



# Videocard Benchmarks

## Over 600,000 Video Cards Benchmarked



How does your computer perform?  
 Add your card to our charts with PassMark V

### 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.

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- \* Help Desk Management
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Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX Titan	8227	1	8.07	\$1,019.99
GeForce GTX 780	7830	2	12.05	\$649.99
GeForce GTX 770	6219	3	15.55	\$399.99
GeForce GTX 680	5690	4	13.55	\$419.99
GeForce GTX 670	5367	5	15.33	\$349.99
Radeon HD 7990	5105	6	NA	NA
Radeon HD 7970	5088	7	13.39	\$379.99
GeForce GTX 690	5061	8	5.06	\$999.99
GeForce GTX 760	4965	9	19.86	\$249.99
GeForce GTX 580	4919	10	14.47	\$339.99*
GeForce GTX 660 Ti	4695	11	17.72	\$264.99
Radeon HD 7950	4624	12	17.13	\$269.99
FirePro W8000	4456	13	3.12	\$1,429.99
GeForce GTX 680MX	4394	14	NA	NA
GeForce GTX 570	4349	15	16.27	\$267.33*
GeForce GTX 480	4333	16	21.67	\$199.99*
Radeon HD 7870	4230	17	18.80	\$224.99
ightz Ultimate GeForce GTX 660	4174	18	NA	NA
GeForce GTX 660	4107	19	22.22	\$184.85
GeForce GTX 590	4095	20	5.46	\$749.99*
Quadro K5000	3930	21	2.25	\$1,750.00
FirePro W7000	3800	22	5.28	\$719.99
Radeon HD 7970M	3800	23	NA	NA
TITAN	3781	24	NA	NA
Radeon HD 7850	3698	25	21.75	\$169.99
GeForce GTX 680M	3585	26	NA	NA
GeForce GTX 780M	3578	27	NA	NA
Quadro 6000	3561	28	0.97	\$3,649.99
GeForce GTX 470	3541	29	18.64	\$189.99
GeForce GTX 650 Ti BOOST	3534	30	NA	NA
Radeon HD 6970	3526	31	9.79	\$359.99



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 560 Ti	3524	32	25.17	\$139.99
Tesla C2050	3478	33	NA	NA
Radeon HD 6990	3371	34	4.62	\$729.99*
Tesla C2075	3227	35	1.42	\$2,269.99*
Radeon HD 6950	3175	36	9.07	\$349.99*
Radeon HD 7790	3082	37	23.71	\$129.99
GeForce GTX 560	3076	38	18.64	\$164.99
FirePro W5000	3005	39	7.15	\$419.99
GeForce GTX 465	2883	40	10.95	\$263.28*
Quadro K5000M	2833	41	NA	NA
Quadro K4000	2780	42	3.61	\$769.99
GeForce GTX 650 Ti	2691	43	20.70	\$129.99
GeForce GTX 460	2674	44	18.70	\$143.03*
Radeon HD 5970	2642	45	8.01	\$329.99*
FirePro V7900	2615	46	4.43	\$589.99
Quadro 5000	2612	47	2.30	\$1,135.00
Radeon HD 5870	2591	48	12.96	\$199.99*
Radeon HD 6870	2564	49	9.71	\$264.00*
GeForce GT 645	2555	50	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 580M	2522	51	NA	NA
FirePro V8800	2502	52	2.18	\$1,149.99*
GeForce GTX 675MX	2481	53	NA	NA
GeForce GTX 460 v2	2479	54	12.40	\$199.99*
GeForce GTX 770M	2386	55	NA	NA
GeForce GTX 560 SE	2325	56	21.14	\$109.99
Radeon HD 5850	2278	57	18.44	\$123.53*
Quadro K4000M	2272	58	NA	NA
GeForce GTX 460 SE	2253	59	14.08	\$159.99*
GeForce GTX 675M	2243	60	NA	NA
Radeon HD 6850	2232	61	14.20	\$157.20
GeForce GTX 485M	2189	62	NA	NA
GeForce GTX 555	2172	63	NA	NA
Radeon HD 7770	2154	64	19.58	\$109.99
GeForce GTX 480M	2146	65	NA	NA
GeForce GTX 670MX	2068	66	NA	NA
Radeon HD 6700	2028	67	NA	NA
Radeon HD 5830	2027	68	12.67	\$159.99*
GeForce GTX 645	1993	69	NA	NA
GeForce GTX 570M	1942	70	NA	NA
GeForce GTX 470M	1938	71	NA	NA
Radeon HD 8650G	1932	72	NA	NA
GeForce GTX 550 Ti	1926	73	16.05	\$119.99
Quadro 4000	1912	74	2.66	\$719.99
GeForce GTX 670M	1903	75	NA	NA
Radeon HD 6900M	1900	76	NA	NA
GeForce GTX 650	1826	77	16.91	\$107.99
FirePro M6000 Mobility Pro	1815	78	NA	NA
FirePro W600	1764	79	3.60	\$489.99
GeForce GT 750M	1685	80	NA	NA
Radeon HD 5770	1678	81	16.78	\$99.99*
Radeon HD 6770	1675	82	18.35	\$91.29
Quadro K2000D	1672	83	4.05	\$413.25
Quadro K2000	1665	84	3.93	\$423.51
Radeon HD 7750	1625	85	17.67	\$91.99*
Quadro 4000M	1610	86	NA	NA
Quadro K3000M	1578	87	NA	NA
GeForce GTX 765M	1546	88	NA	NA
GeForce GTX 560M	1539	89	NA	NA

