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0

- [CPU Benchmarks](#)
- [Video Card Benchmarks](#)
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- [RAM](#)
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0

## Videocard Benchmarks

Over 1,000,000 Video Cards Benchmarked

# Video Card List

Below is an alphabetical list of all Video Card types that appear in the charts. Clicking on a specific Video Card will take you to the chart it appears in and will highlight it for you.

- 
- [VIDEO CARD](#)
- [High End](#)
- [High Mid Range](#)
- [Low Mid Range](#)
- [Low End](#)
- [Best Value](#)
- [Common](#)
- [Market Share \(30 Days\)](#)
- [Compare0](#)
- [Video Card Mega List](#)
- [Search Model](#)
- [GPU Compute Video Card Chart](#)

## Single Video Card

 

| Videocard Name   | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| <a href="#">128 DDR Radeon 9700 TX w/TV-Out</a>            | 44                                   | 1827                   | NA                                 | NA          |
| <a href="#">128 DDR Radeon 9800 Pro</a>                    | 62                                   | 1770                   | NA                                 | NA          |
| <a href="#">128MB DDR Radeon 9800 Pro</a>                  | 66                                   | 1759                   | NA                                 | NA          |
| <a href="#">128MB RADEON X600 SE</a>                       | 49                                   | 1811                   | NA                                 | NA          |
| <a href="#">15FF</a>                                       | 8229                                 | 114                    | NA                                 | NA          |
| <a href="#">256MB DDR Radeon 9800 XT</a>                   | 37                                   | 1855                   | NA                                 | NA          |
| <a href="#">256MB RADEON X600</a>                          | 67                                   | 1753                   | NA                                 | NA          |
| <a href="#">3DP Edition</a>                                | 826                                  | 824                    | NA                                 | NA          |
| <a href="#">64MB DDR GeForce3 Ti 200</a>                   | 5                                    | 2006                   | NA                                 | NA          |
| <a href="#">64MB GeForce2 MX with TV Out</a>               | 2                                    | 2105                   | NA                                 | NA          |
| <a href="#">7900 MOD - Radeon HD 6520G</a>                 | 610                                  | 1041                   | NA                                 | NA          |
| <a href="#">7900 MOD - Radeon HD 6550D</a>                 | 892                                  | 776                    | NA                                 | NA          |
| <a href="#">9xx Soldiers sans frontiers Sigma 2</a>        | 21                                   | 1928                   | NA                                 | NA          |
| <a href="#">A10-8700P</a>                                  | 513                                  | 1153                   | NA                                 | NA          |
| <a href="#">A6 Micro-6500T Quad-Core APU with RadeonR4</a> | 220                                  | 1423                   | NA                                 | NA          |
| <a href="#">ABIT Siluro T400</a>                           | 3                                    | 2061                   | NA                                 | NA          |
| <a href="#">ALL-IN-WONDER 9000</a>                         | 4                                    | 2026                   | NA                                 | NA          |
| <a href="#">ALL-IN-WONDER 9800</a>                         | 23                                   | 1920                   | NA                                 | NA          |
| <a href="#">ALL-IN-WONDER RADEON 8500DV</a>                | 5                                    | 2011                   | NA                                 | NA          |
| <a href="#">All-in-Wonder X1800XL</a>                      | 30                                   | 1891                   | NA                                 | NA          |
| <a href="#">All-in-Wonder X1900</a>                        | 127                                  | 1554                   | NA                                 | NA          |
| <a href="#">ALL-IN-WONDER X800 GT</a>                      | 84                                   | 1688                   | NA                                 | NA          |
| <a href="#">AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI</a>   | 3                                    | 2085                   | NA                                 | NA          |
| <a href="#">ASUS A7000</a>                                 | 9                                    | 1969                   | NA                                 | NA          |
| <a href="#">ASUS AGP-V3800PRO v31.40H</a>                  | 4                                    | 2045                   | NA                                 | NA          |
| <a href="#">ASUS EAH4870x2</a>                             | 496                                  | 1174                   | NA                                 | NA          |
| <a href="#">Asus GTX 650 FML II EC-EGPU</a>                | 720                                  | 918                    | NA                                 | NA          |
| <a href="#">ASUS V9520-X V62.11</a>                        | 7                                    | 1980                   | NA                                 | NA          |
| <a href="#">B8DKMDAP</a>                                   | 4557                                 | 208                    | NA                                 | NA          |
| <a href="#">Barco MXRT 1450</a>                            | 205                                  | 1451                   | NA                                 | NA          |

| Videocard Name  | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)              |
|---|---|---------------------------|---------------------------------------|-----------------------------|
| <a href="#">Barco MXRT 2600</a>                             | 900                                     | 773                       | NA                                    | NA                          |
| <a href="#">Barco MXRT 5400</a>                             | 1161                                    | 628                       | NA                                    | NA                          |
| <a href="#">Barco MXRT 5450</a>                             | 1079                                    | 663                       | NA                                    | NA                          |
| <a href="#">Barco MXRT 5500</a>                             | 2701                                    | 341                       | NA                                    | NA                          |
| <a href="#">Barco MXRT 7100</a>                             | 180                                     | 1479                      | NA                                    | NA                          |
| <a href="#">Barco MXRT 7400</a>                             | 900                                     | 772                       | NA                                    | NA                          |
| <a href="#">Barco MXRT 7500</a>                             | 4319                                    | 222                       | NA                                    | NA                          |
| <a href="#">Barco MXRT 7600</a>                             | 4943                                    | 196                       | NA                                    | NA                          |
| <a href="#">BASICDISPLAY</a>                                | 69                                      | 1741                      | NA                                    | NA                          |
| <a href="#">CARRIZO 9874</a>                                | 246                                     | 1402                      | NA                                    | NA                          |
| <a href="#">Citrix Indirect Display Adapter</a>             | 4446                                    | 215                       | NA                                    | NA                          |
| <a href="#">CONNECT 3D RADEON X300</a>                      | 36                                      | 1859                      | NA                                    | NA                          |
| <a href="#">Dell 8100</a>                                   | 2                                       | 2111                      | <a href="#">0.00</a>                  | <a href="#">\$999.11*</a>   |
| <a href="#">Dell 8200</a>                                   | 4                                       | 2049                      | NA                                    | NA                          |
| <a href="#">Diamond X1300-PCIE 256MB</a>                    | 70                                      | 1740                      | NA                                    | NA                          |
| <a href="#">EAH5450</a>                                     | 134                                     | 1540                      | <a href="#">1.22</a>                  | <a href="#">\$109.99*</a>   |
| <a href="#">EIZO Quadro MED-XN51LP</a>                      | 4955                                    | 195                       | NA                                    | NA                          |
| <a href="#">Embedded Radeon E9173</a>                       | 1996                                    | 429                       | NA                                    | NA                          |
| <a href="#">Extreme AX850 PRO</a>                           | 120                                     | 1574                      | NA                                    | NA                          |
| <a href="#">Familia Intel Q33 Express Chipset</a>           | 10                                      | 1964                      | NA                                    | NA                          |
| <a href="#">Famille de jeu de puces Express Intel 946GZ</a> | 7                                       | 1983                      | NA                                    | NA                          |
| <a href="#">FireGL T2-128</a>                               | 30                                      | 1889                      | NA                                    | NA                          |
| <a href="#">FireGL V3100</a>                                | 52                                      | 1795                      | NA                                    | NA                          |
| <a href="#">FireGL V3200</a>                                | 84                                      | 1685                      | NA                                    | NA                          |
| <a href="#">FireGL V3300</a>                                | 70                                      | 1739                      | NA                                    | NA                          |
| <a href="#">FireGL V3350</a>                                | 68                                      | 1747                      | NA                                    | NA                          |
| <a href="#">FireGL V3400</a>                                | 103                                     | 1632                      | NA                                    | NA                          |
| <a href="#">FireGL V3600</a>                                | 179                                     | 1480                      | <a href="#">1.12</a>                  | <a href="#">\$160.99*</a>   |
| <a href="#">FireGL V5100</a>                                | 92                                      | 1667                      | NA                                    | NA                          |
| <a href="#">FireGL V5200</a>                                | 114                                     | 1592                      | NA                                    | NA                          |
| <a href="#">FireGL V5600</a>                                | 341                                     | 1314                      | NA                                    | NA                          |
| <a href="#">FireGL V7100</a>                                | 71                                      | 1730                      | NA                                    | NA                          |
| <a href="#">FireGL V7200</a>                                | 116                                     | 1587                      | NA                                    | NA                          |
| <a href="#">FireGL V7300</a>                                | 128                                     | 1552                      | <a href="#">0.11</a>                  | <a href="#">\$1,189.99*</a> |
| <a href="#">FireGL V7350</a>                                | 110                                     | 1606                      | <a href="#">5.55</a>                  | <a href="#">\$19.99*</a>    |
| <a href="#">FireGL V7600</a>                                | 615                                     | 1035                      | NA                                    | NA                          |
| <a href="#">FireGL V7700</a>                                | 660                                     | 978                       | <a href="#">3.77</a>                  | <a href="#">\$174.99*</a>   |
| <a href="#">FireGL V8600</a>                                | 838                                     | 809                       | NA                                    | NA                          |
| <a href="#">FireGL V8650</a>                                | 550                                     | 1112                      | <a href="#">1.67</a>                  | <a href="#">\$329.99*</a>   |
| <a href="#">FireGL X1</a>                                   | 59                                      | 1778                      | NA                                    | NA                          |
| <a href="#">FireMV 2200 PCI</a>                             | 1                                       | 2126                      | NA                                    | NA                          |
| <a href="#">FireMV 2200 PCIe</a>                            | 36                                      | 1861                      | <a href="#">0.40</a>                  | <a href="#">\$89.99*</a>    |
| <a href="#">FireMV 2250</a>                                 | 45                                      | 1819                      | <a href="#">0.43</a>                  | <a href="#">\$105.99*</a>   |
| <a href="#">FireMV 2260</a>                                 | 117                                     | 1580                      | <a href="#">1.12</a>                  | <a href="#">\$104.99*</a>   |
| <a href="#">FireMV 2400 PCIe</a>                            | 11                                      | 1959                      | NA                                    | NA                          |
| <a href="#">FireMV 2450</a>                                 | 73                                      | 1723                      | NA                                    | NA                          |
| <a href="#">FirePro 2260</a>                                | 112                                     | 1598                      | NA                                    | NA                          |
| <a href="#">FirePro 2270</a>                                | 178                                     | 1483                      | <a href="#">1.23</a>                  | <a href="#">\$144.90*</a>   |
| <a href="#">FirePro 2450</a>                                | 51                                      | 1801                      | <a href="#">0.18</a>                  | <a href="#">\$278.00*</a>   |
| <a href="#">FirePro 2460</a>                                | 215                                     | 1433                      | <a href="#">2.57</a>                  | <a href="#">\$83.99*</a>    |
| <a href="#">FirePro 3D V3700</a>                            | 178                                     | 1482                      | <a href="#">2.10</a>                  | <a href="#">\$84.99*</a>    |
| <a href="#">FirePro 3D V3750</a>                            | 341                                     | 1313                      | <a href="#">6.71</a>                  | <a href="#">\$50.88*</a>    |
| <a href="#">FirePro 3D V3800</a>                            | 472                                     | 1195                      | <a href="#">3.15</a>                  | <a href="#">\$149.99*</a>   |
| <a href="#">FirePro 3D V4800</a>                            | 853                                     | 801                       | <a href="#">5.33</a>                  | <a href="#">\$159.99*</a>   |
| <a href="#">FirePro 3D V5700</a>                            | 546                                     | 1117                      | <a href="#">1.71</a>                  | <a href="#">\$319.99*</a>   |
| <a href="#">FirePro 3D V5800</a>                            | 1231                                    | 606                       | <a href="#">3.33</a>                  | <a href="#">\$369.99*</a>   |
| <a href="#">FirePro 3D V7750</a>                            | 545                                     | 1123                      | <a href="#">1.56</a>                  | <a href="#">\$350.00*</a>   |

| Videocard Name                             | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)              |
|--|---|---------------------------|---------------------------------------|-----------------------------|
| <a href="#">FirePro 3D V7800</a>           | 1867                                    | 460                       | <a href="#">3.11</a>                  | <a href="#">\$599.99*</a>   |
| <a href="#">FirePro 3D V8700</a>           | 1206                                    | 614                       | <a href="#">6.03</a>                  | <a href="#">\$199.99*</a>   |
| <a href="#">FirePro 3D V8750</a>           | 1271                                    | 591                       | <a href="#">1.03</a>                  | <a href="#">\$1,230.99*</a> |
| <a href="#">FirePro 3D V8800</a>           | 2437                                    | 362                       | <a href="#">5.74</a>                  | <a href="#">\$424.99*</a>   |
| <a href="#">FirePro 3D V9800</a>           | 2811                                    | 330                       | <a href="#">1.13</a>                  | <a href="#">\$2,499.00*</a> |
| <a href="#">FirePro M2000</a>              | 343                                     | 1312                      | NA                                    | NA                          |
| <a href="#">FirePro M4000</a>              | 1658                                    | 500                       | NA                                    | NA                          |
| <a href="#">FirePro M4000 Mobility Pro</a> | 1688                                    | 494                       | NA                                    | NA                          |
| <a href="#">FirePro M40003</a>             | 1364                                    | 566                       | NA                                    | NA                          |
| <a href="#">Firepro M4100</a>              | 1059                                    | 671                       | NA                                    | NA                          |
| <a href="#">FirePro M4150</a>              | 990                                     | 708                       | NA                                    | NA                          |
| <a href="#">FirePro M4170</a>              | 1065                                    | 667                       | NA                                    | NA                          |
| <a href="#">FirePro M5100</a>              | 2102                                    | 408                       | NA                                    | NA                          |
| <a href="#">FirePro M5100 FireGL V</a>     | 1839                                    | 466                       | NA                                    | NA                          |
| <a href="#">FirePro M5950</a>              | 1314                                    | 578                       | NA                                    | NA                          |
| <a href="#">FirePro M6000</a>              | 1820                                    | 471                       | NA                                    | NA                          |
| <a href="#">FirePro M6000 Mobility Pro</a> | 1529                                    | 527                       | NA                                    | NA                          |
| <a href="#">FirePro M6100</a>              | 2054                                    | 414                       | NA                                    | NA                          |
| <a href="#">FirePro M6100 FireGL V</a>     | 2656                                    | 343                       | NA                                    | NA                          |
| <a href="#">FirePro M7740</a>              | 665                                     | 974                       | NA                                    | NA                          |
| <a href="#">FirePro R5000</a>              | 2646                                    | 345                       | <a href="#">24.06</a>                 | <a href="#">\$109.99*</a>   |
| <a href="#">FirePro RG220</a>              | 335                                     | 1322                      | <a href="#">0.52</a>                  | <a href="#">\$650.18*</a>   |
| <a href="#">FirePro S10000</a>             | 5235                                    | 184                       | NA                                    | NA                          |
| <a href="#">FirePro S7000</a>              | 4166                                    | 230                       | NA                                    | NA                          |
| <a href="#">FirePro S7150</a>              | 6276                                    | 154                       | <a href="#">2.13</a>                  | <a href="#">\$2,940.21*</a> |
| <a href="#">FirePro S9000</a>              | 5059                                    | 191                       | NA                                    | NA                          |
| <a href="#">FirePro S9050</a>              | 3911                                    | 246                       | NA                                    | NA                          |
| <a href="#">FirePro V3800</a>              | 327                                     | 1329                      | NA                                    | NA                          |
| <a href="#">FirePro V3900</a>              | 697                                     | 946                       | <a href="#">5.37</a>                  | <a href="#">\$129.99*</a>   |
| <a href="#">FirePro V4900</a>              | 1066                                    | 666                       | <a href="#">7.36</a>                  | <a href="#">\$144.99*</a>   |
| <a href="#">FirePro V5700</a>              | 464                                     | 1205                      | NA                                    | NA                          |
| <a href="#">FirePro V5800</a>              | 1432                                    | 552                       | <a href="#">26.05</a>                 | <a href="#">\$54.99*</a>    |
| <a href="#">FirePro V5900</a>              | 1325                                    | 574                       | <a href="#">4.14</a>                  | <a href="#">\$319.99*</a>   |
| <a href="#">FirePro V7000</a>              | 3161                                    | 300                       | NA                                    | NA                          |
| <a href="#">FirePro V7800</a>              | 2091                                    | 410                       | NA                                    | NA                          |
| <a href="#">FirePro V7900</a>              | 2227                                    | 393                       | <a href="#">15.46</a>                 | <a href="#">\$144.04*</a>   |
| <a href="#">FirePro V8700</a>              | 1538                                    | 526                       | NA                                    | NA                          |
| <a href="#">FirePro V9800</a>              | 2726                                    | 336                       | NA                                    | NA                          |
| <a href="#">FirePro W2100</a>              | 913                                     | 761                       | <a href="#">8.01</a>                  | <a href="#">\$113.99*</a>   |
| <a href="#">FirePro W4100</a>              | 1508                                    | 532                       | <a href="#">10.07</a>                 | <a href="#">\$149.86*</a>   |
| <a href="#">FirePro W4170M</a>             | 948                                     | 735                       | NA                                    | NA                          |
| <a href="#">Firepro W4190M</a>             | 1194                                    | 619                       | NA                                    | NA                          |
| <a href="#">FirePro W4300</a>              | 2734                                    | 334                       | <a href="#">11.39</a>                 | <a href="#">\$239.99*</a>   |
| <a href="#">FirePro W5000</a>              | 2947                                    | 316                       | <a href="#">17.35</a>                 | <a href="#">\$169.89*</a>   |
| <a href="#">FirePro W5100</a>              | 2958                                    | 315                       | <a href="#">10.60</a>                 | <a href="#">\$279.13*</a>   |
| <a href="#">FirePro W5130M</a>             | 1699                                    | 491                       | NA                                    | NA                          |
| <a href="#">Firepro W5170M</a>             | 1604                                    | 510                       | NA                                    | NA                          |
| <a href="#">FirePro W600</a>               | 1725                                    | 490                       | <a href="#">4.30</a>                  | <a href="#">\$400.99*</a>   |
| <a href="#">FirePro W7000</a>              | 4063                                    | 235                       | <a href="#">27.83</a>                 | <a href="#">\$146.02*</a>   |
| <a href="#">FirePro W7000 Adapter</a>      | 4398                                    | 218                       | NA                                    | NA                          |
| <a href="#">FirePro W7100</a>              | 4974                                    | 193                       | <a href="#">17.15</a>                 | <a href="#">\$289.99*</a>   |
| <a href="#">FirePro W7170M</a>             | 3849                                    | 251                       | NA                                    | NA                          |
| <a href="#">FirePro W8000</a>              | 3453                                    | 276                       | <a href="#">3.29</a>                  | <a href="#">\$1,048.99*</a> |
| <a href="#">FirePro W8100</a>              | 6985                                    | 137                       | <a href="#">6.28</a>                  | <a href="#">\$1,112.18*</a> |
| <a href="#">FirePro W9000</a>              | 5907                                    | 164                       | <a href="#">1.72</a>                  | <a href="#">\$3,443.99*</a> |
| <a href="#">FirePro W9100</a>              | 7750                                    | 126                       | <a href="#">2.16</a>                  | <a href="#">\$3,593.10*</a> |
| <a href="#">FireStream 9170</a>            | 647                                     | 992                       | NA                                    | NA                          |
| <a href="#">FireStream 9250</a>            | 1164                                    | 627                       | NA                                    | NA                          |

| Videocard Name                                | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)            |
|---|---|---------------------------|---------------------------------------|---------------------------|
| <a href="#">FireStream 9270</a>               | 1341                                    | 571                       | NA                                    | NA                        |
| <a href="#">FireStream 9370</a>               | 2528                                    | 356                       | NA                                    | NA                        |
| <a href="#">GeCube RADEON 7000</a>            | 8                                       | 1971                      | NA                                    | NA                        |
| <a href="#">GeForce 205</a>                   | 126                                     | 1558                      | NA                                    | NA                        |
| <a href="#">GeForce 210</a>                   | 97                                      | 1655                      | <a href="#">2.56</a>                  | <a href="#">\$37.99</a>   |
| <a href="#">GeForce 240M GT</a>               | 319                                     | 1335                      | NA                                    | NA                        |
| <a href="#">GeForce 256</a>                   | 5                                       | 2022                      | <a href="#">0.12</a>                  | <a href="#">\$42.04*</a>  |
| <a href="#">GeForce 305M</a>                  | 190                                     | 1469                      | NA                                    | NA                        |
| <a href="#">GeForce 310</a>                   | 124                                     | 1560                      | <a href="#">1.15</a>                  | <a href="#">\$108.35*</a> |
| <a href="#">GeForce 310M</a>                  | 111                                     | 1603                      | NA                                    | NA                        |
| <a href="#">GeForce 315</a>                   | 163                                     | 1498                      | <a href="#">4.96</a>                  | <a href="#">\$32.99*</a>  |
| <a href="#">GeForce 315M</a>                  | 122                                     | 1569                      | NA                                    | NA                        |
| <a href="#">GeForce 320M</a>                  | 271                                     | 1377                      | NA                                    | NA                        |
| <a href="#">GeForce 405</a>                   | 126                                     | 1557                      | <a href="#">5.14</a>                  | <a href="#">\$24.64*</a>  |
| <a href="#">GeForce 410M</a>                  | 243                                     | 1404                      | NA                                    | NA                        |
| <a href="#">GeForce 505</a>                   | 186                                     | 1473                      | NA                                    | NA                        |
| <a href="#">GeForce 510</a>                   | 237                                     | 1410                      | <a href="#">3.40</a>                  | <a href="#">\$69.99*</a>  |
| <a href="#">GeForce 605</a>                   | 313                                     | 1343                      | <a href="#">2.85</a>                  | <a href="#">\$109.95*</a> |
| <a href="#">GeForce 6100</a>                  | 21                                      | 1929                      | NA                                    | NA                        |
| <a href="#">GeForce 6100 nForce 400</a>       | 25                                      | 1910                      | NA                                    | NA                        |
| <a href="#">GeForce 6100 nForce 405</a>       | 22                                      | 1926                      | NA                                    | NA                        |
| <a href="#">GeForce 6100 nForce 420</a>       | 25                                      | 1909                      | NA                                    | NA                        |
| <a href="#">GeForce 6100 nForce 430</a>       | 23                                      | 1922                      | NA                                    | NA                        |
| <a href="#">GeForce 610M</a>                  | 284                                     | 1367                      | NA                                    | NA                        |
| <a href="#">GeForce 615</a>                   | 548                                     | 1115                      | NA                                    | NA                        |
| <a href="#">GeForce 6150</a>                  | 21                                      | 1927                      | <a href="#">0.15</a>                  | <a href="#">\$149.99*</a> |
| <a href="#">GeForce 6150 LE</a>               | 21                                      | 1930                      | NA                                    | NA                        |
| <a href="#">GeForce 6150SE</a>                | 24                                      | 1913                      | NA                                    | NA                        |
| <a href="#">GeForce 6150SE nForce 430</a>     | 19                                      | 1934                      | NA                                    | NA                        |
| <a href="#">GeForce 6200</a>                  | 44                                      | 1826                      | <a href="#">1.11</a>                  | <a href="#">\$39.99*</a>  |
| <a href="#">GeForce 6200 A-LE</a>             | 32                                      | 1883                      | NA                                    | NA                        |
| <a href="#">GeForce 6200 LE</a>               | 26                                      | 1903                      | <a href="#">0.65</a>                  | <a href="#">\$41.24*</a>  |
| <a href="#">GeForce 6200 TurboCache</a>       | 38                                      | 1849                      | NA                                    | NA                        |
| <a href="#">GeForce 6200A</a>                 | 3                                       | 2069                      | <a href="#">0.07</a>                  | <a href="#">\$54.99*</a>  |
| <a href="#">GeForce 6200SE TurboCache</a>     | 28                                      | 1895                      | NA                                    | NA                        |
| <a href="#">GeForce 6500</a>                  | 38                                      | 1851                      | NA                                    | NA                        |
| <a href="#">GeForce 6600</a>                  | 62                                      | 1767                      | <a href="#">0.42</a>                  | <a href="#">\$149.99*</a> |
| <a href="#">GeForce 6600 GT</a>               | 100                                     | 1642                      | <a href="#">1.55</a>                  | <a href="#">\$64.95*</a>  |
| <a href="#">GeForce 6600 LE</a>               | 51                                      | 1800                      | NA                                    | NA                        |
| <a href="#">GeForce 6610 XL</a>               | 88                                      | 1681                      | NA                                    | NA                        |
| <a href="#">GeForce 6700 XL</a>               | 95                                      | 1658                      | NA                                    | NA                        |
| <a href="#">GeForce 6800</a>                  | 112                                     | 1599                      | <a href="#">2.82</a>                  | <a href="#">\$39.99*</a>  |
| <a href="#">GeForce 6800 GS</a>               | 137                                     | 1530                      | NA                                    | NA                        |
| <a href="#">GeForce 6800 GS/XT</a>            | 102                                     | 1635                      | NA                                    | NA                        |
| <a href="#">GeForce 6800 GT</a>               | 142                                     | 1519                      | NA                                    | NA                        |
| <a href="#">GeForce 6800 LE</a>               | 109                                     | 1611                      | NA                                    | NA                        |
| <a href="#">GeForce 6800 Ultra</a>            | 138                                     | 1528                      | NA                                    | NA                        |
| <a href="#">GeForce 6800 XE</a>               | 58                                      | 1779                      | NA                                    | NA                        |
| <a href="#">GeForce 6800 XT</a>               | 101                                     | 1640                      | NA                                    | NA                        |
| <a href="#">GeForce 7000M</a>                 | 13                                      | 1953                      | NA                                    | NA                        |
| <a href="#">GeForce 7000M / nForce 610M</a>   | 12                                      | 1954                      | NA                                    | NA                        |
| <a href="#">GeForce 7025 / nForce 630a</a>    | 28                                      | 1896                      | NA                                    | NA                        |
| <a href="#">GeForce 7050 / nForce 610j</a>    | 27                                      | 1897                      | NA                                    | NA                        |
| <a href="#">GeForce 7050 / nForce 620j</a>    | 31                                      | 1886                      | NA                                    | NA                        |
| <a href="#">GeForce 7050 / nForce 630j</a>    | 27                                      | 1902                      | NA                                    | NA                        |
| <a href="#">GeForce 7050 PV / nForce 630a</a> | 22                                      | 1925                      | NA                                    | NA                        |
| <a href="#">GeForce 705M</a>                  | 455                                     | 1216                      | NA                                    | NA                        |
| <a href="#">GeForce 7100 / nForce 620j</a>    | 26                                      | 1906                      | NA                                    | NA                        |

| Videocard Name                              | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)            |
|---|---|---------------------------|---------------------------------------|---------------------------|
| <a href="#">GeForce 7100 / nForce 630i</a>  | 31                                      | 1885                      | NA                                    | NA                        |
| <a href="#">GeForce 7100 GS</a>             | 43                                      | 1828                      | NA                                    | NA                        |
| <a href="#">GeForce 710A</a>                | 486                                     | 1183                      | NA                                    | NA                        |
| <a href="#">GeForce 710M</a>                | 441                                     | 1234                      | NA                                    | NA                        |
| <a href="#">GeForce 7150 / nForce 630i</a>  | 33                                      | 1879                      | NA                                    | NA                        |
| <a href="#">GeForce 7150M / nForce 630M</a> | 18                                      | 1939                      | NA                                    | NA                        |
| <a href="#">GeForce 7200 GS</a>             | 23                                      | 1921                      | NA                                    | NA                        |
| <a href="#">GeForce 720A</a>                | 724                                     | 912                       | NA                                    | NA                        |
| <a href="#">GeForce 7300 GS</a>             | 66                                      | 1758                      | NA                                    | NA                        |
| <a href="#">GeForce 7300 GT</a>             | 108                                     | 1615                      | <a href="#">0.72</a>                  | <a href="#">\$149.99*</a> |
| <a href="#">GeForce 7300 LE</a>             | 55                                      | 1793                      | <a href="#">1.74</a>                  | <a href="#">\$32.00*</a>  |
| <a href="#">GeForce 7300 SE</a>             | 39                                      | 1848                      | NA                                    | NA                        |
| <a href="#">GeForce 7300 SE/7200 GS</a>     | 42                                      | 1833                      | NA                                    | NA                        |
| <a href="#">GeForce 730A</a>                | 774                                     | 859                       | NA                                    | NA                        |
| <a href="#">GeForce 7350 LE</a>             | 74                                      | 1722                      | NA                                    | NA                        |
| <a href="#">GeForce 7500 LE</a>             | 69                                      | 1745                      | NA                                    | NA                        |
| <a href="#">GeForce 7600 GS</a>             | 134                                     | 1537                      | <a href="#">0.77</a>                  | <a href="#">\$175.00*</a> |
| <a href="#">GeForce 7600 GT</a>             | 181                                     | 1475                      | <a href="#">2.13</a>                  | <a href="#">\$84.95*</a>  |
| <a href="#">GeForce 7650 GS</a>             | 134                                     | 1541                      | NA                                    | NA                        |
| <a href="#">GeForce 770M</a>                | 3245                                    | 291                       | <a href="#">18.34</a>                 | <a href="#">\$176.99*</a> |
| <a href="#">GeForce 7800 GS</a>             | 177                                     | 1484                      | NA                                    | NA                        |
| <a href="#">GeForce 7800 GT</a>             | 196                                     | 1463                      | <a href="#">2.45</a>                  | <a href="#">\$80.00*</a>  |
| <a href="#">GeForce 7800 GTX</a>            | 221                                     | 1419                      | NA                                    | NA                        |
| <a href="#">GeForce 7900 GS</a>             | 219                                     | 1424                      | NA                                    | NA                        |
| <a href="#">GeForce 7900 GT</a>             | 258                                     | 1389                      | NA                                    | NA                        |
| <a href="#">GeForce 7900 GT/GTO</a>         | 247                                     | 1401                      | NA                                    | NA                        |
| <a href="#">GeForce 7900 GTX</a>            | 306                                     | 1348                      | NA                                    | NA                        |
| <a href="#">GeForce 7950 GT</a>             | 264                                     | 1385                      | <a href="#">0.88</a>                  | <a href="#">\$299.99*</a> |
| <a href="#">GeForce 7950 GX2</a>            | 201                                     | 1456                      | <a href="#">3.67</a>                  | <a href="#">\$54.99*</a>  |
| <a href="#">GeForce 7950 Xtreme</a>         | 287                                     | 1366                      | NA                                    | NA                        |
| <a href="#">GeForce 800A</a>                | 428                                     | 1249                      | NA                                    | NA                        |
| <a href="#">GeForce 800M</a>                | 468                                     | 1198                      | NA                                    | NA                        |
| <a href="#">GeForce 8100 / nForce 720a</a>  | 79                                      | 1714                      | NA                                    | NA                        |
| <a href="#">GeForce 810A</a>                | 627                                     | 1021                      | NA                                    | NA                        |
| <a href="#">GeForce 810M</a>                | 361                                     | 1302                      | NA                                    | NA                        |
| <a href="#">GeForce 8200</a>                | 79                                      | 1713                      | NA                                    | NA                        |
| <a href="#">GeForce 8200M G</a>             | 71                                      | 1731                      | NA                                    | NA                        |
| <a href="#">GeForce 820A</a>                | 706                                     | 936                       | NA                                    | NA                        |
| <a href="#">GeForce 820M</a>                | 502                                     | 1168                      | NA                                    | NA                        |
| <a href="#">GeForce 825M</a>                | 768                                     | 868                       | NA                                    | NA                        |
| <a href="#">GeForce 8300</a>                | 91                                      | 1673                      | <a href="#">4.04</a>                  | <a href="#">\$22.68*</a>  |
| <a href="#">GeForce 8300 GS</a>             | 66                                      | 1755                      | NA                                    | NA                        |
| <a href="#">GeForce 830A</a>                | 1004                                    | 699                       | NA                                    | NA                        |
| <a href="#">GeForce 830M</a>                | 986                                     | 710                       | NA                                    | NA                        |
| <a href="#">GeForce 8400</a>                | 81                                      | 1705                      | <a href="#">0.14</a>                  | <a href="#">\$589.99*</a> |
| <a href="#">GeForce 8400 GS</a>             | 109                                     | 1609                      | <a href="#">2.31</a>                  | <a href="#">\$47.59</a>   |
| <a href="#">GeForce 8400 SE</a>             | 68                                      | 1750                      | NA                                    | NA                        |
| <a href="#">GeForce 8400M G</a>             | 58                                      | 1780                      | NA                                    | NA                        |
| <a href="#">GeForce 8400M GS</a>            | 81                                      | 1700                      | <a href="#">5.45</a>                  | <a href="#">\$14.99*</a>  |
| <a href="#">GeForce 8400M GT</a>            | 98                                      | 1649                      | NA                                    | NA                        |
| <a href="#">GeForce 840A</a>                | 1136                                    | 638                       | NA                                    | NA                        |
| <a href="#">GeForce 840M</a>                | 1051                                    | 676                       | NA                                    | NA                        |
| <a href="#">GeForce 845M</a>                | 1317                                    | 577                       | NA                                    | NA                        |
| <a href="#">GeForce 8500 GT</a>             | 107                                     | 1617                      | NA                                    | NA                        |
| <a href="#">GeForce 8600 GS</a>             | 106                                     | 1619                      | NA                                    | NA                        |
| <a href="#">GeForce 8600 GT</a>             | 117                                     | 1581                      | <a href="#">0.62</a>                  | <a href="#">\$189.00*</a> |
| <a href="#">GeForce 8600 GTS</a>            | 165                                     | 1495                      | <a href="#">2.36</a>                  | <a href="#">\$70.00*</a>  |

