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CPU Benchmarks

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CPU List

Below is an alphabetical list of all CPU types that appear in the charts. Clicking on a specific processor name will take you to the chart it appears in and will highlight it for you. Results for **Single CPU Systems** and **Multiple CPU Systems** are listed separately.

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Single CPU Systems

Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2646	NA	NA
AMD A4 Micro-6400T APU	1544	1840	NA	NA
AMD A4 PRO-3340B	2402	1450	NA	NA
AMD A4 PRO-7300B APU	2372	1460	NA	NA
AMD A4 PRO-7350B	2794	1313	NA	NA
AMD A4-1200 APU	635	2327	NA	NA
AMD A4-1250 APU	618	2334	NA	NA
AMD A4-3300 APU	1504	1862	115.83	\$12.99
AMD A4-3300M APU	1185	2026	39.52	\$29.99*
AMD A4-3305M APU	1221	2008	39.64	\$30.81
AMD A4-3310MX APU	1281	1973	NA	NA
AMD A4-3320M APU	1253	1990	36.88	\$34.00
AMD A4-3330MX APU	1213	2011	NA	NA
AMD A4-3400 APU	1595	1823	155.09	\$10.29
AMD A4-3420 APU	1672	1775	NA	NA
AMD A4-4000 APU	1826	1700	30.32	\$60.23
AMD A4-4020 APU	1924	1645	23.30	\$82.61
AMD A4-4300M APU	1606	1812	40.31	\$39.86
AMD A4-4355M APU	1175	2030	NA	NA
AMD A4-5000 APU	1909	1654	NA	NA
AMD A4-5050 APU	2113	1566	NA	NA
AMD A4-5100 APU	2037	1595	NA	NA
AMD A4-5150M APU	1844	1688	NA	NA
AMD A4-5300 APU	2008	1609	34.45	\$58.32*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5300B APU	2130	1556	56.06	\$38.00*
AMD A4-6210 APU	2158	1545	NA	NA
AMD A4-6250J APU	2556	1393	NA	NA
AMD A4-6300 APU	2224	1522	65.43	\$33.99
AMD A4-6300B APU	2129	1557	21.30	\$100.00*
AMD A4-6320 APU	2329	1471	33.29	\$69.99
AMD A4-7210 APU	2512	1412	NA	NA
AMD A4-7300 APU	2293	1489	27.71	\$82.78
AMD A4-9120	1932	1642	NA	NA
AMD A4-9125	2119	1563	NA	NA
AMD A6 Micro-6500T APU	1834	1695	NA	NA
AMD A6 PRO-7050B APU	1616	1809	NA	NA
AMD A6 PRO-7400B	2690	1349	NA	NA
AMD A6-1450 APU	1530	1845	NA	NA
AMD A6-3400M APU	1884	1672	62.88	\$29.97*
AMD A6-3410MX APU	2054	1590	514.93	\$3.99
AMD A6-3420M APU	2002	1610	NA	NA
AMD A6-3430MX APU	2204	1530	NA	NA
AMD A6-3500 APU	2012	1607	23.93	\$84.09
AMD A6-3600 APU	2703	1344	117.61	\$22.99*
AMD A6-3620 APU	2799	1312	46.66	\$59.99*
AMD A6-3650 APU	3153	1197	98.59	\$31.99
AMD A6-3670 APU	3171	1184	34.45	\$92.05
AMD A6-4400M APU	1635	1798	41.03	\$39.86*
AMD A6-4455M APU	1283	1971	NA	NA
AMD A6-5200 APU	2424	1440	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5345M APU	1476	1873	NA	NA
AMD A6-5350M APU	1916	1650	31.96	\$59.95
AMD A6-5357M APU	1941	1637	NA	NA
AMD A6-5400B APU	2212	1525	21.06	\$105.04*
AMD A6-5400K APU	2151	1547	16.55	\$129.95
AMD A6-6310 APU	2450	1432	NA	NA
AMD A6-6400B APU	2281	1498	NA	NA
AMD A6-6400K APU	2303	1486	32.91	\$69.99
AMD A6-6420B APU	2612	1371	NA	NA
AMD A6-6420K APU	2361	1468	15.75	\$149.99*
AMD A6-7000	1671	1778	NA	NA
AMD A6-7310 APU	2662	1358	NA	NA
AMD A6-7400K APU	2778	1319	54.23	\$51.24
AMD A6-7470K	2727	1339	11.22	\$243.00
AMD A6-8500P	2202	1533	NA	NA
AMD A6-8550	3104	1208	NA	NA
AMD A6-9200	1718	1744	NA	NA
AMD A6-9210	1791	1711	NA	NA
AMD A6-9220	2174	1540	NA	NA
AMD A6-9220e	1600	1819	NA	NA
AMD A6-9225	1981	1619	NA	NA
AMD A6-9230	2102	1571	NA	NA
AMD A6-9500	3003	1241	53.90	\$55.73

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-9500E	2889	1287	36.02	\$80.22
AMD A8 PRO-7150B APU	2665	1356	NA	NA
AMD A8 PRO-7600B APU	4801	823	NA	NA
AMD A8-3500M APU	1972	1622	28.20	\$69.95*
AMD A8-3510MX APU	2370	1464	NA	NA
AMD A8-3520M APU	2178	1538	NA	NA
AMD A8-3530MX APU	2371	1462	NA	NA
AMD A8-3550MX APU	2610	1372	NA	NA
AMD A8-3800 APU	3023	1233	53.06	\$56.99
AMD A8-3820 APU	3114	1206	24.92	\$124.99*
AMD A8-3850 APU	3467	1104	32.81	\$105.68*
AMD A8-3870K APU	3542	1085	70.87	\$49.99
AMD A8-4500M APU	2666	1355	NA	NA
AMD A8-4555M APU	2122	1561	NA	NA
AMD A8-5500 APU	3993	974	70.68	\$56.50
AMD A8-5500B APU	3975	981	NA	NA
AMD A8-5545M APU	2585	1382	NA	NA
AMD A8-5550M APU	3003	1242	NA	NA
AMD A8-5557M APU	2963	1255	NA	NA
AMD A8-5600K APU	4344	910	18.95	\$229.30
AMD A8-6410 APU	2570	1388	NA	NA
AMD A8-6500 APU	4388	901	46.20	\$94.99
AMD A8-6500B APU	4610	858	NA	NA
AMD A8-6500T APU	3221	1169	NA	NA
AMD A8-6600K APU	4585	864	47.28	\$96.99
AMD A8-7050	1986	1617	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7100 APU	2805	1310	NA	NA
AMD A8-7200P	3319	1141	NA	NA
AMD A8-7410 APU	2735	1337	NA	NA
AMD A8-7600 APU	5073	766	63.43	\$79.99
AMD A8-7650K	4931	802	41.10	\$119.99
AMD A8-7670K	5083	764	31.55	\$161.10*
AMD A8-7680	5314	735	95.10	\$55.88
AMD A8-8600P	3248	1162	NA	NA
AMD A8-8650	5470	705	NA	NA
AMD A8-9600	4998	788	69.71	\$71.70
AMD A9-9400	2309	1480	NA	NA
AMD A9-9410	2555	1394	NA	NA
AMD A9-9420	2320	1475	NA	NA
AMD A9-9420e	1908	1655	NA	NA
AMD A9-9425	2642	1362	NA	NA
AMD A9-9430	2543	1398	NA	NA
AMD A10 Micro-6700T APU	1970	1624	NA	NA
AMD A10 PRO-7350B APU	3194	1179	NA	NA
AMD A10 PRO-7800B APU	5108	757	NA	NA
AMD A10 PRO-7850B APU	5382	721	NA	NA
AMD A10-4600M APU	3111	1207	NA	NA
AMD A10-4655M APU	2597	1376	NA	NA
AMD A10-4657M APU	2906	1274	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-5700 APU	4210	937	65.28	\$64.50
AMD A10-5745M APU	2762	1326	NA	NA
AMD A10-5750M APU	3346	1136	NA	NA
AMD A10-5757M APU	3084	1215	NA	NA
AMD A10-5800B APU	4669	842	NA	NA
AMD A10-5800K APU	4638	847	15.41	\$301.11*
AMD A10-6700 APU	4600	861	39.33	\$116.99
AMD A10-6700T APU	3693	1048	25.02	\$147.61*
AMD A10-6790K APU	4709	836	49.58	\$94.99
AMD A10-6800B APU	4991	789	NA	NA
AMD A10-6800K APU	4864	812	16.96	\$286.85*
AMD A10-7300 APU	2908	1273	NA	NA
AMD A10-7400P	3607	1066	NA	NA
AMD A10-7700K APU	5129	754	49.61	\$103.39
AMD A10-7800 APU	4984	790	48.21	\$103.39
AMD A10-7850K APU	5476	702	42.13	\$129.99
AMD A10-7860K	5069	769	28.97	\$175.00*
AMD A10-7870K	5472	704	21.89	\$249.99
AMD A10-7890K	5715	674	28.58	\$199.99
AMD A10-8700P	3443	1108	NA	NA
AMD A10-8750	5072	767	NA	NA
AMD A10-8850	5598	690	NA	NA
AMD A10-9600P	3796	1020	NA	NA
AMD A10-9620P	3693	1049	NA	NA
AMD A10-9630P	4497	880	NA	NA
AMD A10-9700	5448	710	60.82	\$89.59
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9700E	4728	833	29.15	\$162.24
AMD A12-9700P	3729	1038	NA	NA
AMD A12-9720P	3982	977	NA	NA
AMD A12-9730P	4420	895	NA	NA
AMD A12-9800	5517	700	42.44	\$129.99
AMD A12-9800E	5104	759	36.20	\$141.00
AMD Athlon64 X2 Dual Core 4600+	1108	2067	NA	NA
AMD Athlon 4	279	2666	2.80	\$99.99
AMD Athlon 64 2000+	116	2800	NA	NA
AMD Athlon 64 2200+	575	2358	NA	NA
AMD Athlon 64 2600+	374	2541	NA	NA
AMD Athlon 64 2800+	438	2470	4.38	\$99.99*
AMD Athlon 64 3000+	463	2439	11.59	\$39.99
AMD Athlon 64 3200+	492	2407	3.28	\$149.95*
AMD Athlon 64 3300+	576	2357	NA	NA
AMD Athlon 64 3400+	545	2370	NA	NA
AMD Athlon 64 3500+	539	2376	4.96	\$108.95*
AMD Athlon 64 3600+	601	2344	NA	NA
AMD Athlon 64 3700+	599	2345	8.69	\$69.00*
AMD Athlon 64 3800+	589	2348	3.27	\$179.95*
AMD Athlon 64 4000+	608	2338	11.90	\$51.14
AMD Athlon 64 FX-25	794	2252	NA	NA
AMD Athlon 64 FX-34	380	2532	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-51	437	2471	NA	NA
AMD Athlon 64 FX-53	646	2319	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2284	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2278	NA	NA
AMD Athlon 64 FX-59	715	2287	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1972	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1831	NA	NA
AMD Athlon 64 FX-72	1794	1710	NA	NA
AMD Athlon 64 FX-74	1495	1868	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2166	NA	NA
AMD Athlon 64 X2 4200+	1285	1968	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2138	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	969	2155	16.16	\$60.00
AMD Athlon 64 X2 Dual Core 3800+	1001	2131	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1040	2108	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1097	2075	8.44	\$129.95
AMD Athlon 64 X2 Dual Core 4400+	1146	2051	95.66	\$11.99
AMD Athlon 64 X2 Dual Core 4600+	1222	2007	3.40	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1253	1991	80.92	\$15.49
AMD Athlon 64 X2 Dual Core 5000+	1313	1949	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1382	1913	26.04	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1446	1885	27.29	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1484	1871	9.90	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1846	61.17	\$24.99
AMD Athlon 64 X2 Dual Core 6000+	1604	1817	49.37	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1789	1714	6.89	\$259.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core BE-230	1095	2077	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2088	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2106	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2231	4.41	\$190.22
AMD Athlon 64 X2 Dual Core TK-55	839	2232	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2154	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2211	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	815	2243	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2212	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	928	2186	NA	NA
AMD Athlon 64 X2 QL-60	918	2195	NA	NA
AMD Athlon 64 X2 QL-62	1011	2125	NA	NA
AMD Athlon 64 X2 QL-64	989	2143	NA	NA
AMD Athlon 64 X2 QL-65	1051	2103	NA	NA
AMD Athlon 64 X2 QL-66	947	2172	NA	NA
AMD Athlon 64 X2 QL-67	1006	2128	NA	NA
AMD Athlon 64 X2 TK-55	955	2167	NA	NA
AMD Athlon 64 X2 TK-57	988	2145	NA	NA
AMD Athlon 200GE	4971	791	82.88	\$59.99
AMD Athlon 1500+	294	2639	NA	NA
AMD Athlon 1640B	667	2310	13.34	\$50.00*
AMD Athlon 2000+	390	2528	NA	NA
AMD Athlon 2100+	412	2491	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 2200+	363	2558	4.55	\$79.99*
AMD Athlon 2400+	462	2441	NA	NA
AMD Athlon 2500+	374	2539	2.04	\$183.99*
AMD Athlon 2600+	444	2460	4.23	\$104.95*
AMD Athlon 2650e	409	2495	21.56	\$19.00*
AMD Athlon 2800+	447	2457	3.20	\$139.95*
AMD Athlon 2850e	504	2402	NA	NA
AMD Athlon 3100+	485	2420	NA	NA
AMD Athlon 3200+	458	2445	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	1962	76.13	\$16.98
AMD Athlon 5150 APU	2103	1570	13.15	\$159.95
AMD Athlon 5200 Dual-Core	1248	1994	17.44	\$71.59
AMD Athlon 5350 APU	2605	1373	7.70	\$338.46*
AMD Athlon 5370 APU	2900	1282	45.53	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1884	NA	NA
AMD Athlon 7550 Dual-Core	1458	1880	24.30	\$60.00*
AMD Athlon 7750 Dual-Core	1572	1832	16.55	\$95.00
AMD Athlon 7850 Dual-Core	1711	1750	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2649	NA	NA