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Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTS 450	1531	90	18.45	\$82.99
FirePro V5900	1524	91	3.63	\$419.99
Radeon HD 4890	1502	92	13.66	\$109.99*
GeForce GTX 660M	1463	93	NA	NA
Radeon HD 7850M	1448	94	NA	NA
Radeon HD 7560D + 7670 Dual	1434	95	NA	NA
Radeon HD 5750	1388	96	20.00	\$69.41*
GeForcs GTX 560M	1379	97	NA	NA
Radeon HD 4870	1356	98	22.60	\$59.99*
FirePro M4000	1345	99	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 460M	1343	100	NA	NA
Radeon HD 7870M	1341	101	NA	NA
FirePro M40003	1327	102	NA	NA
Radeon HD 6750	1318	103	13.18	\$99.99*
FirePro V5800	1305	104	3.73	\$349.99
GeForce GT 640	1304	105	16.30	\$79.99
Quadro 2000	1290	106	3.23	\$399.99
GeForce GT 650M	1287	107	NA	NA
GeForce GT 545	1282	108	23.06	\$55.59*
FirePro V4900	1268	109	8.75	\$144.99
Quadro 2000D	1261	110	2.94	\$429.00
Quadro 3000M	1250	111	NA	NA
GeForce GTX 285	1248	112	6.93	\$179.99*
Radeon HD 4870 X2	1242	113	NA	NA
Radeon HD 7560D + 6670 Dual	1233	114	NA	NA
Mobility Radeon HD 5870	1217	115	NA	NA
GeForce GTX 280	1210	116	10.08	\$119.99*
GeForce GTX 275	1207	117	NA	NA
Radeon HD 7660D + 6670 Dual	1197	118	NA	NA
Radeon HD 4850 X2	1186	119	NA	NA
Radeon HD 7670	1173	120	NA	NA
GeForce GTX 260	1114	121	12.38	\$89.99*
Quadro K2000M	1108	122	NA	NA
Radeon HD 7660D + 6570 Dual	1100	123	NA	NA
Quadro 5010M	1099	124	NA	NA
FirePro V4800	1093	125	6.83	\$159.99*
Quadro 2000M	1071	126	NA	NA
Radeon HD 5670	1071	127	15.30	\$69.99*
GeForce GT 730M	1062	128	NA	NA
GeForce GT 645M	1061	129	NA	NA
Radeon HD 7520G + 7700M Dual	1060	130	NA	NA
Quadro FX 5800	1059	131	0.34	\$3,099.99*
GeForce GTX 295	1058	133	3.65	\$289.99*
Radeon HD 4770	1058	132	NA	NA
%_DEV.1251.02A2.1043%	1051	134	NA	NA
GeForce GT 445M	1049	135	NA	NA
GeForce GT 740M	1049	137	NA	NA
Radeon HD 7670A	1049	136	NA	NA
Radeon HD 6670	1048	138	14.97	\$69.99
Radeon HD 4850	1043	139	11.59	\$89.99*
Quadro 2000 D	1034	140	NA	NA
GeForce GT 640M	1030	141	NA	NA
Radeon HD 6800M	1029	142	NA	NA
Radeon HD 7660D + 7670 Dual	1024	143	NA	NA
Quadro FX 4800	1009	144	1.83	\$550.
Radeon HD 7690M	1008	145	NA	NA
Radeon HD 5600/5700	1001	146	NA	NA
FirePro V8700	999	147	1.14	\$879.99

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Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 4830	968	148	16.14	\$59.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7570	966	149	NA	NA
Radeon HD 6700M	965	150	NA	NA
GeForce GT 555M	942	151	NA	NA
GeForce 9800 GTX+	922	152	NA	NA
GeForce GTS 250	906	153	7.88	\$114.99*
GeForce 9800 GTX/9800 GTX+	905	154	10.06	\$89.99*
Radeon HD 8670D	902	155	NA	NA
Radeon HD 3870 X2	896	156	NA	NA
FirePro V3900	892	157	8.92	\$99.99
GeForce GT 640M LE	882	158	1.04	\$849.99*
GeForce GTS 240	860	159	13.23	\$64.99*
Radeon HD 7600M + 7600M Dual	850	160	NA	NA
GeForce GT 340	843	161	15.91	\$52.99*
Quadro FX 3800	843	162	4.04	\$208.53
Radeon HD 7670M	842	163	1.32	\$635.99
GeForce 8800 GTS 512	840	164	NA	NA
Quadro FX 3800M	840	165	NA	NA
NVS 5400M	833	166	NA	NA
Radeon HD 7660D	823	167	NA	NA
GeForce 8800 Ultra	814	168	NA	NA
Radeon HD 7660G	812	169	NA	NA
GeForce 9800 GX2	808	170	NA	NA
Mobility Radeon HD 5000	808	171	NA	NA
GeForce GT 440	805	172	12.02	\$66.99
GeForce GT 550M	800	173	NA	NA
Quadro K1000M	799	174	NA	NA
7900 MOD - Radeon HD 6520G	790	175	NA	NA
GeForce GT 140	788	176	NA	NA
Radeon HD 7650A	787	177	3.00	\$262.00*
GeForce GT 635M	770	178	NA	NA
Radeon HD 7660G + 7610M Dual	769	179	NA	NA
GeForce 8800 GTX	768	180	NA	NA
Quadro K600	767	181	5.88	\$130.50
Radeon HD 7660G + 7600M Dual	766	182	NA	NA
GeForce 8800 GT	761	183	NA	NA
GeForce GTS 360M	760	184	NA	NA
GeForce GT 630M	756	185	NA	NA
GeForce 9600 GT	754	187	18.85	\$39.99*
Radeon HD 3850 X2	754	186	NA	NA
Radeon HD 3870	753	188	NA	NA
Radeon HD 7660G + 7670M Dual	752	189	NA	NA
Radeon HD 6570	747	190	11.71	\$63.77
Quadro 1000M	742	191	NA	NA
Radeon HD 7640G + 7600M Dual	737	192	NA	NA
GeForce GT 530	735	193	12.97	\$56.69*
GeForce GTX 285M	733	194	NA	NA
Quadro FX 2800M	732	195	NA	NA
Mobility Radeon HD 4870	727	196	NA	NA
Radeon HD 7650M	724	197	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
NVS 510	721	198	2.11	\$340.99
GeForce GT 630	719	200	11.99	\$59.99
Mobility Radeon HD 5850	719	199	NA	NA
GeForce 9800 GT	718	201	29.90	\$24.01
Radeon HD 6550A	712	202	NA	NA