| Videocard Name                                     | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)            |
|--|---|---------------------------|---------------------------------------|---------------------------|
| <a href="#">GeForce 8600M GS</a>                   | 77                                      | 1715                      | NA                                    | NA                        |
| <a href="#">GeForce 8600M GT</a>                   | 84                                      | 1691                      | NA                                    | NA                        |
| <a href="#">GeForce 8700M GT</a>                   | 125                                     | 1559                      | NA                                    | NA                        |
| <a href="#">GeForce 8800 GS</a>                    | 394                                     | 1271                      | NA                                    | NA                        |
| <a href="#">GeForce 8800 GT</a>                    | 513                                     | 1154                      | <a href="#">1.90</a>                  | <a href="#">\$269.99*</a> |
| <a href="#">GeForce 8800 GTS</a>                   | 451                                     | 1223                      | NA                                    | NA                        |
| <a href="#">GeForce 8800 GTS 512</a>               | 606                                     | 1046                      | NA                                    | NA                        |
| <a href="#">GeForce 8800 GTX</a>                   | 612                                     | 1039                      | <a href="#">3.06</a>                  | <a href="#">\$199.99*</a> |
| <a href="#">GeForce 8800 Ultra</a>                 | 638                                     | 1000                      | NA                                    | NA                        |
| <a href="#">GeForce 8800M GTS</a>                  | 474                                     | 1193                      | NA                                    | NA                        |
| <a href="#">GeForce 8800M GTX</a>                  | 462                                     | 1207                      | NA                                    | NA                        |
| <a href="#">GeForce 9100</a>                       | 81                                      | 1697                      | NA                                    | NA                        |
| <a href="#">GeForce 9100M G</a>                    | 85                                      | 1684                      | NA                                    | NA                        |
| <a href="#">GeForce 910M</a>                       | 608                                     | 1044                      | NA                                    | NA                        |
| <a href="#">GeForce 9200</a>                       | 98                                      | 1646                      | NA                                    | NA                        |
| <a href="#">GeForce 9200M GE</a>                   | 129                                     | 1547                      | NA                                    | NA                        |
| <a href="#">GeForce 9200M GS</a>                   | 60                                      | 1772                      | NA                                    | NA                        |
| <a href="#">GeForce 920A</a>                       | 919                                     | 758                       | NA                                    | NA                        |
| <a href="#">GeForce 920M</a>                       | 729                                     | 909                       | NA                                    | NA                        |
| <a href="#">GeForce 920MX</a>                      | 1068                                    | 665                       | NA                                    | NA                        |
| <a href="#">GeForce 9300</a>                       | 126                                     | 1555                      | NA                                    | NA                        |
| <a href="#">GeForce 9300 / nForce 730i</a>         | 128                                     | 1550                      | NA                                    | NA                        |
| <a href="#">GeForce 9300 GE</a>                    | 71                                      | 1735                      | <a href="#">3.10</a>                  | <a href="#">\$22.99*</a>  |
| <a href="#">GeForce 9300 GS</a>                    | 80                                      | 1711                      | <a href="#">1.34</a>                  | <a href="#">\$59.95*</a>  |
| <a href="#">GeForce 9300 SE</a>                    | 81                                      | 1703                      | NA                                    | NA                        |
| <a href="#">GeForce 9300GE</a>                     | 97                                      | 1652                      | <a href="#">5.43</a>                  | <a href="#">\$18.00*</a>  |
| <a href="#">GeForce 9300M G</a>                    | 84                                      | 1687                      | NA                                    | NA                        |
| <a href="#">GeForce 9300M GS</a>                   | 102                                     | 1637                      | <a href="#">5.12</a>                  | <a href="#">\$19.95*</a>  |
| <a href="#">GeForce 930A</a>                       | 1227                                    | 607                       | NA                                    | NA                        |
| <a href="#">GeForce 930M</a>                       | 1017                                    | 693                       | NA                                    | NA                        |
| <a href="#">GeForce 930MX</a>                      | 1340                                    | 572                       | NA                                    | NA                        |
| <a href="#">GeForce 9400</a>                       | 90                                      | 1677                      | NA                                    | NA                        |
| <a href="#">GeForce 9400 GT</a>                    | 91                                      | 1675                      | <a href="#">0.55</a>                  | <a href="#">\$165.00*</a> |
| <a href="#">GeForce 9400M</a>                      | 118                                     | 1577                      | NA                                    | NA                        |
| <a href="#">GeForce 9400M G</a>                    | 90                                      | 1678                      | NA                                    | NA                        |
| <a href="#">GeForce 940A</a>                       | 1144                                    | 633                       | NA                                    | NA                        |
| <a href="#">GeForce 940M</a>                       | 1096                                    | 657                       | NA                                    | NA                        |
| <a href="#">GeForce 940MX</a>                      | 1527                                    | 529                       | NA                                    | NA                        |
| <a href="#">GeForce 9450</a>                       | 104                                     | 1625                      | NA                                    | NA                        |
| <a href="#">GeForce 945A</a>                       | 1852                                    | 461                       | NA                                    | NA                        |
| <a href="#">GeForce 945M</a>                       | 2168                                    | 401                       | NA                                    | NA                        |
| <a href="#">GeForce 9500 GS</a>                    | 162                                     | 1501                      | NA                                    | NA                        |
| <a href="#">GeForce 9500 GT</a>                    | 134                                     | 1536                      | <a href="#">1.57</a>                  | <a href="#">\$85.99*</a>  |
| <a href="#">GeForce 9500M</a>                      | 103                                     | 1629                      | NA                                    | NA                        |
| <a href="#">GeForce 9500M G</a>                    | 121                                     | 1571                      | NA                                    | NA                        |
| <a href="#">GeForce 9500M GS</a>                   | 103                                     | 1631                      | NA                                    | NA                        |
| <a href="#">GeForce 9600 GS</a>                    | 329                                     | 1326                      | NA                                    | NA                        |
| <a href="#">GeForce 9600 GSO</a>                   | 368                                     | 1293                      | <a href="#">7.37</a>                  | <a href="#">\$49.99*</a>  |
| <a href="#">GeForce 9600 GSO 512</a>               | 372                                     | 1289                      | NA                                    | NA                        |
| <a href="#">GeForce 9600 GT</a>                    | 492                                     | 1178                      | <a href="#">7.04</a>                  | <a href="#">\$70.00*</a>  |
| <a href="#">GeForce 9600M GS</a>                   | 120                                     | 1573                      | NA                                    | NA                        |
| <a href="#">GeForce 9600M GT</a>                   | 128                                     | 1551                      | NA                                    | NA                        |
| <a href="#">GeForce 9600M GT / GeForce GT 220M</a> | 293                                     | 1362                      | NA                                    | NA                        |
| <a href="#">GeForce 9650M GS</a>                   | 270                                     | 1380                      | NA                                    | NA                        |
| <a href="#">GeForce 9650M GT</a>                   | 169                                     | 1491                      | NA                                    | NA                        |
| <a href="#">GeForce 9700M GT</a>                   | 216                                     | 1429                      | NA                                    | NA                        |
| <a href="#">GeForce 9700M GTS</a>                  | 368                                     | 1291                      | NA                                    | NA                        |

| Videocard Name                             | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)            |
|--|---|---------------------------|---------------------------------------|---------------------------|
| <a href="#">GeForce 9800 GT</a>            | 481                                     | 1186                      | <a href="#">3.21</a>                  | <a href="#">\$149.99*</a> |
| <a href="#">GeForce 9800 GT 1024MB</a>     | 134                                     | 1539                      | NA                                    | NA                        |
| <a href="#">GeForce 9800 GTX</a>           | 769                                     | 867                       | NA                                    | NA                        |
| <a href="#">GeForce 9800 GTX+</a>          | 583                                     | 1068                      | NA                                    | NA                        |
| <a href="#">GeForce 9800 GTX/9800 GTX+</a> | 637                                     | 1005                      | <a href="#">7.08</a>                  | <a href="#">\$89.99*</a>  |
| <a href="#">GeForce 9800 GX2</a>           | 797                                     | 841                       | NA                                    | NA                        |
| <a href="#">GeForce 9800 S</a>             | 635                                     | 1007                      | NA                                    | NA                        |
| <a href="#">GeForce 9800M GS</a>           | 457                                     | 1213                      | NA                                    | NA                        |
| <a href="#">GeForce 9800M GT</a>           | 434                                     | 1243                      | NA                                    | NA                        |
| <a href="#">GeForce 9800M GTS</a>          | 366                                     | 1295                      | NA                                    | NA                        |
| <a href="#">GeForce 9800M GTX</a>          | 461                                     | 1208                      | <a href="#">1.41</a>                  | <a href="#">\$328.50*</a> |
| <a href="#">GeForce 999 GTX</a>            | 83                                      | 1692                      | NA                                    | NA                        |
| <a href="#">GeForce FX 5100</a>            | 7                                       | 1979                      | NA                                    | NA                        |
| <a href="#">GeForce FX 5200</a>            | 7                                       | 1982                      | <a href="#">0.11</a>                  | <a href="#">\$69.99*</a>  |
| <a href="#">GeForce FX 5200 Ultra</a>      | 12                                      | 1957                      | NA                                    | NA                        |
| <a href="#">GeForce FX 5200LE</a>          | 7                                       | 1986                      | <a href="#">0.16</a>                  | <a href="#">\$42.99*</a>  |
| <a href="#">GeForce FX 5200SE</a>          | 11                                      | 1958                      | NA                                    | NA                        |
| <a href="#">GeForce FX 5500</a>            | 8                                       | 1974                      | <a href="#">0.23</a>                  | <a href="#">\$36.99*</a>  |
| <a href="#">GeForce FX 5600</a>            | 12                                      | 1955                      | NA                                    | NA                        |
| <a href="#">GeForce FX 5600 Ultra</a>      | 17                                      | 1946                      | NA                                    | NA                        |
| <a href="#">GeForce FX 5600XT</a>          | 9                                       | 1970                      | NA                                    | NA                        |
| <a href="#">GeForce FX 5700</a>            | 40                                      | 1837                      | NA                                    | NA                        |
| <a href="#">GeForce FX 5700 Ultra</a>      | 34                                      | 1872                      | NA                                    | NA                        |
| <a href="#">GeForce FX 5700LE</a>          | 24                                      | 1914                      | NA                                    | NA                        |
| <a href="#">GeForce FX 5700VE</a>          | 33                                      | 1878                      | NA                                    | NA                        |
| <a href="#">GeForce FX 5900</a>            | 34                                      | 1869                      | NA                                    | NA                        |
| <a href="#">GeForce FX 5900 Ultra</a>      | 41                                      | 1835                      | NA                                    | NA                        |
| <a href="#">GeForce FX 5900XT</a>          | 40                                      | 1841                      | NA                                    | NA                        |
| <a href="#">GeForce FX 5900ZT</a>          | 32                                      | 1881                      | NA                                    | NA                        |
| <a href="#">GeForce FX 5950 Ultra</a>      | 59                                      | 1777                      | NA                                    | NA                        |
| <a href="#">GeForce FX Go 5200</a>         | 8                                       | 1972                      | NA                                    | NA                        |
| <a href="#">GeForce FX Go 5600</a>         | 17                                      | 1944                      | NA                                    | NA                        |
| <a href="#">GeForce FX Go5300</a>          | 12                                      | 1956                      | NA                                    | NA                        |
| <a href="#">GeForce FX Go5650</a>          | 16                                      | 1947                      | NA                                    | NA                        |
| <a href="#">GeForce FX Go5700</a>          | 51                                      | 1799                      | NA                                    | NA                        |
| <a href="#">GeForce G 103M</a>             | 63                                      | 1763                      | NA                                    | NA                        |
| <a href="#">GeForce G 105M</a>             | 70                                      | 1738                      | NA                                    | NA                        |
| <a href="#">GeForce G100</a>               | 133                                     | 1542                      | <a href="#">6.65</a>                  | <a href="#">\$19.99*</a>  |
| <a href="#">GeForce G102M</a>              | 93                                      | 1662                      | NA                                    | NA                        |
| <a href="#">GeForce G105M</a>              | 113                                     | 1596                      | NA                                    | NA                        |
| <a href="#">GeForce G200</a>               | 131                                     | 1544                      | NA                                    | NA                        |
| <a href="#">GeForce G205M</a>              | 91                                      | 1672                      | NA                                    | NA                        |
| <a href="#">GeForce G210</a>               | 106                                     | 1618                      | <a href="#">1.69</a>                  | <a href="#">\$63.13*</a>  |
| <a href="#">GeForce G210M</a>              | 122                                     | 1566                      | NA                                    | NA                        |
| <a href="#">GeForce Go 6100</a>            | 17                                      | 1943                      | NA                                    | NA                        |
| <a href="#">GeForce Go 6150</a>            | 17                                      | 1942                      | NA                                    | NA                        |
| <a href="#">GeForce Go 6200</a>            | 15                                      | 1950                      | NA                                    | NA                        |
| <a href="#">GeForce Go 6400</a>            | 24                                      | 1915                      | NA                                    | NA                        |
| <a href="#">GeForce Go 6600</a>            | 69                                      | 1742                      | NA                                    | NA                        |
| <a href="#">GeForce Go 6600 TE/6200 TE</a> | 44                                      | 1823                      | NA                                    | NA                        |
| <a href="#">GeForce Go 6800</a>            | 106                                     | 1622                      | NA                                    | NA                        |
| <a href="#">GeForce Go 6800 Ultra</a>      | 137                                     | 1529                      | NA                                    | NA                        |
| <a href="#">GeForce Go 7200</a>            | 45                                      | 1820                      | NA                                    | NA                        |
| <a href="#">GeForce Go 7300</a>            | 50                                      | 1805                      | NA                                    | NA                        |
| <a href="#">GeForce Go 7400</a>            | 62                                      | 1765                      | NA                                    | NA                        |
| <a href="#">GeForce Go 7600</a>            | 127                                     | 1553                      | NA                                    | NA                        |
| <a href="#">GeForce Go 7600 GT</a>         | 165                                     | 1496                      | NA                                    | NA                        |

| Videocard Name   | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)            |
|--|---|---------------------------|---------------------------------------|---------------------------|
| <a href="#">GeForce Go 7700</a>                                    | 147                                     | 1513                      | NA                                    | NA                        |
| <a href="#">GeForce Go 7800</a>                                    | 114                                     | 1591                      | NA                                    | NA                        |
| <a href="#">GeForce Go 7800 GTX</a>                                | 209                                     | 1444                      | NA                                    | NA                        |
| <a href="#">GeForce Go 7900 GS</a>                                 | 176                                     | 1485                      | NA                                    | NA                        |
| <a href="#">GeForce Go 7900 GTX</a>                                | 270                                     | 1379                      | NA                                    | NA                        |
| <a href="#">GeForce Go 7950 GTX</a>                                | 263                                     | 1387                      | NA                                    | NA                        |
| <a href="#">GeForce GPU</a>  | 1244                                    | 597                       | NA                                    | NA                        |
| <a href="#">GeForce GT 1030</a>                                    | 2623                                    | 348                       | <a href="#">32.80</a>                 | <a href="#">\$79.99</a>   |
| <a href="#">GeForce GT 120</a>                                     | 190                                     | 1470                      | <a href="#">6.35</a>                  | <a href="#">\$29.99*</a>  |
| <a href="#">GeForce GT 120 / 9500 GT</a>                           | 324                                     | 1332                      | NA                                    | NA                        |
| <a href="#">GeForce GT 120M</a>                                    | 265                                     | 1384                      | NA                                    | NA                        |
| <a href="#">GeForce GT 130</a>                                     | 376                                     | 1285                      | <a href="#">13.44</a>                 | <a href="#">\$27.99*</a>  |
| <a href="#">GeForce GT 130M</a>                                    | 196                                     | 1461                      | NA                                    | NA                        |
| <a href="#">GeForce GT 140</a>                                     | 657                                     | 982                       | NA                                    | NA                        |
| <a href="#">GeForce GT 220</a>                                     | 209                                     | 1445                      | <a href="#">5.23</a>                  | <a href="#">\$39.99*</a>  |
| <a href="#">GeForce GT 220M</a>                                    | 151                                     | 1508                      | NA                                    | NA                        |
| <a href="#">GeForce GT 230</a>                                     | 304                                     | 1349                      | <a href="#">6.92</a>                  | <a href="#">\$43.99*</a>  |
| <a href="#">GeForce GT 230M</a>                                    | 204                                     | 1454                      | NA                                    | NA                        |
| <a href="#">GeForce GT 240</a>                                     | 538                                     | 1132                      | <a href="#">9.29</a>                  | <a href="#">\$57.99*</a>  |
| <a href="#">GeForce GT 240M</a>                                    | 212                                     | 1439                      | NA                                    | NA                        |
| <a href="#">GeForce GT 320</a>                                     | 436                                     | 1239                      | <a href="#">13.34</a>                 | <a href="#">\$32.69*</a>  |
| <a href="#">GeForce GT 320M</a>                                    | 113                                     | 1595                      | NA                                    | NA                        |
| <a href="#">GeForce GT 325M</a>                                    | 169                                     | 1490                      | NA                                    | NA                        |
| <a href="#">GeForce GT 330</a>                                     | 420                                     | 1256                      | <a href="#">10.53</a>                 | <a href="#">\$39.99*</a>  |
| <a href="#">GeForce GT 330M</a>                                    | 211                                     | 1441                      | NA                                    | NA                        |
| <a href="#">GeForce GT 335M</a>                                    | 402                                     | 1267                      | NA                                    | NA                        |
| <a href="#">GeForce GT 340</a>                                     | 774                                     | 858                       | <a href="#">14.62</a>                 | <a href="#">\$52.99*</a>  |
| <a href="#">GeForce GT 415</a>                                     | 247                                     | 1399                      | NA                                    | NA                        |
| <a href="#">GeForce GT 415M</a>                                    | 318                                     | 1337                      | NA                                    | NA                        |
| <a href="#">GeForce GT 420</a>                                     | 389                                     | 1274                      | <a href="#">2.51</a>                  | <a href="#">\$155.00*</a> |
| <a href="#">GeForce GT 420M</a>                                    | 433                                     | 1244                      | NA                                    | NA                        |
| <a href="#">GeForce GT 425M</a>                                    | 508                                     | 1160                      | NA                                    | NA                        |
| <a href="#">GeForce GT 430</a>                                     | 573                                     | 1084                      | <a href="#">3.59</a>                  | <a href="#">\$159.99*</a> |
| <a href="#">GeForce GT 435M</a>                                    | 558                                     | 1102                      | NA                                    | NA                        |
| <a href="#">GeForce GT 440</a>                                     | 791                                     | 846                       | <a href="#">11.31</a>                 | <a href="#">\$69.99*</a>  |
| <a href="#">GeForce GT 445M</a>                                    | 833                                     | 814                       | NA                                    | NA                        |
| <a href="#">GeForce GT 520</a>                                     | 293                                     | 1363                      | <a href="#">3.91</a>                  | <a href="#">\$74.99*</a>  |
| <a href="#">GeForce GT 520M</a>                                    | 276                                     | 1375                      | <a href="#">9.23</a>                  | <a href="#">\$29.95*</a>  |
| <a href="#">GeForce GT 520MX</a>                                   | 298                                     | 1357                      | NA                                    | NA                        |
| <a href="#">GeForce GT 525M</a>                                    | 433                                     | 1245                      | NA                                    | NA                        |
| <a href="#">GeForce GT 530</a>                                     | 675                                     | 969                       | <a href="#">13.78</a>                 | <a href="#">\$49.00*</a>  |
| <a href="#">GeForce GT 540M</a>                                    | 504                                     | 1165                      | <a href="#">5.74</a>                  | <a href="#">\$87.95*</a>  |
| <a href="#">GeForce GT 545</a>                                     | 1079                                    | 662                       | <a href="#">19.42</a>                 | <a href="#">\$55.59*</a>  |
| <a href="#">GeForce GT 550M</a>                                    | 581                                     | 1070                      | NA                                    | NA                        |
| <a href="#">GeForce GT 555M</a>                                    | 700                                     | 943                       | NA                                    | NA                        |
| <a href="#">GeForce GT 610</a>                                     | 296                                     | 1359                      | <a href="#">3.95</a>                  | <a href="#">\$74.99*</a>  |
| <a href="#">GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT</a> | 368                                     | 1292                      | NA                                    | NA                        |
| <a href="#">GeForce GT 620</a>                                     | 362                                     | 1301                      | <a href="#">9.06</a>                  | <a href="#">\$39.99*</a>  |
| <a href="#">GeForce GT 620M</a>                                    | 425                                     | 1251                      | NA                                    | NA                        |
| <a href="#">GeForce GT 625</a>                                     | 314                                     | 1342                      | NA                                    | NA                        |
| <a href="#">GeForce GT 625M</a>                                    | 435                                     | 1242                      | NA                                    | NA                        |
| <a href="#">GeForce GT 630</a>                                     | 665                                     | 972                       | <a href="#">1.16</a>                  | <a href="#">\$575.00*</a> |
| <a href="#">GeForce GT 630M</a>                                    | 541                                     | 1130                      | NA                                    | NA                        |
| <a href="#">GeForce GT 635</a>                                     | 831                                     | 818                       | <a href="#">12.43</a>                 | <a href="#">\$66.94*</a>  |
| <a href="#">GeForce GT 635M</a>                                    | 573                                     | 1085                      | NA                                    | NA                        |
| <a href="#">GeForce GT 640</a>                                     | 1171                                    | 625                       | <a href="#">7.10</a>                  | <a href="#">\$165.00*</a> |
| <a href="#">GeForce GT 640M</a>                                    | 894                                     | 775                       | NA                                    | NA                        |

| Videocard Name  | Passmark G3D<br>Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)            |
|---|--|---------------------------|---------------------------------------|---------------------------|
| <a href="#">GeForce GT 640M LE</a>                    | 693  | 950                       | <a href="#">0.82</a>                  | <a href="#">\$849.99*</a> |
| <a href="#">GeForce GT 645</a>                        | 2005                                       | 425                       | NA                                    | NA                        |
| <a href="#">GeForce GT 645M</a>                       | 950  | 732                       | NA                                    | NA                        |
| <a href="#">GeForce GT 650M</a>                       | 1171                                       | 626                       | NA                                    | NA                        |
| <a href="#">GeForce GT 705</a>                        | 326  | 1330                      | NA                                    | NA                        |
| <a href="#">GeForce GT 710</a>                        | 638  | 1001                      | <a href="#">17.74</a>                 | <a href="#">\$35.99</a>   |
| <a href="#">GeForce GT 710M</a>                       | 437  | 1237                      | NA                                    | NA                        |
| <a href="#">GeForce GT 720</a>                        | 575  | 1078                      | <a href="#">5.75</a>                  | <a href="#">\$99.99*</a>  |
| <a href="#">GeForce GT 720A</a>                       | 613  | 1036                      | NA                                    | NA                        |
| <a href="#">GeForce GT 720M</a>                       | 452  | 1219                      | NA                                    | NA                        |
| <a href="#">GeForce GT 730</a>                        | 805  | 837                       | <a href="#">10.53</a>                 | <a href="#">\$76.50</a>   |
| <a href="#">GeForce GT 730A</a>                       | 742  | 901                       | NA                                    | NA                        |
| <a href="#">GeForce GT 730M</a>                       | 842  | 807                       | NA                                    | NA                        |
| <a href="#">GeForce GT 735M</a>                       | 661  | 977                       | NA                                    | NA                        |
| <a href="#">GeForce GT 740</a>                        | 1546                                       | 523                       | <a href="#">10.02</a>                 | <a href="#">\$154.32*</a> |
| <a href="#">GeForce GT 740A</a>                       | 707  | 934                       | NA                                    | NA                        |
| <a href="#">GeForce GT 740M</a>                       | 787  | 849                       | NA                                    | NA                        |
| <a href="#">GeForce GT 745A</a>                       | 1144                                       | 634                       | NA                                    | NA                        |
| <a href="#">GeForce GT 745M</a>                       | 978  | 714                       | NA                                    | NA                        |
| <a href="#">GeForce GT 750M</a>                       | 1352                                       | 568                       | NA                                    | NA                        |
| <a href="#">GeForce GT 755M</a>                       | 1641                                       | 506                       | NA                                    | NA                        |
| <a href="#">GeForce GT 820M</a>                       | 669  | 970                       | NA                                    | NA                        |
| <a href="#">GeForce GT625M</a>                        | 507  | 1164                      | NA                                    | NA                        |
| <a href="#">GeForce GTS 150M</a>                      | 504  | 1166                      | NA                                    | NA                        |
| <a href="#">GeForce GTS 160M</a>                      | 678  | 963                       | NA                                    | NA                        |
| <a href="#">GeForce GTS 240</a>                       | 630  | 1017                      | <a href="#">9.70</a>                  | <a href="#">\$64.99*</a>  |
| <a href="#">GeForce GTS 250</a>                       | 613  | 1038                      | <a href="#">6.81</a>                  | <a href="#">\$89.99*</a>  |
| <a href="#">GeForce GTS 250M</a>                      | 542  | 1129                      | NA                                    | NA                        |
| <a href="#">GeForce GTS 350M</a>                      | 427  | 1250                      | NA                                    | NA                        |
| <a href="#">GeForce GTS 360M</a>                      | 653  | 987                       | NA                                    | NA                        |
| <a href="#">GeForce GTS 450</a>                       | 1237                                       | 603                       | <a href="#">15.47</a>                 | <a href="#">\$79.99*</a>  |
| <a href="#">GeForce GTX 1050</a>                      | 5337                                       | 180                       | <a href="#">33.47</a>                 | <a href="#">\$159.45</a>  |
| <a href="#">GeForce GTX 1050 (Mobile)</a>             | 4461                                       | 213                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 1050 Ti</a>                   | 6367                                       | 152                       | <a href="#">45.49</a>                 | <a href="#">\$139.99</a>  |
| <a href="#">GeForce GTX 1050 Ti (Mobile)</a>          | 5918                                       | 163                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 1050 Ti with Max-Q Design</a> | 5611                                       | 170                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 1050 with Max-Q Design</a>    | 3949                                       | 242                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 1060</a>                      | 10123                                      | 81                        | <a href="#">31.07</a>                 | <a href="#">\$325.88*</a> |
| <a href="#">GeForce GTX 1060 (Mobile)</a>             | 8160                                       | 115                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 1060 3GB</a>                  | 9594                                       | 90                        | <a href="#">38.79</a>                 | <a href="#">\$247.37*</a> |
| <a href="#">GeForce GTX 1060 5GB</a>                  | 4140                                       | 232                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 1060 with Max-Q Design</a>    | 8042                                       | 118                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 1070</a>                      | 13309                                      | 47                        | <a href="#">29.99</a>                 | <a href="#">\$443.78*</a> |
| <a href="#">GeForce GTX 1070 (Mobile)</a>             | 10465                                      | 78                        | NA                                    | NA                        |
| <a href="#">GeForce GTX 1070 Ti</a>                   | 14070                                      | 38                        | <a href="#">25.58</a>                 | <a href="#">\$549.99*</a> |
| <a href="#">GeForce GTX 1070 with Max-Q Design</a>    | 10166                                      | 80                        | NA                                    | NA                        |
| <a href="#">GeForce GTX 1080</a>                      | 14805                                      | 31                        | <a href="#">38.96</a>                 | <a href="#">\$379.99*</a> |
| <a href="#">GeForce GTX 1080 Ti</a>                   | 17650                                      | 15                        | <a href="#">22.06</a>                 | <a href="#">\$800.08*</a> |
| <a href="#">GeForce GTX 1080 with Max-Q Design</a>    | 11371                                      | 69                        | NA                                    | NA                        |
| <a href="#">GeForce GTX 1650</a>                      | 7709                                       | 127                       | <a href="#">55.07</a>                 | <a href="#">\$139.99</a>  |
| <a href="#">GeForce GTX 1650 (Mobile)</a>             | 6968                                       | 138                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 1650 SUPER</a>                | 9815                                       | 83                        | <a href="#">61.35</a>                 | <a href="#">\$159.99</a>  |
| <a href="#">GeForce GTX 1650 Ti</a>                   | 7583                                       | 129                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 1650 Ti with Max-Q Design</a> | 6069                                       | 158                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 1650 with Max-Q Design</a>    | 5817                                       | 166                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 1660</a>                      | 11563                                      | 65                        | <a href="#">50.28</a>                 | <a href="#">\$229.99</a>  |
| <a href="#">GeForce GTX 1660 SUPER</a>                | 12678                                      | 53                        | <a href="#">52.83</a>                 | <a href="#">\$239.99</a>  |