AMD Athlon Dual Core 4050e	1086	2083	NA	NA
AMD Athlon Dual Core 4450B	1162	2042	37.49	\$31.00*
AMD Athlon Dual Core 4450e	1102	2073	NA	NA
AMD Athlon Dual Core 4850B	1391	1910	NA	NA
AMD Athlon Dual Core 4850e	1310	1951	33.61	\$39.00*
AMD Athlon Dual Core 5000B	1300	1955	13.69	\$95.00*
AMD Athlon Dual Core 5050e	1347	1934	22.45	\$60.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 5200B	1319	1945	NA	NA
AMD Athlon Dual Core 5400B	1411	1901	NA	NA
AMD Athlon Dual Core 5600B	1304	1954	NA	NA
AMD Athlon II 160u	560	2365	18.68	\$29.99*
AMD Athlon II 170u	624	2331	20.86	\$29.95*
AMD Athlon II Dual-Core M300	1114	2061	NA	NA
AMD Athlon II Dual-Core M320	1139	2055	37.99	\$30.00*
AMD Athlon II Dual-Core M340	1056	2101	NA	NA
AMD Athlon II N330 Dual-Core	1154	2046	NA	NA
AMD Athlon II N350 Dual-Core	1247	1996	NA	NA
AMD Athlon II N370 Dual-Core	1559	1836	NA	NA
AMD Athlon II Neo K125	472	2431	NA	NA
AMD Athlon II Neo K145	525	2384	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2259	29.83	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2223	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2254	NA	NA
AMD Athlon II P320 Dual-Core	1216	2009	40.62	\$29.95*
AMD Athlon II P340 Dual-Core	1250	1993	27.81	\$44.95*
AMD Athlon II P360 Dual-Core	1319	1946	54.96	\$24.00*
AMD Athlon II X2 210e	1486	1870	NA	NA
AMD Athlon II X2 215	1575	1830	131.37	\$11.99*
AMD Athlon II X2 220	1632	1800	81.65	\$19.99
AMD Athlon II X2 225	1526	1847	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 235e	1657	1789	9.11	\$181.88*
AMD Athlon II X2 240	1643	1794	102.79	\$15.99
AMD Athlon II X2 240e	1698	1762	48.60	\$34.95*
AMD Athlon II X2 245	1657	1788	47.42	\$34.95*
AMD Athlon II X2 245e	1706	1756	21.33	\$80.00*
AMD Athlon II X2 250	1742	1732	9.17	\$189.95*
AMD Athlon II X2 250e	1939	1638	25.28	\$76.73*
AMD Athlon II X2 250u	1000	2132	28.64	\$34.95*
AMD Athlon II X2 255	1843	1690	28.26	\$65.22*
AMD Athlon II X2 260	1873	1674	93.70	\$19.99
AMD Athlon II X2 260u	1107	2069	13.28	\$83.44*
AMD Athlon II X2 265	1890	1667	22.81	\$82.88*
AMD Athlon II X2 270	1980	1620	82.56	\$23.99
AMD Athlon II X2 270u	1350	1932	19.96	\$67.67*
AMD Athlon II X2 280	2128	1558	21.28	\$99.99*
AMD Athlon II X2 4300e	1350	1931	NA	NA
AMD Athlon II X2 4400e	1616	1808	NA	NA
AMD Athlon II X2 4450e	1504	1863	NA	NA
AMD Athlon II X2 B22	1709	1755	37.17	\$45.99
AMD Athlon II X2 B24	1771	1719	44.34	\$39.95*
AMD Athlon II X2 B26	1897	1663	54.28	\$34.95*
AMD Athlon II X2 B28	2085	1578	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1608	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1600	25.32	\$79.99*
AMD Athlon II X3 415e	2247	1513	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1494	19.68	\$116.15*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 425	2316	1477	28.31	\$81.82
AMD Athlon II X3 425e	2239	1518	NA	NA
AMD Athlon II X3 435	2475	1425	35.36	\$69.99
AMD Athlon II X3 440	2570	1389	95.22	\$26.99
AMD Athlon II X3 445	2572	1387	28.27	\$91.00*
AMD Athlon II X3 450	2622	1367	65.58	\$39.99
AMD Athlon II X3 455	2769	1322	30.46	\$90.91
AMD Athlon II X3 460	2863	1292	73.44	\$38.99
AMD Athlon II X4 553	3814	1014	NA	NA
AMD Athlon II X4 555	3830	1011	NA	NA
AMD Athlon II X4 559	4142	949	NA	NA
AMD Athlon II X4 600e	2453	1430	18.84	\$130.23*
AMD Athlon II X4 605e	2750	1332	27.01	\$101.80*
AMD Athlon II X4 610e	2789	1315	39.86	\$69.99*
AMD Athlon II X4 615e	2901	1281	49.17	\$59.00*
AMD Athlon II X4 620	2936	1264	41.96	\$69.99
AMD Athlon II X4 620e	2906	1275	NA	NA
AMD Athlon II X4 630	3134	1200	72.91	\$42.99
AMD Athlon II X4 631 Quad-Core	3153	1198	39.42	\$80.00*
AMD Athlon II X4 635	3242	1164	46.36	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1177	120.73	\$26.49
AMD Athlon II X4 640	3313	1143	13.81	\$239.95
AMD Athlon II X4 641 Quad-Core	3346	1135	36.57	\$91.50*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 645	3474	1101	34.75	\$99.99
AMD Athlon II X4 650	3485	1098	20.92	\$166.60*
AMD Athlon II X4 651 Quad-Core	3575	1076	20.08	\$178.04*
AMD Athlon II X4 655	2998	1244	NA	NA
AMD Athlon II X4 6400e	2594	1377	NA	NA
AMD Athlon L110	306	2616	NA	NA
AMD Athlon LE-1600	567	2363	27.04	\$21.00*
AMD Athlon LE-1620	572	2360	31.80	\$18.00*
AMD Athlon LE-1640	627	2330	NA	NA
AMD Athlon LE-1660	688	2303	NA	NA
AMD Athlon MP	230	2720	4.20	\$54.95*
AMD Athlon MP 1700+	339	2581	NA	NA
AMD Athlon MP 2400+	436	2472	NA	NA
AMD Athlon MP 2800+	497	2405	NA	NA
AMD Athlon Neo MV-40	409	2496	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2129	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2258	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2236	NA	NA
AMD Athlon PRO 200GE	5204	744	NA	NA
AMD Athlon QI-46	473	2430	NA	NA
AMD Athlon TF-20	413	2489	NA	NA
AMD Athlon TF-36	395	2518	NA	NA
AMD Athlon X2 215	1543	1841	NA	NA
AMD Athlon X2 235e	1806	1706	NA	NA
AMD Athlon X2 240	1602	1818	NA	NA
AMD Athlon X2 240e	1670	1779	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 250	1696	1764	NA	NA
AMD Athlon X2 255	1627	1803	NA	NA
AMD Athlon X2 280	2303	1487	68.77	\$33.49
AMD Athlon X2 340 Dual Core	1911	1653	38.23	\$49.99
AMD Athlon X2 370K Dual Core	2251	1512	NA	NA
AMD Athlon X2 440	1424	1894	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2257	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2134	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2193	NA	NA
AMD Athlon X2 Dual Core BE-2350	1104	2071	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2010	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1992	NA	NA
AMD Athlon X2 Dual Core L310	644	2321	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2126	NA	NA
AMD Athlon X3 425	2191	1535	NA	NA
AMD Athlon X3 435	2574	1385	26.96	\$95.49*
AMD Athlon X3 440	2078	1582	23.62	\$87.99*
AMD Athlon X3 445	2314	1478	NA	NA
AMD Athlon X3 450	3064	1222	38.80	\$78.99*
AMD Athlon X3 455	2401	1451	NA	NA
AMD Athlon X4 605e	2505	1415	NA	NA
AMD Athlon X4 620	2861	1294	47.74	\$59.95*
AMD Athlon X4 635	2891	1286	23.71	\$121.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X4 640	3172	1183	NA	NA
AMD Athlon X4 740 Quad Core	4010	970	14.48	\$277.00*
AMD Athlon X4 750 Quad Core	4551	866	NA	NA
AMD Athlon X4 750K Quad Core	4251	928	55.22	\$76.99*
AMD Athlon X4 760K Quad Core	4593	863	109.40	\$41.99
AMD Athlon X4 830	4701	838	NA	NA
AMD Athlon X4 840	5044	780	64.07	\$78.74*
AMD Athlon X4 845	5424	715	55.13	\$98.39
AMD Athlon X4 860K	5429	713	99.62	\$54.50
AMD Athlon X4 870K	5319	734	66.50	\$79.99
AMD Athlon X4 880K	5542	695	55.43	\$99.99
AMD Athlon X4 950	5287	737	66.93	\$79.00
AMD Athlon XP1600+	281	2661	NA	NA
AMD Athlon XP1900+	353	2566	NA	NA
AMD Athlon XP2100+	287	2651	NA	NA
AMD Athlon XP2200+	401	2509	NA	NA
AMD Athlon XP2400+	374	2540	NA	NA
AMD Athlon XP 1500	282	2660	NA	NA
AMD Athlon XP 1500+	257	2691	NA	NA
AMD Athlon XP 1600+	267	2681	NA	NA
AMD Athlon XP 1700	344	2577	NA	NA
AMD Athlon XP 1700+	271	2677	NA	NA
AMD Athlon XP 1800+	300	2626	5.10	\$58.95*
AMD Athlon XP 1900+	312	2609	NA	NA
AMD Athlon XP 2000+	299	2627	12.00	\$24.99*
AMD Athlon XP 2100+	323	2593	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2200+	328	2592	3.87	\$84.95*
AMD Athlon XP 2300+	464	2438	NA	NA
AMD Athlon XP 2400+	360	2560	4.01	\$89.99*
AMD Athlon XP 2500+	355	2563	NA	NA
AMD Athlon XP 2600+	372	2544	16.18	\$23.03*
AMD Athlon XP 2700+	393	2521	4.64	\$84.79*
AMD Athlon XP 2800+	400	2511	NA	NA
AMD Athlon XP 2900+	440	2465	NA	NA
AMD Athlon XP 3000+	402	2508	5.05	\$79.70*
AMD Athlon XP 3100+	433	2477	NA	NA
AMD Athlon XP 3200+	434	2476	NA	NA
AMD Athlon XP 3400+	570	2362	NA	NA
AMD Athlon XP Pro3+	367	2551	NA	NA
AMD Athlon XP-M	541	2375	15.48	\$34.95*
AMD C-30	310	2611	NA	NA
AMD C-50	461	2442	NA	NA
AMD C-60	466	2435	NA	NA
AMD C-60 APU	544	2371	NA	NA
AMD C-70 APU	559	2366	NA	NA
AMD E1 Micro-6200T APU	960	2164	NA	NA
AMD E1-1200 APU	657	2315	NA	NA
AMD E1-1500 APU	688	2302	NA	NA
AMD E1-2100 APU	638	2325	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E1-2200 APU	767	2261	NA	NA
AMD E1-2500 APU	889	2208	NA	NA
AMD E1-6010 APU	858	2218	NA	NA
AMD E1-6015 APU	897	2207	NA	NA
AMD E1-7010 APU	998	2133	NA	NA
AMD E2-1800 APU	817	2241	NA	NA
AMD E2-2000 APU	828	2237	NA	NA
AMD E2-3000 APU	1094	2078	NA	NA
AMD E2-3000M APU	1092	2079	54.65	\$20.00*
AMD E2-3200 APU	1402	1903	175.52	\$7.99*
AMD E2-3800 APU	1635	1797	NA	NA
AMD E2-6110 APU	1905	1656	NA	NA
AMD E2-7110 APU	2278	1499	NA	NA
AMD E2-9000	1665	1782	NA	NA
AMD E2-9000e	1351	1930	NA	NA
AMD E2-9010	1745	1730	NA	NA
AMD E2-9030	1515	1858	NA	NA
AMD E-240	314	2606	NA	NA
AMD E-300 APU	611	2337	NA	NA
AMD E-350	747	2272	NA	NA
AMD E-350 APU	761	2265	NA	NA
AMD E-350D APU	726	2281	NA	NA
AMD E-450 APU	767	2262	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1728	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1576	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2514	1409	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded R-Series RX-216GD	2409	1447	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	770	NA	NA
AMD Embedded R-Series RX-421BD	4635	849	NA	NA
AMD EPYC 7251 8-Core	11344	218	22.41	\$506.24
AMD EPYC 7351P	15820	113	18.86	\$838.80
AMD EPYC 7371	22236	26	NA	NA
AMD EPYC 7401P	18385	67	14.28	\$1,287.51
AMD EPYC 7501	18942	61	4.35	\$4,350.32
AMD EPYC 7551	18483	66	4.85	\$3,813.99
AMD EPYC 7551P	18359	68	8.04	\$2,282.39
AMD FirePro A320 APU	4540	871	NA	NA
AMD FX-670K Quad-Core	4550	867	NA	NA
AMD FX-770K Quad-Core	4797	824	NA	NA
AMD FX-870K Quad Core	5105	758	NA	NA
AMD FX-4100 Quad-Core	4068	960	31.30	\$129.99*
AMD FX-4130 Quad-Core	4164	945	54.80	\$75.99*
AMD FX-4150 Quad-Core	4594	862	NA	NA
AMD FX-4170 Quad-Core	4863	813	48.64	\$99.99*
AMD FX-4200 Quad-Core	4235	933	18.56	\$228.21*
AMD FX-4300 Quad-Core	4687	841	101.91	\$46.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-4320	5009	786	NA	NA
AMD FX-4330	5321	733	NA	NA
AMD FX-4350 Quad-Core	5340	729	23.22	\$229.99
AMD FX-6100 Six-Core	5383	720	21.28	\$253.00
AMD FX-6120 Six-Core	5731	672	NA	NA
AMD FX-6130 Six-Core	6215	620	NA	NA
AMD FX-6200 Six-Core	6124	632	18.02	\$339.95
AMD FX-6300 Six-Core	6386	608	127.75	\$49.99
AMD FX-6330 Six-Core	6916	555	NA	NA
AMD FX-6350 Six-Core	7001	547	53.86	\$129.99
AMD FX-7500 APU	3208	1174	NA	NA
AMD FX-7600P	4051	962	NA	NA
AMD FX-7600P APU	4627	851	NA	NA
AMD FX-8100 Eight-Core	5982	643	42.13	\$142.00*
AMD FX-8120 Eight-Core	6599	587	66.00	\$99.99
AMD FX-8140 Eight-Core	6133	629	NA	NA
AMD FX-8150 Eight-Core	7630	490	19.90	\$383.50*