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Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 2900 XT	711	203	NA	NA
Radeon HD 5570	709	204	4.22	\$167.99*
Radeon HD 7670M + 7670M Dual	707	205	NA	NA
Quadro FX 5600	705	206	0.88	\$799.00*
GeForce GT 540M	704	207	NA	NA
Radeon 6600M	699	208	NA	NA
Radeon HD 7640G + 6400M Dual	696	209	NA	NA
Radeon HD 7550M/7650M	691	210	NA	NA
Quadro 600	684	211	4.56	\$149.99
Radeon HD 7560D	682	212	NA	NA
SUMO 9640	680	213	NA	NA
FirePro M7740	675	214	NA	NA
GeForce 9800 S	672	215	NA	NA
Radeon HD 6550D	670	216	NA	NA
Radeon HD 7560D + 6570 Dual	666	217	NA	NA
Quadro FX 3700M	664	218	NA	NA
Radeon HD 7640G + 7670M Dual	662	219	NA	NA
GeForce 9800M GTS	655	220	NA	NA
GeForce GT 240	654	221	17.22	\$37.99*
Quadro FX 3700	650	222	3.33	\$195.00
Mobility Radeon HD 5730	647	223	NA	NA
GeForce GT 430	645	224	14.34	\$44.99
GeForce GT 525M	638	225	NA	NA
GeForce GT 435M	637	226	NA	NA
FirePro M2000	635	227	NA	NA
Radeon HD 7640G	627	228	NA	NA
Radeon HD 7570M	622	229	NA	NA
Radeon HD 7610M	620	230	NA	NA
Radeon HD 2900 PRO	617	231	NA	NA
Quadro FX 4600	616	232	NA	NA
GeForce GT 425M	613	233	NA	NA
GeForce GT 620M	612	234	NA	NA
GeForce GTX 280M	611	235	NA	NA
Intel HD 5000	604	236	NA	NA
NVS 5200M	603	237	NA	NA
GeForce 8800 GTS	602	238	NA	NA
Radeon HD 7640G + 7470M Dual	600	239	NA	NA
Intel HD 4600	598	240	NA	NA
Quadro FX 1800	596	241	2.14	\$279.00*
GeForce GT 625M	595	242	NA	NA
Mobility Radeon HD 4850	593	243	NA	NA
GeForce GTX 260M	592	245	NA	NA
Radeon HD 7520G + 7600M Dual	592	244	NA	NA
GeForce 710M	589	246	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTS 250M	586	247	NA	NA
GeForce GTS 350M	578	248	NA	NA
Radeon HD 6610M	573	249	NA	NA
Radeon HD 7520G + 7670M Dual	571	250	NA	NA
Radeon HD 6620G	570	251	NA	NA
GeForce GT 420M	569	252	NA	NA
GeForce 8800 GS	558	253	NA	NA
FirePro V7750	555	254	NA	NA
FirePro V5700	552	255	1.73	\$319.99
Radeon HD 7640G + 7400M Dual	552	256	NA	NA
GeForce 615	549	258	NA	NA
GeForce 9800M GS	549	257	NA	NA
GeForce GT 320	547	259	16.73	\$32.69
Radeon HD 3850	542	260	NA	NA