| Videocard Name  | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)            |
|---|---|---------------------------|---------------------------------------|---------------------------|
| <a href="#">GeForce GTX 1660 Ti</a>                   | 12139                                   | 60                        | <a href="#">40.47</a>                 | <a href="#">\$299.99</a>  |
| <a href="#">GeForce GTX 1660 Ti (Mobile)</a>          | 10176                                   | 79                        | NA                                    | NA                        |
| <a href="#">GeForce GTX 1660 Ti with Max-Q Design</a> | 8607                                    | 104                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 260</a>                       | 1219                                    | 611                       | <a href="#">12.79</a>                 | <a href="#">\$95.38*</a>  |
| <a href="#">GeForce GTX 260M</a>                      | 497                                     | 1172                      | NA                                    | NA                        |
| <a href="#">GeForce GTX 275</a>                       | 1444                                    | 548                       | <a href="#">12.04</a>                 | <a href="#">\$119.99*</a> |
| <a href="#">GeForce GTX 280</a>                       | 1040                                    | 684                       | <a href="#">1.99</a>                  | <a href="#">\$522.78*</a> |
| <a href="#">GeForce GTX 280M</a>                      | 621                                     | 1027                      | NA                                    | NA                        |
| <a href="#">GeForce GTX 285</a>                       | 1555                                    | 521                       | <a href="#">8.64</a>                  | <a href="#">\$179.99*</a> |
| <a href="#">GeForce GTX 285M</a>                      | 675                                     | 968                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 295</a>                       | 1131                                    | 640                       | <a href="#">7.07</a>                  | <a href="#">\$159.99*</a> |
| <a href="#">GeForce GTX 460</a>                       | 2280                                    | 382                       | <a href="#">13.44</a>                 | <a href="#">\$169.71*</a> |
| <a href="#">GeForce GTX 460 SE</a>                    | 1961                                    | 441                       | <a href="#">12.26</a>                 | <a href="#">\$159.99*</a> |
| <a href="#">GeForce GTX 460 v2</a>                    | 2011                                    | 422                       | <a href="#">10.06</a>                 | <a href="#">\$199.99*</a> |
| <a href="#">GeForce GTX 460M</a>                      | 1144                                    | 635                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 465</a>                       | 2825                                    | 327                       | <a href="#">10.73</a>                 | <a href="#">\$263.28*</a> |
| <a href="#">GeForce GTX 470</a>                       | 3221                                    | 293                       | <a href="#">6.17</a>                  | <a href="#">\$522.01*</a> |
| <a href="#">GeForce GTX 470M</a>                      | 1949                                    | 446                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 480</a>                       | 4045                                    | 236                       | <a href="#">6.99</a>                  | <a href="#">\$579.00*</a> |
| <a href="#">GeForce GTX 480M</a>                      | 2050                                    | 415                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 485M</a>                      | 2400                                    | 368                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 550 Ti</a>                    | 1578                                    | 514                       | <a href="#">12.02</a>                 | <a href="#">\$131.28*</a> |
| <a href="#">GeForce GTX 555</a>                       | 1935                                    | 448                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 560</a>                       | 2712                                    | 339                       | <a href="#">9.21</a>                  | <a href="#">\$294.48*</a> |
| <a href="#">GeForce GTX 560 SE</a>                    | 1879                                    | 458                       | <a href="#">20.89</a>                 | <a href="#">\$89.99*</a>  |
| <a href="#">GeForce GTX 560 Ti</a>                    | 3067                                    | 309                       | <a href="#">37.59</a>                 | <a href="#">\$81.60*</a>  |
| <a href="#">GeForce GTX 560M</a>                      | 1332                                    | 573                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 570</a>                       | 3840                                    | 254                       | <a href="#">12.86</a>                 | <a href="#">\$298.68*</a> |
| <a href="#">GeForce GTX 570M</a>                      | 1997                                    | 428                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 580</a>                       | 4520                                    | 211                       | <a href="#">31.11</a>                 | <a href="#">\$145.32*</a> |
| <a href="#">GeForce GTX 580M</a>                      | 2279                                    | 384                       | <a href="#">9.17</a>                  | <a href="#">\$248.68*</a> |
| <a href="#">GeForce GTX 590</a>                       | 3339                                    | 287                       | <a href="#">18.15</a>                 | <a href="#">\$184.00*</a> |
| <a href="#">GeForce GTX 645</a>                       | 1884                                    | 457                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 650</a>                       | 1754                                    | 486                       | <a href="#">19.64</a>                 | <a href="#">\$89.35*</a>  |
| <a href="#">GeForce GTX 650 Ti</a>                    | 2537                                    | 354                       | <a href="#">13.77</a>                 | <a href="#">\$184.32*</a> |
| <a href="#">GeForce GTX 650 Ti BOOST</a>              | 3270                                    | 290                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 660</a>                       | 3928                                    | 244                       | <a href="#">31.44</a>                 | <a href="#">\$124.97*</a> |
| <a href="#">GeForce GTX 660 Ti</a>                    | 4360                                    | 219                       | <a href="#">8.96</a>                  | <a href="#">\$486.68*</a> |
| <a href="#">GeForce GTX 660M</a>                      | 1490                                    | 539                       | <a href="#">18.86</a>                 | <a href="#">\$78.99*</a>  |
| <a href="#">GeForce GTX 670</a>                       | 5312                                    | 181                       | <a href="#">35.65</a>                 | <a href="#">\$149.00*</a> |
| <a href="#">GeForce GTX 670M</a>                      | 1731                                    | 489                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 670MX</a>                     | 1829                                    | 469                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 675M</a>                      | 2024                                    | 420                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 675MX</a>                     | 1972                                    | 435                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 680</a>                       | 5581                                    | 171                       | <a href="#">31.01</a>                 | <a href="#">\$179.99*</a> |
| <a href="#">GeForce GTX 680M</a>                      | 3166                                    | 298                       | <a href="#">23.28</a>                 | <a href="#">\$135.99*</a> |
| <a href="#">GeForce GTX 680M KY_Bullet Edition</a>    | 3568                                    | 263                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 680MX</a>                     | 4270                                    | 224                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 690</a>                       | 5779                                    | 167                       | <a href="#">21.89</a>                 | <a href="#">\$264.10*</a> |
| <a href="#">GeForce GTX 745</a>                       | 2198                                    | 397                       | <a href="#">17.72</a>                 | <a href="#">\$124.04*</a> |
| <a href="#">GeForce GTX 750</a>                       | 3421                                    | 280                       | <a href="#">26.32</a>                 | <a href="#">\$129.99*</a> |
| <a href="#">GeForce GTX 750 Ti</a>                    | 3941                                    | 243                       | <a href="#">25.38</a>                 | <a href="#">\$155.32*</a> |
| <a href="#">GeForce GTX 760</a>                       | 4751                                    | 202                       | <a href="#">29.63</a>                 | <a href="#">\$160.32*</a> |
| <a href="#">GeForce GTX 760 Ti</a>                    | 5118                                    | 190                       | <a href="#">17.21</a>                 | <a href="#">\$297.50*</a> |
| <a href="#">GeForce GTX 760 Ti OEM</a>                | 5224                                    | 185                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 760A</a>                      | 1281                                    | 588                       | NA                                    | NA                        |
| <a href="#">GeForce GTX 760M</a>                      | 1649                                    | 503                       | NA                                    | NA                        |

| Videocard Name   | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)              |
|--|---|---------------------------|---------------------------------------|-----------------------------|
| <a href="#">GeForce GTX 765M</a>                         | 1994                                    | 430                       | NA                                    | NA                          |
| <a href="#">GeForce GTX 770</a>                          | 5882                                    | 165                       | <a href="#">53.50</a>                 | <a href="#">\$109.95*</a>   |
| <a href="#">GeForce GTX 770M</a>                         | 2773                                    | 331                       | <a href="#">20.10</a>                 | <a href="#">\$138.00*</a>   |
| <a href="#">GeForce GTX 775M</a>                         | 4222                                    | 228                       | NA                                    | NA                          |
| <a href="#">GeForce GTX 780</a>                          | 7999                                    | 119                       | <a href="#">61.54</a>                 | <a href="#">\$129.99*</a>   |
| <a href="#">GeForce GTX 780 Ti</a>                       | 9217                                    | 94                        | <a href="#">40.95</a>                 | <a href="#">\$225.10*</a>   |
| <a href="#">GeForce GTX 780M</a>                         | 3989                                    | 240                       | <a href="#">21.00</a>                 | <a href="#">\$189.99*</a>   |
| <a href="#">GeForce GTX 850A</a>                         | 1049                                    | 678                       | NA                                    | NA                          |
| <a href="#">GeForce GTX 850M</a>                         | 2599                                    | 350                       | NA                                    | NA                          |
| <a href="#">GeForce GTX 850M - MODDED</a>                | 1091                                    | 659                       | NA                                    | NA                          |
| <a href="#">GeForce GTX 860M</a>                         | 3276                                    | 288                       | NA                                    | NA                          |
| <a href="#">GeForce GTX 870M</a>                         | 3454                                    | 275                       | NA                                    | NA                          |
| <a href="#">GeForce GTX 880M</a>                         | 3966                                    | 241                       | NA                                    | NA                          |
| <a href="#">GeForce GTX 950</a>                          | 5383                                    | 178                       | <a href="#">62.60</a>                 | <a href="#">\$86.00*</a>    |
| <a href="#">GeForce GTX 950A</a>                         | 2432                                    | 364                       | NA                                    | NA                          |
| <a href="#">GeForce GTX 950M</a>                         | 2629                                    | 347                       | <a href="#">4.64</a>                  | <a href="#">\$567.00*</a>   |
| <a href="#">GeForce GTX 960</a>                          | 5998                                    | 160                       | <a href="#">52.96</a>                 | <a href="#">\$113.27*</a>   |
| <a href="#">GeForce GTX 960A</a>                         | 2410                                    | 366                       | NA                                    | NA                          |
| <a href="#">GeForce GTX 960M</a>                         | 3491                                    | 270                       | <a href="#">2.99</a>                  | <a href="#">\$1,169.00*</a> |
| <a href="#">GeForce GTX 965M</a>                         | 3926                                    | 245                       | NA                                    | NA                          |
| <a href="#">GeForce GTX 970</a>                          | 9656                                    | 89                        | <a href="#">48.91</a>                 | <a href="#">\$197.44*</a>   |
| <a href="#">GeForce GTX 970M</a>                         | 5761                                    | 168                       | <a href="#">27.44</a>                 | <a href="#">\$209.99*</a>   |
| <a href="#">GeForce GTX 970XM FORCE</a>                  | 6706                                    | 145                       | NA                                    | NA                          |
| <a href="#">GeForce GTX 980</a>                          | 11043                                   | 73                        | <a href="#">49.50</a>                 | <a href="#">\$223.10*</a>   |
| <a href="#">GeForce GTX 980 Ti</a>                       | 13788                                   | 42                        | <a href="#">44.59</a>                 | <a href="#">\$309.20*</a>   |
| <a href="#">GeForce GTX 980M</a>                         | 7380                                    | 133                       | <a href="#">25.45</a>                 | <a href="#">\$289.99*</a>   |
| <a href="#">GeForce GTX Titan</a>                        | 8698                                    | 103                       | <a href="#">28.06</a>                 | <a href="#">\$310.00*</a>   |
| <a href="#">GeForce GTX TITAN Black</a>                  | 9084                                    | 97                        | <a href="#">20.97</a>                 | <a href="#">\$433.10*</a>   |
| <a href="#">GeForce GTX TITAN X</a>                      | 12812                                   | 51                        | <a href="#">21.35</a>                 | <a href="#">\$599.99*</a>   |
| <a href="#">GeForce GTX TITAN Z</a>                      | 8237                                    | 113                       | <a href="#">8.96</a>                  | <a href="#">\$919.10*</a>   |
| <a href="#">GeForce MX110</a>                            | 1484                                    | 541                       | NA                                    | NA                          |
| <a href="#">GeForce MX130</a>                            | 1925                                    | 450                       | NA                                    | NA                          |
| <a href="#">GeForce MX150</a>                            | 2362                                    | 373                       | NA                                    | NA                          |
| <a href="#">GeForce MX230</a>                            | 1960                                    | 442                       | NA                                    | NA                          |
| <a href="#">GeForce MX250</a>                            | 2585                                    | 351                       | NA                                    | NA                          |
| <a href="#">GeForce MX330</a>                            | 2719                                    | 338                       | NA                                    | NA                          |
| <a href="#">GeForce MX350</a>                            | 3006                                    | 314                       | NA                                    | NA                          |
| <a href="#">GeForce MX450</a>                            | 3475                                    | 273                       | NA                                    | NA                          |
| <a href="#">GeForce PCX 5300</a>                         | 6                                       | 1997                      | NA                                    | NA                          |
| <a href="#">GeForce PCX 5750</a>                         | 34                                      | 1867                      | NA                                    | NA                          |
| <a href="#">GeForce PCX 5900</a>                         | 34                                      | 1873                      | NA                                    | NA                          |
| <a href="#">GeForce RTX 2060</a>                         | 14029                                   | 39                        | <a href="#">44.54</a>                 | <a href="#">\$314.99*</a>   |
| <a href="#">GeForce RTX 2060 (Mobile)</a>                | 11354                                   | 70                        | NA                                    | NA                          |
| <a href="#">GeForce RTX 2060 SUPER</a>                   | 16398                                   | 23                        | <a href="#">39.05</a>                 | <a href="#">\$419.99</a>    |
| <a href="#">GeForce RTX 2060 with Max-Q Design</a>       | 9834                                    | 82                        | NA                                    | NA                          |
| <a href="#">GeForce RTX 2070</a>                         | 16137                                   | 24                        | <a href="#">38.42</a>                 | <a href="#">\$419.99</a>    |
| <a href="#">GeForce RTX 2070 (Mobile)</a>                | 12354                                   | 55                        | NA                                    | NA                          |
| <a href="#">GeForce RTX 2070 SUPER</a>                   | 18119                                   | 14                        | <a href="#">34.51</a>                 | <a href="#">\$524.99</a>    |
| <a href="#">GeForce RTX 2070 Super with Max-Q Design</a> | 14706                                   | 33                        | NA                                    | NA                          |
| <a href="#">GeForce RTX 2070 with Max-Q Design</a>       | 12335                                   | 56                        | NA                                    | NA                          |
| <a href="#">GeForce RTX 2080</a>                         | 18560                                   | 12                        | <a href="#">23.20</a>                 | <a href="#">\$799.99*</a>   |
| <a href="#">GeForce RTX 2080 (Mobile)</a>                | 15107                                   | 26                        | NA                                    | NA                          |
| <a href="#">GeForce RTX 2080 SUPER</a>                   | 19404                                   | 10                        | <a href="#">26.95</a>                 | <a href="#">\$719.99</a>    |
| <a href="#">GeForce RTX 2080 Super with Max-Q Design</a> | 13831                                   | 41                        | NA                                    | NA                          |
| <a href="#">GeForce RTX 2080 Ti</a>                      | 21558                                   | 4                         | <a href="#">15.97</a>                 | <a href="#">\$1,349.99</a>  |
| <a href="#">GeForce RTX 2080 with Max-Q Design</a>       | 13916                                   | 40                        | <a href="#">6.63</a>                  | <a href="#">\$2,099.99*</a> |
| <a href="#">GeForce RTX 3070</a>                         | 21372                                   | 5                         | <a href="#">42.83</a>                 | <a href="#">\$499.00*</a>   |
| <a href="#">GeForce RTX 3080</a>                         | 23624                                   | 3                         | <a href="#">27.79</a>                 | <a href="#">\$849.99*</a>   |

| Videocard Name                                    | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)              |
|---|---|---------------------------|---------------------------------------|-----------------------------|
| <a href="#">GeForce RTX 3090</a>                  | 25007                                   | 1                         | <a href="#">15.63</a>                 | <a href="#">\$1,599.99*</a> |
| <a href="#">GeForce2 Go</a>                       | 4                                       | 2053                      | NA                                    | NA                          |
| <a href="#">GeForce2 GTS/GeForce2 Pro</a>         | 3                                       | 2058                      | NA                                    | NA                          |
| <a href="#">GeForce2 Integrated GPU</a>           | 4                                       | 2046                      | NA                                    | NA                          |
| <a href="#">GeForce2 MX</a>                       | 2                                       | 2097                      | NA                                    | NA                          |
| <a href="#">GeForce2 MX 100/200</a>               | 3                                       | 2081                      | NA                                    | NA                          |
| <a href="#">GeForce2 MX with DVI-D and TV-out</a> | 4                                       | 2030                      | NA                                    | NA                          |
| <a href="#">GeForce2 MX/MX 400</a>                | 3                                       | 2060                      | NA                                    | NA                          |
| <a href="#">GeForce2 Ti</a>                       | 4                                       | 2038                      | NA                                    | NA                          |
| <a href="#">GeForce2 Ultra</a>                    | 6                                       | 1994                      | NA                                    | NA                          |
| <a href="#">GeForce3</a>                          | 4                                       | 2027                      | NA                                    | NA                          |
| <a href="#">GeForce3 Ti 200</a>                   | 4                                       | 2055                      | NA                                    | NA                          |
| <a href="#">GeForce3 Ti 500</a>                   | 2                                       | 2107                      | NA                                    | NA                          |
| <a href="#">GeForce4 420 Go</a>                   | 3                                       | 2078                      | NA                                    | NA                          |
| <a href="#">GeForce4 420 Go 32M</a>               | 5                                       | 2016                      | NA                                    | NA                          |
| <a href="#">GeForce4 4200 Go</a>                  | 3                                       | 2059                      | NA                                    | NA                          |
| <a href="#">GeForce4 440</a>                      | 4                                       | 2024                      | NA                                    | NA                          |
| <a href="#">GeForce4 440 Go</a>                   | 3                                       | 2066                      | NA                                    | NA                          |
| <a href="#">GeForce4 440 Go 64M</a>               | 5                                       | 2001                      | NA                                    | NA                          |
| <a href="#">GeForce4 448 Go</a>                   | 5                                       | 2013                      | NA                                    | NA                          |
| <a href="#">GeForce4 MX 4000</a>                  | 4                                       | 2044                      | NA                                    | NA                          |
| <a href="#">GeForce4 MX 420</a>                   | 4                                       | 2031                      | NA                                    | NA                          |
| <a href="#">GeForce4 MX 440</a>                   | 4                                       | 2041                      | NA                                    | NA                          |
| <a href="#">GeForce4 MX 440 with AGP8X</a>        | 4                                       | 2028                      | NA                                    | NA                          |
| <a href="#">GeForce4 MX 440SE</a>                 | 4                                       | 2040                      | NA                                    | NA                          |
| <a href="#">GeForce4 MX 460</a>                   | 4                                       | 2052                      | NA                                    | NA                          |
| <a href="#">GeForce4 MX Integrated GPU</a>        | 6                                       | 1992                      | NA                                    | NA                          |
| <a href="#">GeForce4 Ti 4200</a>                  | 5                                       | 2012                      | NA                                    | NA                          |
| <a href="#">GeForce4 Ti 4400</a>                  | 7                                       | 1985                      | NA                                    | NA                          |
| <a href="#">GeForce4 Ti 4600</a>                  | 5                                       | 2014                      | <a href="#">0.10</a>                  | <a href="#">\$53.99*</a>    |
| <a href="#">GeForce4 Ti 4800</a>                  | 5                                       | 2003                      | NA                                    | NA                          |
| <a href="#">GeForce4 Ti 4800 SE</a>               | 6                                       | 1988                      | NA                                    | NA                          |
| <a href="#">GeForce9400M</a>                      | 105                                     | 1624                      | NA                                    | NA                          |
| <a href="#">GF117</a>                             | 554                                     | 1106                      | NA                                    | NA                          |
| <a href="#">GIGABYTE RADEON 9600 PRO</a>          | 39                                      | 1847                      | NA                                    | NA                          |
| <a href="#">Gigabyte RADEON X300</a>              | 40                                      | 1836                      | NA                                    | NA                          |
| <a href="#">GRID K1</a>                           | 810                                     | 835                       | <a href="#">2.05</a>                  | <a href="#">\$395.00*</a>   |
| <a href="#">GRID K120Q</a>                        | 293                                     | 1361                      | NA                                    | NA                          |
| <a href="#">GRID K140Q</a>                        | 727                                     | 911                       | NA                                    | NA                          |
| <a href="#">GRID K160Q</a>                        | 739                                     | 904                       | NA                                    | NA                          |
| <a href="#">GRID K180Q</a>                        | 556                                     | 1103                      | NA                                    | NA                          |
| <a href="#">GRID K2</a>                           | 3176                                    | 297                       | <a href="#">0.76</a>                  | <a href="#">\$4,197.14</a>  |
| <a href="#">GRID K220Q</a>                        | 912                                     | 764                       | NA                                    | NA                          |
| <a href="#">GRID K240Q</a>                        | 2143                                    | 403                       | NA                                    | NA                          |
| <a href="#">GRID K260Q</a>                        | 2940                                    | 317                       | NA                                    | NA                          |
| <a href="#">GRID K280Q</a>                        | 2362                                    | 374                       | NA                                    | NA                          |
| <a href="#">GRID K520</a>                         | 3177                                    | 296                       | <a href="#">4.24</a>                  | <a href="#">\$749.95*</a>   |
| <a href="#">GRID M10-0Q</a>                       | 913                                     | 760                       | NA                                    | NA                          |
| <a href="#">GRID M10-1B</a>                       | 2309                                    | 378                       | NA                                    | NA                          |
| <a href="#">GRID M10-1Q</a>                       | 3351                                    | 286                       | NA                                    | NA                          |
| <a href="#">GRID M10-2B</a>                       | 2416                                    | 365                       | NA                                    | NA                          |
| <a href="#">GRID M10-2Q</a>                       | 2653                                    | 344                       | NA                                    | NA                          |
| <a href="#">GRID M10-4Q</a>                       | 3223                                    | 292                       | NA                                    | NA                          |
| <a href="#">GRID M10-8Q</a>                       | 2606                                    | 349                       | NA                                    | NA                          |
| <a href="#">GRID M6-0B</a>                        | 911                                     | 765                       | NA                                    | NA                          |
| <a href="#">GRID M6-1Q</a>                        | 2069                                    | 412                       | NA                                    | NA                          |
| <a href="#">GRID M6-8Q</a>                        | 3568                                    | 264                       | NA                                    | NA                          |
| <a href="#">GRID M60-0B</a>                       | 1838                                    | 467                       | NA                                    | NA                          |

| Videocard Name   | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)            |
|--|---|---------------------------|---------------------------------------|---------------------------|
| <a href="#">GRID M60-0Q</a>  | 827                                     | 822                       | NA                                    | NA                        |
| <a href="#">GRID M60-1B</a>  | 4456                                    | 214                       | NA                                    | NA                        |
| <a href="#">GRID M60-1Q</a>  | 4250                                    | 227                       | NA                                    | NA                        |
| <a href="#">GRID M60-2Q</a>  | 5291                                    | 182                       | NA                                    | NA                        |
| <a href="#">GRID M60-4Q</a>  | 3831                                    | 255                       | NA                                    | NA                        |
| <a href="#">GRID M60-8A</a>  | 5523                                    | 175                       | NA                                    | NA                        |
| <a href="#">GRID M60-8Q</a>  | 3883                                    | 248                       | NA                                    | NA                        |
| <a href="#">GRID P100-16Q</a>                                      | 5944                                    | 161                       | NA                                    | NA                        |
| <a href="#">GRID P100-1B</a>                                       | 2223                                    | 394                       | NA                                    | NA                        |
| <a href="#">GRID P100-8Q</a>                                       | 3841                                    | 253                       | NA                                    | NA                        |
| <a href="#">GRID P40-24Q</a>                                       | 4727                                    | 203                       | NA                                    | NA                        |
| <a href="#">GRID P40-2B</a>  | 3354                                    | 285                       | NA                                    | NA                        |
| <a href="#">GRID P40-2Q</a>  | 4287                                    | 223                       | NA                                    | NA                        |
| <a href="#">GRID P40-3Q</a>  | 681                                     | 960                       | NA                                    | NA                        |
| <a href="#">GRID P40-4Q</a>  | 777                                     | 856                       | NA                                    | NA                        |
| <a href="#">GRID P6-2Q</a>   | 4000                                    | 239                       | NA                                    | NA                        |
| <a href="#">GRID P6-4Q</a>   | 4429                                    | 217                       | NA                                    | NA                        |
| <a href="#">GRID RTX8000P-2Q</a>                                   | 3843                                    | 252                       | NA                                    | NA                        |
| <a href="#">GRID V100-8Q</a>                                       | 16                                      | 1948                      | NA                                    | NA                        |
| <a href="#">GRID V100D-8Q</a>                                      | 4155                                    | 231                       | NA                                    | NA                        |
| <a href="#">GT 430</a>   | 223                                     | 1418                      | <a href="#">1.56</a>                  | <a href="#">\$142.88*</a> |
| <a href="#">HD6450</a>   | 220                                     | 1421                      | <a href="#">5.52</a>                  | <a href="#">\$39.99*</a>  |
| <a href="#">HIS DIGITAL HD 4650 AGP</a>                            | 452                                     | 1221                      | NA                                    | NA                        |
| <a href="#">IGP 340M</a>   | 1                                       | 2120                      | NA                                    | NA                        |
| <a href="#">IncredibIE HD</a>                                      | 389                                     | 1273                      | NA                                    | NA                        |
| <a href="#">IncredibIE HD 4000</a>                                 | 517                                     | 1149                      | NA                                    | NA                        |
| <a href="#">IncredibIE HD 4600</a>                                 | 749                                     | 889                       | NA                                    | NA                        |
| <a href="#">Intel - Express Chipset G41</a>                        | 56                                      | 1789                      | NA                                    | NA                        |
| <a href="#">Intel - Express Chipset Q45/Q43</a>                    | 57                                      | 1783                      | NA                                    | NA                        |
| <a href="#">Intel 2nd Generation SandyBridge HD</a>                | 212                                     | 1438                      | NA                                    | NA                        |
| <a href="#">Intel 2nd Generation SandyBridge HD 3000</a>           | 205                                     | 1452                      | NA                                    | NA                        |
| <a href="#">Intel 4th Generation Haswell HD</a>                    | 419                                     | 1258                      | NA                                    | NA                        |
| <a href="#">Intel 82845G Controller</a>                            | 2                                       | 2113                      | NA                                    | NA                        |
| <a href="#">Intel 82845G/GL Controller</a>                         | 2                                       | 2102                      | NA                                    | NA                        |
| <a href="#">Intel 82845G/GL/GE/PE/GV Controller</a>                | 2                                       | 2092                      | NA                                    | NA                        |
| <a href="#">Intel 82852/82855 GM/GME Controller</a>                | 1                                       | 2123                      | NA                                    | NA                        |
| <a href="#">Intel 82865G Controller</a>                            | 4                                       | 2035                      | NA                                    | NA                        |
| <a href="#">Intel 82915G Express</a>                               | 5                                       | 2007                      | NA                                    | NA                        |
| <a href="#">Intel 82915G/915GV/910GL</a>                           | 3                                       | 2067                      | NA                                    | NA                        |
| <a href="#">Intel 82915G/GV/910GL Advanced v3.5</a>                | 2                                       | 2101                      | NA                                    | NA                        |
| <a href="#">Intel 82915G/GV/910GL Express</a>                      | 3                                       | 2087                      | NA                                    | NA                        |
| <a href="#">Intel 82945G Express</a>                               | 247                                     | 1400                      | NA                                    | NA                        |
| <a href="#">Intel 82945G Express-Chipsatzfamilie</a>               | 8                                       | 1977                      | NA                                    | NA                        |
| <a href="#">Intel 865 Embedded Controller</a>                      | 3                                       | 2068                      | NA                                    | NA                        |
| <a href="#">Intel 915G,910G Express</a>                            | 4                                       | 2057                      | NA                                    | NA                        |
| <a href="#">Intel 915G/915GV/910GL Embedded Controller Functio</a> | 4                                       | 2036                      | NA                                    | NA                        |
| <a href="#">Intel 945G Embedded Chipset Function 0</a>             | 4                                       | 2043                      | NA                                    | NA                        |
| <a href="#">Intel 946GZ Embedded Chipset Function 0</a>            | 3                                       | 2082                      | NA                                    | NA                        |
| <a href="#">Intel 946GZ Express</a>                                | 6                                       | 1996                      | NA                                    | NA                        |
| <a href="#">Intel B43 Express Chipset</a>                          | 68                                      | 1749                      | NA                                    | NA                        |
| <a href="#">Intel Coffee Lake UHD</a>                              | 1158                                    | 630                       | NA                                    | NA                        |
| <a href="#">Intel Extreme Controller</a>                           | 1                                       | 2115                      | NA                                    | NA                        |
| <a href="#">Intel G33/G31 Express</a>                              | 1692                                    | 492                       | NA                                    | NA                        |
| <a href="#">Intel G35 Express</a>                                  | 3090                                    | 304                       | NA                                    | NA                        |
| <a href="#">Intel G41 Express Chipset</a>                          | 57                                      | 1782                      | NA                                    | NA                        |
| <a href="#">Intel G41 Express-Chipsatz</a>                         | 57                                      | 1785                      | NA                                    | NA                        |

| Videocard Name                                    | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)              |
|---|---|---------------------------|---------------------------------------|-----------------------------|
| <a href="#">Intel G45/G43 Express Chipset</a>     | 55                                      | 1792                      | NA                                    | NA                          |
| <a href="#">Intel G45/G43/G41 Express Chipset</a> | 67                                      | 1751                      | NA                                    | NA                          |
| <a href="#">Intel G965 Express</a>                | 18                                      | 1938                      | NA                                    | NA                          |
| <a href="#">Intel GMA 3150 Express</a>            | 2                                       | 2108                      | NA                                    | NA                          |
| <a href="#">Intel Haswell HD - GT1</a>            | 123                                     | 1565                      | NA                                    | NA                          |
| <a href="#">Intel Haswell HD - GT2</a>            | 139                                     | 1526                      | NA                                    | NA                          |
| <a href="#">Intel HD 2000</a>                     | 213                                     | 1437                      | NA                                    | NA                          |
| <a href="#">Intel HD 3000</a>                     | 256                                     | 1390                      | <a href="#">0.27</a>                  | <a href="#">\$945.00*</a>   |
| <a href="#">Intel HD 4000</a>                     | 330                                     | 1325                      | <a href="#">0.21</a>                  | <a href="#">\$1,592.95*</a> |
| <a href="#">Intel HD 4400</a>                     | 528                                     | 1140                      | NA                                    | NA                          |
| <a href="#">Intel HD 4600</a>                     | 634                                     | 1010                      | NA                                    | NA                          |
| <a href="#">Intel HD 500</a>                      | 310                                     | 1346                      | NA                                    | NA                          |
| <a href="#">Intel HD 5000</a>                     | 563                                     | 1095                      | <a href="#">0.90</a>                  | <a href="#">\$625.00*</a>   |
| <a href="#">Intel HD 505</a>                      | 356                                     | 1303                      | NA                                    | NA                          |
| <a href="#">Intel HD 510</a>                      | 623                                     | 1025                      | NA                                    | NA                          |
| <a href="#">Intel HD 515</a>                      | 610                                     | 1043                      | NA                                    | NA                          |
| <a href="#">Intel HD 520</a>                      | 857                                     | 798                       | NA                                    | NA                          |
| <a href="#">Intel HD 5200</a>                     | 830                                     | 820                       | NA                                    | NA                          |
| <a href="#">Intel HD 530</a>                      | 991                                     | 707                       | NA                                    | NA                          |
| <a href="#">Intel HD 5300</a>                     | 410                                     | 1259                      | NA                                    | NA                          |
| <a href="#">Intel HD 5500</a>                     | 579                                     | 1072                      | NA                                    | NA                          |
| <a href="#">Intel HD 5600</a>                     | 712                                     | 930                       | NA                                    | NA                          |
| <a href="#">Intel HD 6000</a>                     | 827                                     | 823                       | NA                                    | NA                          |
| <a href="#">Intel HD 610</a>                      | 669                                     | 971                       | NA                                    | NA                          |
| <a href="#">Intel HD 615</a>                      | 755                                     | 883                       | NA                                    | NA                          |
| <a href="#">Intel HD 630</a>                      | 1178                                    | 623                       | NA                                    | NA                          |
| <a href="#">Intel HD Family</a>                   | 455                                     | 1215                      | NA                                    | NA                          |
| <a href="#">Intel HD Graphics 620</a>             | 923                                     | 757                       | NA                                    | NA                          |
| <a href="#">Intel HD manual-15.28-1861</a>        | 62                                      | 1766                      | NA                                    | NA                          |
| <a href="#">Intel HD manual-gen9_2015-133271</a>  | 165                                     | 1494                      | NA                                    | NA                          |
| <a href="#">Intel HD Modded</a>                   | 112                                     | 1601                      | NA                                    | NA                          |
| <a href="#">Intel HD P3000</a>                    | 282                                     | 1372                      | NA                                    | NA                          |
| <a href="#">Intel HD P4000</a>                    | 516                                     | 1151                      | NA                                    | NA                          |
| <a href="#">Intel HD P4600</a>                    | 604                                     | 1049                      | NA                                    | NA                          |
| <a href="#">Intel HD P4600/P4700</a>              | 644                                     | 995                       | NA                                    | NA                          |
| <a href="#">Intel HD P530</a>                     | 1453                                    | 546                       | NA                                    | NA                          |
| <a href="#">Intel HD P630</a>                     | 1276                                    | 590                       | NA                                    | NA                          |
| <a href="#">Intel Infoshock HD</a>                | 193                                     | 1464                      | NA                                    | NA                          |
| <a href="#">Intel Iris 5100</a>                   | 763                                     | 873                       | NA                                    | NA                          |
| <a href="#">Intel Iris 540</a>                    | 1224                                    | 608                       | NA                                    | NA                          |
| <a href="#">Intel Iris 550</a>                    | 1419                                    | 555                       | NA                                    | NA                          |
| <a href="#">Intel Iris 6100</a>                   | 850                                     | 805                       | NA                                    | NA                          |
| <a href="#">Intel Iris 650</a>                    | 1794                                    | 477                       | NA                                    | NA                          |
| <a href="#">Intel Iris Plus</a>                   | 1888                                    | 456                       | NA                                    | NA                          |
| <a href="#">Intel Iris Plus 640</a>               | 1312                                    | 580                       | NA                                    | NA                          |
| <a href="#">Intel Iris Plus 645</a>               | 1789                                    | 478                       | NA                                    | NA                          |
| <a href="#">Intel Iris Plus 650</a>               | 1588                                    | 512                       | NA                                    | NA                          |
| <a href="#">Intel Iris Plus 655</a>               | 1812                                    | 473                       | NA                                    | NA                          |
| <a href="#">Intel Iris Pro 5200</a>               | 1008                                    | 698                       | NA                                    | NA                          |
| <a href="#">Intel Iris Pro 580</a>                | 2006                                    | 424                       | NA                                    | NA                          |
| <a href="#">Intel Iris Pro 6100</a>               | 925                                     | 754                       | NA                                    | NA                          |
| <a href="#">Intel Iris Pro Graphics 6200</a>      | 1490                                    | 538                       | NA                                    | NA                          |
| <a href="#">Intel Iris Pro P580</a>               | 2168                                    | 400                       | NA                                    | NA                          |
| <a href="#">Intel Iris Pro P6300</a>              | 1423                                    | 554                       | NA                                    | NA                          |
| <a href="#">Intel Iris Xe</a>                     | 3028                                    | 311                       | NA                                    | NA                          |
| <a href="#">Intel Media Accelerator</a>           | 32                                      | 1880                      | NA                                    | NA                          |
| <a href="#">Intel Media Accelerator 3150</a>      | 2                                       | 2091                      | NA                                    | NA                          |
| <a href="#">Intel Media Accelerator 500</a>       | 3                                       | 2075                      | NA                                    | NA                          |