AMD FX-8300 Eight-Core	7728	479	90.75	\$85.16
AMD FX-8310 Eight-Core	7758	474	NA	NA
AMD FX-8320 Eight-Core	8019	451	95.03	\$84.39
AMD FX-8320E Eight-Core	7548	494	79.95	\$94.42
AMD FX-8350 Eight-Core	8948	378	137.68	\$64.99
AMD FX-8370 Eight-Core	9029	370	64.50	\$139.99
AMD FX-8370E Eight-Core	7806	469	45.39	\$171.99
AMD FX-8800P	4138	951	NA	NA
AMD FX-9370 Eight-Core	9452	332	52.84	\$178.89
AMD FX-9590 Eight-Core	10195	266	97.14	\$104.95
AMD FX-9800P	3998	972	NA	NA
AMD FX-9830P	4725	834	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-B4150 Quad-Core	4611	857	NA	NA
AMD G-T40E	467	2434	NA	NA
AMD G-T40N	516	2391	NA	NA
AMD G-T40R	203	2747	NA	NA
AMD G-T44R	227	2722	NA	NA
AMD G-T48E	724	2282	NA	NA
AMD G-T52R	308	2613	NA	NA
AMD G-T56E	751	2270	NA	NA
AMD G-T56N	788	2255	NA	NA
AMD Geode NX	264	2684	NA	NA
AMD Geode NX 1750	291	2640	NA	NA
AMD GX-210JA SOC	401	2510	NA	NA
AMD GX-212JC SOC	744	2275	NA	NA
AMD GX-217GA SOC	1103	2072	NA	NA
AMD GX-218GL SOC	1115	2060	NA	NA
AMD GX-222GC SOC	1255	1989	NA	NA
AMD GX-412HC	1497	1867	NA	NA
AMD GX-415GA SOC	1946	1635	NA	NA
AMD GX-420CA SOC	2412	1444	NA	NA
AMD GX-424CC SOC	2491	1419	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD K7	403	2505	NA	NA
AMD Opteron 140	396	2516	0.56	\$710.00*
AMD Opteron 142	428	2482	NA	NA
AMD Opteron 144	486	2417	7.48	\$65.00*
AMD Opteron 146	532	2381	8.87	\$59.99*
AMD Opteron 148	603	2343	NA	NA
AMD Opteron 150	604	2341	NA	NA
AMD Opteron 152	658	2313	NA	NA
AMD Opteron 154	703	2296	NA	NA
AMD Opteron 165	899	2205	1.47	\$610.00*
AMD Opteron 170	1097	2074	NA	NA
AMD Opteron 175	1167	2038	NA	NA
AMD Opteron 180	1234	2001	9.50	\$129.95*
AMD Opteron 185	1360	1926	NA	NA
AMD Opteron 246	632	2328	31.62	\$19.99
AMD Opteron 248	476	2428	4.77	\$99.95
AMD Opteron 250	649	2318	59.01	\$11.00*
AMD Opteron 252	760	2267	12.00	\$63.36*
AMD Opteron 254	693	2298	NA	NA
AMD Opteron 256	963	2161	50.72	\$19.00*
AMD Opteron 265	963	2162	6.02	\$159.95*
AMD Opteron 270	1083	2087	1.78	\$607.47*
AMD Opteron 275	1291	1964	19.87	\$64.99
AMD Opteron 280	1272	1978	1.60	\$796.67*
AMD Opteron 285	1470	1875	NA	NA
AMD Opteron 290	1464	1877	10.85	\$135.00*
AMD Opteron 1210	923	2190	NA	NA
AMD Opteron 1210 HE	971	2153	NA	NA
AMD Opteron 1212	1009	2127	3.48	\$290.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1212 HE	1308	1952	NA	NA
AMD Opteron 1214	1191	2023	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1956	NA	NA
AMD Opteron 1216	1311	1950	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2035	NA	NA
AMD Opteron 1218	1468	1876	NA	NA
AMD Opteron 1218 HE	1444	1886	NA	NA
AMD Opteron 1220	1653	1791	NA	NA
AMD Opteron 1222	1757	1723	NA	NA
AMD Opteron 1352	2316	1476	17.04	\$135.99*
AMD Opteron 1354	2630	1366	8.49	\$309.97*
AMD Opteron 1356	2765	1325	30.73	\$89.99*
AMD Opteron 1381	3065	1221	NA	NA
AMD Opteron 2212	1270	1981	105.89	\$12.00*
AMD Opteron 2214	1358	1927	46.85	\$29.00
AMD Opteron 2214 HE	1415	1898	NA	NA
AMD Opteron 2216	1518	1856	66.00	\$23.00
AMD Opteron 2218	1594	1824	49.18	\$32.42*
AMD Opteron 2220	1701	1761	1.15	\$1,475.16*
AMD Opteron 2220 SE	1398	1905	55.92	\$25.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2222	1843	1689	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1648	NA	NA
AMD Opteron 2350	2820	1302	10.45	\$269.99*
AMD Opteron 2356	2814	1306	188.25	\$14.95
AMD Opteron 2373 EE	2789	1316	NA	NA
AMD Opteron 2374 HE	2951	1258	15.53	\$189.99*
AMD Opteron 2376	2283	1496	13.69	\$166.81*
AMD Opteron 2378	3179	1182	17.76	\$179.00*
AMD Opteron 2380	2640	1363	105.64	\$25.00*
AMD Opteron 2384	3538	1086	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1088	NA	NA
AMD Opteron 2393 SE	2246	1514	NA	NA
AMD Opteron 2427	3069	1219	31.00	\$99.00
AMD Opteron 2431	4516	876	112.91	\$40.00*
AMD Opteron 2435	4708	837	24.91	\$189.00
AMD Opteron 3260 HE	3259	1155	NA	NA
AMD Opteron 3280	5403	717	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1353	NA	NA
AMD Opteron 3350 HE	4009	971	NA	NA
AMD Opteron 3365	5963	645	NA	NA
AMD Opteron 3380	6384	609	7.89	\$809.00*
AMD Opteron 4122	2942	1260	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1186	NA	NA
AMD Opteron 4170 HE	3664	1056	62.11	\$59.00*
AMD Opteron 4184	4418	897	8.50	\$519.95*
AMD Opteron 4280	6430	602	128.63	\$49.99
AMD Opteron 4284	6660	581	111.03	\$59.99
AMD Opteron 4332 HE	5614	686	NA	NA
AMD Opteron 4334	6099	635	28.18	\$216.42*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4365 EE	5025	782	NA	NA
AMD Opteron 4386	6761	569	48.30	\$139.99
AMD Opteron 6128	4505	877	214.63	\$20.99
AMD Opteron 6134	2938	1262	66.81	\$43.99
AMD Opteron 6136	4631	850	42.10	\$110.00*
AMD Opteron 6164 HE	5351	726	NA	NA
AMD Opteron 6174	6171	625	62.34	\$99.00
AMD Opteron 6176 SE	5446	711	34.26	\$159.00
AMD Opteron 6212	5776	667	192.62	\$29.99
AMD Opteron 6220	6785	565	113.11	\$59.99
AMD Opteron 6234	5938	650	84.84	\$69.99*
AMD Opteron 6238	7673	485	127.92	\$59.99
AMD Opteron 6272	6748	572	112.50	\$59.99
AMD Opteron 6274	4865	811	20.36	\$239.00
AMD Opteron 6276	9011	373	112.66	\$79.99
AMD Opteron 6282 SE	9116	362	70.13	\$129.99
AMD Opteron 6287 SE	9789	303	NA	NA
AMD Opteron 6328	7813	468	39.07	\$199.99
AMD Opteron 6366 HE	7503	498	37.52	\$199.99
AMD Opteron 6376	9414	338	144.84	\$65.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6378	2152	1546	10.76	\$199.99
AMD Opteron 6380	10081	277	100.83	\$99.99
AMD Opteron 6386 SE	10748	239	71.66	\$149.99
AMD Opteron 8354	2255	1511	102.52	\$22.00
AMD Opteron 8439 SE	3813	1015	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1223	NA	NA
AMD Opteron X3216 APU	2368	1465	NA	NA
AMD Opteron X3421 APU	4899	805	NA	NA
AMD Phenom 2 X4 12000	3005	1240	NA	NA
AMD Phenom 7950 Quad-Core	2991	1245	NA	NA
AMD Phenom 8250 Triple-Core	1644	1793	NA	NA
AMD Phenom 8250e Triple-Core	1619	1807	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1631	1801	NA	NA
AMD Phenom 8450 Triple-Core	1888	1670	63.05	\$29.95*
AMD Phenom 8450e Triple-Core	2040	1593	NA	NA
AMD Phenom 8600 Triple-Core	1703	1759	32.15	\$52.99*
AMD Phenom 8600B Triple-Core	1918	1649	36.20	\$52.99*
AMD Phenom 8650 Triple-Core	1988	1616	39.78	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1588	NA	NA
AMD Phenom 8750B Triple-Core	2034	1597	NA	NA
AMD Phenom 8850 Triple-Core	2026	1599	NA	NA
AMD Phenom 8850B Triple-Core	2080	1581	NA	NA
AMD Phenom 9100e Quad-Core	1835	1694	45.96	\$39.95*
AMD Phenom 9150e Quad-Core	2114	1565	52.92	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1474	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1368	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2203	1531	76.00	\$28.99
AMD Phenom 9550 Quad-Core	2543	1397	87.74	\$28.99
AMD Phenom 9600 Quad-Core	2305	1483	46.16	\$49.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9600B Quad-Core	2573	1386	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2635	1364	47.97	\$54.95*
AMD Phenom 9750 Quad-Core	2810	1308	95.31	\$29.49
AMD Phenom 9750B Quad-Core	2709	1342	NA	NA
AMD Phenom 9850 Quad-Core	2892	1285	24.11	\$119.99
AMD Phenom 9850B Quad-Core	3160	1193	NA	NA
AMD Phenom 9950 Quad-Core	3013	1236	22.32	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1407	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1259	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1062	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1096	NA	NA
AMD Phenom II N620 Dual-Core	1681	1772	421.43	\$3.99*
AMD Phenom II N640 Dual-Core	1716	1746	26.43	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1685	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1359	NA	NA
AMD Phenom II N830 Triple-Core	1890	1668	NA	NA
AMD Phenom II N850 Triple-Core	1937	1639	77.50	\$25.00*
AMD Phenom II N870 Triple-Core	1988	1615	NA	NA
AMD Phenom II N930 Quad-Core	2272	1504	17.49	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1422	22.07	\$112.60*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N970 Quad-Core	2524	1404	16.83	\$149.99*
AMD Phenom II P650 Dual-Core	1597	1822	45.66	\$35.00*
AMD Phenom II P820 Triple-Core	1604	1815	NA	NA
AMD Phenom II P840 Triple-Core	1741	1734	NA	NA
AMD Phenom II P860 Triple-Core	1759	1721	NA	NA
AMD Phenom II P920 Quad-Core	1866	1678	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1702	NA	NA
AMD Phenom II P960 Quad-Core	2084	1579	74.43	\$28.00*
AMD Phenom II X2 511	2104	1569	NA	NA
AMD Phenom II X2 521	2071	1584	NA	NA
AMD Phenom II X2 545	1914	1652	18.92	\$101.14
AMD Phenom II X2 550	2022	1601	19.14	\$105.68
AMD Phenom II X2 555	2045	1592	18.75	\$109.09
AMD Phenom II X2 560	2058	1589	51.47	\$39.99
AMD Phenom II X2 565	2211	1526	73.73	\$29.99*
AMD Phenom II X2 570	1960	1629	NA	NA
AMD Phenom II X2 B53	1709	1754	NA	NA
AMD Phenom II X2 B55	1916	1651	39.92	\$48.00*
AMD Phenom II X2 B57	1826	1699	NA	NA
AMD Phenom II X2 B59	2150	1548	107.62	\$19.98
AMD Phenom II X3 700e	2285	1495	NA	NA
AMD Phenom II X3 705e	2227	1521	14.63	\$152.34*
AMD Phenom II X3 710	2444	1433	28.91	\$84.53*
AMD Phenom II X3 715	2649	1361	31.17	\$84.99*
AMD Phenom II X3 720	2673	1354	20.11	\$132.95
AMD Phenom II X3 740	2985	1247	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1338	36.47	\$75.00*
AMD Phenom II X3 B75	2929	1267	73.25	\$39.99
AMD Phenom II X3 B77	3067	1220	137.64	\$22.29*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 805	3001	1243	17.25	\$173.99*
AMD Phenom II X4 810	3124	1202	26.94	\$115.99*
AMD Phenom II X4 820	3400	1118	45.37	\$74.95*
AMD Phenom II X4 830	3434	1110	42.96	\$79.95*
AMD Phenom II X4 840	3508	1092	39.00	\$89.95*
AMD Phenom II X4 840T	3601	1068	51.45	\$69.99
AMD Phenom II X4 850	3547	1083	54.59	\$64.99
AMD Phenom II X4 900e	2882	1289	NA	NA
AMD Phenom II X4 905e	3086	1214	57.17	\$53.99
AMD Phenom II X4 910	3252	1158	32.52	\$100.00*
AMD Phenom II X4 910e	3253	1156	20.72	\$156.99*
AMD Phenom II X4 920	3396	1123	51.47	\$65.99
AMD Phenom II X4 925	3421	1112	77.78	\$43.99
AMD Phenom II X4 940	3591	1069	60.52	\$59.34
AMD Phenom II X4 945	3659	1058	30.50	\$119.99
AMD Phenom II X4 955	3929	992	30.19	\$130.16*
AMD Phenom II X4 960T	3787	1022	59.19	\$63.99
AMD Phenom II X4 965	4189	940	72.24	\$58.00
AMD Phenom II X4 970	4326	915	29.21	\$148.11*
AMD Phenom II X4 973	3759	1029	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 975	4459	886	31.93	\$139.69
AMD Phenom II X4 977	3750	1033	NA	NA
AMD Phenom II X4 980	4493	881	32.88	\$136.64*
AMD Phenom II X4 8700e	2377	1459	NA	NA
AMD Phenom II X4 B05e	2781	1318	NA	NA
AMD Phenom II X4 B15e	2736	1336	NA	NA
AMD Phenom II X4 B25	3330	1139	NA	NA