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Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 4670	538	261	4.76	\$112.99*
Radeon HD 6530D	537	262	NA	NA
Mobility Radeon HD série 5000	536	263	NA	NA
GeForce GT 330	534	264	11.73	\$45.54*
Radeon HD série 4600	530	265	NA	NA
Radeon HD 7660G + 7470M Dual	525	266	NA	NA
Quadro FX 2700M	524	267	NA	NA
Radeon HD 7540D	521	268	NA	NA
Radeon HD 7500G + 7550M Dual	512	269	NA	NA
GeForce 8800M GTX	509	270	NA	NA
Mobility Radeon HD 5650	507	271	NA	NA
Radeon HD 7620G	505	272	NA	NA
GeForce 9600 GSO	504	273	10.08	\$49.99*
GeForce 9600 GSO 512	501	274	NA	NA
SUMO 964A	497	275	NA	NA
Mobility Radeon HD 3870 X2	494	276	NA	NA
GeForce GT 335M	489	277	NA	NA
Radeon HD 5550	487	278	8.86	\$54.99*
Radeon HD 6520G	485	279	NA	NA
Mobility Radeon HD 4670	484	280	NA	NA
Radeon HD 7600G	480	281	NA	NA
Quadro 410	479	282	4.79	\$99.99
GeForce 9700M GTS	476	284	NA	NA
GeForce GT 230	476	283	10.82	\$43.99*
Quadro FX 1800M	476	285	NA	NA
Intel HD P4000	472	286	NA	NA
Quadro FX 3600M	471	287	NA	NA
Intel HD 4000	465	289	NA	NA
Radeon HD 7520G	465	288	NA	NA
GeForce GT 130	464	290	16.58	\$27.99*
GeForce GT 520MX	463	291	NA	NA
FireGL V7600	462	293	NA	NA
Radeon HD 7480D	462	292	NA	NA
Radeon HD 8470D	461	294	NA	NA
FirePro V3800	457	296	9.14	\$49.99
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 3850 AGP	457	295	NA	NA
GeForce 8800M GTS	455	297	NA	NA
GeForce 610	452	298	NA	NA
Radeon HD 7420G	451	299	NA	NA
Radeon HD 7500G	442	300	NA	NA
GeForce GT 620	435	301	9.67	\$44.99
GeForce GT 420	434	302	10.85	\$39.99*
Mobile Intel HD	431	303	NA	NA
GeForce 9600 GS	420	304	NA	NA
Radeon HD 6480G	418	305	NA	NA
FirePro V3750	414	306	3.21	\$128.99*
GeForce 610M	413	307	NA	NA
RADEON HD6410D	409	308	NA	NA
Radeon HD 6410D	402	309	NA	NA
GeForce GT 520M	393	310	6.55	\$59.99*
Radeon HD 7600G + 7450M Dual	392	311	NA	NA
Mobility Radeon HD 4650	383	312	NA	NA
Quadro FX 880M	380	313	NA	NA
GeForce GT 330M	369	314	NA	NA
Radeon HD 7470	368	315	NA	NA
Mobility Radeon HD 3850	365	316	NA	NA
GeForce GT 220	361	317	4.51	\$79.99
GeForce 410M	360	320	NA	NA

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Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 520	360	318	7.83	\$45.99
NVS 5100M	360	319	NA	NA
GeForce GT 240M	358	321	NA	NA
Quadro FX 1700M	350	322	NA	NA
Radeon HD 4650	347	323	7.71	\$44.99*
FireGL V5600	346	326	NA	NA
FireGL V8650	346	324	1.05	\$329.99*
GeForce 9700M GT	346	325	NA	NA
NVS 4200M	345	327	NA	NA
GeForce GT 610	344	328	11.51	\$29.89
GeForce GT 230M	343	329	NA	NA
Mobility Radeon HD 560v	337	330	NA	NA
RADEON E4690	333	331	NA	NA
GeForce GT 415M	329	332	NA	NA
GeForce 9800M GTX	326	333	NA	NA
Radeon HD 7400G	320	334	NA	NA
Radeon HD 7450	319	335	3.19	\$99.99
Radeon HD 2900 GT	318	336	NA	NA
GeForce 605	316	339	NA	NA
GeForce GT 325M	316	337	NA	NA
Radeon HD 6470M	316	338	0.55	\$569.99*
Quadro FX 770M	314	340	NA	NA
GeForce GT 120	311	341	9.02	\$34.49*
GeForce 8600 GTS	310	342	NA	NA
Radeon HD 6380G	309	343	0.77	\$399.99*
Intel HD P3000	308	344	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 7900 GTX	307	346	NA	NA
GeForce GT 130M	307	347	NA	NA
Intel HD 3000	307	345	0.32	\$945.00*
GeForce 510	305	348	4.36	\$69.99*
Radeon HD 2600 XT	304	349	NA	NA
Intel HD Family	301	350	NA	NA
GeForce 9500 GS	300	351	NA	NA
Quadro FX 580	299	352	1.66	\$179.99*
Mobility Radeon HD 5165	296	353	NA	NA
GeForce 9800M GT	294	354	NA	NA
GeForce GT 120M	293	355	NA	NA
Radeon HD 6450	293	356	8.14	\$35.99
Radeon HD 7350	292	357	NA	NA
GeForce 9500 GT	290	358	3.37	\$85.99*
Mobility Radeon HD 565v	290	359	NA	NA
GeForce 320M	284	360	NA	NA
NVS 310	283	361	NA	NA
GeForce 9600M GT	281	362	NA	NA
Radeon HD 6450A	280	363	NA	NA
GeForce 9650M GT	275	365	NA	NA
GeForce GT 220M	275	364	NA	NA
GeForce 9600M GS	269	366	NA	NA
GeForce Go 7950 GTX	269	367	NA	NA
Radeon HD 6370D	268	368	NA	NA
Quadro FX 5500	267	369	0.68	\$390.00*
Radeon HD 3670	267	370	NA	NA
GeForce 315	265	371	8.03	\$32.99*
Mobility Radeon HD 550v	264	372	NA	NA
Quadro 400	260	373	2.48	\$104.99
GeForce 7950 GT	259	374	2.25	\$114.99
GeForce 8600 GT	258	375	NA	NA
Quadro FX 380M	256	376	NA	NA