| Videocard Name   | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)            |
|--|---|---------------------------|---------------------------------------|---------------------------|
| <a href="#">Intel Media Accelerator 600</a>              | 6                                       | 1987                      | NA                                    | NA                        |
| <a href="#">Intel Media Accelerator HD</a>               | 99                                      | 1643                      | NA                                    | NA                        |
| <a href="#">Intel Poison Ivy</a>                         | 738                                     | 905                       | NA                                    | NA                        |
| <a href="#">Intel Q33 Express</a>                        | 10                                      | 1962                      | NA                                    | NA                        |
| <a href="#">Intel Q35 Embedded</a>                       | 8                                       | 1973                      | NA                                    | NA                        |
| <a href="#">Intel Q35 Express</a>                        | 544                                     | 1124                      | NA                                    | NA                        |
| <a href="#">Intel Q45/Q43 Express Chipset</a>            | 117                                     | 1578                      | NA                                    | NA                        |
| <a href="#">Intel Q45/Q43 Express-Chipsatz</a>           | 57                                      | 1786                      | NA                                    | NA                        |
| <a href="#">Intel Q965/Q963 Express</a>                  | 352                                     | 1307                      | NA                                    | NA                        |
| <a href="#">Intel Skylake HD DT GT2</a>                  | 576                                     | 1076                      | NA                                    | NA                        |
| <a href="#">Intel UHD</a>                                | 1958                                    | 443                       | NA                                    | NA                        |
| <a href="#">Intel UHD 600</a>                            | 333                                     | 1323                      | NA                                    | NA                        |
| <a href="#">Intel UHD 605</a>                            | 375                                     | 1286                      | NA                                    | NA                        |
| <a href="#">Intel UHD 610</a>                            | 720                                     | 920                       | NA                                    | NA                        |
| <a href="#">Intel UHD 615</a>                            | 767                                     | 870                       | NA                                    | NA                        |
| <a href="#">Intel UHD 617</a>                            | 857                                     | 797                       | NA                                    | NA                        |
| <a href="#">Intel UHD 620</a>                            | 888                                     | 777                       | NA                                    | NA                        |
| <a href="#">Intel UHD 630</a>                            | 1527                                    | 530                       | NA                                    | NA                        |
| <a href="#">Intel UHD Graphics 620</a>                   | 1054                                    | 673                       | NA                                    | NA                        |
| <a href="#">Intel UHD P630</a>                           | 3085                                    | 308                       | NA                                    | NA                        |
| <a href="#">Intel US15 Embedded Media and Controller</a> | 7                                       | 1984                      | NA                                    | NA                        |
| <a href="#">ION</a>                                      | 108                                     | 1614                      | <a href="#">0.47</a>                  | <a href="#">\$229.99*</a> |
| <a href="#">ION LE</a>                                   | 97                                      | 1651                      | NA                                    | NA                        |
| <a href="#">KV SPECTRE LITE MOBILE 25W</a>               | 538                                     | 1133                      | NA                                    | NA                        |
| <a href="#">LMIMIRR</a>                                  | 874                                     | 787                       | NA                                    | NA                        |
| <a href="#">M71-M</a>                                    | 64                                      | 1761                      | NA                                    | NA                        |
| <a href="#">M76M</a>                                     | 124                                     | 1562                      | NA                                    | NA                        |
| <a href="#">M860G with Mobility Radeon 4100</a>          | 75                                      | 1720                      | NA                                    | NA                        |
| <a href="#">M880G with Mobility Radeon HD 4200</a>       | 92                                      | 1666                      | NA                                    | NA                        |
| <a href="#">M880G with Mobility Radeon HD 4225</a>       | 71                                      | 1733                      | NA                                    | NA                        |
| <a href="#">M880G with Mobility Radeon HD 4250</a>       | 104                                     | 1628                      | NA                                    | NA                        |
| <a href="#">Master X3100 Driver</a>                      | 10                                      | 1965                      | NA                                    | NA                        |
| <a href="#">Matrox C420 LP PCIe x16</a>                  | 634                                     | 1009                      | NA                                    | NA                        |
| <a href="#">Matrox C680 PCIe x16</a>                     | 1903                                    | 453                       | NA                                    | NA                        |
| <a href="#">Matrox C900 PCIe x16</a>                     | 1812                                    | 474                       | NA                                    | NA                        |
| <a href="#">Matrox G200e WDDM 1.2</a>                    | 59                                      | 1776                      | NA                                    | NA                        |
| <a href="#">Matrox G200e WDDM 2.0</a>                    | 123                                     | 1563                      | NA                                    | NA                        |
| <a href="#">Matrox G200eh</a>                            | 40                                      | 1839                      | NA                                    | NA                        |
| <a href="#">Matrox G200eh WDDM 1.2</a>                   | 51                                      | 1797                      | NA                                    | NA                        |
| <a href="#">Matrox G200eh WDDM 2.0</a>                   | 45                                      | 1821                      | NA                                    | NA                        |
| <a href="#">Matrox G200eR</a>                            | 36                                      | 1858                      | NA                                    | NA                        |
| <a href="#">Matrox G200eR WDDM 1.2</a>                   | 50                                      | 1803                      | NA                                    | NA                        |
| <a href="#">Matrox G200eR WDDM 2.0</a>                   | 67                                      | 1752                      | NA                                    | NA                        |
| <a href="#">Matrox G200eW</a>                            | 39                                      | 1843                      | NA                                    | NA                        |
| <a href="#">Matrox G200eW WDDM 1.2</a>                   | 50                                      | 1807                      | NA                                    | NA                        |
| <a href="#">Matrox G200eW3 WDDM 2.0</a>                  | 94                                      | 1660                      | NA                                    | NA                        |
| <a href="#">Matrox M9120 PCIe x16</a>                    | 19                                      | 1933                      | NA                                    | NA                        |
| <a href="#">Matrox M9120 Plus LP PCIe x16</a>            | 5                                       | 2008                      | NA                                    | NA                        |
| <a href="#">Matrox M9125 PCIe x16</a>                    | 25                                      | 1908                      | NA                                    | NA                        |
| <a href="#">Matrox M9128 LP PCIe x16</a>                 | 5                                       | 2017                      | NA                                    | NA                        |
| <a href="#">Matrox M9138 LP PCIe x16</a>                 | 42                                      | 1832                      | NA                                    | NA                        |
| <a href="#">Matrox M9140 LP PCIe x16</a>                 | 23                                      | 1919                      | NA                                    | NA                        |
| <a href="#">Matrox M9148 LP PCIe x16</a>                 | 9                                       | 1967                      | NA                                    | NA                        |
| <a href="#">Matrox Millennium P650 PCIe 128</a>          | 5                                       | 2018                      | NA                                    | NA                        |
| <a href="#">Matrox Millennium P690 PCIe x16</a>          | 366                                     | 1294                      | NA                                    | NA                        |
| <a href="#">Matrox Millennium P690 Plus LP PCIe x16</a>  | 6                                       | 1989                      | NA                                    | NA                        |

| Videocard Name  | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)            |
|---|---|---------------------------|---------------------------------------|---------------------------|
| <a href="#">Matrox Parhelia 128MB</a>                         | 3                                       | 2077                      | <a href="#">0.01</a>                  | <a href="#">\$549.99*</a> |
| <a href="#">Matrox Parhelia 256MB</a>                         | 9                                       | 1968                      | NA                                    | NA                        |
| <a href="#">Matrox Parhelia APVe</a>                          | 5                                       | 2010                      | NA                                    | NA                        |
| <a href="#">MEDION RADEON 9800 XXL</a>                        | 71                                      | 1732                      | NA                                    | NA                        |
| <a href="#">MEDION RADEON X740XL</a>                          | 94                                      | 1659                      | NA                                    | NA                        |
| <a href="#">MIRRORV3</a>                                      | 1080                                    | 661                       | NA                                    | NA                        |
| <a href="#">Mobile Intel - famiglia Express Chipset 45</a>    | 38                                      | 1850                      | NA                                    | NA                        |
| <a href="#">Mobile Intel 4 Express-Chipsatzfamilie</a>        | 44                                      | 1825                      | NA                                    | NA                        |
| <a href="#">Mobile Intel 45 Express</a>                       | 68                                      | 1748                      | NA                                    | NA                        |
| <a href="#">Mobile Intel 45 Express-Chipsatzfamilie</a>       | 117                                     | 1582                      | NA                                    | NA                        |
| <a href="#">Mobile Intel 915GM/GMS/910GML Express</a>         | 4                                       | 2047                      | NA                                    | NA                        |
| <a href="#">Mobile Intel 945 Express</a>                      | 4                                       | 2048                      | NA                                    | NA                        |
| <a href="#">Mobile Intel 945GM Express</a>                    | 5                                       | 2004                      | NA                                    | NA                        |
| <a href="#">Mobile Intel 945GM/GU Express</a>                 | 5                                       | 2019                      | NA                                    | NA                        |
| <a href="#">Mobile Intel 965 Express</a>                      | 38                                      | 1853                      | NA                                    | NA                        |
| <a href="#">Mobile Intel 965 Express - BR-0907-0461 v1839</a> | 8                                       | 1975                      | NA                                    | NA                        |
| <a href="#">Mobile Intel 965 Express-Chipsatzfamilie</a>      | 24                                      | 1916                      | NA                                    | NA                        |
| <a href="#">Mobile Intel HD</a>                               | 325                                     | 1331                      | NA                                    | NA                        |
| <a href="#">Mobile Intel serie 4 Express</a>                  | 44                                      | 1824                      | NA                                    | NA                        |
| <a href="#">Mobile Intel965 Express</a>                       | 17                                      | 1945                      | NA                                    | NA                        |
| <a href="#">MOBILITY FIREGL 7800</a>                          | 4                                       | 2032                      | NA                                    | NA                        |
| <a href="#">MOBILITY FIREGL T2</a>                            | 40                                      | 1838                      | NA                                    | NA                        |
| <a href="#">MOBILITY FIREGL T2/T2e</a>                        | 33                                      | 1876                      | NA                                    | NA                        |
| <a href="#">MOBILITY FireGL V3200</a>                         | 62                                      | 1769                      | NA                                    | NA                        |
| <a href="#">MOBILITY FireGL V5000</a>                         | 81                                      | 1702                      | NA                                    | NA                        |
| <a href="#">MOBILITY FireGL V5200</a>                         | 44                                      | 1822                      | NA                                    | NA                        |
| <a href="#">MOBILITY FireGL V5250</a>                         | 27                                      | 1899                      | NA                                    | NA                        |
| <a href="#">Mobility FireGL V5725</a>                         | 219                                     | 1425                      | NA                                    | NA                        |
| <a href="#">MOBILITY IGP 9000/9100</a>                        | 10                                      | 1966                      | NA                                    | NA                        |
| <a href="#">Mobility Radeon 4100</a>                          | 81                                      | 1707                      | NA                                    | NA                        |
| <a href="#">MOBILITY RADEON 7000 IGP</a>                      | 6                                       | 1995                      | NA                                    | NA                        |
| <a href="#">MOBILITY RADEON 7500</a>                          | 3                                       | 2071                      | NA                                    | NA                        |
| <a href="#">MOBILITY RADEON 9000</a>                          | 3                                       | 2080                      | NA                                    | NA                        |
| <a href="#">MOBILITY RADEON 9000 IGP</a>                      | 7                                       | 1978                      | NA                                    | NA                        |
| <a href="#">MOBILITY RADEON 9000/9100 IGP</a>                 | 5                                       | 2009                      | NA                                    | NA                        |
| <a href="#">MOBILITY RADEON 9100 IGP</a>                      | 2                                       | 2090                      | NA                                    | NA                        |
| <a href="#">MOBILITY RADEON 9200</a>                          | 3                                       | 2089                      | NA                                    | NA                        |
| <a href="#">MOBILITY RADEON 9550</a>                          | 30                                      | 1890                      | NA                                    | NA                        |
| <a href="#">MOBILITY RADEON 9600</a>                          | 36                                      | 1862                      | NA                                    | NA                        |
| <a href="#">MOBILITY RADEON 9600 PRO TURBO</a>                | 24                                      | 1912                      | NA                                    | NA                        |
| <a href="#">MOBILITY RADEON 9600/9700</a>                     | 39                                      | 1846                      | NA                                    | NA                        |
| <a href="#">MOBILITY RADEON 9700</a>                          | 27                                      | 1898                      | NA                                    | NA                        |
| <a href="#">MOBILITY RADEON 9800</a>                          | 46                                      | 1818                      | NA                                    | NA                        |
| <a href="#">Mobility Radeon HD 2300</a>                       | 50                                      | 1804                      | NA                                    | NA                        |
| <a href="#">Mobility Radeon HD 2400</a>                       | 89                                      | 1679                      | NA                                    | NA                        |
| <a href="#">Mobility Radeon HD 2400 XT</a>                    | 102                                     | 1638                      | NA                                    | NA                        |
| <a href="#">Mobility Radeon HD 2600</a>                       | 167                                     | 1492                      | NA                                    | NA                        |
| <a href="#">Mobility Radeon HD 2600 XT</a>                    | 191                                     | 1467                      | NA                                    | NA                        |
| <a href="#">Mobility Radeon HD 3400 Serisi</a>                | 111                                     | 1605                      | NA                                    | NA                        |
| <a href="#">Mobility Radeon HD 3410</a>                       | 62                                      | 1764                      | NA                                    | NA                        |
| <a href="#">Mobility Radeon HD 3430</a>                       | 98                                      | 1648                      | NA                                    | NA                        |
| <a href="#">Mobility Radeon HD 3450</a>                       | 91                                      | 1674                      | NA                                    | NA                        |
| <a href="#">Mobility Radeon HD 3470</a>                       | 93                                      | 1663                      | NA                                    | NA                        |
| <a href="#">Mobility Radeon HD 3470 Hybrid X2</a>             | 93                                      | 1661                      | NA                                    | NA                        |
| <a href="#">Mobility Radeon HD 3650</a>                       | 135                                     | 1534                      | NA                                    | NA                        |
| <a href="#">Mobility Radeon HD 3670</a>                       | 232                                     | 1415                      | NA                                    | NA                        |
| <a href="#">Mobility Radeon HD 3850</a>                       | 365                                     | 1297                      | NA                                    | NA                        |

| Videocard Name                                 | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD) |
|--|---|---------------------------|---------------------------------------|----------------|
| <a href="#">Mobility Radeon HD 3870</a>        | 547                                     | 1116                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 3870 X2</a>     | 564                                     | 1093                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 4200</a>        | 90                                      | 1676                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 4225</a>        | 66                                      | 1757                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 4250</a>        | 98                                      | 1645                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 4270</a>        | 92                                      | 1665                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 4300 Serisi</a> | 73                                      | 1727                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 4330</a>        | 135                                     | 1533                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 4350</a>        | 148                                     | 1512                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 4550</a>        | 191                                     | 1468                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 4570</a>        | 132                                     | 1543                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 4650</a>        | 401                                     | 1269                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 4670</a>        | 463                                     | 1206                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 4830</a>        | 511                                     | 1156                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 4850</a>        | 866                                     | 793                       | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 4870</a>        | 719                                     | 921                       | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 5000</a>        | 773                                     | 862                       | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 5000 Serisi</a> | 478                                     | 1189                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 5165</a>        | 284                                     | 1368                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 530v</a>        | 174                                     | 1486                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 540v</a>        | 188                                     | 1472                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 5430</a>        | 181                                     | 1476                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 5450</a>        | 214                                     | 1435                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 545v</a>        | 199                                     | 1457                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 5470</a>        | 236                                     | 1412                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 550v</a>        | 266                                     | 1383                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 5570</a>        | 550                                     | 1111                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 560v</a>        | 318                                     | 1338                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 5650</a>        | 441                                     | 1235                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 565v</a>        | 353                                     | 1306                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 5730</a>        | 512                                     | 1155                      | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 5850</a>        | 763                                     | 872                       | NA                                    | NA             |
| <a href="#">Mobility Radeon HD 5870</a>        | 1086                                    | 660                       | NA                                    | NA             |
| <a href="#">Mobility Radeon HD serie 4200</a>  | 96                                      | 1656                      | NA                                    | NA             |
| <a href="#">Mobility Radeon X1300</a>          | 39                                      | 1844                      | NA                                    | NA             |
| <a href="#">Mobility Radeon X1350</a>          | 39                                      | 1842                      | NA                                    | NA             |
| <a href="#">Mobility Radeon X1400</a>          | 42                                      | 1829                      | NA                                    | NA             |
| <a href="#">Mobility Radeon X1450</a>          | 33                                      | 1877                      | NA                                    | NA             |
| <a href="#">Mobility Radeon X1600</a>          | 92                                      | 1669                      | NA                                    | NA             |
| <a href="#">Mobility Radeon X1700</a>          | 104                                     | 1626                      | NA                                    | NA             |
| <a href="#">MOBILITY RADEON X1800</a>          | 130                                     | 1545                      | NA                                    | NA             |
| <a href="#">Mobility Radeon X1900</a>          | 134                                     | 1535                      | NA                                    | NA             |
| <a href="#">Mobility Radeon X2300</a>          | 48                                      | 1813                      | NA                                    | NA             |
| <a href="#">Mobility Radeon X2300 HD</a>       | 48                                      | 1812                      | NA                                    | NA             |
| <a href="#">Mobility Radeon X2500</a>          | 81                                      | 1699                      | NA                                    | NA             |
| <a href="#">MOBILITY RADEON X300</a>           | 33                                      | 1875                      | NA                                    | NA             |
| <a href="#">MOBILITY RADEON X600</a>           | 50                                      | 1806                      | NA                                    | NA             |
| <a href="#">MOBILITY RADEON X600 SE</a>        | 49                                      | 1809                      | NA                                    | NA             |
| <a href="#">MOBILITY RADEON X700</a>           | 66                                      | 1754                      | NA                                    | NA             |
| <a href="#">MOBILITY RADEON X700 XL</a>        | 59                                      | 1773                      | NA                                    | NA             |
| <a href="#">MOBILITY RADEON XPRESS 200</a>     | 27                                      | 1901                      | NA                                    | NA             |
| <a href="#">Mobility Radeon. HD 5470</a>       | 215                                     | 1434                      | NA                                    | NA             |
| <a href="#">MOBILITY/RADEON 9000</a>           | 4                                       | 2054                      | NA                                    | NA             |
| <a href="#">MONSTER GeForce GTX 675M</a>       | 2637                                    | 346                       | NA                                    | NA             |
| <a href="#">MxGPU</a>                          | 1826                                    | 470                       | NA                                    | NA             |
| <a href="#">N16P-GX</a>                        | 1204                                    | 615                       | NA                                    | NA             |
| <a href="#">N18E-Q1</a>                        | 2525                                    | 357                       | NA                                    | NA             |

| Videocard Name   | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)              |
|--|---|---------------------------|---------------------------------------|-----------------------------|
| <a href="#">nForce 750a SLI</a>                        | 83                                      | 1694                      | NA                                    | NA                          |
| <a href="#">nForce 760i SLI</a>                        | 140                                     | 1525                      | NA                                    | NA                          |
| <a href="#">nForce 780a SLI</a>                        | 92                                      | 1670                      | NA                                    | NA                          |
| <a href="#">nForce 980a/780a SLI</a>                   | 81                                      | 1704                      | NA                                    | NA                          |
| <a href="#">NV44</a>                                   | 15                                      | 1949                      | NA                                    | NA                          |
| <a href="#">NVIDIA TITAN X</a>                         | 13659                                   | 44                        | <a href="#">22.46</a>                 | <a href="#">\$608.10*</a>   |
| <a href="#">NVIDIA TITAN Xp</a>                        | 18280                                   | 13                        | <a href="#">13.07</a>                 | <a href="#">\$1,398.68*</a> |
| <a href="#">NVS 2100M</a>                              | 139                                     | 1527                      | NA                                    | NA                          |
| <a href="#">NVS 300</a>                                | 111                                     | 1604                      | <a href="#">7.98</a>                  | <a href="#">\$14.00*</a>    |
| <a href="#">NVS 310</a>                                | 249                                     | 1394                      | <a href="#">4.17</a>                  | <a href="#">\$59.98*</a>    |
| <a href="#">NVS 3100M</a>                              | 116                                     | 1585                      | NA                                    | NA                          |
| <a href="#">NVS 315</a>                                | 298                                     | 1356                      | <a href="#">4.98</a>                  | <a href="#">\$59.98*</a>    |
| <a href="#">NVS 4200M</a>                              | 244                                     | 1403                      | <a href="#">0.61</a>                  | <a href="#">\$399.00*</a>   |
| <a href="#">NVS 510</a>                                | 762                                     | 874                       | <a href="#">2.42</a>                  | <a href="#">\$315.28*</a>   |
| <a href="#">NVS 5100M</a>                              | 211                                     | 1443                      | NA                                    | NA                          |
| <a href="#">NVS 5200M</a>                              | 546                                     | 1118                      | NA                                    | NA                          |
| <a href="#">NVS 5400M</a>                              | 638                                     | 1002                      | NA                                    | NA                          |
| <a href="#">NVS 810</a>                                | 1015                                    | 695                       | <a href="#">1.62</a>                  | <a href="#">\$624.99*</a>   |
| <a href="#">OPAL XT/GL</a>                             | 1053                                    | 675                       | NA                                    | NA                          |
| <a href="#">OpenXT Display Driver</a>                  | 30                                      | 1888                      | NA                                    | NA                          |
| <a href="#">P106-090</a>                               | 2898                                    | 321                       | NA                                    | NA                          |
| <a href="#">P106-100</a>                               | 5022                                    | 192                       | NA                                    | NA                          |
| <a href="#">PHDGD Ivy 4</a>                            | 374                                     | 1287                      | NA                                    | NA                          |
| <a href="#">PHDGD Ivy 5</a>                            | 445                                     | 1230                      | NA                                    | NA                          |
| <a href="#">PHDGD Quantic C3</a>                       | 116                                     | 1584                      | NA                                    | NA                          |
| <a href="#">PHDGD Sapphire GR for Mobile Intel 965</a> | 25                                      | 1907                      | NA                                    | NA                          |
| <a href="#">PHDGD Solo 1.2.0 x86</a>                   | 11                                      | 1961                      | NA                                    | NA                          |
| <a href="#">PHDGD Solo 2 x64</a>                       | 20                                      | 1932                      | NA                                    | NA                          |
| <a href="#">Professional HD Driver</a>                 | 653                                     | 986                       | NA                                    | NA                          |
| <a href="#">Q12U-1</a>                                 | 5164                                    | 187                       | NA                                    | NA                          |
| <a href="#">Quadro 1000M</a>                           | 591                                     | 1057                      | <a href="#">10.86</a>                 | <a href="#">\$54.50*</a>    |
| <a href="#">Quadro 1100M</a>                           | 755                                     | 884                       | NA                                    | NA                          |
| <a href="#">Quadro 2000</a>                            | 930                                     | 749                       | <a href="#">9.31</a>                  | <a href="#">\$99.99*</a>    |
| <a href="#">Quadro 2000 D</a>                          | 1239                                    | 598                       | NA                                    | NA                          |
| <a href="#">Quadro 2000D</a>                           | 988                                     | 709                       | <a href="#">5.82</a>                  | <a href="#">\$170.00*</a>   |
| <a href="#">Quadro 2000M</a>                           | 823                                     | 827                       | <a href="#">17.69</a>                 | <a href="#">\$46.56*</a>    |
| <a href="#">Quadro 2100M</a>                           | 1100                                    | 656                       | NA                                    | NA                          |
| <a href="#">Quadro 280 NVS PCIe</a>                    | 5                                       | 2005                      | NA                                    | NA                          |
| <a href="#">Quadro 3000M</a>                           | 1023                                    | 691                       | <a href="#">14.62</a>                 | <a href="#">\$69.99*</a>    |
| <a href="#">Quadro 400</a>                             | 162                                     | 1500                      | <a href="#">4.07</a>                  | <a href="#">\$39.99*</a>    |
| <a href="#">Quadro 4000</a>                            | 1497                                    | 536                       | <a href="#">1.66</a>                  | <a href="#">\$900.99</a>    |
| <a href="#">Quadro 4000M</a>                           | 1203                                    | 617                       | <a href="#">13.23</a>                 | <a href="#">\$91.01*</a>    |
| <a href="#">Quadro 410</a>                             | 445                                     | 1229                      | <a href="#">3.46</a>                  | <a href="#">\$129.00*</a>   |
| <a href="#">Quadro 5000</a>                            | 1989                                    | 432                       | <a href="#">0.86</a>                  | <a href="#">\$2,314.99</a>  |
| <a href="#">Quadro 5000M</a>                           | 2059                                    | 413                       | NA                                    | NA                          |
| <a href="#">Quadro 500M</a>                            | 664                                     | 976                       | <a href="#">2.41</a>                  | <a href="#">\$275.14*</a>   |
| <a href="#">Quadro 5010M</a>                           | 2000                                    | 426                       | <a href="#">8.48</a>                  | <a href="#">\$235.95*</a>   |
| <a href="#">Quadro 600</a>                             | 545                                     | 1122                      | <a href="#">9.09</a>                  | <a href="#">\$59.99*</a>    |
| <a href="#">Quadro 6000</a>                            | 2743                                    | 333                       | <a href="#">0.67</a>                  | <a href="#">\$4,099.99</a>  |
| <a href="#">Quadro 7000</a>                            | 3505                                    | 269                       | NA                                    | NA                          |
| <a href="#">Quadro CX</a>                              | 947                                     | 737                       | <a href="#">6.32</a>                  | <a href="#">\$149.95*</a>   |
| <a href="#">Quadro FX 1000</a>                         | 34                                      | 1871                      | NA                                    | NA                          |
| <a href="#">Quadro FX 1100</a>                         | 35                                      | 1863                      | <a href="#">0.17</a>                  | <a href="#">\$212.99*</a>   |
| <a href="#">Quadro FX 1300</a>                         | 34                                      | 1870                      | NA                                    | NA                          |
| <a href="#">Quadro FX 1400</a>                         | 103                                     | 1630                      | <a href="#">0.42</a>                  | <a href="#">\$245.01*</a>   |
| <a href="#">Quadro FX 1500</a>                         | 155                                     | 1504                      | <a href="#">1.36</a>                  | <a href="#">\$115.01*</a>   |
| <a href="#">Quadro FX 1500M</a>                        | 171                                     | 1488                      | NA                                    | NA                          |

| Videocard Name                            | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)              |
|---|---|---------------------------|---------------------------------------|-----------------------------|
| <a href="#">Quadro FX 1600M</a>           | 185                                     | 1474                      | <a href="#">1.24</a>                  | <a href="#">\$149.90*</a>   |
| <a href="#">Quadro FX 1700</a>            | 116                                     | 1583                      | <a href="#">4.25</a>                  | <a href="#">\$27.50*</a>    |
| <a href="#">Quadro FX 1700M</a>           | 180                                     | 1478                      | NA                                    | NA                          |
| <a href="#">Quadro FX 1800</a>            | 401                                     | 1268                      | <a href="#">4.02</a>                  | <a href="#">\$99.99*</a>    |
| <a href="#">Quadro FX 1800M</a>           | 478                                     | 1190                      | NA                                    | NA                          |
| <a href="#">Quadro FX 2000</a>            | 18                                      | 1941                      | NA                                    | NA                          |
| <a href="#">Quadro FX 2500M</a>           | 217                                     | 1426                      | <a href="#">12.45</a>                 | <a href="#">\$17.50*</a>    |
| <a href="#">Quadro FX 2700</a>            | 543                                     | 1127                      | NA                                    | NA                          |
| <a href="#">Quadro FX 2700M</a>           | 395                                     | 1270                      | <a href="#">3.96</a>                  | <a href="#">\$99.95*</a>    |
| <a href="#">Quadro FX 2800M</a>           | 405                                     | 1265                      | <a href="#">8.12</a>                  | <a href="#">\$49.95*</a>    |
| <a href="#">Quadro FX 3000</a>            | 69                                      | 1746                      | <a href="#">0.41</a>                  | <a href="#">\$166.61*</a>   |
| <a href="#">Quadro FX 3400/4400</a>       | 104                                     | 1627                      | NA                                    | NA                          |
| <a href="#">Quadro FX 3450</a>            | 148                                     | 1510                      | <a href="#">1.24</a>                  | <a href="#">\$119.99*</a>   |
| <a href="#">Quadro FX 3450/4000 SDI</a>   | 134                                     | 1538                      | NA                                    | NA                          |
| <a href="#">Quadro FX 350</a>             | 85                                      | 1683                      | NA                                    | NA                          |
| <a href="#">Quadro FX 3500</a>            | 208                                     | 1446                      | <a href="#">3.02</a>                  | <a href="#">\$68.98*</a>    |
| <a href="#">Quadro FX 3500M</a>           | 306                                     | 1347                      | <a href="#">3.06</a>                  | <a href="#">\$99.99*</a>    |
| <a href="#">Quadro FX 350M</a>            | 62                                      | 1768                      | NA                                    | NA                          |
| <a href="#">Quadro FX 3600M</a>           | 466                                     | 1200                      | NA                                    | NA                          |
| <a href="#">Quadro FX 360M</a>            | 86                                      | 1682                      | NA                                    | NA                          |
| <a href="#">Quadro FX 370</a>             | 83                                      | 1693                      | <a href="#">0.67</a>                  | <a href="#">\$125.00*</a>   |
| <a href="#">Quadro FX 370 Low Profile</a> | 102                                     | 1634                      | NA                                    | NA                          |
| <a href="#">Quadro FX 370 LP</a>          | 108                                     | 1616                      | NA                                    | NA                          |
| <a href="#">Quadro FX 3700</a>            | 387                                     | 1277                      | <a href="#">4.31</a>                  | <a href="#">\$89.99*</a>    |
| <a href="#">Quadro FX 3700M</a>           | 493                                     | 1177                      | <a href="#">0.53</a>                  | <a href="#">\$925.00*</a>   |
| <a href="#">Quadro FX 370M</a>            | 93                                      | 1664                      | NA                                    | NA                          |
| <a href="#">Quadro FX 380</a>             | 102                                     | 1633                      | <a href="#">1.42</a>                  | <a href="#">\$72.50*</a>    |
| <a href="#">Quadro FX 380 LP</a>          | 142                                     | 1518                      | NA                                    | NA                          |
| <a href="#">Quadro FX 3800</a>            | 781                                     | 853                       | <a href="#">7.89</a>                  | <a href="#">\$98.99*</a>    |
| <a href="#">Quadro FX 3800M</a>           | 551                                     | 1109                      | NA                                    | NA                          |
| <a href="#">Quadro FX 380M</a>            | 129                                     | 1549                      | NA                                    | NA                          |
| <a href="#">Quadro FX 4000</a>            | 101                                     | 1641                      | NA                                    | NA                          |
| <a href="#">Quadro FX 4500</a>            | 206                                     | 1449                      | <a href="#">0.90</a>                  | <a href="#">\$230.33*</a>   |
| <a href="#">Quadro FX 4500 X2</a>         | 236                                     | 1413                      | NA                                    | NA                          |
| <a href="#">Quadro FX 4600</a>            | 458                                     | 1212                      | <a href="#">3.67</a>                  | <a href="#">\$124.98*</a>   |
| <a href="#">Quadro FX 4700 X2</a>         | 676                                     | 967                       | NA                                    | NA                          |
| <a href="#">Quadro FX 4800</a>            | 970                                     | 719                       | <a href="#">6.99</a>                  | <a href="#">\$138.98*</a>   |
| <a href="#">Quadro FX 500/600 PCI</a>     | 14                                      | 1951                      | NA                                    | NA                          |
| <a href="#">Quadro FX 500/FX 600</a>      | 7                                       | 1981                      | NA                                    | NA                          |
| <a href="#">Quadro FX 540</a>             | 80                                      | 1709                      | <a href="#">1.35</a>                  | <a href="#">\$59.99*</a>    |
| <a href="#">Quadro FX 550</a>             | 63                                      | 1762                      | <a href="#">0.43</a>                  | <a href="#">\$149.00*</a>   |
| <a href="#">Quadro FX 5500</a>            | 242                                     | 1405                      | <a href="#">0.77</a>                  | <a href="#">\$315.99*</a>   |
| <a href="#">Quadro FX 560</a>             | 113                                     | 1594                      | <a href="#">0.76</a>                  | <a href="#">\$150.25*</a>   |
| <a href="#">Quadro FX 5600</a>            | 558                                     | 1098                      | <a href="#">3.31</a>                  | <a href="#">\$168.98*</a>   |
| <a href="#">Quadro FX 570</a>             | 115                                     | 1589                      | <a href="#">1.54</a>                  | <a href="#">\$74.99*</a>    |
| <a href="#">Quadro FX 570M</a>            | 122                                     | 1570                      | NA                                    | NA                          |
| <a href="#">Quadro FX 580</a>             | 146                                     | 1515                      | <a href="#">2.13</a>                  | <a href="#">\$68.89*</a>    |
| <a href="#">Quadro FX 5800</a>            | 1237                                    | 601                       | <a href="#">6.92</a>                  | <a href="#">\$178.89*</a>   |
| <a href="#">Quadro FX 770M</a>            | 217                                     | 1427                      | <a href="#">0.41</a>                  | <a href="#">\$527.00*</a>   |
| <a href="#">Quadro FX 880M</a>            | 220                                     | 1422                      | NA                                    | NA                          |
| <a href="#">Quadro FX Go1400</a>          | 101                                     | 1639                      | NA                                    | NA                          |
| <a href="#">Quadro GP100</a>              | 12662                                   | 54                        | NA                                    | NA                          |
| <a href="#">Quadro GV100</a>              | 12721                                   | 52                        | <a href="#">1.41</a>                  | <a href="#">\$8,999.00*</a> |
| <a href="#">Quadro K1000M</a>             | 773                                     | 863                       | <a href="#">11.05</a>                 | <a href="#">\$69.95*</a>    |
| <a href="#">Quadro K1100M</a>             | 1110                                    | 651                       | <a href="#">22.23</a>                 | <a href="#">\$49.95*</a>    |
| <a href="#">Quadro K1200</a>              | 2882                                    | 323                       | <a href="#">15.10</a>                 | <a href="#">\$190.89*</a>   |
| <a href="#">Quadro K2000</a>              | 1575                                    | 518                       | <a href="#">13.13</a>                 | <a href="#">\$120.00*</a>   |