AMD Phenom II X4 B35	3383	1127	NA	NA
AMD Phenom II X4 B40	3376	1129	NA	NA
AMD Phenom II X4 B45	3467	1103	NA	NA
AMD Phenom II X4 B50	3701	1046	NA	NA
AMD Phenom II X4 B55	3859	1002	NA	NA
AMD Phenom II X4 B60	4043	964	NA	NA
AMD Phenom II X4 B65	4177	943	NA	NA
AMD Phenom II X4 B70	4261	927	NA	NA
AMD Phenom II X4 B93	3355	1134	NA	NA
AMD Phenom II X4 B95	3687	1052	50.55	\$72.95*
AMD Phenom II X4 B97	3868	1000	67.88	\$56.99
AMD Phenom II X4 B99	4130	954	NA	NA
AMD Phenom II X6 1035T	4653	845	24.62	\$189.00*
AMD Phenom II X6 1045T	4810	820	58.67	\$81.99
AMD Phenom II X6 1055T	4962	795	33.08	\$149.99
AMD Phenom II X6 1065T	5049	776	NA	NA
AMD Phenom II X6 1075T	5341	728	47.28	\$112.99
AMD Phenom II X6 1090T	5577	691	14.08	\$396.08*
AMD Phenom II X6 1100T	5722	673	28.90	\$197.99
AMD Phenom II X6 1405T	5042	781	NA	NA
AMD Phenom II X620 Dual-Core	2189	1536	NA	NA
AMD Phenom II X640 Dual-Core	2021	1603	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X920 Quad-Core	2650	1360	NA	NA
AMD Phenom II X940 Quad-Core	2695	1346	NA	NA
AMD Phenom Ultra X4 24500	3945	989	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1763	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1528	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1727	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2029	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1890	NA	NA
AMD Phenom X3 8550	1922	1646	11.31	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1722	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1612	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1519	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1284	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1341	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1348	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2013	NA	NA
AMD PRO A4-3350B APU	2274	1502	NA	NA
AMD PRO A4-8350B	2791	1314	NA	NA
AMD PRO A6-7350B	2759	1328	NA	NA
AMD PRO A6-8500B	2516	1408	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A6-8530B	2388	1455	NA	NA
AMD PRO A6-8550B	2985	1248	NA	NA
AMD PRO A6-8570	3049	1228	NA	NA
AMD PRO A6-8570E	2824	1300	NA	NA
AMD PRO A6-9500	3239	1166	43.77	\$74.00*
AMD PRO A6-9500B	2076	1583	NA	NA
AMD PRO A6-9500E	2761	1327	37.31	\$74.00*
AMD PRO A8-8600B	3544	1084	NA	NA
AMD PRO A8-8650B	5426	714	NA	NA
AMD PRO A8-8670E	5015	784	NA	NA
AMD PRO A8-9600	5296	736	44.51	\$119.00*
AMD PRO A8-9600B	3979	979	NA	NA
AMD PRO A10-8700B	3583	1074	NA	NA
AMD PRO A10-8730B	3971	982	NA	NA
AMD PRO A10-8750B	5470	706	NA	NA
AMD PRO A10-8770	5707	675	NA	NA
AMD PRO A10-8770E	5045	779	NA	NA
AMD PRO A10-8850B	5852	659	NA	NA
AMD PRO A10-9700	5677	681	33.59	\$169.00*
AMD PRO A10-9700B	4393	900	NA	NA
AMD PRO A10-9700E	5066	772	36.45	\$139.00*
AMD PRO A12-8800B	4137	952	NA	NA
AMD PRO A12-8830B	4325	916	NA	NA
AMD PRO A12-8870	6067	639	NA	NA
AMD PRO A12-8870E	5186	748	NA	NA
AMD PRO A12-9800	6199	622	36.68	\$169.00*
AMD PRO A12-9800B	4158	946	NA	NA
AMD PRO A12-9800E	4788	826	28.34	\$169.00*
AMD QC-4000	1663	1784	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD R-260H APU	1576	1828	NA	NA
AMD R-460L APU	1954	1632	NA	NA
AMD R-464L APU	3117	1205	NA	NA
AMD RX-427BB	4318	918	NA	NA
AMD Ryzen 3 1200	6743	573	70.99	\$94.99
AMD Ryzen 3 1300X	7492	500	54.93	\$136.40
AMD Ryzen 3 2200G	7316	519	77.02	\$94.99
AMD Ryzen 3 2200GE	6861	560	NA	NA
AMD Ryzen 3 2200U	4477	885	NA	NA
AMD Ryzen 3 2300U	6288	616	NA	NA
AMD Ryzen 3 PRO 1200	7069	541	NA	NA
AMD Ryzen 3 PRO 1300	8022	450	NA	NA
AMD Ryzen 3 PRO 2200G	8060	444	NA	NA
AMD Ryzen 3 PRO 2200GE	7768	473	NA	NA
AMD Ryzen 3 PRO 2300U	7177	532	NA	NA
AMD Ryzen 5 1400	8376	418	59.49	\$140.80
AMD Ryzen 5 1500X	10082	276	69.54	\$144.99
AMD Ryzen 5 1600	12266	198	76.67	\$159.99
AMD Ryzen 5 1600X	13235	173	78.41	\$168.79
AMD Ryzen 5 2400G	9274	351	61.83	\$149.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 2400GE	7932	457	NA	NA
AMD Ryzen 5 2500U	7328	516	NA	NA
AMD Ryzen 5 2600	13522	168	81.96	\$164.99
AMD Ryzen 5 2600X	14361	143	71.81	\$199.99
AMD Ryzen 5 PRO 1500	10118	272	NA	NA
AMD Ryzen 5 PRO 1600	12213	199	NA	NA
AMD Ryzen 5 PRO 2400G	10046	279	NA	NA
AMD Ryzen 5 PRO 2400GE	9376	341	NA	NA
AMD Ryzen 5 PRO 2500U	8835	389	NA	NA
AMD Ryzen 5 PRO 2600	14645	135	NA	NA
AMD Ryzen 7 1700	13746	160	80.86	\$169.99
AMD Ryzen 7 1700X	14678	132	77.26	\$189.99
AMD Ryzen 7 1800X	15390	118	55.71	\$276.25
AMD Ryzen 7 2700	15002	128	57.70	\$259.99
AMD Ryzen 7 2700U	7401	512	NA	NA
AMD Ryzen 7 2700X	16978	82	54.95	\$308.99
AMD Ryzen 7 2800H	8498	412	NA	NA
AMD Ryzen 7 PRO 1700	14171	147	NA	NA
AMD Ryzen 7 PRO 1700X	15349	119	NA	NA
AMD Ryzen 7 PRO 2700	15897	110	NA	NA
AMD Ryzen 7 PRO 2700U	9002	375	NA	NA
AMD Ryzen 7 PRO 2700X	17276	78	NA	NA
AMD Ryzen Embedded V1202B	5051	775	NA	NA
AMD Ryzen Embedded V1605B	7667	486	NA	NA
AMD Ryzen Embedded V1807B	7185	530	NA	NA
AMD Ryzen Threadripper 1900X	16019	104	50.63	\$316.38
AMD Ryzen Threadripper 1920X	19313	55	44.34	\$435.56
AMD Ryzen Threadripper 1950X	21993	27	37.28	\$589.99
AMD Ryzen Threadripper 2920X	21317	37	34.49	\$617.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Threadripper 2950X	25671	10	29.17	\$879.99
AMD Ryzen Threadripper 2970WX	18950	60	17.55	\$1,079.99
AMD Ryzen Threadripper 2990WX	24082	17	13.92	\$1,729.99
AMD Ryzen Threadripper 2990X	18311	69	NA	NA
AMD Sempron 130	656	2317	26.29	\$24.99*
AMD Sempron 140	735	2277	18.57	\$39.59*
AMD Sempron 145	805	2249	47.46	\$16.98
AMD Sempron 150	707	2292	15.74	\$44.95*
AMD Sempron 200U	267	2680	3.08	\$87.00*
AMD Sempron 210U	391	2526	NA	NA
AMD Sempron 240	2110	1567	36.39	\$58.00
AMD Sempron 2100+	392	2524	NA	NA
AMD Sempron 2200+	281	2664	9.38	\$29.99*
AMD Sempron 2300+	318	2599	7.07	\$45.00*
AMD Sempron 2400+	313	2608	12.06	\$26.00
AMD Sempron 2500+	335	2583	3.54	\$94.95
AMD Sempron 2600+	373	2542	10.70	\$34.95
AMD Sempron 2650 APU	947	2173	23.69	\$40.00
AMD Sempron 2800+	383	2530	19.18	\$19.99
AMD Sempron 3000+	409	2497	20.47	\$20.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 3100+	452	2451	7.53	\$60.00*
AMD Sempron 3200+	406	2499	3.10	\$131.22
AMD Sempron 3300+	484	2422	8.07	\$60.00
AMD Sempron 3400+	454	2450	3.46	\$131.22
AMD Sempron 3500+	379	2533	18.98	\$20.00*
AMD Sempron 3600+	487	2415	40.59	\$12.00*
AMD Sempron 3800+	554	2368	3.62	\$152.92
AMD Sempron 3850 APU	1716	1747	39.97	\$42.93
AMD Sempron Dual Core 2100	936	2180	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2137	NA	NA
AMD Sempron Dual Core 2300	982	2146	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2171	NA	NA
AMD Sempron Dual Core 4900	1081	2089	NA	NA
AMD Sempron LE-250	490	2409	NA	NA
AMD Sempron LE-1100	438	2469	NA	NA
AMD Sempron LE-1150	445	2458	NA	NA
AMD Sempron LE-1200	528	2382	NA	NA
AMD Sempron LE-1250	541	2374	5.41	\$99.95*
AMD Sempron LE-1300	605	2339	30.28	\$20.00
AMD Sempron LE-1600	535	2379	NA	NA
AMD Sempron LE-1620	635	2326	NA	NA
AMD Sempron LE-1640	759	2268	NA	NA
AMD Sempron M100	558	2367	46.58	\$12.00*
AMD Sempron M120	582	2351	NA	NA
AMD Sempron SI-40	443	2461	36.93	\$12.00*
AMD Sempron SI-42	454	2448	15.16	\$30.01
AMD Sempron X2 180	1222	2006	17.62	\$69.40*
AMD Sempron X2 190	1509	1860	18.09	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1899	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile MK-36	465	2436	NA	NA
AMD Turion 64 Mobile MK-38	513	2393	NA	NA
AMD Turion 64 Mobile ML-28	390	2527	NA	NA
AMD Turion 64 Mobile ML-30	402	2507	NA	NA
AMD Turion 64 Mobile ML-32	409	2494	NA	NA
AMD Turion 64 Mobile ML-34	425	2485	NA	NA
AMD Turion 64 Mobile ML-37	442	2462	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2387	NA	NA
AMD Turion 64 Mobile ML-42	615	2335	NA	NA
AMD Turion 64 Mobile ML-44	591	2346	NA	NA
AMD Turion 64 Mobile MT-28	419	2486	NA	NA
AMD Turion 64 Mobile MT-30	378	2534	NA	NA
AMD Turion 64 Mobile MT-32	426	2484	NA	NA
AMD Turion 64 Mobile MT-34	429	2480	NA	NA
AMD Turion 64 Mobile MT-37	484	2421	NA	NA
AMD Turion 64 Mobile MT-40	536	2377	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2274	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	765	2263	NA	NA
AMD Turion 64 X2 Mobile TL-56	886	2209	44.33	\$20.00*
AMD Turion 64 X2 Mobile TL-58	945	2174	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 X2 Mobile TL-60	993	2142	41.47	\$23.95*
AMD Turion 64 X2 Mobile TL-62	1087	2082	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1110	2064	28.20	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2054	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2040	12.92	\$90.00*
AMD Turion Dual-Core RM-70	904	2203	36.16	\$25.00*
AMD Turion Dual-Core RM-72	860	2216	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2123	NA	NA
AMD Turion Dual-Core RM-75	977	2149	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1294	1961	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1953	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1938	NA	NA
AMD Turion II N530 Dual-Core	1583	1827	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1849	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2150	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2025	NA	NA
AMD Turion II Neo N40L Dual-Core	924	2189	NA	NA
AMD Turion II Neo N54L Dual-Core	1376	1917	NA	NA
AMD Turion II P520 Dual-Core	1357	1928	NA	NA
AMD Turion II P540 Dual-Core	1429	1891	28.62	\$49.95*
AMD Turion II P560 Dual-Core	1513	1859	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	1902	78.98	\$17.81*
AMD Turion II Ultra Dual-Core Mobile M620	1427	1893	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1780	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1844	NA	NA
AMD Turion Neo X2 Dual Core L625	819	2240	NA	NA
AMD Turion X2 Dual Core L510	923	2191	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2219	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2098	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Dual-Core Mobile RM-70	994	2140	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1083	2086	4.83	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2097	42.48	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1137	2056	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2048	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1014	2124	72.45	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2085	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	2012	94.53	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2002	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1959	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1267	1983	31.72	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2135	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2115	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1883	NA	NA