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Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 4550	247	377	1.83	\$134.99*
Quadro FX 2500M	244	378	NA	NA
GeForce 7800 GTX	243	379	NA	NA
GeForce 7900 GT/GTO	239	380	NA	NA
FirePro 2270	237	381	2.26	\$104.99
Radeon HD 6300M	236	382	NA	NA
Radeon HD 5450	233	383	8.13	\$28.66
GeForce 405	231	384	9.38	\$24.64*
Mobility Radeon HD 5470	229	385	NA	NA
Quadro FX 3500	227	386	2.37	\$95.95*
GeForce 7900 GS	224	387	NA	NA
GeForce Go 7800 GTX	224	389	NA	NA
Quadro NVS 320M	224	388	NA	NA
Radeon HD 2600 PRO	223	390	NA	NA
Radeon HD 7340M	223	391	NA	NA
GeForce 310M	221	392	NA	NA
GeForce 315M	219	394	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 320M	219	393	NA	NA
Mobility Radeon HD 3650	216	395	NA	NA
Quadro FX 4500	215	396	0.66	\$324.99*
GeForce 310	214	397	1.98	\$108.35*
NVS 3100M	213	398	NA	NA
Quadro FX 1700	211	399	0.46	\$459.99*
GeForce G210M	208	400	NA	NA
Mobility Radeon HD 545v	208	401	NA	NA
Radeon HD 6320 Graphic	207	402	NA	NA
GeForce 8700M GT	206	403	NA	NA
Radeon HD 7340	206	404	0.37	\$552.69*
Quadro FX 1600M	205	405	NA	NA
RADEON HD 6350	205	406	2.05	\$100.00
GeForce 7800 GT	203	407	3.03	\$66.99*
Mobility Radeon HD 540v	203	408	NA	NA
Quadro FX 1500M	203	409	NA	NA
Mobility Radeon HD 5450	202	411	NA	NA
Radeon HD 6320	202	410	0.36	\$554.99*
GeForce 9500M GS	201	413	NA	NA
NVS 2100M	201	412	NA	NA
Mobility Radeon HD 5430	200	414	NA	NA
GeForce 9400 GT	199	415	2.84	\$69.99
Mobility Radeon HD 3670	198	416	NA	NA
Mobility Radeon HD 4570	193	418	NA	NA
Quadro FX 570M	193	417	NA	NA
NVS 300	192	419	1.60	\$119.99
GeForce G105M	191	420	NA	NA
FireGL V3600	189	422	1.17	\$160.99*
Radeon HD 6320M	189	421	NA	NA
Mobility Radeon HD 2600 XT	188	423	NA	NA
GeForce 7600 GT	187	425	2.20	\$84.95*
GeForce 9400	187	424	NA	NA
Radeon HD 7340G	187	426	NA	NA
GeForce 210	185	427	7.13	\$25.95
GeForce 8600M GT	184	428	NA	NA
Radeon HD 6430M	183	429	NA	NA
Radeon HD 2600 Pro AGP	182	430	NA	NA
FirePro V3700	181	433	2.13	\$84.99
GeForce G210	181	432	2.87	\$63.10
Mobility Radeon HD 4550	181	431	NA	NA
Radeon HD 4350	179	434	4.16	\$42.99*

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Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 7950 GX2	176	435	1.17	\$150.00*
GeForce 7800 GS	174	436	NA	NA
Mobility Radeon HD 530v	173	437	NA	NA
GeForce Go 7900 GS	171	438	NA	NA
Radeon HD 4330	167	439	NA	NA
GeForce 9500M G	166	441	NA	NA
Quadro FX 540	166	442	2.77	\$59.99*
Radeon HD 7310M	166	440	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6310	165	443	NA	NA
Radeon HD 7310	165	444	NA	NA
Mobility Radeon HD 2600	164	445	NA	NA
GeForce Go 7700	163	447	NA	NA
Quadro FX 1500	163	446	NA	NA
Quadro FX 380	156	448	1.25	\$124.99*
Radeon HD 3470	155	449	NA	NA
Radeon X1900 GT	153	450	NA	NA
Radeon HD 3650 AGP	151	451	NA	NA
GeForce 8600 GS	150	452	NA	NA
GeForce 8600GS	150	453	6.00	\$24.99*
Radeon HD 4290	147	454	NA	NA
GeForce 6800 GT	146	455	NA	NA
Radeon X1800 GTO	144	456	NA	NA
GeForce 8500 GT	143	457	NA	NA
GeForce 6800 GS	141	458	NA	NA
Radeon HD 2400	137	460	NA	NA
Radeon HD 6290M	137	459	NA	NA
Radeon HD 7290	137	461	NA	NA
Radeon HD 3300	136	462	NA	NA
Radeon X1900 CrossFire Edition	136	463	NA	NA
GeForce 6800 Ultra	135	464	NA	NA
GeForce Go 7600	135	466	NA	NA
Radeon HD 6290	135	465	NA	NA
Radeon HD 2400 Pro	134	467	NA	NA
GeForce 7600 GS	133	468	2.96	\$44.99*
GeForce G200	132	469	NA	NA
MOBILITY RADEON X1800	131	472	NA	NA
Quadro FX 3450/4000 SDI	131	470	NA	NA
Radeon HD 4250	131	471	NA	NA
GeForce 8600M GS	130	473	NA	NA
Intel HD BR-1004-01Y1	130	474	NA	NA
FireGL V5200	129	475	NA	NA
Quadro FX 560	128	476	2.56	\$49.99*
Quadro FX 570	128	477	NA	NA
Radeon HD 3450	127	478	2.12	\$59.99*
GeForce 7650 GS	126	479	NA	NA
GeForce 9300 / nForce 730i	124	480	NA	NA
GeForce 9400M G	122	481	NA	NA
GeForce 9400M	119	482	NA	NA
Radeon HD 2400 XT	118	483	NA	NA
Radeon HD 4200	117	485	NA	NA
Radeon HD 6250	117	484	NA	NA
GeForce G 105M	116	486	NA	NA
Radeon X1600 XT	116	487	NA	NA
GeForce 6800 GS/XT	115	489	NA	NA
GeForce 8400 GS	115	488	3.83	\$29.99*
Radeon HD 4270	114	490	NA	NA
Intel Media Accelerator HD	113	491	NA	NA