| Videocard Name                                   | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)              |
|--|---|---------------------------|---------------------------------------|-----------------------------|
| <a href="#">Quadro K2000D</a>                    | 1645                                    | 504                       | <a href="#">3.95</a>                  | <a href="#">\$416.51*</a>   |
| <a href="#">Quadro K2000M</a>                    | 1039                                    | 686                       | <a href="#">7.22</a>                  | <a href="#">\$144.04*</a>   |
| <a href="#">Quadro K2100M</a>                    | 1396                                    | 558                       | <a href="#">2.54</a>                  | <a href="#">\$550.00*</a>   |
| <a href="#">Quadro K2200</a>                     | 3559                                    | 265                       | <a href="#">28.89</a>                 | <a href="#">\$123.18*</a>   |
| <a href="#">Quadro K2200M</a>                    | 3893                                    | 247                       | <a href="#">31.16</a>                 | <a href="#">\$124.95*</a>   |
| <a href="#">Quadro K3000M</a>                    | 1657                                    | 501                       | <a href="#">10.69</a>                 | <a href="#">\$155.00*</a>   |
| <a href="#">Quadro K3100M</a>                    | 2305                                    | 379                       | <a href="#">5.76</a>                  | <a href="#">\$399.95*</a>   |
| <a href="#">Quadro K4000</a>                     | 2690                                    | 342                       | <a href="#">15.29</a>                 | <a href="#">\$175.99*</a>   |
| <a href="#">Quadro K4000M</a>                    | 2108                                    | 406                       | <a href="#">3.51</a>                  | <a href="#">\$599.99*</a>   |
| <a href="#">Quadro K4100M</a>                    | 2394                                    | 370                       | <a href="#">12.09</a>                 | <a href="#">\$198.02*</a>   |
| <a href="#">Quadro K420</a>                      | 767                                     | 869                       | <a href="#">4.08</a>                  | <a href="#">\$188.32*</a>   |
| <a href="#">Quadro K4200</a>                     | 4265                                    | 225                       | <a href="#">17.77</a>                 | <a href="#">\$239.99*</a>   |
| <a href="#">Quadro K5000</a>                     | 3883                                    | 249                       | <a href="#">10.09</a>                 | <a href="#">\$384.98*</a>   |
| <a href="#">Quadro K5000M</a>                    | 3132                                    | 302                       | <a href="#">8.05</a>                  | <a href="#">\$389.25*</a>   |
| <a href="#">Quadro K5100M</a>                    | 2851                                    | 326                       | <a href="#">9.97</a>                  | <a href="#">\$285.99*</a>   |
| <a href="#">Quadro K510M</a>                     | 651                                     | 988                       | NA                                    | NA                          |
| <a href="#">Quadro K5200</a>                     | 5922                                    | 162                       | <a href="#">8.54</a>                  | <a href="#">\$693.24*</a>   |
| <a href="#">Quadro K600</a>                      | 779                                     | 854                       | <a href="#">22.29</a>                 | <a href="#">\$34.99*</a>    |
| <a href="#">Quadro K6000</a>                     | 8146                                    | 117                       | <a href="#">11.86</a>                 | <a href="#">\$687.13*</a>   |
| <a href="#">Quadro K610M</a>                     | 724                                     | 913                       | <a href="#">9.66</a>                  | <a href="#">\$75.00*</a>    |
| <a href="#">Quadro K620</a>                      | 2279                                    | 383                       | <a href="#">16.42</a>                 | <a href="#">\$138.83*</a>   |
| <a href="#">Quadro K620M</a>                     | 1200                                    | 618                       | NA                                    | NA                          |
| <a href="#">Quadro M1000M</a>                    | 3015                                    | 313                       | <a href="#">35.07</a>                 | <a href="#">\$85.99*</a>    |
| <a href="#">Quadro M1200</a>                     | 3612                                    | 262                       | NA                                    | NA                          |
| <a href="#">Quadro M2000</a>                     | 4013                                    | 238                       | <a href="#">13.42</a>                 | <a href="#">\$298.99*</a>   |
| <a href="#">Quadro M2000M</a>                    | 3556                                    | 266                       | <a href="#">12.70</a>                 | <a href="#">\$279.95*</a>   |
| <a href="#">Quadro M2200</a>                     | 4525                                    | 210                       | <a href="#">18.10</a>                 | <a href="#">\$249.99*</a>   |
| <a href="#">Quadro M3000M</a>                    | 5445                                    | 177                       | <a href="#">34.05</a>                 | <a href="#">\$159.95*</a>   |
| <a href="#">Quadro M4000</a>                     | 6534                                    | 150                       | <a href="#">8.37</a>                  | <a href="#">\$780.99*</a>   |
| <a href="#">Quadro M4000M</a>                    | 6636                                    | 149                       | NA                                    | NA                          |
| <a href="#">Quadro M5000</a>                     | 9204                                    | 95                        | <a href="#">14.18</a>                 | <a href="#">\$648.99*</a>   |
| <a href="#">Quadro M5000M</a>                    | 6794                                    | 142                       | <a href="#">13.59</a>                 | <a href="#">\$499.95*</a>   |
| <a href="#">Quadro M500M</a>                     | 1108                                    | 652                       | NA                                    | NA                          |
| <a href="#">Quadro M520</a>                      | 1955                                    | 445                       | NA                                    | NA                          |
| <a href="#">Quadro M5500</a>                     | 7915                                    | 121                       | NA                                    | NA                          |
| <a href="#">Quadro M6000</a>                     | 12143                                   | 59                        | <a href="#">11.52</a>                 | <a href="#">\$1,054.03*</a> |
| <a href="#">Quadro M6000 24GB</a>                | 12971                                   | 50                        | NA                                    | NA                          |
| <a href="#">Quadro M600M</a>                     | 2142                                    | 404                       | <a href="#">20.80</a>                 | <a href="#">\$102.99*</a>   |
| <a href="#">Quadro M620</a>                      | 2881                                    | 324                       | NA                                    | NA                          |
| <a href="#">Quadro NVS 110M</a>                  | 47                                      | 1815                      | NA                                    | NA                          |
| <a href="#">Quadro NVS 120M</a>                  | 46                                      | 1817                      | NA                                    | NA                          |
| <a href="#">Quadro NVS 130M</a>                  | 97                                      | 1654                      | NA                                    | NA                          |
| <a href="#">Quadro NVS 135M</a>                  | 56                                      | 1787                      | NA                                    | NA                          |
| <a href="#">Quadro NVS 140M</a>                  | 89                                      | 1680                      | NA                                    | NA                          |
| <a href="#">Quadro NVS 150M</a>                  | 92                                      | 1668                      | NA                                    | NA                          |
| <a href="#">Quadro NVS 160M</a>                  | 82                                      | 1696                      | NA                                    | NA                          |
| <a href="#">Quadro NVS 210S</a>                  | 23                                      | 1917                      | NA                                    | NA                          |
| <a href="#">Quadro NVS 210S / GeForce 6150LE</a> | 20                                      | 1931                      | NA                                    | NA                          |
| <a href="#">Quadro NVS 280 PCI</a>               | 8                                       | 1976                      | <a href="#">0.14</a>                  | <a href="#">\$59.50*</a>    |
| <a href="#">Quadro NVS 280 SD</a>                | 2                                       | 2110                      | NA                                    | NA                          |
| <a href="#">Quadro NVS 285</a>                   | 35                                      | 1865                      | <a href="#">1.26</a>                  | <a href="#">\$27.99*</a>    |
| <a href="#">Quadro NVS 285 128MB</a>             | 38                                      | 1852                      | <a href="#">0.70</a>                  | <a href="#">\$55.00*</a>    |
| <a href="#">Quadro NVS 290</a>                   | 207                                     | 1448                      | <a href="#">4.60</a>                  | <a href="#">\$45.00*</a>    |
| <a href="#">Quadro NVS 295</a>                   | 75                                      | 1719                      | <a href="#">1.26</a>                  | <a href="#">\$59.99*</a>    |
| <a href="#">Quadro NVS 320M</a>                  | 204                                     | 1453                      | NA                                    | NA                          |
| <a href="#">Quadro NVS 420</a>                   | 80                                      | 1710                      | <a href="#">0.24</a>                  | <a href="#">\$335.20*</a>   |
| <a href="#">Quadro NVS 440</a>                   | 37                                      | 1856                      | <a href="#">0.30</a>                  | <a href="#">\$124.99*</a>   |
| <a href="#">Quadro NVS 450</a>                   | 73                                      | 1725                      | <a href="#">0.52</a>                  | <a href="#">\$139.99*</a>   |

| Videocard Name                                    | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)              |
|---|---|---------------------------|---------------------------------------|-----------------------------|
| <a href="#">Quadro NVS 510M</a>                   | 253                                     | 1392                      | NA                                    | NA                          |
| <a href="#">Quadro NVS 55/280 PCI</a>             | 6                                       | 1999                      | NA                                    | NA                          |
| <a href="#">Quadro P1000</a>                      | 4352                                    | 221                       | <a href="#">14.46</a>                 | <a href="#">\$300.99</a>    |
| <a href="#">Quadro P2000</a>                      | 7211                                    | 136                       | <a href="#">15.51</a>                 | <a href="#">\$464.90*</a>   |
| <a href="#">Quadro P2000 with Max-Q Design</a>    | 5121                                    | 189                       | NA                                    | NA                          |
| <a href="#">Quadro P2200</a>                      | 9125                                    | 96                        | <a href="#">21.99</a>                 | <a href="#">\$414.99</a>    |
| <a href="#">Quadro P3000</a>                      | 6919                                    | 140                       | NA                                    | NA                          |
| <a href="#">Quadro P3200</a>                      | 7805                                    | 122                       | NA                                    | NA                          |
| <a href="#">Quadro P3200 with Max-Q Design</a>    | 8941                                    | 100                       | NA                                    | NA                          |
| <a href="#">Quadro P400</a>                       | 1640                                    | 507                       | <a href="#">13.90</a>                 | <a href="#">\$117.99</a>    |
| <a href="#">Quadro P4000</a>                      | 11470                                   | 66                        | <a href="#">14.61</a>                 | <a href="#">\$784.99*</a>   |
| <a href="#">Quadro P4000 with Max-Q Design</a>    | 9082                                    | 98                        | NA                                    | NA                          |
| <a href="#">Quadro P4200</a>                      | 11820                                   | 62                        | NA                                    | NA                          |
| <a href="#">Quadro P4200 with Max-Q Design</a>    | 11869                                   | 61                        | NA                                    | NA                          |
| <a href="#">Quadro P500</a>                       | 1742                                    | 488                       | NA                                    | NA                          |
| <a href="#">Quadro P5000</a>                      | 11443                                   | 68                        | <a href="#">6.73</a>                  | <a href="#">\$1,700.64*</a> |
| <a href="#">Quadro P520</a>                       | 2207                                    | 396                       | <a href="#">1.47</a>                  | <a href="#">\$1,499.00*</a> |
| <a href="#">Quadro P5200</a>                      | 11723                                   | 64                        | NA                                    | NA                          |
| <a href="#">Quadro P5200 with Max-Q Design</a>    | 9796                                    | 84                        | NA                                    | NA                          |
| <a href="#">Quadro P600</a>                       | 3473                                    | 274                       | <a href="#">14.41</a>                 | <a href="#">\$241.04*</a>   |
| <a href="#">Quadro P6000</a>                      | 15005                                   | 28                        | <a href="#">5.46</a>                  | <a href="#">\$2,749.99*</a> |
| <a href="#">Quadro P620</a>                       | 3670                                    | 258                       | <a href="#">21.91</a>                 | <a href="#">\$167.57</a>    |
| <a href="#">Quadro RTX 3000</a>                   | 11353                                   | 71                        | NA                                    | NA                          |
| <a href="#">Quadro RTX 3000 with Max-Q Design</a> | 8436                                    | 109                       | NA                                    | NA                          |
| <a href="#">Quadro RTX 4000</a>                   | 15088                                   | 27                        | <a href="#">16.78</a>                 | <a href="#">\$899.00*</a>   |
| <a href="#">Quadro RTX 4000 with Max-Q Design</a> | 12188                                   | 58                        | NA                                    | NA                          |
| <a href="#">Quadro RTX 5000</a>                   | 16713                                   | 21                        | NA                                    | NA                          |
| <a href="#">Quadro RTX 5000 (Mobile)</a>          | 14832                                   | 29                        | NA                                    | NA                          |
| <a href="#">Quadro RTX 5000 with Max-Q Design</a> | 14593                                   | 34                        | NA                                    | NA                          |
| <a href="#">Quadro RTX 6000</a>                   | 20016                                   | 8                         | <a href="#">3.18</a>                  | <a href="#">\$6,300.00*</a> |
| <a href="#">Quadro RTX 8000</a>                   | 20448                                   | 7                         | <a href="#">4.31</a>                  | <a href="#">\$4,741.49*</a> |
| <a href="#">Quadro T1000</a>                      | 6528                                    | 151                       | NA                                    | NA                          |
| <a href="#">Quadro T1000 with Max-Q Design</a>    | 6754                                    | 144                       | NA                                    | NA                          |
| <a href="#">Quadro T2000</a>                      | 6897                                    | 141                       | NA                                    | NA                          |
| <a href="#">Quadro T2000 with Max-Q Design</a>    | 6698                                    | 146                       | NA                                    | NA                          |
| <a href="#">Quadro2 MXR/EX</a>                    | 4                                       | 2042                      | NA                                    | NA                          |
| <a href="#">Quadro2 Pro</a>                       | 1                                       | 2125                      | NA                                    | NA                          |
| <a href="#">Quadro4 380 XGL</a>                   | 6                                       | 1990                      | NA                                    | NA                          |
| <a href="#">Quadro4 900 XGL</a>                   | 4                                       | 2025                      | NA                                    | NA                          |
| <a href="#">Quadro4 980 XGL</a>                   | 5                                       | 2023                      | <a href="#">0.01</a>                  | <a href="#">\$341.43*</a>   |
| <a href="#">Qualcomm Adreno 630 GPU</a>           | 249                                     | 1397                      | NA                                    | NA                          |
| <a href="#">QXL KMDOD</a>                         | 18                                      | 1935                      | NA                                    | NA                          |
| <a href="#">Radeon</a>                            | 1850                                    | 463                       | <a href="#">43.48</a>                 | <a href="#">\$42.56</a>     |
| <a href="#">Radeon 2100</a>                       | 59                                      | 1774                      | <a href="#">0.46</a>                  | <a href="#">\$129.99</a>    |
| <a href="#">Radeon 3000</a>                       | 98                                      | 1647                      | <a href="#">0.31</a>                  | <a href="#">\$319.00*</a>   |
| <a href="#">Radeon 3100</a>                       | 73                                      | 1724                      | <a href="#">0.45</a>                  | <a href="#">\$163.98</a>    |
| <a href="#">Radeon 520</a>                        | 877                                     | 785                       | NA                                    | NA                          |
| <a href="#">Radeon 530</a>                        | 912                                     | 762                       | NA                                    | NA                          |
| <a href="#">Radeon 535</a>                        | 1116                                    | 647                       | NA                                    | NA                          |
| <a href="#">Radeon 535DX</a>                      | 867                                     | 792                       | NA                                    | NA                          |
| <a href="#">Radeon 540</a>                        | 1375                                    | 562                       | NA                                    | NA                          |
| <a href="#">Radeon 540X</a>                       | 1373                                    | 563                       | NA                                    | NA                          |
| <a href="#">Radeon 550X</a>                       | 1564                                    | 520                       | NA                                    | NA                          |
| <a href="#">Radeon 620</a>                        | 859                                     | 795                       | NA                                    | NA                          |
| <a href="#">Radeon 630</a>                        | 1261                                    | 592                       | NA                                    | NA                          |
| <a href="#">Radeon 6600M</a>                      | 552                                     | 1108                      | NA                                    | NA                          |
| <a href="#">Radeon 6750M</a>                      | 911                                     | 767                       | NA                                    | NA                          |

| Videocard Name                                 | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)            |
|--|---|---------------------------|---------------------------------------|---------------------------|
| <a href="#">Radeon 7000 / Radeon VE</a>        | 2                                       | 2099                      | NA                                    | NA                        |
| <a href="#">RADEON 7000 / RADEON VE Family</a> | 3                                       | 2063                      | NA                                    | NA                        |
| <a href="#">RADEON 7200</a>                    | 2                                       | 2093                      | <a href="#">0.00</a>                  | <a href="#">\$599.99*</a> |
| <a href="#">RADEON 7500</a>                    | 3                                       | 2083                      | <a href="#">0.10</a>                  | <a href="#">\$32.12*</a>  |
| <a href="#">RADEON 7500 Family</a>             | 4                                       | 2033                      | NA                                    | NA                        |
| <a href="#">RADEON 8500 Family</a>             | 6                                       | 1991                      | NA                                    | NA                        |
| <a href="#">RADEON 9000</a>                    | 4                                       | 2037                      | NA                                    | NA                        |
| <a href="#">RADEON 9000 Family</a>             | 3                                       | 2073                      | NA                                    | NA                        |
| <a href="#">RADEON 9100 Family</a>             | 6                                       | 1998                      | NA                                    | NA                        |
| <a href="#">RADEON 9100 IGP</a>                | 5                                       | 2015                      | NA                                    | NA                        |
| <a href="#">RADEON 9200</a>                    | 3                                       | 2070                      | <a href="#">0.09</a>                  | <a href="#">\$39.95*</a>  |
| <a href="#">RADEON 9200 LE Family</a>          | 2                                       | 2103                      | NA                                    | NA                        |
| <a href="#">RADEON 9200 PRO Family</a>         | 2                                       | 2094                      | NA                                    | NA                        |
| <a href="#">RADEON 9200 SE</a>                 | 2                                       | 2106                      | NA                                    | NA                        |
| <a href="#">RADEON 9250</a>                    | 2                                       | 2104                      | <a href="#">0.03</a>                  | <a href="#">\$79.95*</a>  |
| <a href="#">RADEON 9500</a>                    | 36                                      | 1860                      | <a href="#">0.90</a>                  | <a href="#">\$40.50*</a>  |
| <a href="#">RADEON 9500 PRO / 9700</a>         | 41                                      | 1834                      | NA                                    | NA                        |
| <a href="#">RADEON 9550</a>                    | 34                                      | 1868                      | <a href="#">1.09</a>                  | <a href="#">\$31.88*</a>  |
| <a href="#">Radeon 9550 / X1050</a>            | 29                                      | 1894                      | NA                                    | NA                        |
| <a href="#">RADEON 9600 Family</a>             | 25                                      | 1911                      | NA                                    | NA                        |
| <a href="#">RADEON 9600 PRO</a>                | 42                                      | 1830                      | NA                                    | NA                        |
| <a href="#">RADEON 9600 PRO Family</a>         | 26                                      | 1904                      | NA                                    | NA                        |
| <a href="#">RADEON 9600 TX Family</a>          | 18                                      | 1937                      | NA                                    | NA                        |
| <a href="#">RADEON 9600 XT</a>                 | 35                                      | 1866                      | NA                                    | NA                        |
| <a href="#">RADEON 9600SE</a>                  | 27                                      | 1900                      | NA                                    | NA                        |
| <a href="#">RADEON 9700 PRO</a>                | 53                                      | 1794                      | NA                                    | NA                        |
| <a href="#">RADEON 9800</a>                    | 57                                      | 1784                      | <a href="#">0.27</a>                  | <a href="#">\$210.52*</a> |
| <a href="#">RADEON 9800 PRO</a>                | 59                                      | 1775                      | NA                                    | NA                        |
| <a href="#">RADEON 9800 SE</a>                 | 23                                      | 1918                      | NA                                    | NA                        |
| <a href="#">RADEON 9800 XT</a>                 | 56                                      | 1788                      | NA                                    | NA                        |
| <a href="#">RADEON A9800XT</a>                 | 22                                      | 1923                      | NA                                    | NA                        |
| <a href="#">RADEON E2400</a>                   | 51                                      | 1798                      | NA                                    | NA                        |
| <a href="#">RADEON E4690</a>                   | 405                                     | 1266                      | NA                                    | NA                        |
| <a href="#">Radeon E6460</a>                   | 323                                     | 1333                      | NA                                    | NA                        |
| <a href="#">Radeon E6465</a>                   | 164                                     | 1497                      | NA                                    | NA                        |
| <a href="#">Radeon E6760</a>                   | 973                                     | 717                       | <a href="#">4.06</a>                  | <a href="#">\$239.99*</a> |
| <a href="#">Radeon E8860</a>                   | 1577                                    | 516                       | NA                                    | NA                        |
| <a href="#">Radeon E8870PCIe</a>               | 3368                                    | 283                       | NA                                    | NA                        |
| <a href="#">Radeon HD 2350</a>                 | 76                                      | 1717                      | NA                                    | NA                        |
| <a href="#">Radeon HD 2400</a>                 | 120                                     | 1572                      | <a href="#">4.85</a>                  | <a href="#">\$24.88*</a>  |
| <a href="#">Radeon HD 2400 PCI</a>             | 14                                      | 1952                      | NA                                    | NA                        |
| <a href="#">Radeon HD 2400 Pro</a>             | 114                                     | 1593                      | NA                                    | NA                        |
| <a href="#">Radeon HD 2400 XT</a>              | 118                                     | 1575                      | NA                                    | NA                        |
| <a href="#">Radeon HD 2600 PRO</a>             | 211                                     | 1442                      | NA                                    | NA                        |
| <a href="#">Radeon HD 2600 Pro AGP</a>         | 110                                     | 1607                      | NA                                    | NA                        |
| <a href="#">Radeon HD 2600 XT</a>              | 282                                     | 1371                      | NA                                    | NA                        |
| <a href="#">Radeon HD 2900 GT</a>              | 292                                     | 1364                      | NA                                    | NA                        |
| <a href="#">Radeon HD 2900 PRO</a>             | 627                                     | 1019                      | NA                                    | NA                        |
| <a href="#">Radeon HD 2900 XT</a>              | 659                                     | 979                       | NA                                    | NA                        |
| <a href="#">Radeon HD 3000</a>                 | 95                                      | 1657                      | NA                                    | NA                        |
| <a href="#">Radeon HD 3200</a>                 | 82                                      | 1695                      | NA                                    | NA                        |
| <a href="#">Radeon HD 3300</a>                 | 126                                     | 1556                      | NA                                    | NA                        |
| <a href="#">Radeon HD 3450</a>                 | 81                                      | 1701                      | <a href="#">1.82</a>                  | <a href="#">\$44.98*</a>  |
| <a href="#">Radeon HD 3470</a>                 | 105                                     | 1623                      | NA                                    | NA                        |
| <a href="#">Radeon HD 3650 AGP</a>             | 150                                     | 1509                      | NA                                    | NA                        |
| <a href="#">Radeon HD 3670</a>                 | 158                                     | 1502                      | NA                                    | NA                        |
| <a href="#">Radeon HD 3850</a>                 | 458                                     | 1211                      | NA                                    | NA                        |

| Videocard Name                              | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)              |
|---|---|---------------------------|---------------------------------------|-----------------------------|
| <a href="#">Radeon HD 3850 AGP</a>          | 432                                     | 1247                      | NA                                    | NA                          |
| <a href="#">Radeon HD 3850 X2</a>           | 822                                     | 828                       | NA                                    | NA                          |
| <a href="#">Radeon HD 3870</a>              | 574                                     | 1083                      | <a href="#">2.05</a>                  | <a href="#">\$279.95*</a>   |
| <a href="#">Radeon HD 3870 X2</a>           | 708                                     | 932                       | NA                                    | NA                          |
| <a href="#">Radeon HD 4200</a>              | 111                                     | 1602                      | NA                                    | NA                          |
| <a href="#">Radeon HD 4250</a>              | 122                                     | 1567                      | NA                                    | NA                          |
| <a href="#">Radeon HD 4270</a>              | 109                                     | 1608                      | NA                                    | NA                          |
| <a href="#">Radeon HD 4290</a>              | 140                                     | 1521                      | NA                                    | NA                          |
| <a href="#">Radeon HD 4300/4500 Serisi</a>  | 155                                     | 1503                      | NA                                    | NA                          |
| <a href="#">Radeon HD 4330</a>              | 109                                     | 1612                      | NA                                    | NA                          |
| <a href="#">Radeon HD 4350</a>              | 102                                     | 1636                      | <a href="#">0.68</a>                  | <a href="#">\$149.95*</a>   |
| <a href="#">Radeon HD 4550</a>              | 235                                     | 1414                      | <a href="#">1.86</a>                  | <a href="#">\$126.99*</a>   |
| <a href="#">Radeon HD 4650</a>              | 216                                     | 1430                      | <a href="#">1.73</a>                  | <a href="#">\$124.99*</a>   |
| <a href="#">Radeon HD 4650 AGP</a>          | 207                                     | 1447                      | NA                                    | NA                          |
| <a href="#">Radeon HD 4670</a>              | 386                                     | 1278                      | <a href="#">3.51</a>                  | <a href="#">\$109.99*</a>   |
| <a href="#">Radeon HD 4770</a>              | 930                                     | 747                       | NA                                    | NA                          |
| <a href="#">Radeon HD 4810</a>              | 769                                     | 866                       | NA                                    | NA                          |
| <a href="#">Radeon HD 4830</a>              | 870                                     | 789                       | <a href="#">14.51</a>                 | <a href="#">\$59.99*</a>    |
| <a href="#">Radeon HD 4850</a>              | 951                                     | 731                       | <a href="#">22.32</a>                 | <a href="#">\$42.62*</a>    |
| <a href="#">Radeon HD 4850 X2</a>           | 1132                                    | 639                       | NA                                    | NA                          |
| <a href="#">Radeon HD 4870</a>              | 1313                                    | 579                       | <a href="#">10.10</a>                 | <a href="#">\$129.99*</a>   |
| <a href="#">Radeon HD 4870 X2</a>           | 1309                                    | 582                       | NA                                    | NA                          |
| <a href="#">Radeon HD 4890</a>              | 1526                                    | 531                       | <a href="#">13.88</a>                 | <a href="#">\$109.99*</a>   |
| <a href="#">Radeon HD 5450</a>              | 140                                     | 1522                      | <a href="#">2.16</a>                  | <a href="#">\$64.99*</a>    |
| <a href="#">Radeon HD 5470</a>              | 268                                     | 1382                      | NA                                    | NA                          |
| <a href="#">Radeon HD 5550</a>              | 370                                     | 1290                      | <a href="#">6.73</a>                  | <a href="#">\$54.99*</a>    |
| <a href="#">Radeon HD 5570</a>              | 445                                     | 1231                      | <a href="#">2.59</a>                  | <a href="#">\$171.99</a>    |
| <a href="#">Radeon HD 5600/5700</a>         | 958                                     | 726                       | NA                                    | NA                          |
| <a href="#">Radeon HD 5670</a>              | 790                                     | 847                       | <a href="#">16.52</a>                 | <a href="#">\$47.84*</a>    |
| <a href="#">Radeon HD 5750</a>              | 1148                                    | 631                       | <a href="#">16.54</a>                 | <a href="#">\$69.41*</a>    |
| <a href="#">Radeon HD 5770</a>              | 1349                                    | 569                       | <a href="#">3.65</a>                  | <a href="#">\$369.22*</a>   |
| <a href="#">Radeon HD 5830</a>              | 1746                                    | 487                       | <a href="#">10.92</a>                 | <a href="#">\$159.99*</a>   |
| <a href="#">Radeon HD 5850</a>              | 1968                                    | 436                       | <a href="#">24.61</a>                 | <a href="#">\$79.99*</a>    |
| <a href="#">Radeon HD 5870</a>              | 2246                                    | 388                       | <a href="#">7.77</a>                  | <a href="#">\$289.00*</a>   |
| <a href="#">Radeon HD 5970</a>              | 2238                                    | 390                       | <a href="#">6.78</a>                  | <a href="#">\$329.99*</a>   |
| <a href="#">Radeon HD 6230</a>              | 179                                     | 1481                      | NA                                    | NA                          |
| <a href="#">Radeon HD 6250</a>              | 97                                      | 1650                      | NA                                    | NA                          |
| <a href="#">Radeon HD 6290</a>              | 117                                     | 1579                      | NA                                    | NA                          |
| <a href="#">Radeon HD 6290M</a>             | 140                                     | 1524                      | NA                                    | NA                          |
| <a href="#">Radeon HD 6300M</a>             | 148                                     | 1511                      | NA                                    | NA                          |
| <a href="#">Radeon HD 6310</a>              | 122                                     | 1568                      | NA                                    | NA                          |
| <a href="#">Radeon HD 6320</a>              | 143                                     | 1517                      | <a href="#">0.26</a>                  | <a href="#">\$554.99*</a>   |
| <a href="#">Radeon HD 6320 Graphic</a>      | 216                                     | 1431                      | NA                                    | NA                          |
| <a href="#">Radeon HD 6320M</a>             | 198                                     | 1459                      | NA                                    | NA                          |
| <a href="#">RADEON HD 6350</a>              | 141                                     | 1520                      | <a href="#">3.94</a>                  | <a href="#">\$35.95*</a>    |
| <a href="#">Radeon HD 6370D</a>             | 310                                     | 1345                      | NA                                    | NA                          |
| <a href="#">Radeon HD 6370M</a>             | 275                                     | 1376                      | NA                                    | NA                          |
| <a href="#">Radeon HD 6380G</a>             | 213                                     | 1436                      | <a href="#">0.53</a>                  | <a href="#">\$399.99*</a>   |
| <a href="#">Radeon HD 6410D</a>             | 217                                     | 1428                      | NA                                    | NA                          |
| <a href="#">Radeon HD 6430M</a>             | 192                                     | 1466                      | NA                                    | NA                          |
| <a href="#">Radeon HD 6450</a>              | 197                                     | 1460                      | <a href="#">4.59</a>                  | <a href="#">\$43.00*</a>    |
| <a href="#">Radeon HD 6450 + 8470D Dual</a> | 762                                     | 875                       | NA                                    | NA                          |
| <a href="#">Radeon HD 6450A</a>             | 260                                     | 1388                      | NA                                    | NA                          |
| <a href="#">Radeon HD 6470M</a>             | 225                                     | 1416                      | <a href="#">0.40</a>                  | <a href="#">\$569.99*</a>   |
| <a href="#">Radeon HD 6480G</a>             | 278                                     | 1374                      | NA                                    | NA                          |
| <a href="#">Radeon HD 6480M</a>             | 353                                     | 1305                      | NA                                    | NA                          |
| <a href="#">Radeon HD 6490M</a>             | 377                                     | 1282                      | <a href="#">0.32</a>                  | <a href="#">\$1,193.03*</a> |