AMD V105	299	2628	NA	NA
AMD V120	623	2333	NA	NA
AMD V140	642	2324	12.86	\$49.95*
AMD V160	679	2308	NA	NA
AMD Z-01	523	2386	NA	NA
AMD Z-60 APU	500	2404	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD-K6 3D	90	2804	NA	NA
AMD-K6-III	108	2801	NA	NA
AMD-K7	403	2506	NA	NA
Athlon 64 Dual Core 3800+	1234	2003	NA	NA
Athlon 64 Dual Core 4200+	1156	2045	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	1919	NA	NA
Athlon 64 Dual Core 5000+	1507	1861	NA	NA
Athlon 64 Dual Core 5400+	1614	1810	NA	NA
Athlon 64 Dual Core 5600+	1548	1839	NA	NA
Athlon Dual Core 4050e	968	2157	NA	NA
Athlon Dual Core 4450e	1204	2016	NA	NA
Athlon Dual Core 4850e	1327	1942	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1297	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1084	2084	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1168	2036	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1200	2019	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1276	1975	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2015	NA	NA
HP Hexa-Core 2.0GHz	2178	1539	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2222	NA	NA
Intel 1400 @ 1.83GHz	980	2147	NA	NA
Intel 1500 @ 2.00GHz	1024	2118	NA	NA
Intel Atom 230 @ 1.60GHz	307	2615	NA	NA
Intel Atom 330 @ 1.60GHz	587	2349	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2206	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2163	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1577	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1508	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1541	15.95	\$136.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C2750 @ 2.40GHz	3806	1018	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1137	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1190	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1428	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1399	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	815	14.62	\$332.00*
Intel Atom D410 @ 1.66GHz	301	2624	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2576	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2316	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	705	2294	NA	NA
Intel Atom D2500 @ 1.86GHz	404	2504	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2307	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2288	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2229	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2285	NA	NA
Intel Atom E660 @ 1.30GHz	271	2675	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2573	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2589	2.22	\$149.00
Intel Atom E3825 @ 1.33GHz	579	2355	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2411	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom E3827 @ 1.74GHz	849	2226	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2041	NA	NA
Intel Atom E3845 @ 1.91GHz	1499	1865	NA	NA
Intel Atom E3940 @ 1.60GHz	1889	1669	NA	NA
Intel Atom E3950 @ 1.60GHz	1827	1697	NA	NA
Intel Atom K510 @ 1.66GHz	658	2314	NA	NA
Intel Atom N270 @ 1.60GHz	269	2679	NA	NA
Intel Atom N280 @ 1.66GHz	283	2657	NA	NA
Intel Atom N435 @ 1.33GHz	261	2687	NA	NA
Intel Atom N450 @ 1.66GHz	296	2634	NA	NA
Intel Atom N455 @ 1.66GHz	283	2655	NA	NA
Intel Atom N470 @ 1.83GHz	307	2614	NA	NA
Intel Atom N475 @ 1.83GHz	314	2604	NA	NA
Intel Atom N550 @ 1.50GHz	525	2385	6.11	\$86.00*
Intel Atom N570 @ 1.66GHz	573	2359	6.67	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2620	NA	NA
Intel Atom N2600 @ 1.60GHz	525	2383	NA	NA
Intel Atom N2800 @ 1.86GHz	627	2329	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2196	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1594	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2247	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1623	1805	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1193	2021	8.97	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1018	2121	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1264	1985	60.21	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1695	1765	27.10	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1837	1693	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1899	1661	25.80	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1904	1657	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z510 @ 1.10GHz	194	2755	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2731	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2734	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2663	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2570	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2531	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2711	NA	NA
Intel Atom Z2760 @ 1.80GHz	565	2364	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2197	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2187	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2202	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2200	NA	NA
Intel Atom Z3736F @ 1.33GHz	920	2194	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	2096	NA	NA
Intel Atom Z3740D @ 1.33GHz	1025	2117	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2092	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1034	2110	NA	NA
Intel Atom Z3770 @ 1.46GHz	1245	1998	8.34	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2250	NA	NA
Intel Atom Z3775 @ 1.46GHz	1257	1986	35.92	\$35.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3775D @ 1.49GHz	1278	1974	NA	NA
Intel Atom Z3795 @ 1.60GHz	1771	1718	NA	NA
Intel Celeron 1.70GHz	130	2794	NA	NA
Intel Celeron 1.80GHz	136	2791	NA	NA
Intel Celeron 2.00GHz	182	2767	NA	NA
Intel Celeron 2.10GHz	244	2709	NA	NA
Intel Celeron 2.13GHz	208	2742	NA	NA
Intel Celeron 2.20GHz	213	2737	NA	NA
Intel Celeron 2.26GHz	223	2726	NA	NA
Intel Celeron 2.30GHz	227	2723	NA	NA
Intel Celeron 2.40GHz	217	2732	NA	NA
Intel Celeron 2.50GHz	247	2703	NA	NA
Intel Celeron 2.53GHz	245	2707	NA	NA
Intel Celeron 2.60GHz	238	2714	NA	NA
Intel Celeron 2.66GHz	250	2700	NA	NA
Intel Celeron 2.70GHz	245	2708	NA	NA
Intel Celeron 2.80GHz	254	2693	NA	NA
Intel Celeron 2.93GHz	283	2656	NA	NA
Intel Celeron 3.06GHz	285	2652	NA	NA
Intel Celeron 3.20GHz	288	2645	NA	NA
Intel Celeron 3.33GHz	333	2586	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2595	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2598	NA	NA
Intel Celeron 420 @ 1.60GHz	449	2454	2.00	\$225.00
Intel Celeron 430 @ 1.80GHz	490	2410	29.69	\$16.52
Intel Celeron 440 @ 2.00GHz	546	2369	9.11	\$59.99
Intel Celeron 450 @ 2.20GHz	624	2332	2.78	\$225.00
Intel Celeron 530 @ 1.73GHz	468	2433	20.37	\$23.00*
Intel Celeron 540 @ 1.86GHz	518	2388	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 550 @ 2.00GHz	515	2392	7.94	\$64.95
Intel Celeron 560 @ 2.13GHz	535	2378	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2389	NA	NA
Intel Celeron 600MHz	147	2787	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2502	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2479	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2271	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2548	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2336	NA	NA
Intel Celeron 847 @ 1.10GHz	937	2179	2.98	\$315.00*
Intel Celeron 847E @ 1.10GHz	1030	2111	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2052	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2033	39.12	\$29.99
Intel Celeron 877 @ 1.40GHz	1289	1965	NA	NA
Intel Celeron 887 @ 1.50GHz	1274	1977	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2309	23.35	\$28.99
Intel Celeron 925 @ 2.30GHz	692	2300	NA	NA
Intel Celeron 1000M @ 1.80GHz	1676	1774	NA	NA
Intel Celeron 1000MHz	213	2736	NA	NA
Intel Celeron 1005M @ 1.90GHz	1808	1704	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1007U @ 1.50GHz	1391	1909	7.52	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1519	1853	NA	NA
Intel Celeron 1019Y @ 1.00GHz	931	2183	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1520	NA	NA
Intel Celeron 1037U @ 1.80GHz	1735	1739	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2024	NA	NA
Intel Celeron 1066MHz	259	2688	NA	NA
Intel Celeron 1100MHz	174	2773	NA	NA
Intel Celeron 1133MHz	282	2658	NA	NA
Intel Celeron 1200MHz	244	2710	NA	NA
Intel Celeron 1300MHz	288	2647	NA	NA
Intel Celeron 1333MHz	290	2641	NA	NA
Intel Celeron 1400MHz	302	2621	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1467	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1813	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1997	1611	NA	NA
Intel Celeron 2955U @ 1.40GHz	1419	1896	NA	NA
Intel Celeron 2957U @ 1.40GHz	1437	1889	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2065	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1479	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1825	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1829	NA	NA
Intel Celeron 3205U @ 1.50GHz	1520	1850	5.30	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1660	1785	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1760	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1614	NA	NA
Intel Celeron 3855U @ 1.60GHz	1651	1792	NA	NA
Intel Celeron 3865U @ 1.80GHz	1936	1640	NA	NA
Intel Celeron 3955U @ 2.00GHz	1869	1677	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3965U @ 2.20GHz	2411	1445	22.54	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1619	1806	15.14	\$107.00*
Intel Celeron @ 1.30GHz	965	2158	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2761	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2244	NA	NA
Intel Celeron B800 @ 1.50GHz	1272	1979	NA	NA
Intel Celeron B810 @ 1.60GHz	1411	1900	NA	NA
Intel Celeron B815 @ 1.60GHz	1361	1923	NA	NA
Intel Celeron B820 @ 1.70GHz	1427	1892	36.34	\$39.29*
Intel Celeron B830 @ 1.80GHz	1522	1848	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1743	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2678	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2622	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2601	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2585	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2503	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2424	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2350	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2221	3.81	\$225.00