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Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon X1950 GT	113	492	NA	NA
FireGL V7350	112	494	0.07	\$1,523.99*
RADEON X800 XT	112	493	NA	NA
FireGL V3400	111	496	NA	NA
GeForce 7300 GT	111	495	0.74	\$149.99*
GeForce 6800	110	498	NA	NA
GeForce Go 6800	110	497	NA	NA
GeForce 6600 GT	109	499	1.68	\$64.95*
Radeon 3000	107	500	NA	NA
GeForce G 103M	106	504	NA	NA
Quadro FX 370	106	503	NA	NA
Quadro NVS 295	106	501	0.82	\$129.99*
VIA/S3G Chrome 645/640 GPU	106	502	NA	NA
GeForce 9300 GE	105	506	4.57	\$22.99*
GeForce G205M	105	507	NA	NA
Mobility Radeon 4100	105	505	NA	NA
Quadro NVS 290	105	508	NA	NA
GeForce G100	104	513	5.20	\$19.99*
Quadro FX 1400	104	510	NA	NA
Quadro FX 3400/4400	104	512	NA	NA
Radeon X1950 Pro	104	509	NA	NA
RS880	104	511	NA	NA
FirePro 2260	103	514	NA	NA
GeForce 6700 XL	103	516	NA	NA
GeForce 9500M	103	515	NA	NA
FireGL V7200	102	518	NA	NA
M880G with Mobility Radeon HD 4250	102	519	NA	NA
Mobility Radeon HD 4350	102	520	NA	NA
Quadro FX 370M	102	517	NA	NA
Radeon X1600 Pro	102	521	NA	NA
GeForce 8400	101	524	1.87	\$53.99*
Quadro FX Go1400	101	522	NA	NA
Quadro NVS 160M	101	523	NA	NA
GeForce 9300M GS	100	525	NA	NA
GeForce G102M	100	526	NA	NA
128MB DDR Radeon 9800 Pro	99	527	NA	NA
GeForce 8300	99	531	NA	NA
GeForce 8400M GT	99	529	NA	NA
ION	99	530	0.50	\$199.00*
Mobility Radeon HD 4250	99	528	NA	NA
Mobility Radeon HD 3470	98	533	NA	NA
Quadro NVS 450	98	532	0.22	\$439.99*
M880G with Mobility Radeon HD 4200	96	534	NA	NA
Mobility Radeon HD 2400	96	536	NA	NA
RADEON X800GT	96	535	NA	NA
GeForce 6800 XT	95	537	NA	NA
Quadro NVS 420	95	538	0.29	\$329.00*
Radeon X1300PRO	94	540	NA	NA
Sapphire RADEON X1600 PRO	94	539	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9300 GS	93	541	1.55	\$59.95*
Quadro NVS 150M	93	542	NA	NA
Mobility Radeon HD 2400 XT	92	544	NA	NA
Mobility Radeon HD 3430	92	543	NA	NA
Mobility Radeon HD 4200	92	545	NA	NA
Mobility Radeon X1600	92	546	NA	NA

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Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro NVS 140M	91	547	NA	NA
GeForce 9200M GE	90	548	NA	NA
Mobility Radeon HD 3450	90	549	NA	NA
GeForce 9200M GS	89	550	NA	NA
Mobility Radeon X1700	89	551	NA	NA
GeForce 9200	88	552	NA	NA
RADEON X800 GT	87	553	NA	NA
GeForce 8100 / nForce 720a	85	555	NA	NA
GeForce 9300M G	85	554	NA	NA
GeForce 8400M GS	84	556	5.60	\$14.99*
ION LE	84	557	NA	NA
FireGL V5100	83	558	NA	NA
Radeon HD 3200	82	559	NA	NA
GeForce 8200	81	561	NA	NA
GeForce 9100	81	560	NA	NA
Quadro FX 360M	79	562	NA	NA
FireGL V3300	78	565	NA	NA
GeForce 9100M G	78	563	NA	NA
M880G with Mobility Radeon HD 4225	78	566	NA	NA
RADEON 9700 PRO	78	564	NA	NA
Radeon 3100	75	567	NA	NA
RADEON X700 SE	74	568	NA	NA
MOBILITY RADEON X700	73	569	NA	NA
Mobility Radeon HD 4225	72	570	NA	NA
Radeon X1550	72	571	0.64	\$113.00*
RADEON X700 PRO	72	573	NA	NA
RADEON X850 XT Platinum Edition	72	572	NA	NA
GeForce Go 6600	71	574	NA	NA
Radeon X550XTX	70	575	NA	NA
GeForce 7500 LE	69	577	NA	NA
RADEON X800 PRO/GTO	69	576	NA	NA
ALL-IN-WONDER X800 GT	68	579	NA	NA
GeForce 8300 GS	68	578	NA	NA
Intel G45/G43 Express Chipset	68	580	NA	NA
Radeon X1300	67	581	NA	NA
Quadro FX 550	66	582	NA	NA
Intel Q45/Q43 Express-Chipsatz	65	583	NA	NA
RADEON X850 XT	65	584	NA	NA
GeForce 6600	64	586	NA	NA
Intel Q45/Q43 Express Chipset	64	587	NA	NA
RADEON 9800 PRO	64	588	NA	NA
SAPPHIRE Radeon X1550	64	585	NA	NA
Mobility Radeon HD 3410	63	589	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
MOBILITY FireGL V3200	62	590	NA	NA
GeForce 7350 LE	61	592	NA	NA
RADEON X800 GTO	61	591	NA	NA
RADEON X800 XL	61	593	NA	NA
GeForce 7300 GS	60	596	NA	NA
Intel G41 Express Chipset	60	595	NA	NA
Quadro NVS 130M	60	594	NA	NA
GeForce 8400M G	58	597	NA	NA
GeForce Go 7400	58	598	NA	NA
GeForce 6600 LE	57	601	NA	NA
GeForce 8200M G	57	600	NA	NA
Quadro NVS 135M	57	599	NA	NA
Radeon 2100	57	602	NA	NA
GeForce 7300 LE	56	603	1.60	\$34.99
RADEON X600 256MB HyperMemory	56	604	NA	NA