| Videocard Name  | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)            |
|---|---|---------------------------|---------------------------------------|---------------------------|
| <a href="#">Radeon HD 6520G</a>                       | 304                                     | 1350                      | NA                                    | NA                        |
| <a href="#">Radeon HD 6530D</a>                       | 315                                     | 1341                      | NA                                    | NA                        |
| <a href="#">Radeon HD 6550A</a>                       | 707                                     | 933                       | NA                                    | NA                        |
| <a href="#">Radeon HD 6550D</a>                       | 410                                     | 1260                      | NA                                    | NA                        |
| <a href="#">Radeon HD 6570</a>                        | 508                                     | 1161                      | <a href="#">10.17</a>                 | <a href="#">\$49.99*</a>  |
| <a href="#">Radeon HD 6610M</a>                       | 565                                     | 1092                      | NA                                    | NA                        |
| <a href="#">Radeon HD 6620G</a>                       | 386                                     | 1279                      | NA                                    | NA                        |
| <a href="#">Radeon HD 6630M</a>                       | 684                                     | 959                       | NA                                    | NA                        |
| <a href="#">Radeon HD 6650A</a>                       | 835                                     | 812                       | NA                                    | NA                        |
| <a href="#">Radeon HD 6650M</a>                       | 748                                     | 891                       | NA                                    | NA                        |
| <a href="#">Radeon HD 6670</a>                        | 689                                     | 955                       | <a href="#">6.70</a>                  | <a href="#">\$102.99*</a> |
| <a href="#">Radeon HD 6670 + 6670 Dual</a>            | 646                                     | 993                       | NA                                    | NA                        |
| <a href="#">Radeon HD 6670 + 7660D Dual</a>           | 1492                                    | 537                       | NA                                    | NA                        |
| <a href="#">Radeon HD 6670/7670</a>                   | 945                                     | 738                       | NA                                    | NA                        |
| <a href="#">Radeon HD 6700M</a>                       | 1016                                    | 694                       | NA                                    | NA                        |
| <a href="#">Radeon HD 6750</a>                        | 1055                                    | 672                       | <a href="#">21.10</a>                 | <a href="#">\$49.99*</a>  |
| <a href="#">Radeon HD 6750M</a>                       | 937                                     | 744                       | NA                                    | NA                        |
| <a href="#">Radeon HD 6770</a>                        | 1224                                    | 609                       | <a href="#">15.90</a>                 | <a href="#">\$76.99*</a>  |
| <a href="#">Radeon HD 6770M</a>                       | 964                                     | 722                       | NA                                    | NA                        |
| <a href="#">Radeon HD 6790</a>                        | 1666                                    | 497                       | <a href="#">25.63</a>                 | <a href="#">\$64.99*</a>  |
| <a href="#">Radeon HD 6800M</a>                       | 746                                     | 897                       | NA                                    | NA                        |
| <a href="#">Radeon HD 6850</a>                        | 1998                                    | 427                       | <a href="#">12.09</a>                 | <a href="#">\$165.32*</a> |
| <a href="#">Radeon HD 6850 X2</a>                     | 2534                                    | 355                       | NA                                    | NA                        |
| <a href="#">Radeon HD 6870</a>                        | 2215                                    | 395                       | <a href="#">14.77</a>                 | <a href="#">\$150.00*</a> |
| <a href="#">Radeon HD 6900M</a>                       | 1776                                    | 483                       | NA                                    | NA                        |
| <a href="#">Radeon HD 6950</a>                        | 2726                                    | 335                       | <a href="#">18.38</a>                 | <a href="#">\$148.32*</a> |
| <a href="#">Radeon HD 6970</a>                        | 2928                                    | 319                       | <a href="#">48.81</a>                 | <a href="#">\$59.99*</a>  |
| <a href="#">Radeon HD 6970M</a>                       | 2270                                    | 385                       | <a href="#">10.51</a>                 | <a href="#">\$215.99*</a> |
| <a href="#">Radeon HD 6990</a>                        | 2932                                    | 318                       | <a href="#">18.33</a>                 | <a href="#">\$159.99*</a> |
| <a href="#">Radeon HD 7290</a>                        | 115                                     | 1590                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7290M</a>                       | 123                                     | 1564                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7310</a>                        | 130                                     | 1546                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7310 - Carte graphique</a>      | 174                                     | 1487                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7310G</a>                       | 180                                     | 1477                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7310M</a>                       | 166                                     | 1493                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7340</a>                        | 152                                     | 1506                      | <a href="#">0.28</a>                  | <a href="#">\$552.69*</a> |
| <a href="#">Radeon HD 7340G</a>                       | 196                                     | 1462                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7340M</a>                       | 221                                     | 1420                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7350</a>                        | 215                                     | 1432                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7400G</a>                       | 300                                     | 1355                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7420G</a>                       | 304                                     | 1351                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7450</a>                        | 237                                     | 1411                      | <a href="#">4.75</a>                  | <a href="#">\$49.99*</a>  |
| <a href="#">Radeon HD 7450A</a>                       | 288                                     | 1365                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7450M</a>                       | 329                                     | 1327                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7470</a>                        | 409                                     | 1261                      | <a href="#">21.85</a>                 | <a href="#">\$18.76*</a>  |
| <a href="#">Radeon HD 7470M</a>                       | 407                                     | 1262                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7480D</a>                       | 296                                     | 1358                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7500G</a>                       | 303                                     | 1352                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7500G + 7500M/7600M Dual</a>    | 616                                     | 1034                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7500G + 7550M Dual</a>          | 497                                     | 1173                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7500G + HD 7500M/7600M Dual</a> | 355                                     | 1304                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7520G</a>                       | 294                                     | 1360                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7520G + 7400M Dual</a>          | 486                                     | 1184                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7520G + 7470M Dual</a>          | 542                                     | 1128                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7520G + 7500/7600 Dual</a>      | 582                                     | 1069                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7520G + 7600M Dual</a>          | 591                                     | 1058                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7520G + 7610M Dual</a>          | 588                                     | 1062                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7520G + 7650M Dual</a>          | 453                                     | 1218                      | NA                                    | NA                        |

| Videocard Name  | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)           |
|---|---|---------------------------|---------------------------------------|--------------------------|
| <a href="#">Radeon HD 7520G + 7670M Dual</a>                        | 523                                     | 1145                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7520G + 7700M Dual</a>                        | 1060                                    | 670                       | NA                                    | NA                       |
| <a href="#">Radeon HD 7520G + 8600/8700M Dual</a>                   | 311                                     | 1344                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7520G + 8750M Dual</a>                        | 376                                     | 1283                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7520G + HD 7400M Dual</a>                     | 544                                     | 1125                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7520G + HD 7500/7600 Dual</a>                 | 832                                     | 816                       | NA                                    | NA                       |
| <a href="#">Radeon HD 7520G + HD 7600M Dual</a>                     | 447                                     | 1225                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7520G + HD 7670M Dual</a>                     | 495                                     | 1175                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7520G + HD 7700M Dual</a>                     | 574                                     | 1079                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7520G + HD 8600/8700M Dual</a>                | 623                                     | 1024                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7520G + HD 8750M Dual</a>                     | 651                                     | 989                       | NA                                    | NA                       |
| <a href="#">Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/7600</a> | 574                                     | 1081                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D</a>  | 364                                     | 1298                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7540D</a>                                     | 344                                     | 1311                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7540D + 6570 Dual</a>                         | 719                                     | 924                       | NA                                    | NA                       |
| <a href="#">Radeon HD 7540D + 7500 Dual</a>                         | 821                                     | 830                       | NA                                    | NA                       |
| <a href="#">Radeon HD 7540D + HD 6450 Dual</a>                      | 643                                     | 998                       | NA                                    | NA                       |
| <a href="#">Radeon HD 7550M</a>                                     | 464                                     | 1203                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7550M/7650M</a>                               | 728                                     | 910                       | NA                                    | NA                       |
| <a href="#">Radeon HD 7560D</a>                                     | 481                                     | 1187                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7560D + 6450 Dual</a>                         | 568                                     | 1090                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7560D + 6570 Dual</a>                         | 833                                     | 815                       | NA                                    | NA                       |
| <a href="#">Radeon HD 7560D + 6670 Dual</a>                         | 1130                                    | 641                       | NA                                    | NA                       |
| <a href="#">Radeon HD 7560D + 7560D Dual</a>                        | 982                                     | 713                       | NA                                    | NA                       |
| <a href="#">Radeon HD 7560D + 7570 Dual</a>                         | 985                                     | 711                       | NA                                    | NA                       |
| <a href="#">Radeon HD 7560D + 7670 Dual</a>                         | 1426                                    | 553                       | NA                                    | NA                       |
| <a href="#">Radeon HD 7560D + 7700 Dual</a>                         | 1919                                    | 452                       | NA                                    | NA                       |
| <a href="#">Radeon HD 7560D + HD 6570 Dual</a>                      | 1237                                    | 602                       | NA                                    | NA                       |
| <a href="#">Radeon HD 7560D + HD 6670 Dual</a>                      | 1554                                    | 522                       | NA                                    | NA                       |
| <a href="#">Radeon HD 7560D + HD 7000 Dual</a>                      | 534                                     | 1135                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7560D + HD 7600 Dual</a>                      | 1258                                    | 594                       | NA                                    | NA                       |
| <a href="#">Radeon HD 7560D + HD 7670 Dual</a>                      | 1380                                    | 560                       | NA                                    | NA                       |
| <a href="#">Radeon HD 7560D + HD 7700 Dual</a>                      | 1346                                    | 570                       | NA                                    | NA                       |
| <a href="#">Radeon HD 7560D + HD 8570 Dual</a>                      | 935                                     | 745                       | NA                                    | NA                       |
| <a href="#">Radeon HD 7560D + R5 235 Dual</a>                       | 563                                     | 1094                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7570</a>                                      | 633                                     | 1012                      | <a href="#">12.33</a>                 | <a href="#">\$51.41*</a> |
| <a href="#">Radeon HD 7570M</a>                                     | 464                                     | 1204                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7570M/HD 7670M</a>                            | 699                                     | 945                       | NA                                    | NA                       |
| <a href="#">Radeon HD 7580D</a>                                     | 350                                     | 1309                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7600G</a>                                     | 350                                     | 1308                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7600G + 6400M Dual</a>                        | 376                                     | 1284                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7600G + 7450M Dual</a>                        | 389                                     | 1272                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7600G + 7500M/7600M Dual</a>                  | 405                                     | 1264                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7600G + 7550M Dual</a>                        | 423                                     | 1253                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7600G + 8500M/8700M Dual</a>                  | 469                                     | 1197                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7600G + HD 7400M Dual</a>                     | 328                                     | 1328                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7600G + HD 7500M/7600M Dual</a>               | 555                                     | 1105                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7600G + HD 7550M Dual</a>                     | 509                                     | 1158                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7600G + HD 8670M Dual</a>                     | 543                                     | 1126                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7600G + HD Dual</a>                           | 435                                     | 1240                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7600G N HD 7600G + HD ON HD Dual</a>          | 526                                     | 1142                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7600M + 7600M Dual</a>                        | 773                                     | 860                       | NA                                    | NA                       |
| <a href="#">Radeon HD 7610M</a>                                     | 632                                     | 1014                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7620G</a>                                     | 345                                     | 1310                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7620G + 8600M Dual</a>                        | 508                                     | 1159                      | NA                                    | NA                       |
| <a href="#">Radeon HD 7620G + 8670M Dual</a>                        | 577                                     | 1075                      | NA                                    | NA                       |

| Videocard Name   | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)            |
|--|---|---------------------------|---------------------------------------|---------------------------|
| <a href="#">Radeon HD 7620G + HD 8600M Dual</a>                    | 442                                     | 1233                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7620G + HD 8670M Dual</a>                    | 507                                     | 1163                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D</a> | 451                                     | 1222                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G</a>                                    | 455                                     | 1217                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + 6400M Dual</a>                       | 526                                     | 1141                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + 7400M Dual</a>                       | 637                                     | 1004                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + 7450M Dual</a>                       | 754                                     | 886                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + 7470M Dual</a>                       | 595                                     | 1055                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + 7500/7600 Dual</a>                   | 627                                     | 1020                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + 7500M/7600M Dual</a>                 | 775                                     | 857                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + 7600M Dual</a>                       | 705                                     | 937                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + 7610M Dual</a>                       | 510                                     | 1157                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + 7650M Dual</a>                       | 747                                     | 893                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + 7670M Dual</a>                       | 644                                     | 996                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + 7690M Dual</a>                       | 945                                     | 739                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + 7700M Dual</a>                       | 690                                     | 952                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + 8500M Dual</a>                       | 585                                     | 1066                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + 8570M Dual</a>                       | 558                                     | 1101                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + 8600/8700M Dual</a>                  | 688                                     | 956                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + 8600M Dual</a>                       | 249                                     | 1396                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + 8670M Dual</a>                       | 558                                     | 1100                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + 8750M Dual</a>                       | 654                                     | 983                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + HD 7400M Dual</a>                    | 621                                     | 1026                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + HD 7500/7600 Dual</a>                | 423                                     | 1252                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + HD 7600M Dual</a>                    | 704                                     | 939                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + HD 7600M N HD 7600M Dual</a>         | 406                                     | 1263                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + HD 7670M Dual</a>                    | 518                                     | 1147                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + HD 7700M Dual</a>                    | 589                                     | 1060                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + HD 7700M N HD 7700M Dual</a>         | 630                                     | 1015                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + HD 8500M Dual</a>                    | 607                                     | 1045                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + HD 8500M N HD 8500M Dual</a>         | 665                                     | 973                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + HD 8570M Dual</a>                    | 474                                     | 1192                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + HD 8600/8700M Dual</a>               | 586                                     | 1065                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + HD 8670M Dual</a>                    | 677                                     | 965                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + HD 8750M Dual</a>                    | 996                                     | 706                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G + R5 M200 Dual</a>                     | 559                                     | 1097                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D</a> | 824                                     | 826                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G N HD 7640G + HD 7670M Dual</a>         | 679                                     | 962                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7640G N HD 7640G + HD 8570M Dual</a>         | 422                                     | 1255                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7650A</a>                                    | 552                                     | 1107                      | <a href="#">2.11</a>                  | <a href="#">\$262.00*</a> |
| <a href="#">Radeon HD 7650M</a>                                    | 472                                     | 1194                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7660D</a>                                    | 498                                     | 1169                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7660D + 6570 Dual</a>                        | 1100                                    | 655                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660D + 6670 Dual</a>                        | 1238                                    | 600                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660D + 7470 Dual</a>                        | 465                                     | 1202                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7660D + 7500 Dual</a>                        | 1121                                    | 646                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660D + 7540D Dual</a>                       | 1204                                    | 616                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660D + 7670 Dual</a>                        | 1061                                    | 669                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660D + HD 6670 Dual</a>                     | 1484                                    | 540                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660D + HD 7000 Dual</a>                     | 633                                     | 1013                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7660D + HD 7400 Dual</a>                     | 339                                     | 1317                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7660D + HD 7700 Dual</a>                     | 1958                                    | 444                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660D + R5 235 Dual</a>                      | 523                                     | 1144                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7660D + R7 240 Dual</a>                      | 941                                     | 743                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G</a>                                    | 481                                     | 1185                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G + 7400M Dual</a>                       | 588                                     | 1063                      | NA                                    | NA                        |

| Videocard Name   | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)            |
|--|---|---------------------------|---------------------------------------|---------------------------|
| <a href="#">Radeon HD 7660G + 7470M Dual</a>                       | 630                                     | 1016                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G + 7600M Dual</a>                       | 831                                     | 819                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G + 7610M Dual</a>                       | 745                                     | 898                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G + 7670M Dual</a>                       | 743                                     | 900                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G + 7700M Dual</a>                       | 757                                     | 881                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G + 7730M Dual</a>                       | 931                                     | 746                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G + 8600M Dual</a>                       | 445                                     | 1228                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G + 8670M Dual</a>                       | 587                                     | 1064                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G + HD 7500/7600 7500/7600 Dual</a>      | 1002                                    | 703                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G + HD 7500/7600 Dual</a>                | 760                                     | 877                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G + HD 7500M/7600M Dual</a>              | 999                                     | 705                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G + HD 7600M Dual</a>                    | 659                                     | 980                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G + HD 7600M N HD 7600M Dual</a>         | 460                                     | 1209                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G + HD 7670M Dual</a>                    | 706                                     | 935                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G + HD 7700M Dual</a>                    | 751                                     | 888                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G + HD 7730M Dual</a>                    | 881                                     | 783                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G + HD 8500M Dual</a>                    | 758                                     | 878                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G + HD 8600/8700M Dual</a>               | 747                                     | 894                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G + HD 8600M Dual</a>                    | 363                                     | 1300                      | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G + HD 8670M Dual</a>                    | 711                                     | 931                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D</a> | 722                                     | 915                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G N HD 7660G + HD 7670M Dual</a>         | 704                                     | 938                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D</a> | 966                                     | 721                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7670</a>                                     | 853                                     | 800                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7670A</a>                                    | 1050                                    | 677                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7670M</a>                                    | 440                                     | 1236                      | <a href="#">0.70</a>                  | <a href="#">\$629.99*</a> |
| <a href="#">Radeon HD 7670M + 7670M Dual</a>                       | 738                                     | 906                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7690M</a>                                    | 1003                                    | 701                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7690M XT</a>                                 | 1009                                    | 697                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7700-serie</a>                               | 1899                                    | 454                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7730</a>                                     | 1246                                    | 596                       | <a href="#">24.93</a>                 | <a href="#">\$49.99*</a>  |
| <a href="#">Radeon HD 7730M</a>                                    | 692                                     | 951                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7750</a>                                     | 1667                                    | 496                       | <a href="#">11.50</a>                 | <a href="#">\$144.99*</a> |
| <a href="#">Radeon HD 7750M</a>                                    | 1191                                    | 620                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7770</a>                                     | 2164                                    | 402                       | <a href="#">14.89</a>                 | <a href="#">\$145.32*</a> |
| <a href="#">Radeon HD 7790</a>                                     | 3090                                    | 305                       | <a href="#">17.14</a>                 | <a href="#">\$180.32*</a> |
| <a href="#">Radeon HD 7800-serie</a>                               | 4029                                    | 237                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7850</a>                                     | 3714                                    | 256                       | <a href="#">49.53</a>                 | <a href="#">\$75.00*</a>  |
| <a href="#">Radeon HD 7850M</a>                                    | 1372                                    | 564                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7870</a>                                     | 4630                                    | 207                       | <a href="#">31.50</a>                 | <a href="#">\$147.00*</a> |
| <a href="#">Radeon HD 7870 XT</a>                                  | 4469                                    | 212                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7870M</a>                                    | 1507                                    | 534                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7950 / R9 280</a>                            | 4764                                    | 201                       | <a href="#">22.69</a>                 | <a href="#">\$210.01*</a> |
| <a href="#">Radeon HD 7970 / R9 280X</a>                           | 5247                                    | 183                       | <a href="#">41.65</a>                 | <a href="#">\$125.99*</a> |
| <a href="#">Radeon HD 7970M</a>                                    | 3619                                    | 261                       | NA                                    | NA                        |
| <a href="#">Radeon HD 7990</a>                                     | 5565                                    | 172                       | <a href="#">5.62</a>                  | <a href="#">\$990.44*</a> |
| <a href="#">Radeon HD 8180</a>                                     | 152                                     | 1505                      | NA                                    | NA                        |
| <a href="#">Radeon HD 8210</a>                                     | 206                                     | 1450                      | NA                                    | NA                        |
| <a href="#">Radeon HD 8210E</a>                                    | 193                                     | 1465                      | NA                                    | NA                        |
| <a href="#">Radeon HD 8240</a>                                     | 249                                     | 1395                      | NA                                    | NA                        |
| <a href="#">Radeon HD 8250</a>                                     | 203                                     | 1455                      | NA                                    | NA                        |
| <a href="#">Radeon HD 8280</a>                                     | 319                                     | 1336                      | NA                                    | NA                        |
| <a href="#">Radeon HD 8280E</a>                                    | 283                                     | 1369                      | NA                                    | NA                        |
| <a href="#">Radeon HD 8280G</a>                                    | 269                                     | 1381                      | NA                                    | NA                        |
| <a href="#">Radeon HD 8310E</a>                                    | 340                                     | 1316                      | NA                                    | NA                        |
| <a href="#">Radeon HD 8330</a>                                     | 251                                     | 1393                      | NA                                    | NA                        |

| Videocard Name   | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)           |
|--|---|---------------------------|---------------------------------------|--------------------------|
| <a href="#">Radeon HD 8330E</a>                                    | 240                                     | 1407                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8350</a>                                     | 189                                     | 1471                      | <a href="#">8.16</a>                  | <a href="#">\$23.18*</a> |
| <a href="#">Radeon HD 8350G</a>                                    | 443                                     | 1232                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8370D</a>                                    | 282                                     | 1370                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8400</a>                                     | 256                                     | 1391                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8400E</a>                                    | 339                                     | 1319                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8410G</a>                                    | 435                                     | 1241                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8450G</a>                                    | 384                                     | 1281                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8450G + 8600/8700M Dual</a>                  | 1070                                    | 664                       | NA                                    | NA                       |
| <a href="#">Radeon HD 8450G + 8600M Dual</a>                       | 545                                     | 1121                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8450G + 8670M Dual</a>                       | 474                                     | 1191                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8450G + 8750M Dual</a>                       | 637                                     | 1006                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8450G + HD 8600M Dual</a>                    | 452                                     | 1220                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8450G + HD 8670M Dual</a>                    | 574                                     | 1082                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8450G + HD 8750M Dual</a>                    | 503                                     | 1167                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8450G + R5 M230 Dual</a>                     | 578                                     | 1073                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8470</a>                                     | 341                                     | 1315                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8470D</a>                                    | 364                                     | 1299                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8470D + 6450 Dual</a>                        | 717                                     | 926                       | NA                                    | NA                       |
| <a href="#">Radeon HD 8470D + 6570 Dual</a>                        | 837                                     | 810                       | NA                                    | NA                       |
| <a href="#">Radeon HD 8470D + HD 6450 Dual</a>                     | 862                                     | 794                       | NA                                    | NA                       |
| <a href="#">Radeon HD 8470D + HD 6670 Dual</a>                     | 1435                                    | 551                       | NA                                    | NA                       |
| <a href="#">Radeon HD 8470D + HD 7500 Dual</a>                     | 1545                                    | 524                       | NA                                    | NA                       |
| <a href="#">Radeon HD 8490</a>                                     | 271                                     | 1378                      | <a href="#">4.54</a>                  | <a href="#">\$59.68*</a> |
| <a href="#">Radeon HD 8500M</a>                                    | 388                                     | 1276                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8500M/8700M</a>                              | 852                                     | 804                       | NA                                    | NA                       |
| <a href="#">Radeon HD 8510G</a>                                    | 388                                     | 1275                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8510G + 8500M Dual</a>                       | 596                                     | 1053                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8510G + HD 8500M Dual</a>                    | 629                                     | 1018                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8550D</a>                                    | 685                                     | 958                       | NA                                    | NA                       |
| <a href="#">Radeon HD 8550G</a>                                    | 456                                     | 1214                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8550G + 7600M Dual</a>                       | 901                                     | 770                       | NA                                    | NA                       |
| <a href="#">Radeon HD 8550G + 8500M Dual</a>                       | 602                                     | 1050                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8550G + 8570M Dual</a>                       | 532                                     | 1136                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8550G + 8600/8700M Dual</a>                  | 802                                     | 838                       | NA                                    | NA                       |
| <a href="#">Radeon HD 8550G + 8600M Dual</a>                       | 617                                     | 1032                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8550G + 8670M Dual</a>                       | 579                                     | 1071                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8550G + 8690M Dual</a>                       | 664                                     | 975                       | NA                                    | NA                       |
| <a href="#">Radeon HD 8550G + 8750M Dual</a>                       | 795                                     | 844                       | NA                                    | NA                       |
| <a href="#">Radeon HD 8550G + HD 7600M Dual</a>                    | 854                                     | 799                       | NA                                    | NA                       |
| <a href="#">Radeon HD 8550G + HD 8500M Dual</a>                    | 558                                     | 1099                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8550G + HD 8570M Dual</a>                    | 529                                     | 1139                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8550G + HD 8600/8700M Dual</a>               | 654                                     | 984                       | NA                                    | NA                       |
| <a href="#">Radeon HD 8550G + HD 8600M Dual</a>                    | 593                                     | 1056                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8550G + HD 8670M Dual</a>                    | 546                                     | 1119                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8550G + HD 8750M Dual</a>                    | 819                                     | 832                       | NA                                    | NA                       |
| <a href="#">Radeon HD 8550G + R5 M200 Dual</a>                     | 619                                     | 1029                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8550G + R5 M230 Dual</a>                     | 487                                     | 1181                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D</a> | 611                                     | 1040                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8570</a>                                     | 1002                                    | 702                       | <a href="#">10.16</a>                 | <a href="#">\$98.68*</a> |
| <a href="#">Radeon HD 8570 + 8670D Dual</a>                        | 620                                     | 1028                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8570 + HD 7660D Dual</a>                     | 949                                     | 734                       | NA                                    | NA                       |
| <a href="#">Radeon HD 8570D</a>                                    | 449                                     | 1224                      | NA                                    | NA                       |
| <a href="#">Radeon HD 8570D + 6570 Dual</a>                        | 1239                                    | 599                       | NA                                    | NA                       |
| <a href="#">Radeon HD 8570D + 6670 Dual</a>                        | 1039                                    | 685                       | NA                                    | NA                       |
| <a href="#">Radeon HD 8570D + HD 6570 Dual</a>                     | 868                                     | 791                       | NA                                    | NA                       |

| Videocard Name   | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD) |
|--|---|---------------------------|---------------------------------------|----------------|
| <a href="#">Radeon HD 8570D + HD 6670 Dual</a>                     | 1260                                    | 593                       | NA                                    | NA             |
| <a href="#">Radeon HD 8570D + HD 7000 Dual</a>                     | 753                                     | 887                       | NA                                    | NA             |
| <a href="#">Radeon HD 8570D + HD 7700 Dual</a>                     | 1834                                    | 468                       | NA                                    | NA             |
| <a href="#">Radeon HD 8570D + HD 8470 Dual</a>                     | 338                                     | 1321                      | NA                                    | NA             |
| <a href="#">Radeon HD 8570D + HD 8570 Dual</a>                     | 1032                                    | 687                       | NA                                    | NA             |
| <a href="#">Radeon HD 8570D + HD8490 Dual</a>                      | 374                                     | 1288                      | NA                                    | NA             |
| <a href="#">Radeon HD 8570D + R5 235 Dual</a>                      | 470                                     | 1196                      | NA                                    | NA             |
| <a href="#">Radeon HD 8570D + R7 200 Dual</a>                      | 999                                     | 704                       | NA                                    | NA             |
| <a href="#">Radeon HD 8570D + R7 240 Dual</a>                      | 963                                     | 724                       | NA                                    | NA             |
| <a href="#">Radeon HD 8570M</a>                                    | 446                                     | 1226                      | NA                                    | NA             |
| <a href="#">Radeon HD 8600/8700M</a>                               | 1029                                    | 688                       | NA                                    | NA             |
| <a href="#">Radeon HD 8610G</a>                                    | 420                                     | 1257                      | NA                                    | NA             |
| <a href="#">Radeon HD 8610G + 8500M Dual</a>                       | 610                                     | 1042                      | NA                                    | NA             |
| <a href="#">Radeon HD 8610G + 8600M Dual</a>                       | 588                                     | 1061                      | NA                                    | NA             |
| <a href="#">Radeon HD 8610G + 8670M Dual</a>                       | 599                                     | 1051                      | NA                                    | NA             |
| <a href="#">Radeon HD 8610G + HD 8500M Dual</a>                    | 645                                     | 994                       | NA                                    | NA             |
| <a href="#">Radeon HD 8610G + HD 8600M Dual</a>                    | 480                                     | 1188                      | NA                                    | NA             |
| <a href="#">Radeon HD 8610G + HD 8670M Dual</a>                    | 577                                     | 1074                      | NA                                    | NA             |
| <a href="#">Radeon HD 8610G + R5 M200 Dual</a>                     | 676                                     | 966                       | NA                                    | NA             |
| <a href="#">Radeon HD 8650D</a>                                    | 525                                     | 1143                      | NA                                    | NA             |
| <a href="#">Radeon HD 8650G</a>                                    | 515                                     | 1152                      | NA                                    | NA             |
| <a href="#">Radeon HD 8650G + 7600M Dual</a>                       | 741                                     | 902                       | NA                                    | NA             |
| <a href="#">Radeon HD 8650G + 7670M Dual</a>                       | 883                                     | 779                       | NA                                    | NA             |
| <a href="#">Radeon HD 8650G + 7700M Dual</a>                       | 1126                                    | 643                       | NA                                    | NA             |
| <a href="#">Radeon HD 8650G + 8500M Dual</a>                       | 626                                     | 1022                      | NA                                    | NA             |
| <a href="#">Radeon HD 8650G + 8570M Dual</a>                       | 654                                     | 985                       | NA                                    | NA             |
| <a href="#">Radeon HD 8650G + 8600/8700M Dual</a>                  | 831                                     | 817                       | NA                                    | NA             |
| <a href="#">Radeon HD 8650G + 8600M Dual</a>                       | 613                                     | 1037                      | NA                                    | NA             |
| <a href="#">Radeon HD 8650G + 8670M Dual</a>                       | 635                                     | 1008                      | NA                                    | NA             |
| <a href="#">Radeon HD 8650G + 8750M Dual</a>                       | 786                                     | 850                       | NA                                    | NA             |
| <a href="#">Radeon HD 8650G + HD 7600M Dual</a>                    | 819                                     | 831                       | NA                                    | NA             |
| <a href="#">Radeon HD 8650G + HD 7670M Dual</a>                    | 634                                     | 1011                      | NA                                    | NA             |
| <a href="#">Radeon HD 8650G + HD 8570M Dual</a>                    | 716                                     | 927                       | NA                                    | NA             |
| <a href="#">Radeon HD 8650G + HD 8600/8700M Dual</a>               | 763                                     | 871                       | NA                                    | NA             |
| <a href="#">Radeon HD 8650G + HD 8600M Dual</a>                    | 606                                     | 1047                      | NA                                    | NA             |
| <a href="#">Radeon HD 8650G + HD 8600M N HD 8600M Dual</a>         | 757                                     | 880                       | NA                                    | NA             |
| <a href="#">Radeon HD 8650G + HD 8670M Dual</a>                    | 585                                     | 1067                      | NA                                    | NA             |
| <a href="#">Radeon HD 8650G + HD 8750M Dual</a>                    | 778                                     | 855                       | NA                                    | NA             |
| <a href="#">Radeon HD 8650G + HD 8790M Dual</a>                    | 799                                     | 840                       | NA                                    | NA             |
| <a href="#">Radeon HD 8650G + R5 M200 Dual</a>                     | 722                                     | 917                       | NA                                    | NA             |
| <a href="#">Radeon HD 8650G + R5 M230 Dual</a>                     | 686                                     | 957                       | NA                                    | NA             |
| <a href="#">Radeon HD 8650G N HD 8650G + HD 8570M Dual</a>         | 773                                     | 861                       | NA                                    | NA             |
| <a href="#">Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual</a>    | 796                                     | 842                       | NA                                    | NA             |
| <a href="#">Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D</a> | 679                                     | 961                       | NA                                    | NA             |
| <a href="#">Radeon HD 8670D</a>                                    | 569                                     | 1089                      | NA                                    | NA             |
| <a href="#">Radeon HD 8670D + 6670 Dual</a>                        | 1361                                    | 567                       | NA                                    | NA             |
| <a href="#">Radeon HD 8670D + 7000 Dual</a>                        | 811                                     | 834                       | NA                                    | NA             |
| <a href="#">Radeon HD 8670D + 7700 Dual</a>                        | 1788                                    | 480                       | NA                                    | NA             |
| <a href="#">Radeon HD 8670D + 8570 Dual</a>                        | 974                                     | 716                       | NA                                    | NA             |
| <a href="#">Radeon HD 8670D + HD 6670 Dual</a>                     | 1221                                    | 610                       | NA                                    | NA             |
| <a href="#">Radeon HD 8670D + HD 7000 Dual</a>                     | 718                                     | 925                       | NA                                    | NA             |
| <a href="#">Radeon HD 8670D + HD 7600 Dual</a>                     | 1317                                    | 576                       | NA                                    | NA             |
| <a href="#">Radeon HD 8670D + HD 7700 Dual</a>                     | 1892                                    | 455                       | NA                                    | NA             |
| <a href="#">Radeon HD 8670D + R5 235 Dual</a>                      | 836                                     | 811                       | NA                                    | NA             |
| <a href="#">Radeon HD 8670D + R5 330 Dual</a>                      | 746                                     | 896                       | NA                                    | NA             |
| <a href="#">Radeon HD 8670D + R7 200 Dual</a>                      | 949                                     | 733                       | NA                                    | NA             |