Intel Celeron E1400 @ 2.00GHz	1048	2104	11.66	\$89.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron E1500 @ 2.20GHz	1172	2034	59.67	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	1988	NA	NA
Intel Celeron E3200 @ 2.40GHz	1394	1908	26.81	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1386	1911	123.94	\$11.19
Intel Celeron E3400 @ 2.60GHz	1437	1888	23.87	\$60.23
Intel Celeron E3500 @ 2.70GHz	1454	1882	23.45	\$62.01
Intel Celeron G440 @ 1.60GHz	690	2301	5.52	\$125.00
Intel Celeron G460 @ 1.80GHz	1026	2116	91.69	\$11.19
Intel Celeron G465 @ 1.90GHz	1064	2095	35.48	\$29.99
Intel Celeron G470 @ 2.00GHz	1298	1958	NA	NA
Intel Celeron G530 @ 2.40GHz	2138	1551	46.14	\$46.34
Intel Celeron G530T @ 2.00GHz	1717	1745	NA	NA
Intel Celeron G540 @ 2.50GHz	2202	1532	48.95	\$45.00
Intel Celeron G540T @ 2.10GHz	2114	1564	NA	NA
Intel Celeron G550 @ 2.60GHz	2286	1493	32.46	\$70.45
Intel Celeron G550T @ 2.20GHz	2063	1585	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1441	60.57	\$40.00
Intel Celeron G1101 @ 2.27GHz	1667	1781	84.34	\$19.77
Intel Celeron G1610 @ 2.60GHz	2490	1420	12.45	\$200.00
Intel Celeron G1610T @ 2.30GHz	2303	1484	57.53	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2578	1384	16.79	\$153.59*
Intel Celeron G1620T @ 2.40GHz	2353	1470	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1417	35.63	\$69.99
Intel Celeron G1820 @ 2.70GHz	2752	1331	42.35	\$65.00
Intel Celeron G1820T @ 2.40GHz	2505	1414	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1554	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1396	36.35	\$69.99
Intel Celeron G1840 @ 2.80GHz	2862	1293	38.18	\$74.99
Intel Celeron G1840T @ 2.50GHz	2605	1374	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1850 @ 2.90GHz	2905	1276	36.32	\$79.99
Intel Celeron G3900 @ 2.80GHz	3161	1191	60.09	\$52.62
Intel Celeron G3900E @ 2.40GHz	2679	1351	NA	NA
Intel Celeron G3900T @ 2.60GHz	2919	1271	NA	NA
Intel Celeron G3900TE @ 2.30GHz	2591	1379	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3120	1203	52.03	\$59.98
Intel Celeron G3930 @ 2.90GHz	3031	1232	59.24	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1324	32.94	\$83.99
Intel Celeron G3950 @ 3.00GHz	3006	1239	42.21	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3287	1151	55.71	\$59.00
Intel Celeron G4900T @ 2.90GHz	2960	1256	NA	NA
Intel Celeron G4920 @ 3.20GHz	3302	1147	35.17	\$93.90
Intel Celeron J1750 @ 2.41GHz	1037	2109	NA	NA
Intel Celeron J1800 @ 2.41GHz	1026	2114	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1811	NA	NA
Intel Celeron J1900 @ 1.99GHz	1849	1686	NA	NA
Intel Celeron J3060 @ 1.60GHz	972	2152	NA	NA
Intel Celeron J3160 @ 1.60GHz	1791	1712	NA	NA
Intel Celeron J3355 @ 2.00GHz	1180	2028	NA	NA
Intel Celeron J3455 @ 1.50GHz	2134	1553	5.62	\$379.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J4005 @ 2.00GHz	1569	1834	11.17	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2634	1365	24.62	\$107.00*
Intel Celeron M 1.00GHz	207	2743	16.60	\$12.49
Intel Celeron M 1.30GHz	316	2600	NA	NA
Intel Celeron M 1.50GHz	343	2578	NA	NA
Intel Celeron M 1.60GHz	365	2555	NA	NA
Intel Celeron M 1.70GHz	393	2523	NA	NA
Intel Celeron M 360 1.40GHz	328	2591	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2602	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2580	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2550	NA	NA
Intel Celeron M 440 @ 1.86GHz	397	2514	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2695	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2453	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2478	NA	NA
Intel Celeron M 530 @ 1.73GHz	460	2444	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2373	NA	NA
Intel Celeron M 600MHz	151	2785	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2447	NA	NA
Intel Celeron M 900MHz	204	2745	NA	NA
Intel Celeron M 1200MHz	275	2673	NA	NA
Intel Celeron M 1300MHz	303	2619	NA	NA
Intel Celeron M 1500MHz	332	2588	NA	NA
Intel Celeron M ULV 800MHz	184	2765	NA	NA
Intel Celeron N2805 @ 1.46GHz	454	2449	NA	NA
Intel Celeron N2806 @ 1.60GHz	798	2251	NA	NA
Intel Celeron N2807 @ 1.58GHz	850	2225	NA	NA
Intel Celeron N2808 @ 1.58GHz	922	2192	NA	NA
Intel Celeron N2810 @ 2.00GHz	781	2256	5.58	\$139.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2815 @ 1.86GHz	856	2224	NA	NA
Intel Celeron N2820 @ 2.13GHz	930	2184	4.43	\$209.99
Intel Celeron N2830 @ 2.16GHz	953	2169	NA	NA
Intel Celeron N2840 @ 2.16GHz	1002	2130	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2018	NA	NA
Intel Celeron N2920 @ 1.86GHz	1499	1864	NA	NA
Intel Celeron N2930 @ 1.83GHz	1629	1802	NA	NA
Intel Celeron N2940 @ 1.83GHz	1735	1738	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2204	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2159	NA	NA
Intel Celeron N3050 @ 1.60GHz	879	2210	5.95	\$147.76
Intel Celeron N3060 @ 1.60GHz	988	2144	NA	NA
Intel Celeron N3150 @ 1.60GHz	1656	1790	NA	NA
Intel Celeron N3160 @ 1.60GHz	1671	1776	5.83	\$286.99*
Intel Celeron N3350 @ 1.10GHz	1106	2070	NA	NA
Intel Celeron N3450 @ 1.10GHz	1853	1684	11.31	\$163.80
Intel Celeron N4000 @ 1.10GHz	1460	1878	13.65	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2306	1482	21.55	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1119	2058	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2139	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron P4600 @ 2.00GHz	1340	1935	NA	NA
Intel Celeron SU2300 @ 1.20GHz	769	2260	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2170	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2099	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1758	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2283	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2304	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2248	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1052	2102	6.66	\$157.95
Intel Core2 Duo E4400 @ 2.00GHz	1156	2044	7.32	\$157.95
Intel Core2 Duo E4500 @ 2.20GHz	1271	1980	211.86	\$6.00
Intel Core2 Duo E4600 @ 2.40GHz	1385	1912	8.77	\$157.95
Intel Core2 Duo E4700 @ 2.60GHz	1483	1872	54.96	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1109	2066	11.93	\$93.00
Intel Core2 Duo E6320 @ 1.86GHz	1184	2027	7.50	\$157.95
Intel Core2 Duo E6400 @ 2.13GHz	1289	1966	64.63	\$19.95
Intel Core2 Duo E6420 @ 2.13GHz	1360	1925	8.62	\$157.95
Intel Core2 Duo E6540 @ 2.33GHz	1458	1879	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1866	100.22	\$14.95
Intel Core2 Duo E6600 @ 2.40GHz	1553	1838	9.83	\$157.95
Intel Core2 Duo E6700 @ 2.66GHz	1693	1767	14.60	\$115.99
Intel Core2 Duo E6750 @ 2.66GHz	1715	1748	132.45	\$12.95
Intel Core2 Duo E6850 @ 3.00GHz	1948	1634	32.54	\$59.88
Intel Core2 Duo E7200 @ 2.53GHz	1632	1799	33.31	\$49.00
Intel Core2 Duo E7300 @ 2.66GHz	1726	1740	43.30	\$39.88
Intel Core2 Duo E7400 @ 2.80GHz	1773	1717	11.23	\$157.95
Intel Core2 Duo E7500 @ 2.93GHz	1875	1673	25.00	\$75.00
Intel Core2 Duo E7600 @ 3.06GHz	1971	1623	16.44	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1520	1852	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8135 @ 2.66GHz	1746	1729	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1887	1671	11.95	\$157.95
Intel Core2 Duo E8235 @ 2.80GHz	1965	1626	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1469	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1994	1613	8.86	\$225.00
Intel Core2 Duo E8335 @ 2.66GHz	1846	1687	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1559	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2149	1549	240.19	\$8.95
Intel Core2 Duo E8435 @ 3.06GHz	2127	1560	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2282	1497	10.14	\$225.00
Intel Core2 Duo E8600 @ 3.33GHz	2409	1446	10.71	\$225.00
Intel Core2 Duo E8700 @ 3.50GHz	2212	1524	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2266	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2305	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2239	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2227	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	964	2160	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2151	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2059	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	2094	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo L9600 @ 2.13GHz	1318	1947	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	1963	64.63	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	1957	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1415	1897	35.40	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2175	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1517	1857	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1437	1887	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2120	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1456	1881	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1843	31.23	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1623	1804	42.75	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1733	30.56	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1835	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1752	1726	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1738	1736	17.56	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1873	1675	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2012	1605	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2347	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1270	1982	5.02	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1678	1773	5.91	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	932	2182	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	830	2234	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	836	2233	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2245	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	935	2181	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	912	2199	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	909	2201	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	925	2188	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1046	2105	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5600 @ 1.83GHz	1028	2113	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	993	2141	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1092	2080	109.33	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1108	2068	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1195	2020	75.16	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1145	2053	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1207	2014	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1225	2005	81.78	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1287	1967	85.87	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1255	1987	32.62	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1361	1924	72.02	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1365	1921	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1017	2122	46.25	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1165	2039	11.66	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1113	2062	5.53	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1192	2022	38.48	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1247	1997	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1275	1976	29.66	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1381	1914	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1420	1895	23.70	\$59.