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Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce FX Go5700	55	606	NA	NA
GeForce Go 6600 TE/6200 TE	55	605	NA	NA
Radeon X1050	52	607	NA	NA
GeForce 7050 / nForce 620i	51	608	NA	NA
Quadro FX 350M	51	609	NA	NA
FireGL V3100	50	610	NA	NA
GeForce FX 5700	50	611	NA	NA
GeForce Go 7300	48	613	NA	NA
MOBILITY FireGL V5200	48	612	NA	NA
128MB RADEON X600 SE	47	614	NA	NA
Mobile Intel serie 4 Express	47	615	NA	NA
MOBILITY RADEON X600	47	616	NA	NA
GeForce 6200	46	617	1.07	\$42.99
Mobility Radeon HD 2300	46	619	NA	NA
Mobility Radeon X2300	46	618	NA	NA
Quadro NVS 110M	46	620	NA	NA
RADEON 9500 PRO / 9700	46	621	NA	NA
GeForce 6500	45	622	NA	NA
MOBILITY FIRE GL T2	45	623	NA	NA
128 DDR Radeon 9700 TX w/TV-Out	44	626	NA	NA
FireMV 2250	44	625	0.42	\$105.99*
GeForce Go 7200	44	628	NA	NA
Mobility Radeon X1350	44	624	NA	NA
Mobility Radeon X1400	44	627	NA	NA
Radeon X1550 64-bit	44	629	NA	NA
GeForce 7300 SE/7200 GS	42	630	NA	NA
GeForce 7100 GS	41	632	NA	NA
GeForce Go 6200 TE 64M / 6600 TE 128M	41	631	NA	NA
Quadro FX 1100	41	634	NA	NA
Radeon Xpress 1250	41	633	NA	NA
Mobile Intel 4 Express-Chipsatzfamilie	40	636	NA	NA
Mobile Intel 45 Express	40	639	NA	NA
Mobility Radeon X1300	40	635	NA	NA
Quadro NVS 120M	40	638	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro NVS 440	40	637	NA	NA
GeForce 6200 TurboCache	39	640	NA	NA
GeForce 7300 SE	39	641	NA	NA
GeForce FX 5900XT	37	642	NA	NA
GeForce 7150 / nForce 630i	35	644	NA	NA
Radeon X1200	35	646	NA	NA
Radeon X1250	35	645	NA	NA
SAPPHIRE RADEON X300SE	35	643	NA	NA
Quadro NVS 285	34	648	0.34	\$100.00*
Radeon Xpress 1200	34	647	NA	NA
GeForce FX 5900 Ultra	33	650	NA	NA
MOBILITY RADEON X300	33	651	NA	NA
Quadro FX 1000	33	649	NA	NA
RADEON XPRESS 200	32	652	NA	NA
GeForce 6200SE TurboCache	30	657	NA	NA
GeForce 7100 / nForce 630i	30	656	NA	NA
GeForce FX 5900	30	653	NA	NA
MOBILITY RADEON 9600/9700	30	654	NA	NA
RADEON 9600 PRO Family	30	655	NA	NA
GeForce 6200 LE	29	660	NA	NA
GeForce Go 6400	29	659	NA	NA
RADEON 9550	29	663	0.58	\$49.99
Radeon X1270	29	661	NA	NA
Radeon Xpress 1100	29	662	NA	NA