| Videocard Name   | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)            |
|--|---|---------------------------|---------------------------------------|---------------------------|
| <a href="#">Radeon HD 8670D + R7 240 Dual</a>              | 1020                                    | 692                       | NA                                    | NA                        |
| <a href="#">Radeon HD 8670D N HD 8670D + HD 8670D Dual</a> | 488                                     | 1180                      | NA                                    | NA                        |
| <a href="#">Radeon HD 8670M</a>                            | 520                                     | 1146                      | NA                                    | NA                        |
| <a href="#">Radeon HD 8690A</a>                            | 467                                     | 1199                      | NA                                    | NA                        |
| <a href="#">Radeon HD 8690M</a>                            | 984                                     | 712                       | NA                                    | NA                        |
| <a href="#">Radeon HD 8730M</a>                            | 702                                     | 941                       | NA                                    | NA                        |
| <a href="#">Radeon HD 8750M</a>                            | 880                                     | 784                       | NA                                    | NA                        |
| <a href="#">Radeon HD 8790M</a>                            | 1305                                    | 585                       | NA                                    | NA                        |
| <a href="#">Radeon HD 8790M / R9 M290X</a>                 | 1210                                    | 613                       | NA                                    | NA                        |
| <a href="#">Radeon HD 8850M</a>                            | 973                                     | 718                       | NA                                    | NA                        |
| <a href="#">Radeon HD 8850M / R9 M265X</a>                 | 1139                                    | 636                       | NA                                    | NA                        |
| <a href="#">Radeon HD 8870M</a>                            | 1638                                    | 508                       | NA                                    | NA                        |
| <a href="#">Radeon HD 8870M / R9 M270X / M370X</a>         | 1799                                    | 476                       | NA                                    | NA                        |
| <a href="#">Radeon HD 8950</a>                             | 2099                                    | 409                       | NA                                    | NA                        |
| <a href="#">Radeon HD 8970M</a>                            | 3876                                    | 250                       | <a href="#">27.69</a>                 | <a href="#">\$139.99*</a> |
| <a href="#">Radeon HD 8990</a>                             | 5214                                    | 186                       | NA                                    | NA                        |
| <a href="#">Radeon HD HD7850M</a>                          | 1651                                    | 502                       | NA                                    | NA                        |
| <a href="#">Radeon HD4650</a>                              | 239                                     | 1408                      | NA                                    | NA                        |
| <a href="#">Radeon HD4670</a>                              | 365                                     | 1296                      | NA                                    | NA                        |
| <a href="#">RADEON HD6370D</a>                             | 320                                     | 1334                      | NA                                    | NA                        |
| <a href="#">RADEON HD6410D</a>                             | 422                                     | 1254                      | NA                                    | NA                        |
| <a href="#">RADEON HD6530D</a>                             | 531                                     | 1138                      | NA                                    | NA                        |
| <a href="#">RADEON HD7450</a>                              | 199                                     | 1458                      | <a href="#">8.95</a>                  | <a href="#">\$22.25*</a>  |
| <a href="#">Radeon HD7570</a>                              | 1028                                    | 689                       | NA                                    | NA                        |
| <a href="#">Radeon HD8490</a>                              | 263                                     | 1386                      | NA                                    | NA                        |
| <a href="#">Radeon HD8530M</a>                             | 490                                     | 1179                      | NA                                    | NA                        |
| <a href="#">Radeon HD8970M</a>                             | 3368                                    | 282                       | NA                                    | NA                        |
| <a href="#">Radeon HDG 4670</a>                            | 170                                     | 1489                      | NA                                    | NA                        |
| <a href="#">RADEON IGP 320</a>                             | 3                                       | 2065                      | NA                                    | NA                        |
| <a href="#">Radeon IGP 320M</a>                            | 3                                       | 2072                      | NA                                    | NA                        |
| <a href="#">Radeon IGP 340M</a>                            | 2                                       | 2109                      | NA                                    | NA                        |
| <a href="#">RADEON IGP 345M</a>                            | 2                                       | 2098                      | NA                                    | NA                        |
| <a href="#">RADEON IGP 34xM</a>                            | 1                                       | 2119                      | NA                                    | NA                        |
| <a href="#">RADEON IGP 350M</a>                            | 6                                       | 2000                      | NA                                    | NA                        |
| <a href="#">Radeon Infoshock 3000</a>                      | 106                                     | 1620                      | NA                                    | NA                        |
| <a href="#">Radeon Instinct MI25 MxGPU</a>                 | 10466                                   | 77                        | NA                                    | NA                        |
| <a href="#">Radeon M535DX</a>                              | 749                                     | 890                       | NA                                    | NA                        |
| <a href="#">Radeon Pro 450</a>                             | 2722                                    | 337                       | NA                                    | NA                        |
| <a href="#">Radeon Pro 455</a>                             | 3112                                    | 303                       | <a href="#">6.93</a>                  | <a href="#">\$449.00*</a> |
| <a href="#">Radeon Pro 460</a>                             | 3452                                    | 277                       | NA                                    | NA                        |
| <a href="#">Radeon Pro 465</a>                             | 4537                                    | 209                       | NA                                    | NA                        |
| <a href="#">Radeon Pro 5300</a>                            | 7424                                    | 132                       | NA                                    | NA                        |
| <a href="#">Radeon Pro 5300M</a>                           | 5478                                    | 176                       | NA                                    | NA                        |
| <a href="#">Radeon Pro 5500 XT</a>                         | 8289                                    | 112                       | NA                                    | NA                        |
| <a href="#">Radeon Pro 5500M</a>                           | 6688                                    | 147                       | NA                                    | NA                        |
| <a href="#">Radeon Pro 555</a>                             | 3140                                    | 301                       | NA                                    | NA                        |
| <a href="#">Radeon Pro 560</a>                             | 3475                                    | 272                       | NA                                    | NA                        |
| <a href="#">Radeon Pro 560X</a>                            | 3677                                    | 257                       | NA                                    | NA                        |
| <a href="#">Radeon Pro 570</a>                             | 6336                                    | 153                       | NA                                    | NA                        |
| <a href="#">Radeon Pro 5700</a>                            | 11814                                   | 63                        | NA                                    | NA                        |
| <a href="#">Radeon Pro 5700 XT</a>                         | 11122                                   | 72                        | NA                                    | NA                        |
| <a href="#">Radeon Pro 580</a>                             | 7753                                    | 125                       | NA                                    | NA                        |
| <a href="#">Radeon Pro 580X</a>                            | 7540                                    | 130                       | NA                                    | NA                        |
| <a href="#">Radeon Pro Duo</a>                             | 9672                                    | 88                        | <a href="#">21.54</a>                 | <a href="#">\$449.00*</a> |
| <a href="#">Radeon Pro SSG</a>                             | 10497                                   | 76                        | NA                                    | NA                        |
| <a href="#">Radeon Pro V340 MxGPU</a>                      | 2853                                    | 325                       | NA                                    | NA                        |
| <a href="#">Radeon Pro Vega 16</a>                         | 4682                                    | 206                       | NA                                    | NA                        |

| Videocard Name   | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)            |
|--|---|---------------------------|---------------------------------------|---------------------------|
| <a href="#">Radeon Pro Vega 20</a>                                 | 5751                                    | 169                       | NA                                    | NA                        |
| <a href="#">Radeon Pro Vega 48</a>                                 | 10977                                   | 74                        | NA                                    | NA                        |
| <a href="#">Radeon Pro Vega 56</a>                                 | 12209                                   | 57                        | NA                                    | NA                        |
| <a href="#">Radeon Pro Vega 64</a>                                 | 11455                                   | 67                        | NA                                    | NA                        |
| <a href="#">Radeon Pro Vega II</a>                                 | 14737                                   | 32                        | NA                                    | NA                        |
| <a href="#">Radeon Pro VII</a>                                     | 17227                                   | 16                        | NA                                    | NA                        |
| <a href="#">Radeon Pro W5500</a>                                   | 9377                                    | 93                        | <a href="#">22.93</a>                 | <a href="#">\$408.99</a>  |
| <a href="#">Radeon Pro W5500M</a>                                  | 2821                                    | 328                       | NA                                    | NA                        |
| <a href="#">Radeon Pro W5700</a>                                   | 14823                                   | 30                        | <a href="#">18.53</a>                 | <a href="#">\$799.99</a>  |
| <a href="#">Radeon Pro WX 2100</a>                                 | 1644                                    | 505                       | NA                                    | NA                        |
| <a href="#">Radeon Pro WX 3100</a>                                 | 2702                                    | 340                       | NA                                    | NA                        |
| <a href="#">Radeon Pro WX 3200</a>                                 | 2559                                    | 353                       | <a href="#">13.54</a>                 | <a href="#">\$188.99</a>  |
| <a href="#">Radeon Pro WX 4100</a>                                 | 3665                                    | 259                       | <a href="#">14.66</a>                 | <a href="#">\$249.99</a>  |
| <a href="#">Radeon Pro WX 4130</a>                                 | 2303                                    | 380                       | NA                                    | NA                        |
| <a href="#">Radeon Pro WX 4150</a>                                 | 1849                                    | 464                       | NA                                    | NA                        |
| <a href="#">Radeon Pro WX 4170</a>                                 | 1409                                    | 557                       | NA                                    | NA                        |
| <a href="#">Radeon Pro WX 5100</a>                                 | 5343                                    | 179                       | <a href="#">15.95</a>                 | <a href="#">\$334.99</a>  |
| <a href="#">Radeon Pro WX 7100</a>                                 | 7445                                    | 131                       | <a href="#">16.15</a>                 | <a href="#">\$460.99</a>  |
| <a href="#">Radeon Pro WX 7130</a>                                 | 4710                                    | 205                       | NA                                    | NA                        |
| <a href="#">Radeon Pro WX 8200</a>                                 | 14189                                   | 37                        | <a href="#">14.63</a>                 | <a href="#">\$969.99</a>  |
| <a href="#">Radeon Pro WX 9100</a>                                 | 13112                                   | 49                        | NA                                    | NA                        |
| <a href="#">Radeon Pro WX Vega M GL</a>                            | 6049                                    | 159                       | NA                                    | NA                        |
| <a href="#">Radeon R1E</a>   | 301                                     | 1354                      | NA                                    | NA                        |
| <a href="#">Radeon R2</a>  | 239                                     | 1409                      | NA                                    | NA                        |
| <a href="#">Radeon R2E</a>   | 224                                     | 1417                      | NA                                    | NA                        |
| <a href="#">Radeon R3</a>  | 301                                     | 1353                      | NA                                    | NA                        |
| <a href="#">Radeon R3E</a>   | 247                                     | 1398                      | NA                                    | NA                        |
| <a href="#">Radeon R4</a>  | 339                                     | 1318                      | NA                                    | NA                        |
| <a href="#">Radeon R4E</a>   | 487                                     | 1182                      | NA                                    | NA                        |
| <a href="#">Radeon R5 220</a>                                      | 136                                     | 1532                      | <a href="#">1.60</a>                  | <a href="#">\$85.26*</a>  |
| <a href="#">Radeon R5 230</a>                                      | 242                                     | 1406                      | <a href="#">4.04</a>                  | <a href="#">\$59.99*</a>  |
| <a href="#">Radeon R5 235</a>                                      | 317                                     | 1339                      | <a href="#">5.28</a>                  | <a href="#">\$60.13*</a>  |
| <a href="#">Radeon R5 235 + HD 7560D Dual</a>                      | 743                                     | 899                       | NA                                    | NA                        |
| <a href="#">Radeon R5 235 + HD 8570D Dual</a>                      | 737                                     | 907                       | NA                                    | NA                        |
| <a href="#">Radeon R5 235X</a>                                     | 316                                     | 1340                      | NA                                    | NA                        |
| <a href="#">Radeon R5 240</a>                                      | 518                                     | 1148                      | <a href="#">8.50</a>                  | <a href="#">\$61.00*</a>  |
| <a href="#">Radeon R5 310</a>                                      | 331                                     | 1324                      | <a href="#">0.66</a>                  | <a href="#">\$499.00*</a> |
| <a href="#">Radeon R5 330</a>                                      | 616                                     | 1033                      | <a href="#">1.81</a>                  | <a href="#">\$339.99*</a> |
| <a href="#">Radeon R5 340</a>                                      | 1054                                    | 674                       | NA                                    | NA                        |
| <a href="#">Radeon R5 420</a>                                      | 574                                     | 1080                      | <a href="#">14.39</a>                 | <a href="#">\$39.95*</a>  |
| <a href="#">Radeon R5 430</a>                                      | 908                                     | 768                       | <a href="#">1.11</a>                  | <a href="#">\$819.00*</a> |
| <a href="#">Radeon R5 435</a>                                      | 840                                     | 808                       | NA                                    | NA                        |
| <a href="#">Radeon R5 A10-9600P 4C+6G</a>                          | 619                                     | 1030                      | NA                                    | NA                        |
| <a href="#">Radeon R5 A10-9600P RADEON R5, 10 COMPUTE CORES 4C</a> | 712                                     | 929                       | NA                                    | NA                        |
| <a href="#">Radeon R5 A10-9620P 4C+6G</a>                          | 731                                     | 908                       | NA                                    | NA                        |
| <a href="#">Radeon R5 A10-9630P 4C+6G</a>                          | 977                                     | 715                       | NA                                    | NA                        |
| <a href="#">Radeon R5 A240</a>                                     | 576                                     | 1077                      | NA                                    | NA                        |
| <a href="#">Radeon R5 A6-7480</a>                                  | 722                                     | 916                       | NA                                    | NA                        |
| <a href="#">Radeon R5 A6-8500P</a>                                 | 702                                     | 942                       | NA                                    | NA                        |
| <a href="#">Radeon R5 A6-9400 RADEON R5, 6 COMPUTE CORES 2C+4G</a> | 605                                     | 1048                      | NA                                    | NA                        |
| <a href="#">Radeon R5 A6-9500 2C+6G</a>                            | 853                                     | 802                       | NA                                    | NA                        |
| <a href="#">Radeon R5 A6-9500 RADEON R5, 8 COMPUTE CORES 2C+6G</a> | 929                                     | 751                       | NA                                    | NA                        |
| <a href="#">Radeon R5 A6-9500E 2C+4G</a>                           | 1014                                    | 696                       | NA                                    | NA                        |
| <a href="#">Radeon R5 M230</a>                                     | 386                                     | 1280                      | NA                                    | NA                        |
| <a href="#">Radeon R5 M240</a>                                     | 432                                     | 1246                      | NA                                    | NA                        |

| Videocard Name   | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)            |
|--|---|---------------------------|---------------------------------------|---------------------------|
| <a href="#">Radeon R5 M255</a>                                     | 565                                     | 1091                      | NA                                    | NA                        |
| <a href="#">Radeon R5 M315</a>                                     | 494                                     | 1176                      | NA                                    | NA                        |
| <a href="#">Radeon R5 M320</a>                                     | 429                                     | 1248                      | NA                                    | NA                        |
| <a href="#">Radeon R5 M330</a>                                     | 595                                     | 1054                      | NA                                    | NA                        |
| <a href="#">Radeon R5 M335</a>                                     | 548                                     | 1114                      | NA                                    | NA                        |
| <a href="#">Radeon R5 M420</a>                                     | 458                                     | 1210                      | NA                                    | NA                        |
| <a href="#">Radeon R5 M430</a>                                     | 648                                     | 991                       | NA                                    | NA                        |
| <a href="#">Radeon R5 M435</a>                                     | 873                                     | 788                       | NA                                    | NA                        |
| <a href="#">Radeon R5 Opteron X3216</a>                            | 436                                     | 1238                      | NA                                    | NA                        |
| <a href="#">Radeon R5 PRO A10-8730B 4C+6G</a>                      | 695                                     | 947                       | NA                                    | NA                        |
| <a href="#">Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G</a> | 570                                     | 1086                      | NA                                    | NA                        |
| <a href="#">Radeon R5 PRO A6-8500B 2C+4G</a>                       | 508                                     | 1162                      | NA                                    | NA                        |
| <a href="#">Radeon R5 PRO A6-8530B 2C+4G</a>                       | 689                                     | 954                       | NA                                    | NA                        |
| <a href="#">Radeon R5 PRO A6-8570 2C+6G</a>                        | 847                                     | 806                       | NA                                    | NA                        |
| <a href="#">Radeon R5 PRO A6-8570E 2C+4G</a>                       | 637                                     | 1003                      | NA                                    | NA                        |
| <a href="#">Radeon R5 PRO A6-9500 2C+6G</a>                        | 1096                                    | 658                       | NA                                    | NA                        |
| <a href="#">Radeon R5 PRO A6-9500B 2C+4G</a>                       | 693                                     | 948                       | NA                                    | NA                        |
| <a href="#">Radeon R5 PRO A6-9500E 2C+4G</a>                       | 770                                     | 865                       | NA                                    | NA                        |
| <a href="#">Radeon R5 PRO A8-9600B 4C+6G</a>                       | 658                                     | 981                       | NA                                    | NA                        |
| <a href="#">Radeon R5E</a>   | 338                                     | 1320                      | NA                                    | NA                        |
| <a href="#">Radeon R6</a>  | 590                                     | 1059                      | NA                                    | NA                        |
| <a href="#">Radeon R6 + R7 M265DX Dual</a>                         | 570                                     | 1087                      | NA                                    | NA                        |
| <a href="#">Radeon R6 A10-8700P</a>                                | 555                                     | 1104                      | NA                                    | NA                        |
| <a href="#">Radeon R6 A10-9600P 4C+6G</a>                          | 970                                     | 720                       | NA                                    | NA                        |
| <a href="#">Radeon R6 A8-8600P</a>                                 | 560                                     | 1096                      | NA                                    | NA                        |
| <a href="#">Radeon R6 M255DX</a>                                   | 570                                     | 1088                      | NA                                    | NA                        |
| <a href="#">Radeon R6 Opteron X3418</a>                            | 955                                     | 728                       | NA                                    | NA                        |
| <a href="#">Radeon R6 PRO A10-8700B 4C+6G</a>                      | 538                                     | 1134                      | NA                                    | NA                        |
| <a href="#">Radeon R6 PRO A10-8700B R6, 10 Compute Cores 4C+6G</a> | 598                                     | 1052                      | NA                                    | NA                        |
| <a href="#">Radeon R6 PRO A8-8600B 4C+6G</a>                       | 531                                     | 1137                      | NA                                    | NA                        |
| <a href="#">Radeon R7 + HD 7700 Dual</a>                           | 1962                                    | 439                       | NA                                    | NA                        |
| <a href="#">Radeon R7 + R5 330 Dual</a>                            | 1028                                    | 690                       | NA                                    | NA                        |
| <a href="#">Radeon R7 + R5 340 Dual</a>                            | 1234                                    | 604                       | NA                                    | NA                        |
| <a href="#">Radeon R7 + R5 435 Dual A10-9700 RADEON</a>            | 885                                     | 778                       | NA                                    | NA                        |
| <a href="#">Radeon R7 + R5 Dual</a>                                | 897                                     | 774                       | NA                                    | NA                        |
| <a href="#">Radeon R7 + R7 200 Dual</a>                            | 1136                                    | 637                       | NA                                    | NA                        |
| <a href="#">Radeon R7 + R7 240 Dual</a>                            | 1045                                    | 681                       | NA                                    | NA                        |
| <a href="#">Radeon R7 + R7 250 Dual</a>                            | 1232                                    | 605                       | NA                                    | NA                        |
| <a href="#">Radeon R7 + R7 350 Dual</a>                            | 1982                                    | 434                       | NA                                    | NA                        |
| <a href="#">Radeon R7 +8G</a>                                      | 1190                                    | 622                       | NA                                    | NA                        |
| <a href="#">Radeon R7 240</a>                                      | 834                                     | 813                       | <a href="#">11.92</a>                 | <a href="#">\$69.99*</a>  |
| <a href="#">Radeon R7 240 + HD 8570D Dual</a>                      | 917                                     | 759                       | NA                                    | NA                        |
| <a href="#">Radeon R7 240 + HD 8670D Dual</a>                      | 930                                     | 750                       | NA                                    | NA                        |
| <a href="#">Radeon R7 250</a>                                      | 1190                                    | 621                       | <a href="#">19.85</a>                 | <a href="#">\$59.99*</a>  |
| <a href="#">Radeon R7 250X</a>                                     | 2268                                    | 386                       | <a href="#">8.70</a>                  | <a href="#">\$260.70*</a> |
| <a href="#">Radeon R7 260</a>                                      | 2891                                    | 322                       | <a href="#">32.13</a>                 | <a href="#">\$89.99*</a>  |
| <a href="#">Radeon R7 260X</a>                                     | 3087                                    | 306                       | <a href="#">23.34</a>                 | <a href="#">\$132.28*</a> |
| <a href="#">Radeon R7 340</a>                                      | 930                                     | 748                       | NA                                    | NA                        |
| <a href="#">Radeon R7 360</a>                                      | 3087                                    | 307                       | <a href="#">24.70</a>                 | <a href="#">\$125.00*</a> |
| <a href="#">Radeon R7 370</a>                                      | 4434                                    | 216                       | NA                                    | NA                        |
| <a href="#">Radeon R7 430</a>                                      | 1159                                    | 629                       | <a href="#">12.07</a>                 | <a href="#">\$96.04*</a>  |
| <a href="#">Radeon R7 450</a>                                      | 1967                                    | 437                       | <a href="#">37.48</a>                 | <a href="#">\$52.49*</a>  |
| <a href="#">Radeon R7 7850A10-7850K</a>                            | 551                                     | 1110                      | NA                                    | NA                        |
| <a href="#">Radeon R7 A10 Extreme Edition</a>                      | 816                                     | 833                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A10 PRO-7800B</a>                            | 756                                     | 882                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A10 PRO-7850B</a>                            | 958                                     | 727                       | NA                                    | NA                        |

| Videocard Name                             | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)            |
|--|---|---------------------------|---------------------------------------|---------------------------|
| <a href="#">Radeon R7 A10-7700K</a>        | 640                                     | 999                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A10-7800</a>         | 789                                     | 848                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A10-7850K</a>        | 944                                     | 742                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A10-7860K</a>        | 829                                     | 821                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A10-7870K</a>        | 964                                     | 723                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A10-7890K</a>        | 800                                     | 839                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A10-8750</a>         | 883                                     | 780                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A10-8850</a>         | 1114                                    | 649                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A10-9700 RADEON</a>  | 1043                                    | 683                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A10-9700E RADEON</a> | 1100                                    | 654                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A12-9700P RADEON</a> | 724                                     | 914                       | <a href="#">1.66</a>                  | <a href="#">\$435.92*</a> |
| <a href="#">Radeon R7 A12-9720P RADEON</a> | 771                                     | 864                       | <a href="#">2.11</a>                  | <a href="#">\$365.48*</a> |
| <a href="#">Radeon R7 A12-9730P RADEON</a> | 1047                                    | 680                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A12-9800 RADEON</a>  | 911                                     | 766                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A12-9800E RADEON</a> | 1105                                    | 653                       | <a href="#">7.94</a>                  | <a href="#">\$139.19*</a> |
| <a href="#">Radeon R7 A265</a>             | 954                                     | 729                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A360</a>             | 720                                     | 919                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A365</a>             | 781                                     | 852                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A370</a>             | 1281                                    | 589                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A8 PRO-7600B</a>     | 619                                     | 1031                      | NA                                    | NA                        |
| <a href="#">Radeon R7 A8-7500</a>          | 952                                     | 730                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A8-7500 4C+6G</a>    | 853                                     | 803                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A8-7600</a>          | 719                                     | 922                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A8-7650K</a>         | 549                                     | 1113                      | NA                                    | NA                        |
| <a href="#">Radeon R7 A8-7670K</a>         | 876                                     | 786                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A8-7680</a>          | 702                                     | 940                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A8-8650</a>          | 912                                     | 763                       | NA                                    | NA                        |
| <a href="#">Radeon R7 A8-9600 RADEON</a>   | 746                                     | 895                       | NA                                    | NA                        |
| <a href="#">Radeon R7 FX-8800P</a>         | 821                                     | 829                       | NA                                    | NA                        |
| <a href="#">Radeon R7 FX-9800P RADEON</a>  | 693                                     | 949                       | <a href="#">1.31</a>                  | <a href="#">\$530.00*</a> |
| <a href="#">Radeon R7 FX-9830P RADEON</a>  | 1281                                    | 587                       | NA                                    | NA                        |
| <a href="#">Radeon R7 G</a>                | 869                                     | 790                       | NA                                    | NA                        |
| <a href="#">Radeon R7 M260</a>             | 446                                     | 1227                      | <a href="#">0.56</a>                  | <a href="#">\$799.00*</a> |
| <a href="#">Radeon R7 M260DX</a>           | 810                                     | 836                       | NA                                    | NA                        |
| <a href="#">Radeon R7 M260X</a>            | 948                                     | 736                       | NA                                    | NA                        |
| <a href="#">Radeon R7 M265</a>             | 677                                     | 964                       | NA                                    | NA                        |
| <a href="#">Radeon R7 M265DX</a>           | 539                                     | 1131                      | NA                                    | NA                        |
| <a href="#">Radeon R7 M270</a>             | 755                                     | 885                       | NA                                    | NA                        |
| <a href="#">Radeon R7 M340</a>             | 643                                     | 997                       | NA                                    | NA                        |
| <a href="#">Radeon R7 M350</a>             | 1064                                    | 668                       | NA                                    | NA                        |
| <a href="#">Radeon R7 M360</a>             | 545                                     | 1120                      | NA                                    | NA                        |
| <a href="#">Radeon R7 M365X</a>            | 901                                     | 769                       | NA                                    | NA                        |
| <a href="#">Radeon R7 M370</a>             | 1417                                    | 556                       | NA                                    | NA                        |
| <a href="#">Radeon R7 M380</a>             | 1446                                    | 547                       | NA                                    | NA                        |
| <a href="#">Radeon R7 M440</a>             | 882                                     | 782                       | NA                                    | NA                        |
| <a href="#">Radeon R7 M445</a>             | 945                                     | 740                       | <a href="#">1.27</a>                  | <a href="#">\$744.00*</a> |
| <a href="#">Radeon R7 M460</a>             | 1004                                    | 700                       | NA                                    | NA                        |
| <a href="#">Radeon R7 M465</a>             | 1306                                    | 583                       | NA                                    | NA                        |
| <a href="#">Radeon R7 M465X</a>            | 1690                                    | 493                       | NA                                    | NA                        |
| <a href="#">Radeon R7 Opteron X3421</a>    | 1043                                    | 682                       | NA                                    | NA                        |
| <a href="#">Radeon R7 PRO A10-8750B</a>    | 712                                     | 928                       | NA                                    | NA                        |
| <a href="#">Radeon R7 PRO A10-8770</a>     | 959                                     | 725                       | NA                                    | NA                        |
| <a href="#">Radeon R7 PRO A10-8770E</a>    | 795                                     | 843                       | NA                                    | NA                        |
| <a href="#">Radeon R7 PRO A10-8850B</a>    | 945                                     | 741                       | NA                                    | NA                        |
| <a href="#">Radeon R7 PRO A10-9700</a>     | 824                                     | 825                       | NA                                    | NA                        |
| <a href="#">Radeon R7 PRO A10-9700B</a>    | 757                                     | 879                       | NA                                    | NA                        |
| <a href="#">Radeon R7 PRO A10-9700E</a>    | 761                                     | 876                       | <a href="#">1.44</a>                  | <a href="#">\$529.00*</a> |