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T7800 @ 2.60GHz	1604	1816	2.64	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1295	1960	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1473	1874	13.53	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1671	1777	28.83	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1739	1735	24.87	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1796	1709	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1801	1708	6.03	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1926	1644	21.41	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2012	1606	4.75	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2130	1555	5.34	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	870	2213	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	582	2352	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	664	2311	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2297	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2217	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1133	2057	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1768	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1059	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3633	1061	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3460	1105	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1871	1676	7.10	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1707	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1940	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1771	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1903	1658	4.64	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2061	1586	2.42	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4156	947	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	878	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4611	856	2.87	\$1,608.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme X9775 @ 3.20GHz	4646	846	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2952	1257	128.94	\$22.90
Intel Core2 Quad Q6700 @ 2.66GHz	3286	1152	73.04	\$44.99
Intel Core2 Quad Q8200 @ 2.33GHz	2812	1307	12.50	\$225.00
Intel Core2 Quad Q8300 @ 2.50GHz	2983	1249	20.35	\$146.58
Intel Core2 Quad Q8400 @ 2.66GHz	3165	1187	13.19	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2523	1405	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1165	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3159	1194	63.21	\$49.99
Intel Core2 Quad Q9400 @ 2.66GHz	3342	1138	67.03	\$49.87
Intel Core2 Quad Q9450 @ 2.66GHz	3762	1028	11.23	\$335.00
Intel Core2 Quad Q9500 @ 2.83GHz	3538	1087	101.13	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3564	1078	18.76	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3969	983	13.50	\$294.00
Intel Core2 Quad Q9650 @ 3.00GHz	4169	944	68.13	\$61.19
Intel Core2 Quad Q9705 @ 3.16GHz	3947	987	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	350	2569	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2610	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2488	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	465	2437	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core 330 @ 1.60GHz	643	2322	NA	NA
Intel Core 860 @ 2.80GHz	4555	865	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2286	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2289	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2273	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2299	NA	NA
Intel Core Duo T2250 @ 1.73GHz	757	2269	NA	NA
Intel Core Duo T2300 @ 1.66GHz	728	2280	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2264	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2253	49.65	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2238	NA	NA
Intel Core Duo T2500 @ 2.00GHz	868	2215	7.24	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	943	2177	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2119	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2372	NA	NA
Intel Core Duo U2500 @ 1.20GHz	512	2394	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1641	NA	NA
Intel Core i3-330M @ 2.13GHz	1791	1713	36.89	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1075	2093	NA	NA
Intel Core i3-350M @ 2.27GHz	1893	1666	48.54	\$39.00*
Intel Core i3-370M @ 2.40GHz	2016	1604	50.46	\$39.96*
Intel Core i3-380M @ 2.53GHz	2093	1574	9.97	\$209.95*
Intel Core i3-380UM @ 1.33GHz	1168	2037	NA	NA
Intel Core i3-390M @ 2.67GHz	2180	1537	55.99	\$38.95*
Intel Core i3-530 @ 2.93GHz	2566	1391	128.34	\$20.00
Intel Core i3-540 @ 3.07GHz	2688	1350	128.01	\$21.00
Intel Core i3-550 @ 3.20GHz	2829	1299	16.08	\$176.00
Intel Core i3-560 @ 3.33GHz	2937	1263	97.98	\$29.98
Intel Core i3-2100 @ 3.10GHz	3690	1051	28.11	\$131.29
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2100T @ 2.50GHz	2941	1261	49.04	\$59.99
Intel Core i3-2102 @ 3.10GHz	3736	1037	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3706	1044	46.34	\$79.99
Intel Core i3-2120 @ 3.30GHz	3926	995	130.87	\$30.00
Intel Core i3-2120T @ 2.60GHz	3162	1189	19.77	\$160.00
Intel Core i3-2125 @ 3.30GHz	4028	967	19.46	\$207.00
Intel Core i3-2130 @ 3.40GHz	4065	961	53.36	\$76.19
Intel Core i3-2140 @ 3.50GHz	4325	917	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1296	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2430	1437	62.63	\$38.81*
Intel Core i3-2312M @ 2.10GHz	2394	1452	NA	NA
Intel Core i3-2328M @ 2.20GHz	2532	1401	27.24	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1218	NA	NA
Intel Core i3-2330M @ 2.20GHz	2524	1403	14.83	\$170.20*
Intel Core i3-2332M @ 2.20GHz	2382	1457	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1742	NA	NA
Intel Core i3-2348M @ 2.30GHz	2613	1370	NA	NA
Intel Core i3-2350M @ 2.30GHz	2620	1369	71.20	\$36.81
Intel Core i3-2357M @ 1.30GHz	1556	1837	NA	NA
Intel Core i3-2365M @ 1.40GHz	1682	1769	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2367M @ 1.40GHz	1705	1757	NA	NA
Intel Core i3-2370M @ 2.40GHz	2776	1320	69.75	\$39.81
Intel Core i3-2375M @ 1.50GHz	1780	1715	NA	NA
Intel Core i3-2377M @ 1.50GHz	1827	1698	NA	NA
Intel Core i3-3110M @ 2.40GHz	3076	1217	21.98	\$139.95*
Intel Core i3-3120M @ 2.50GHz	3218	1173	23.15	\$139.00
Intel Core i3-3130M @ 2.60GHz	3405	1115	NA	NA
Intel Core i3-3210 @ 3.20GHz	4033	966	29.23	\$138.00
Intel Core i3-3217U @ 1.80GHz	2303	1485	10.01	\$229.99
Intel Core i3-3217UE @ 1.60GHz	2162	1544	NA	NA
Intel Core i3-3220 @ 3.30GHz	4238	932	71.83	\$59.00
Intel Core i3-3220T @ 2.80GHz	3701	1045	37.02	\$99.99
Intel Core i3-3225 @ 3.30GHz	4339	911	27.12	\$160.00
Intel Core i3-3227U @ 1.90GHz	2471	1426	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1693	1766	NA	NA
Intel Core i3-3240 @ 3.40GHz	4310	920	13.06	\$329.95
Intel Core i3-3240T @ 2.90GHz	3680	1054	NA	NA
Intel Core i3-3245 @ 3.40GHz	4429	891	55.37	\$79.99
Intel Core i3-3250 @ 3.50GHz	4446	887	46.81	\$94.99
Intel Core i3-3250T @ 3.00GHz	3614	1063	NA	NA
Intel Core i3-4000M @ 2.40GHz	3246	1163	16.24	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2443	1434	NA	NA
Intel Core i3-4010U @ 1.70GHz	2437	1435	22.16	\$110.00*
Intel Core i3-4010Y @ 1.30GHz	1900	1660	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2163	1543	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2214	1523	NA	NA
Intel Core i3-4025U @ 1.90GHz	2782	1317	NA	NA
Intel Core i3-4030U @ 1.90GHz	2709	1343	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1413	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4100M @ 2.50GHz	3477	1100	15.91	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	998	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1280	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1227	NA	NA
Intel Core i3-4130 @ 3.40GHz	4796	825	41.71	\$115.00
Intel Core i3-4130T @ 2.90GHz	4142	950	46.55	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4891	806	30.42	\$160.81
Intel Core i3-4150T @ 3.00GHz	4270	925	18.57	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1272	NA	NA
Intel Core i3-4160 @ 3.60GHz	5055	774	26.68	\$189.46
Intel Core i3-4160T @ 3.10GHz	4418	898	29.46	\$149.99
Intel Core i3-4170 @ 3.70GHz	5186	747	43.59	\$119.00
Intel Core i3-4170T @ 3.20GHz	4544	870	21.64	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5097	761	28.32	\$179.99
Intel Core i3-4330T @ 3.00GHz	4486	883	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1176	NA	NA
Intel Core i3-4340 @ 3.60GHz	5240	741	30.83	\$169.99
Intel Core i3-4350 @ 3.60GHz	4963	794	29.20	\$169.99
Intel Core i3-4350T @ 3.10GHz	4302	921	NA	NA
Intel Core i3-4360 @ 3.70GHz	5463	707	19.51	\$279.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4360T @ 3.20GHz	4636	848	NA	NA
Intel Core i3-4370 @ 3.80GHz	5602	689	13.50	\$415.00
Intel Core i3-4370T @ 3.30GHz	4890	807	35.44	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	801	NA	NA
Intel Core i3-5005U @ 2.00GHz	2904	1278	NA	NA
Intel Core i3-5010U @ 2.10GHz	3054	1224	10.05	\$303.93*
Intel Core i3-5015U @ 2.10GHz	3045	1230	NA	NA
Intel Core i3-5020U @ 2.20GHz	3184	1180	6.94	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3663	1057	NA	NA
Intel Core i3-6006U @ 2.00GHz	3092	1211	NA	NA