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Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Xpress 1150	29	658	NA	NA
GeForce 7050 / nForce 610i	28	665	NA	NA
GeForce 7050 / nForce 630i	28	669	NA	NA
MOBILITY FireGL V5250	28	664	NA	NA
MOBILITY RADEON 9700	28	666	NA	NA
RADEON 9600 Family	28	667	NA	NA
RADEON X300 SE 128MB HyperMemory	28	668	NA	NA
GeForce FX 5700 Ultra	27	670	NA	NA
GeForce FX 5700LE	26	671	NA	NA
GeForce 6150SE	24	674	NA	NA
GeForce 7025 / nForce 630a	24	673	NA	NA
Quadro NVS 210S	24	672	NA	NA
GeForce 6100 nForce 430	23	675	NA	NA
MOBILITY RADEON XPRESS 200	23	676	NA	NA
GeForce 6100 nForce 405	22	679	NA	NA
GeForce 6150SE nForce 430	22	680	NA	NA
GeForce 7050 PV / nForce 630a	22	678	NA	NA
Intel G35 Express	22	677	NA	NA
GeForce 6100	21	685	NA	NA
GeForce 6150	21	683	NA	NA
GeForce 6150 LE	21	684	NA	NA
Mobile Intel 965 Express Yonga Kumesi Ailesi	21	681	NA	NA
RADEON XPRESS 200M	21	682	NA	NA
GeForce Go 6100	19	686	NA	NA
GeForce Go 6150	19	687	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobile Intel 965 Express	18	688	NA	NA
RADEON 9600 TX Family	18	689	NA	NA
GeForce Go 6200	17	690	NA	NA
GeForce 7150M / nForce 630M	16	691	NA	NA
GeForce FX Go5650	16	693	NA	NA
Intel G965 Express	16	692	NA	NA
GeForce 7000M / nForce 610M	14	695	NA	NA
Radeon HD 2400 PCI	14	694	NA	NA
GeForce FX 5600	13	696	NA	NA
Intel Q33 Express	12	698	NA	NA
VIA Chrome9 HD IGP	12	697	NA	NA
Intel Q35 Express	11	699	NA	NA
GeForce FX Go5200	9	701	NA	NA
Intel G33/G31 Express	9	700	NA	NA
GeForce FX 5600XT	8	702	NA	NA
GeForce FX 5200	7	705	0.21	\$32.99
GeForce FX 5500	7	703	0.18	\$38.99
GeForce4 MX Integrated GPU	7	704	NA	NA
GeForce4 440 Go 64M	6	707	NA	NA
Intel 82915G Express	6	709	NA	NA
Intel 82945G Express	6	706	NA	NA
Intel 946GZ Express	6	710	NA	NA
Intel Q965/Q963 Express	6	711	NA	NA
Quadro NVS	6	708	0.20	\$29.97
ALL-IN-WONDER RADEON 8500DV	5	715	NA	NA
FireMV 2400	5	717	NA	NA
GeForce FX Go5200 32M/64M	5	719	NA	NA
GeForce2 Ti	5	712	NA	NA
GeForce4 448 Go	5	721	NA	NA
GeForce4 MX 420	5	718	NA	NA
GeForce4 MX 460	5	713	NA	NA
GeForce4 Ti 4600	5	714	0.09	\$53.99
Intel 82865G Controller	5	716	NA	NA

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Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobile Intel 945GM Express	5	720	NA	NA
GeForce2 Integrated GPU	4	741	NA	NA
GeForce3 Ti 200	4	737	NA	NA
GeForce4 420 Go	4	730	NA	NA
GeForce4 MX 4000	4	738	NA	NA
GeForce4 MX 440	4	726	NA	NA
GeForce4 MX 440 with AGP8X	4	734	NA	NA
GeForce4 MX 440-SE	4	723	NA	NA
GeForce4 Ti 4200	4	724	NA	NA
GeForce4 Ti 4200 with AGP8X	4	731	NA	NA
Mobile Intel 915GM/GMS,910GML Express	4	742	NA	NA
Mobile Intel 945 Express	4	740	NA	NA
MOBILITY RADEON 7000 IGP	4	736	NA	NA
MOBILITY RADEON 7500	4	732	NA	NA
MOBILITY RADEON 9000/9100 IGP	4	733	NA	NA
RADEON 7000 / RADEON VE Family	4	725	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON IGP 345M	4	727	NA	NA
SiS 760	4	735	NA	NA
SiS M661MX	4	722	NA	NA
SiS M760GX	4	744	NA	NA
SiS Mirage	4	728	NA	NA
VIA Chrome9 HC IGP Family	4	729	NA	NA
VIA/S3G UniChrome IGP	4	743	NA	NA
VIA/S3G UniChrome Pro IGP	4	739	NA	NA
GeForce2 GTS/GeForce2 Pro	3	754	NA	NA
GeForce2 MX 100/200	3	750	NA	NA
GeForce2 MX/MX 400	3	768	NA	NA
GIGABYTE RADEON 9250	3	748	NA	NA
Intel 82845G/GL/GE/PE/GV Controller	3	745	NA	NA
Intel 82915G/GV/910GL Express	3	758	NA	NA
Intel 865 Embedded Controller	3	767	NA	NA
Intel Media Accelerator 3150	3	751	NA	NA
Intel Media Accelerator 500	3	757	NA	NA
Mobile Intel 945GM/GU Express	3	764	NA	NA
MOBILITY RADEON 9000	3	762	NA	NA
MOBILITY RADEON 9200	3	763	NA	NA
RADEON 9000 Family	3	752	NA	NA
RADEON 9200 LE Family	3	746	NA	NA
RADEON 9200 PRO Family	3	756	NA	NA
RADEON 9200 SE	3	755	NA	NA
Radeon IGP 320M	3	765	NA	NA
SiS 650_651_M650_M652_740	3	749	NA	NA
SiS 661FX	3	747	NA	NA
VIA Chrome9 HC IGP	3	761	NA	NA
VIA Chrome9 HC IGP WDDM	3	753	NA	NA
VIA Chrome9 HC IGP WDDM 1.1	3	766	NA	NA
VIA/S3G DeltaChrome IGP	3	760	NA	NA
VIA/S3G KM400/KN400	3	759	NA	NA
Mobile Intel 915GM/GMS/910GML Express	2	769	NA	NA
Mobile Intel 945GM Express Chipset Controller 0	2	774	NA	NA
RADEON 9200 SE Family	2	770	NA	NA
RADEON 9250	2	773	0.05	\$42.99*
SiS Mirage 3	2	771	NA	NA
VIA Chrome9 HC IGP Family WDDM	2	772	NA	NA
GeCube RADEON 9250	1	775	NA	NA
Quadro NVS 280 SD	1	776	NA	NA
RIVA TNT2 Model 64/Model 64 Pro	1	777	NA	NA

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