| Videocard Name                              | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)            |
|---|---|---------------------------|---------------------------------------|---------------------------|
| <a href="#">Radeon R7 PRO A12-8800B</a>     | 719                                     | 923                       | NA                                    | NA                        |
| <a href="#">Radeon R7 PRO A12-8830B</a>     | 882                                     | 781                       | NA                                    | NA                        |
| <a href="#">Radeon R7 PRO A12-8870</a>      | 1375                                    | 561                       | NA                                    | NA                        |
| <a href="#">Radeon R7 PRO A12-8870E</a>     | 1127                                    | 642                       | NA                                    | NA                        |
| <a href="#">Radeon R7 PRO A12-9800</a>      | 1125                                    | 644                       | NA                                    | NA                        |
| <a href="#">Radeon R7 PRO A12-9800B</a>     | 858                                     | 796                       | NA                                    | NA                        |
| <a href="#">Radeon R7 PRO A12-9800E</a>     | 925                                     | 756                       | NA                                    | NA                        |
| <a href="#">Radeon R7 PRO A6-9500 2C+6G</a> | 781                                     | 851                       | NA                                    | NA                        |
| <a href="#">Radeon R7 PRO A8-8650B</a>      | 624                                     | 1023                      | NA                                    | NA                        |
| <a href="#">Radeon R7 PRO A8-8670E</a>      | 1309                                    | 581                       | NA                                    | NA                        |
| <a href="#">Radeon R7 PRO A8-9600</a>       | 1049                                    | 679                       | NA                                    | NA                        |
| <a href="#">Radeon R7E</a>                  | 690                                     | 953                       | NA                                    | NA                        |
| <a href="#">Radeon R8 M365DX</a>            | 740                                     | 903                       | NA                                    | NA                        |
| <a href="#">Radeon R8 M445DX</a>            | 793                                     | 845                       | NA                                    | NA                        |
| <a href="#">Radeon R8 M535DX</a>            | 747                                     | 892                       | NA                                    | NA                        |
| <a href="#">Radeon R9 255</a>               | 1251                                    | 595                       | <a href="#">3.64</a>                  | <a href="#">\$344.16*</a> |
| <a href="#">Radeon R9 260</a>               | 3018                                    | 312                       | NA                                    | NA                        |
| <a href="#">Radeon R9 270</a>               | 4212                                    | 229                       | NA                                    | NA                        |
| <a href="#">Radeon R9 270 / R7 370</a>      | 4259                                    | 226                       | <a href="#">25.90</a>                 | <a href="#">\$164.47*</a> |
| <a href="#">Radeon R9 270X</a>              | 4870                                    | 198                       | <a href="#">32.47</a>                 | <a href="#">\$149.99*</a> |
| <a href="#">Radeon R9 280</a>               | 5549                                    | 174                       | NA                                    | NA                        |
| <a href="#">Radeon R9 280X</a>              | 6232                                    | 155                       | NA                                    | NA                        |
| <a href="#">Radeon R9 285 / 380</a>         | 5549                                    | 173                       | <a href="#">12.33</a>                 | <a href="#">\$449.99*</a> |
| <a href="#">Radeon R9 290</a>               | 8336                                    | 111                       | NA                                    | NA                        |
| <a href="#">Radeon R9 290 / 390</a>         | 8150                                    | 116                       | <a href="#">45.45</a>                 | <a href="#">\$179.32*</a> |
| <a href="#">Radeon R9 290X</a>              | 8598                                    | 105                       | NA                                    | NA                        |
| <a href="#">Radeon R9 290X / 390X</a>       | 8389                                    | 110                       | <a href="#">38.12</a>                 | <a href="#">\$220.10*</a> |
| <a href="#">Radeon R9 295X2</a>             | 8533                                    | 106                       | <a href="#">17.10</a>                 | <a href="#">\$499.10*</a> |
| <a href="#">Radeon R9 350</a>               | 1963                                    | 438                       | <a href="#">18.91</a>                 | <a href="#">\$103.85*</a> |
| <a href="#">Radeon R9 360</a>               | 3031                                    | 310                       | <a href="#">5.84</a>                  | <a href="#">\$519.00*</a> |
| <a href="#">Radeon R9 370</a>               | 4722                                    | 204                       | NA                                    | NA                        |
| <a href="#">Radeon R9 380</a>               | 6185                                    | 156                       | <a href="#">68.74</a>                 | <a href="#">\$89.99*</a>  |
| <a href="#">Radeon R9 380X</a>              | 6174                                    | 157                       | <a href="#">13.88</a>                 | <a href="#">\$445.00*</a> |
| <a href="#">Radeon R9 390</a>               | 8850                                    | 101                       | NA                                    | NA                        |
| <a href="#">Radeon R9 390X</a>              | 9492                                    | 92                        | NA                                    | NA                        |
| <a href="#">Radeon R9 Fury</a>              | 9771                                    | 85                        | <a href="#">22.05</a>                 | <a href="#">\$443.10*</a> |
| <a href="#">Radeon R9 Fury + Fury X</a>     | 9741                                    | 86                        | <a href="#">26.04</a>                 | <a href="#">\$374.10*</a> |
| <a href="#">Radeon R9 Fury X</a>            | 9688                                    | 87                        | NA                                    | NA                        |
| <a href="#">Radeon R9 M265X</a>             | 900                                     | 771                       | NA                                    | NA                        |
| <a href="#">Radeon R9 M270X</a>             | 1444                                    | 549                       | NA                                    | NA                        |
| <a href="#">Radeon R9 M275</a>              | 1114                                    | 648                       | <a href="#">1.59</a>                  | <a href="#">\$699.99*</a> |
| <a href="#">Radeon R9 M275X / M375</a>      | 1574                                    | 519                       | NA                                    | NA                        |
| <a href="#">Radeon R9 M280X</a>             | 1147                                    | 632                       | NA                                    | NA                        |
| <a href="#">Radeon R9 M290X</a>             | 3207                                    | 294                       | NA                                    | NA                        |
| <a href="#">Radeon R9 M295X</a>             | 5150                                    | 188                       | NA                                    | NA                        |
| <a href="#">Radeon R9 M360</a>              | 1682                                    | 495                       | NA                                    | NA                        |
| <a href="#">Radeon R9 M365X</a>             | 1481                                    | 542                       | NA                                    | NA                        |
| <a href="#">Radeon R9 M370X</a>             | 1323                                    | 575                       | NA                                    | NA                        |
| <a href="#">Radeon R9 M375</a>              | 928                                     | 752                       | NA                                    | NA                        |
| <a href="#">Radeon R9 M375X</a>             | 1962                                    | 440                       | NA                                    | NA                        |
| <a href="#">Radeon R9 M380</a>              | 3188                                    | 295                       | NA                                    | NA                        |
| <a href="#">Radeon R9 M385X</a>             | 1759                                    | 485                       | NA                                    | NA                        |
| <a href="#">Radeon R9 M390X</a>             | 4356                                    | 220                       | NA                                    | NA                        |
| <a href="#">Radeon R9 M395</a>              | 4967                                    | 194                       | NA                                    | NA                        |
| <a href="#">Radeon R9 M395X</a>             | 4775                                    | 200                       | NA                                    | NA                        |
| <a href="#">Radeon R9 M470</a>              | 2435                                    | 363                       | NA                                    | NA                        |
| <a href="#">Radeon R9 M470X</a>             | 3400                                    | 281                       | NA                                    | NA                        |
| <a href="#">Radeon R9 M485X</a>             | 4842                                    | 199                       | NA                                    | NA                        |

| Videocard Name                                     | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)            |
|--|---|---------------------------|---------------------------------------|---------------------------|
| <a href="#">Radeon RX 460</a>                      | 4080                                    | 233                       | <a href="#">14.89</a>                 | <a href="#">\$274.10*</a> |
| <a href="#">Radeon RX 470</a>                      | 7934                                    | 120                       | <a href="#">79.36</a>                 | <a href="#">\$99.99*</a>  |
| <a href="#">Radeon RX 480</a>                      | 8531                                    | 107                       | <a href="#">43.03</a>                 | <a href="#">\$198.25*</a> |
| <a href="#">Radeon RX 540</a>                      | 1850                                    | 462                       | NA                                    | NA                        |
| <a href="#">Radeon RX 550</a>                      | 2820                                    | 329                       | <a href="#">23.51</a>                 | <a href="#">\$119.99</a>  |
| <a href="#">Radeon RX 5500</a>                     | 8493                                    | 108                       | NA                                    | NA                        |
| <a href="#">Radeon RX 5500 XT</a>                  | 8992                                    | 99                        | <a href="#">49.96</a>                 | <a href="#">\$179.99</a>  |
| <a href="#">Radeon RX 5500M</a>                    | 4069                                    | 234                       | NA                                    | NA                        |
| <a href="#">Radeon RX 550X</a>                     | 2041                                    | 417                       | NA                                    | NA                        |
| <a href="#">Radeon RX 560</a>                      | 3653                                    | 260                       | <a href="#">28.10</a>                 | <a href="#">\$129.99</a>  |
| <a href="#">Radeon RX 5600</a>                     | 10677                                   | 75                        | NA                                    | NA                        |
| <a href="#">Radeon RX 5600 XT</a>                  | 13507                                   | 45                        | <a href="#">50.03</a>                 | <a href="#">\$269.99</a>  |
| <a href="#">Radeon RX 5600M</a>                    | 6682                                    | 148                       | NA                                    | NA                        |
| <a href="#">Radeon RX 560X</a>                     | 3520                                    | 267                       | NA                                    | NA                        |
| <a href="#">Radeon RX 570</a>                      | 6967                                    | 139                       | <a href="#">46.45</a>                 | <a href="#">\$149.99</a>  |
| <a href="#">Radeon RX 5700</a>                     | 14488                                   | 36                        | <a href="#">46.74</a>                 | <a href="#">\$309.99</a>  |
| <a href="#">Radeon RX 5700 XT</a>                  | 16724                                   | 20                        | <a href="#">46.46</a>                 | <a href="#">\$359.99</a>  |
| <a href="#">Radeon RX 5700 XT 50th Anniversary</a> | 16577                                   | 22                        | NA                                    | NA                        |
| <a href="#">Radeon RX 570X</a>                     | 1923                                    | 451                       | NA                                    | NA                        |
| <a href="#">Radeon RX 580</a>                      | 8753                                    | 102                       | <a href="#">58.36</a>                 | <a href="#">\$149.99</a>  |
| <a href="#">Radeon RX 580 2048SP</a>               | 7787                                    | 124                       | NA                                    | NA                        |
| <a href="#">Radeon RX 580X</a>                     | 7798                                    | 123                       | NA                                    | NA                        |
| <a href="#">Radeon RX 590</a>                      | 9513                                    | 91                        | <a href="#">59.46</a>                 | <a href="#">\$159.99</a>  |
| <a href="#">Radeon RX 640</a>                      | 1364                                    | 565                       | NA                                    | NA                        |
| <a href="#">Radeon RX 6800</a>                     | 21359                                   | 6                         | <a href="#">36.89</a>                 | <a href="#">\$579.00*</a> |
| <a href="#">Radeon RX 6800 XT</a>                  | 24984                                   | 2                         | <a href="#">38.50</a>                 | <a href="#">\$649.00*</a> |
| <a href="#">Radeon RX Vega 10</a>                  | 1528                                    | 528                       | NA                                    | NA                        |
| <a href="#">Radeon RX Vega 11</a>                  | 2118                                    | 405                       | NA                                    | NA                        |
| <a href="#">Radeon RX Vega 11 PRD</a>              | 2401                                    | 367                       | NA                                    | NA                        |
| <a href="#">Radeon RX Vega 56</a>                  | 13383                                   | 46                        | <a href="#">25.74</a>                 | <a href="#">\$519.99*</a> |
| <a href="#">Radeon RX Vega 64</a>                  | 14542                                   | 35                        | <a href="#">37.29</a>                 | <a href="#">\$389.99*</a> |
| <a href="#">Radeon RX Vega 8</a>                   | 1586                                    | 513                       | NA                                    | NA                        |
| <a href="#">Radeon RX Vega M GH</a>                | 6775                                    | 143                       | NA                                    | NA                        |
| <a href="#">Radeon RX Vega M GL</a>                | 3449                                    | 278                       | NA                                    | NA                        |
| <a href="#">Radeon RX Vega11</a>                   | 1759                                    | 484                       | NA                                    | NA                        |
| <a href="#">Radeon Ryzen 3 4300U with</a>          | 1472                                    | 544                       | NA                                    | NA                        |
| <a href="#">Radeon Ryzen 3 PRO 4200GE with</a>     | 1783                                    | 481                       | NA                                    | NA                        |
| <a href="#">Radeon Ryzen 3 PRO 4350G with</a>      | 2292                                    | 381                       | NA                                    | NA                        |
| <a href="#">Radeon Ryzen 3 PRO 4350GE with</a>     | 2040                                    | 418                       | NA                                    | NA                        |
| <a href="#">Radeon Ryzen 3 PRO 4450U with</a>      | 1171                                    | 624                       | NA                                    | NA                        |
| <a href="#">Radeon Ryzen 5 4500U with</a>          | 1789                                    | 479                       | NA                                    | NA                        |
| <a href="#">Radeon Ryzen 5 4600H with</a>          | 2027                                    | 419                       | NA                                    | NA                        |
| <a href="#">Radeon Ryzen 5 4600U with</a>          | 2018                                    | 421                       | NA                                    | NA                        |
| <a href="#">Radeon Ryzen 5 PRO 4400G with</a>      | 2255                                    | 387                       | NA                                    | NA                        |
| <a href="#">Radeon Ryzen 5 PRO 4400GE with</a>     | 1441                                    | 550                       | NA                                    | NA                        |
| <a href="#">Radeon Ryzen 5 PRO 4650G with</a>      | 2452                                    | 360                       | NA                                    | NA                        |
| <a href="#">Radeon Ryzen 5 PRO 4650GE with</a>     | 2470                                    | 359                       | NA                                    | NA                        |
| <a href="#">Radeon Ryzen 5 PRO 4650U with</a>      | 1661                                    | 498                       | NA                                    | NA                        |
| <a href="#">Radeon Ryzen 7 4700G with</a>          | 2743                                    | 332                       | NA                                    | NA                        |
| <a href="#">Radeon Ryzen 7 4700GE with</a>         | 2496                                    | 358                       | NA                                    | NA                        |
| <a href="#">Radeon Ryzen 7 4700U with</a>          | 1984                                    | 433                       | NA                                    | NA                        |
| <a href="#">Radeon Ryzen 7 4800H with</a>          | 1930                                    | 449                       | NA                                    | NA                        |
| <a href="#">Radeon Ryzen 7 4800U with</a>          | 2238                                    | 391                       | NA                                    | NA                        |
| <a href="#">Radeon Ryzen 7 PRO 4750G with</a>      | 2901                                    | 320                       | NA                                    | NA                        |
| <a href="#">Radeon Ryzen 7 PRO 4750GE with</a>     | 2574                                    | 352                       | NA                                    | NA                        |
| <a href="#">Radeon Ryzen 7 PRO 4750U with</a>      | 1947                                    | 447                       | NA                                    | NA                        |
| <a href="#">Radeon Sky 500</a>                     | 4889                                    | 197                       | NA                                    | NA                        |
| <a href="#">Radeon TM R9 A360</a>                  | 2105                                    | 407                       | NA                                    | NA                        |

| Videocard Name                                  | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)              |
|---|---|---------------------------|---------------------------------------|-----------------------------|
| <a href="#">Radeon VE</a>                       | 2                                       | 2114                      | NA                                    | NA                          |
| <a href="#">Radeon Vega 10</a>                  | 1507                                    | 533                       | NA                                    | NA                          |
| <a href="#">Radeon Vega 10 Mobile</a>           | 1453                                    | 545                       | NA                                    | NA                          |
| <a href="#">Radeon Vega 11</a>                  | 1875                                    | 459                       | NA                                    | NA                          |
| <a href="#">Radeon Vega 2</a>                   | 516                                     | 1150                      | NA                                    | NA                          |
| <a href="#">Radeon Vega 3</a>                   | 925                                     | 755                       | <a href="#">1.93</a>                  | <a href="#">\$479.99*</a>   |
| <a href="#">Radeon Vega 3 Mobile</a>            | 1113                                    | 650                       | NA                                    | NA                          |
| <a href="#">Radeon Vega 6</a>                   | 1212                                    | 612                       | <a href="#">0.67</a>                  | <a href="#">\$1,799.99*</a> |
| <a href="#">Radeon Vega 8</a>                   | 1576                                    | 517                       | <a href="#">12.43</a>                 | <a href="#">\$126.86*</a>   |
| <a href="#">Radeon Vega 8 Mobile</a>            | 1480                                    | 543                       | NA                                    | NA                          |
| <a href="#">Radeon Vega 9</a>                   | 1660                                    | 499                       | NA                                    | NA                          |
| <a href="#">Radeon Vega Frontier Edition</a>    | 13732                                   | 43                        | <a href="#">15.43</a>                 | <a href="#">\$890.00*</a>   |
| <a href="#">Radeon VII</a>                      | 17016                                   | 17                        | <a href="#">8.96</a>                  | <a href="#">\$1,898.99*</a> |
| <a href="#">Radeon X1050</a>                    | 49                                      | 1810                      | NA                                    | NA                          |
| <a href="#">Radeon X1200</a>                    | 32                                      | 1882                      | NA                                    | NA                          |
| <a href="#">Radeon X1250</a>                    | 37                                      | 1857                      | NA                                    | NA                          |
| <a href="#">Radeon X1270</a>                    | 31                                      | 1887                      | NA                                    | NA                          |
| <a href="#">Radeon X1300</a>                    | 58                                      | 1781                      | <a href="#">3.44</a>                  | <a href="#">\$16.99*</a>    |
| <a href="#">Radeon X1300 PRO</a>                | 84                                      | 1689                      | NA                                    | NA                          |
| <a href="#">Radeon X1550</a>                    | 66                                      | 1756                      | <a href="#">0.59</a>                  | <a href="#">\$113.00*</a>   |
| <a href="#">Radeon X1550 64-bit</a>             | 47                                      | 1814                      | NA                                    | NA                          |
| <a href="#">Radeon X1600</a>                    | 49                                      | 1808                      | NA                                    | NA                          |
| <a href="#">Radeon X1600 Pro</a>                | 98                                      | 1644                      | NA                                    | NA                          |
| <a href="#">Radeon X1600 Pro / X1300XT</a>      | 69                                      | 1744                      | NA                                    | NA                          |
| <a href="#">Radeon X1600 XT</a>                 | 115                                     | 1588                      | NA                                    | NA                          |
| <a href="#">Radeon X1650 GTO</a>                | 74                                      | 1721                      | NA                                    | NA                          |
| <a href="#">Radeon X1650 Pro</a>                | 84                                      | 1686                      | <a href="#">0.53</a>                  | <a href="#">\$160.89*</a>   |
| <a href="#">Radeon X1650 SE</a>                 | 71                                      | 1736                      | NA                                    | NA                          |
| <a href="#">Radeon X1700 Targa Edition</a>      | 116                                     | 1586                      | NA                                    | NA                          |
| <a href="#">Radeon X1800 GTO</a>                | 140                                     | 1523                      | NA                                    | NA                          |
| <a href="#">Radeon X1900 CrossFire Edition</a>  | 137                                     | 1531                      | NA                                    | NA                          |
| <a href="#">Radeon X1900 GT</a>                 | 145                                     | 1516                      | NA                                    | NA                          |
| <a href="#">Radeon X1950 CrossFire Edition</a>  | 151                                     | 1507                      | NA                                    | NA                          |
| <a href="#">Radeon X1950 GT</a>                 | 106                                     | 1621                      | NA                                    | NA                          |
| <a href="#">Radeon X1950 Pro</a>                | 112                                     | 1597                      | NA                                    | NA                          |
| <a href="#">RADEON X300SE</a>                   | 38                                      | 1854                      | NA                                    | NA                          |
| <a href="#">RADEON X550</a>                     | 50                                      | 1802                      | NA                                    | NA                          |
| <a href="#">RADEON X550XT</a>                   | 56                                      | 1791                      | NA                                    | NA                          |
| <a href="#">Radeon X550XTX</a>                  | 70                                      | 1737                      | NA                                    | NA                          |
| <a href="#">RADEON X600 256MB HyperMemory</a>   | 56                                      | 1790                      | NA                                    | NA                          |
| <a href="#">RADEON X600XT</a>                   | 91                                      | 1671                      | NA                                    | NA                          |
| <a href="#">RADEON X700</a>                     | 72                                      | 1729                      | NA                                    | NA                          |
| <a href="#">RADEON X700 PRO</a>                 | 75                                      | 1718                      | NA                                    | NA                          |
| <a href="#">RADEON X700 SE</a>                  | 71                                      | 1734                      | NA                                    | NA                          |
| <a href="#">RADEON X800 GT</a>                  | 84                                      | 1690                      | NA                                    | NA                          |
| <a href="#">RADEON X800 GTO</a>                 | 76                                      | 1716                      | NA                                    | NA                          |
| <a href="#">RADEON X800 PRO</a>                 | 64                                      | 1760                      | NA                                    | NA                          |
| <a href="#">RADEON X800 PRO/GTO</a>             | 73                                      | 1726                      | NA                                    | NA                          |
| <a href="#">RADEON X800 SE</a>                  | 129                                     | 1548                      | NA                                    | NA                          |
| <a href="#">RADEON X800 XL</a>                  | 69                                      | 1743                      | NA                                    | NA                          |
| <a href="#">RADEON X800 XT</a>                  | 97                                      | 1653                      | NA                                    | NA                          |
| <a href="#">RADEON X800 XT Platinum Edition</a> | 81                                      | 1706                      | NA                                    | NA                          |
| <a href="#">RADEON X800GT</a>                   | 79                                      | 1712                      | NA                                    | NA                          |
| <a href="#">RADEON X850 PRO</a>                 | 72                                      | 1728                      | NA                                    | NA                          |
| <a href="#">RADEON X850 XT</a>                  | 81                                      | 1708                      | NA                                    | NA                          |
| <a href="#">RADEON X850 XT Platinum Edition</a> | 81                                      | 1698                      | NA                                    | NA                          |
| <a href="#">Radeon Xpress 1100</a>              | 34                                      | 1874                      | NA                                    | NA                          |

| Videocard Name  | Passmark G3D<br>Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD) |
|---|--|---------------------------|---------------------------------------|----------------|
| <a href="#">Radeon Xpress 1150</a>                      | 29   | 1892                      | NA                                    | NA             |
| <a href="#">Radeon Xpress 1200</a>                      | 35   | 1864                      | NA                                    | NA             |
| <a href="#">Radeon Xpress 1250</a>                      | 42   | 1831                      | NA                                    | NA             |
| <a href="#">Radeon Xpress 1270</a>                      | 26   | 1905                      | NA                                    | NA             |
| <a href="#">Radeon Xpress 1300</a>                      | 52   | 1796                      | NA                                    | NA             |
| <a href="#">Radeon Xpress 1300M</a>                     | 40   | 1840                      | NA                                    | NA             |
| <a href="#">RADEON XPRESS 200</a>                       | 29   | 1893                      | NA                                    | NA             |
| <a href="#">RADEON XPRESS 200 CROSSFIRE</a>             | 18   | 1940                      | NA                                    | NA             |
| <a href="#">RADEON XPRESS 200M</a>                      | 22   | 1924                      | NA                                    | NA             |
| <a href="#">Radeon. HD 7730M</a>                        | 928  | 753                       | NA                                    | NA             |
| <a href="#">RadeonT 540X</a>                            | 1816                                       | 472                       | NA                                    | NA             |
| <a href="#">RadeonT R5 430</a>                          | 1123                                       | 645                       | NA                                    | NA             |
| <a href="#">RadeonT R7 450</a>                          | 2184                                       | 398                       | NA                                    | NA             |
| <a href="#">RadeonT RX 5500M</a>                        | 3165                                       | 299                       | NA                                    | NA             |
| <a href="#">RadeonT RX 560X</a>                         | 1809                                       | 475                       | NA                                    | NA             |
| <a href="#">Rage 128 Pro</a>                            | 1  | 2122                      | NA                                    | NA             |
| <a href="#">RAGE 128 PRO AGP 4X TMD5</a>                | 1  | 2124                      | NA                                    | NA             |
| <a href="#">Rage Fury Pro/Xpert 2000 Pro</a>            | 3  | 2086                      | NA                                    | NA             |
| <a href="#">Red Hat QXL controller</a>                  | 31   | 1884                      | NA                                    | NA             |
| <a href="#">RGH Drivers v3</a>                          | 11   | 1960                      | NA                                    | NA             |
| <a href="#">RIVA TNT2 Model 64/Model 64 Pro</a>         | 3  | 2064                      | NA                                    | NA             |
| <a href="#">RIVA TNT2/TNT2 Pro</a>                      | 3  | 2076                      | NA                                    | NA             |
| <a href="#">RV530 PRO</a>                               | 118  | 1576                      | NA                                    | NA             |
| <a href="#">Ryzen 3 4300G with Radeon Graphics</a>      | 2182                                       | 399                       | NA                                    | NA             |
| <a href="#">Ryzen 3 4300U with Radeon Graphics</a>      | 1387                                       | 559                       | NA                                    | NA             |
| <a href="#">Ryzen 3 PRO 4300U with Radeon Graphics</a>  | 1542                                       | 525                       | NA                                    | NA             |
| <a href="#">Ryzen 3 Pro 4350G with Radeon Graphics</a>  | 2240                                       | 389                       | NA                                    | NA             |
| <a href="#">Ryzen 3 PRO 4350GE with Radeon Graphics</a> | 2323                                       | 377                       | NA                                    | NA             |
| <a href="#">Ryzen 3 PRO 4450U with Radeon Graphics</a>  | 1578                                       | 515                       | NA                                    | NA             |
| <a href="#">Ryzen 5 2500U with Radeon Vega</a>          | 1503                                       | 535                       | NA                                    | NA             |
| <a href="#">Ryzen 5 4500U with Radeon Graphics</a>      | 1841                                       | 465                       | NA                                    | NA             |
| <a href="#">Ryzen 5 4600G with Radeon Graphics</a>      | 2337                                       | 375                       | NA                                    | NA             |
| <a href="#">Ryzen 5 4600H with Radeon Graphics</a>      | 2231                                       | 392                       | NA                                    | NA             |
| <a href="#">Ryzen 5 4600U with Radeon Graphics</a>      | 1992                                       | 431                       | NA                                    | NA             |
| <a href="#">Ryzen 5 PRO 4500U with Radeon Graphics</a>  | 2007                                       | 423                       | NA                                    | NA             |
| <a href="#">Ryzen 5 Pro 4650G with Radeon Graphics</a>  | 2452                                       | 361                       | NA                                    | NA             |
| <a href="#">Ryzen 5 PRO 4650U with Radeon Graphics</a>  | 1779                                       | 482                       | NA                                    | NA             |
| <a href="#">Ryzen 7 2700U with Radeon Vega</a>          | 1617                                       | 509                       | NA                                    | NA             |
| <a href="#">Ryzen 7 4700U with Radeon Graphics</a>      | 2042                                       | 416                       | NA                                    | NA             |
| <a href="#">Ryzen 7 4800H with Radeon Graphics</a>      | 2370                                       | 371                       | NA                                    | NA             |
| <a href="#">Ryzen 7 4800U with Radeon Graphics</a>      | 2395                                       | 369                       | NA                                    | NA             |
| <a href="#">Ryzen 7 Extreme Edition</a>                 | 2331                                       | 376                       | NA                                    | NA             |
| <a href="#">Ryzen 7 Pro 4750G with Radeon Graphics</a>  | 2367                                       | 372                       | NA                                    | NA             |
| <a href="#">Ryzen 7 PRO 4750U with Radeon Graphics</a>  | 2076                                       | 411                       | NA                                    | NA             |
| <a href="#">S3 Chrome 430 ULP</a>                       | 39   | 1845                      | NA                                    | NA             |
| <a href="#">S3 Chrome S25 DDR2</a>                      | 18   | 1936                      | NA                                    | NA             |
| <a href="#">S3 Inc. Savage4</a>                         | 3  | 2084                      | NA                                    | NA             |
| <a href="#">S3 ProSavageDDR</a>                         | 1  | 2121                      | NA                                    | NA             |
| <a href="#">S3 SuperSavage/IXC 1014</a>                 | 1  | 2116                      | NA                                    | NA             |
| <a href="#">SAPPHIRE RADEON 9000 ATLANTIS PRO</a>       | 5  | 2020                      | NA                                    | NA             |
| <a href="#">SAPPHIRE RADEON 9600 ATLANTIS</a>           | 47   | 1816                      | NA                                    | NA             |
| <a href="#">SAPPHIRE Radeon X1550</a>                   | 61   | 1771                      | NA                                    | NA             |
| <a href="#">Sapphire RADEON X800 GT</a>                 | 112  | 1600                      | NA                                    | NA             |
| <a href="#">Seria Mobility Radeon HD 3400</a>           | 124  | 1561                      | NA                                    | NA             |
| <a href="#">Seria Radeon HD 7700</a>                    | 1603                                       | 511                       | NA                                    | NA             |
| <a href="#">SUMO 9640</a>                               | 650  | 990                       | NA                                    | NA             |
| <a href="#">SUMO 9644</a>                               | 465  | 1201                      | NA                                    | NA             |

| Videocard Name   | Passmark G3D Mark<br>(higher is better) | Rank<br>(lower is better) | Videocard Value<br>(higher is better) | Price<br>(USD)              |
|--|---|---------------------------|---------------------------------------|-----------------------------|
| <a href="#">SUMO 964A</a>                              | 497                                     | 1171                      | NA                                    | NA                          |
| <a href="#">TENSOR 1.0 Driver Intel HD 630</a>         | 1299                                    | 586                       | NA                                    | NA                          |
| <a href="#">Tesla C2050</a>                            | 3515                                    | 268                       | <a href="#">13.02</a>                 | <a href="#">\$269.99*</a>   |
| <a href="#">Tesla C2050 / C2070</a>                    | 3428                                    | 279                       | NA                                    | NA                          |
| <a href="#">Tesla C2070</a>                            | 3274                                    | 289                       | NA                                    | NA                          |
| <a href="#">Tesla C2075</a>                            | 3364                                    | 284                       | <a href="#">9.88</a>                  | <a href="#">\$340.50*</a>   |
| <a href="#">Tesla M10</a>                              | 3490                                    | 271                       | <a href="#">1.09</a>                  | <a href="#">\$3,202.21*</a> |
| <a href="#">Tesla M2070-Q</a>                          | 1305                                    | 584                       | NA                                    | NA                          |
| <a href="#">Tesla M6</a>                               | 7621                                    | 128                       | NA                                    | NA                          |
| <a href="#">Tesla M60</a>                              | 7328                                    | 134                       | <a href="#">5.25</a>                  | <a href="#">\$1,395.00*</a> |
| <a href="#">Tesla P100-PCIE-16GB</a>                   | 7225                                    | 135                       | NA                                    | NA                          |
| <a href="#">Tesla T10</a>                              | 13263                                   | 48                        | NA                                    | NA                          |
| <a href="#">TITAN RTX</a>                              | 19759                                   | 9                         | <a href="#">7.91</a>                  | <a href="#">\$2,499.00*</a> |
| <a href="#">TITAN V</a>                                | 19377                                   | 11                        | <a href="#">9.01</a>                  | <a href="#">\$2,149.99*</a> |
| <a href="#">TITAN V CEO Edition</a>                    | 16987                                   | 18                        | NA                                    | NA                          |
| <a href="#">TITAN Xp</a>                               | 16755                                   | 19                        | NA                                    | NA                          |
| <a href="#">TITAN Xp COLLECTORS EDITION</a>            | 16022                                   | 25                        | NA                                    | NA                          |
| <a href="#">TRINITY DEVASTATOR MOBILE</a>              | 699                                     | 944                       | NA                                    | NA                          |
| <a href="#">TRINITY SCRAPPER MOBILE</a>                | 498                                     | 1170                      | NA                                    | NA                          |
| <a href="#">V9560XT V62.11</a>                         | 6                                       | 1993                      | NA                                    | NA                          |
| <a href="#">Vanta/Vanta LT</a>                         | 3                                       | 2088                      | NA                                    | NA                          |
| <a href="#">VIA Chrome9 HC IGP</a>                     | 4                                       | 2050                      | NA                                    | NA                          |
| <a href="#">VIA Chrome9 HC IGP Family</a>              | 3                                       | 2062                      | NA                                    | NA                          |
| <a href="#">VIA Chrome9 HC IGP Family WDDM</a>         | 3                                       | 2074                      | NA                                    | NA                          |
| <a href="#">VIA Chrome9 HC IGP Prerelease WDDM 1.1</a> | 2                                       | 2112                      | NA                                    | NA                          |
| <a href="#">VIA Chrome9 HC IGP WDDM</a>                | 2                                       | 2095                      | NA                                    | NA                          |
| <a href="#">VIA Chrome9 HC IGP WDDM 1.1</a>            | 2                                       | 2096                      | NA                                    | NA                          |
| <a href="#">VIA Chrome9 HC3 IGP</a>                    | 2                                       | 2100                      | NA                                    | NA                          |
| <a href="#">VIA Chrome9 HCM IGP</a>                    | 1                                       | 2118                      | NA                                    | NA                          |
| <a href="#">VIA Chrome9 HD IGP</a>                     | 10                                      | 1963                      | NA                                    | NA                          |
| <a href="#">VIA/S3G C-645/640 GPU</a>                  | 163                                     | 1499                      | NA                                    | NA                          |
| <a href="#">VIA/S3G Chrome 645/640 GPU</a>             | 109                                     | 1613                      | NA                                    | NA                          |
| <a href="#">VIA/S3G DeltaChrome IGP</a>                | 3                                       | 2079                      | NA                                    | NA                          |
| <a href="#">VIA/S3G KM400/KN400</a>                    | 4                                       | 2056                      | NA                                    | NA                          |
| <a href="#">VIA/S3G UniChrome IGP</a>                  | 4                                       | 2051                      | NA                                    | NA                          |
| <a href="#">VIA/S3G UniChrome Pro IGP</a>              | 4                                       | 2034                      | NA                                    | NA                          |
| <a href="#">VIA/S3G UniChromell</a>                    | 5                                       | 2002                      | NA                                    | NA                          |
| <a href="#">VisionTek Radeon 4550</a>                  | 280                                     | 1373                      | NA                                    | NA                          |
| <a href="#">VisionTek Radeon 7000</a>                  | 1                                       | 2117                      | NA                                    | NA                          |
| <a href="#">WinFast A250 LE</a>                        | 4                                       | 2029                      | NA                                    | NA                          |
| <a href="#">WinFast GT 610</a>                         | 211                                     | 1440                      | NA                                    | NA                          |
| <a href="#">Xabre</a>                                  | 5                                       | 2021                      | NA                                    | NA                          |
| <a href="#">XFX Radeon HD 4650 AGP</a>                 | 109                                     | 1610                      | NA                                    | NA                          |
| <a href="#">XGI Volari Family v1.13.23.D_V</a>         | 4                                       | 2039                      | NA                                    | NA                          |
| <a href="#">ZX Chrome 645/640 GPU</a>                  | 147                                     | 1514                      | NA                                    | NA                          |

\* - Last price seen from our affiliates.

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