Intel Core i3-6098P @ 3.60GHz	5417	716	40.51	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5489	701	36.84	\$149.00
Intel Core i3-6100E @ 2.70GHz	3769	1026	NA	NA
Intel Core i3-6100H @ 2.70GHz	4246	931	NA	NA
Intel Core i3-6100T @ 3.20GHz	4861	814	25.59	\$189.99
Intel Core i3-6100TE @ 2.70GHz	4337	912	NA	NA
Intel Core i3-6100U @ 2.30GHz	3603	1067	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	1009	NA	NA
Intel Core i3-6300 @ 3.80GHz	5852	660	35.21	\$166.22
Intel Core i3-6300T @ 3.30GHz	5249	739	29.16	\$179.99
Intel Core i3-6320 @ 3.90GHz	6047	641	37.80	\$159.99
Intel Core i3-7020U @ 2.30GHz	3521	1090	12.53	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5779	665	45.80	\$126.18
Intel Core i3-7100H @ 3.00GHz	4696	839	20.87	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5048	778	56.72	\$89.00*
Intel Core i3-7100U @ 2.40GHz	3779	1024	11.18	\$337.98*
Intel Core i3-7101TE @ 3.40GHz	5016	783	42.88	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4249	930	15.12	\$281.00*
Intel Core i3-7167U @ 2.80GHz	4757	830	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7300 @ 4.00GHz	6386	607	35.12	\$181.82
Intel Core i3-7300T @ 3.50GHz	5369	722	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6541	589	34.06	\$192.05
Intel Core i3-7350K @ 4.20GHz	6622	585	33.85	\$195.64
Intel Core i3-8100 @ 3.60GHz	8060	443	67.74	\$118.99
Intel Core i3-8100T @ 3.10GHz	7501	499	53.97	\$139.00
Intel Core i3-8109U @ 3.00GHz	6164	626	NA	NA
Intel Core i3-8121U @ 2.20GHz	4738	832	NA	NA
Intel Core i3-8130U @ 2.20GHz	5066	771	18.03	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5225	742	18.60	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8695	402	46.68	\$186.27*
Intel Core i3-8300T @ 3.20GHz	7650	488	44.88	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9251	353	48.51	\$190.73
Intel Core i5 750S @ 2.40GHz	2197	1534	8.72	\$252.01
Intel Core i5 E 520 @ 2.40GHz	2486	1421	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3608	1065	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3737	1036	NA	NA
Intel Core i5-430M @ 2.27GHz	2098	1573	14.99	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1339	1936	NA	NA
Intel Core i5-450M @ 2.40GHz	2122	1562	66.44	\$31.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-460M @ 2.53GHz	2326	1473	31.05	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	2090	NA	NA
Intel Core i5-480M @ 2.67GHz	2404	1449	29.83	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1515	NA	NA
Intel Core i5-520M @ 2.40GHz	2371	1463	23.72	\$99.99
Intel Core i5-520UM @ 1.07GHz	1356	1929	NA	NA
Intel Core i5-540M @ 2.53GHz	2451	1431	12.91	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1374	1918	NA	NA
Intel Core i5-560M @ 2.67GHz	2586	1381	18.48	\$139.95
Intel Core i5-560UM @ 1.33GHz	1664	1783	NA	NA
Intel Core i5-580M @ 2.67GHz	2604	1375	23.69	\$109.95*
Intel Core i5-650 @ 3.20GHz	3102	1209	36.27	\$85.55
Intel Core i5-655K @ 3.20GHz	3399	1119	56.67	\$59.99
Intel Core i5-660 @ 3.33GHz	3249	1160	66.32	\$49.00
Intel Core i5-661 @ 3.33GHz	3182	1181	12.63	\$252.01
Intel Core i5-670 @ 3.47GHz	3309	1144	13.13	\$252.01
Intel Core i5-680 @ 3.60GHz	3509	1091	12.90	\$272.01
Intel Core i5-750 @ 2.67GHz	3693	1050	39.90	\$92.55
Intel Core i5-760 @ 2.80GHz	3889	996	43.22	\$89.99
Intel Core i5-2300 @ 2.80GHz	5351	725	66.90	\$79.99
Intel Core i5-2310 @ 2.90GHz	5540	696	69.28	\$79.98
Intel Core i5-2320 @ 3.00GHz	5763	669	22.17	\$259.95*
Intel Core i5-2380P @ 3.10GHz	5741	671	63.81	\$89.99
Intel Core i5-2390T @ 2.70GHz	4262	926	42.66	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5962	646	66.99	\$89.00
Intel Core i5-2400S @ 2.50GHz	4964	793	75.56	\$65.70
Intel Core i5-2405S @ 2.50GHz	5082	765	30.92	\$164.40*
Intel Core i5-2410M @ 2.30GHz	3164	1188	43.95	\$72.00
Intel Core i5-2415M @ 2.30GHz	3299	1148	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2430M @ 2.40GHz	3283	1153	39.03	\$84.11*
Intel Core i5-2435M @ 2.40GHz	3248	1161	NA	NA
Intel Core i5-2450M @ 2.50GHz	3399	1120	38.62	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6132	630	68.14	\$89.99
Intel Core i5-2467M @ 1.60GHz	2327	1472	NA	NA
Intel Core i5-2500 @ 3.30GHz	6334	613	68.86	\$91.99
Intel Core i5-2500K @ 3.30GHz	6478	596	56.33	\$115.00
Intel Core i5-2500S @ 2.70GHz	5332	731	71.10	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4622	853	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	1055	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1142	NA	NA
Intel Core i5-2520M @ 2.50GHz	3587	1072	21.16	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2100	1572	NA	NA
Intel Core i5-2540M @ 2.60GHz	3780	1023	19.90	\$189.95
Intel Core i5-2550K @ 3.40GHz	6664	580	51.27	\$129.99
Intel Core i5-2557M @ 1.70GHz	2678	1352	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1031	NA	NA
Intel Core i5-3210M @ 2.50GHz	3825	1013	31.70	\$120.68*
Intel Core i5-3230M @ 2.60GHz	3939	990	15.78	\$249.65*
Intel Core i5-3317U @ 1.70GHz	3090	1212	13.73	\$225.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3320M @ 2.60GHz	4115	957	35.93	\$114.53
Intel Core i5-3330 @ 3.00GHz	5934	651	19.14	\$309.99
Intel Core i5-3330S @ 2.70GHz	5677	680	59.14	\$96.00
Intel Core i5-3335S @ 2.70GHz	5788	664	NA	NA
Intel Core i5-3337U @ 1.80GHz	3220	1170	14.32	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2204	1529	NA	NA
Intel Core i5-3340 @ 3.10GHz	6082	637	23.21	\$262.01
Intel Core i5-3340M @ 2.70GHz	4250	929	53.16	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	661	18.27	\$320.00
Intel Core i5-3350P @ 3.10GHz	6147	627	40.98	\$149.99
Intel Core i5-3360M @ 2.80GHz	4429	890	47.73	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4424	893	NA	NA
Intel Core i5-3427U @ 1.80GHz	3552	1082	8.46	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3634	1060	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1266	NA	NA
Intel Core i5-3450 @ 3.10GHz	6530	592	51.43	\$126.99
Intel Core i5-3450S @ 2.80GHz	6219	618	41.61	\$149.45
Intel Core i5-3470 @ 3.20GHz	6708	577	67.76	\$99.00
Intel Core i5-3470S @ 2.90GHz	6366	611	44.83	\$142.00
Intel Core i5-3470T @ 2.90GHz	4482	884	14.51	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6613	586	46.08	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6954	551	20.46	\$339.95
Intel Core i5-3550S @ 3.00GHz	6906	556	20.25	\$341.01*
Intel Core i5-3570 @ 3.40GHz	7116	536	55.60	\$128.00
Intel Core i5-3570K @ 3.40GHz	7174	533	51.61	\$139.00
Intel Core i5-3570S @ 3.10GHz	6755	570	23.70	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5901	654	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3830	1010	NA	NA
Intel Core i5-4200H @ 2.80GHz	4438	888	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4200M @ 2.50GHz	4034	965	22.42	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3292	1149	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1448	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2259	1510	NA	NA
Intel Core i5-4210H @ 2.90GHz	4538	873	NA	NA
Intel Core i5-4210M @ 2.60GHz	4195	938	13.54	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3403	1117	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2378	1458	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1507	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1279	NA	NA
Intel Core i5-4250U @ 1.30GHz	3451	1106	9.61	\$358.99*
Intel Core i5-4258U @ 2.40GHz	4082	959	NA	NA
Intel Core i5-4260U @ 1.40GHz	3565	1077	NA	NA
Intel Core i5-4278U @ 2.60GHz	4362	906	NA	NA
Intel Core i5-4288U @ 2.60GHz	4357	908	NA	NA
Intel Core i5-4300M @ 2.60GHz	4421	894	NA	NA
Intel Core i5-4300U @ 1.90GHz	3741	1035	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2491	1418	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1252	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	935	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4310M @ 2.70GHz	4626	852	NA	NA
Intel Core i5-4310U @ 2.00GHz	3752	1032	NA	NA
Intel Core i5-4330M @ 2.80GHz	4488	882	16.32	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4810	819	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1064	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	868	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	988	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1309	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6322	614	35.13	\$179.99
Intel Core i5-4430S @ 2.70GHz	5930	652	37.07	\$159.99
Intel Core i5-4440 @ 3.10GHz	6502	593	38.25	\$169.99
Intel Core i5-4440S @ 2.80GHz	6217	619	13.43	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6712	576	45.05	\$149.00
Intel Core i5-4460S @ 2.90GHz	6404	605	9.70	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4951	798	NA	NA
Intel Core i5-4570 @ 3.20GHz	7132	534	40.76	\$174.99
Intel Core i5-4570R @ 2.70GHz	6753	571	NA	NA
Intel Core i5-4570S @ 2.90GHz	6795	564	16.58	\$409.95
Intel Core i5-4570T @ 2.90GHz	4829	817	32.20	\$149.99
Intel Core i5-4570TE @ 2.70GHz	3827	1012	19.14	\$199.99
Intel Core i5-4590 @ 3.30GHz	7311	521	49.07	\$149.00
Intel Core i5-4590S @ 3.00GHz	7045	542	35.95	\$195.99
Intel Core i5-4590T @ 2.00GHz	5608	688	NA	NA
Intel Core i5-4670 @ 3.40GHz	7452	502	46.87	\$159.00
Intel Core i5-4670K @ 3.40GHz	7636	489	30.55	\$249.99
Intel Core i5-4670K CPT @ 3.40GHz	7411	510	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	509	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7322	518	34.38	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6142	628	28.84	\$213.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4690 @ 3.50GHz	7666	487	38.34	\$199.99
Intel Core i5-4690K @ 3.50GHz	7795	470	37.12	\$209.99
Intel Core i5-4690S @ 3.20GHz	7433	505	27.38	\$271.51
Intel Core i5-4690T @ 2.50GHz	6478	595	NA	NA
Intel Core i5-5200U @ 2.20GHz	3484	1099	NA	NA
Intel Core i5-5250U @ 1.60GHz	3585	1073	8.11	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4401	899	NA	NA
Intel Core i5-5287U @ 2.90GHz	4688	840	NA	NA
Intel Core i5-5300U @ 2.30GHz	3812	1017	7.39	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3446	1107	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	504	NA	NA
Intel Core i5-5675C @ 3.10GHz	8191	434	20.48	\$399.99
Intel Core i5-5675R @ 3.10GHz	8054	447	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4150	948	NA	NA
Intel Core i5-6200U @ 2.30GHz	4017	969	NA	NA
Intel Core i5-6260U @ 1.80GHz	4359	907	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4958	797	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	831	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6085	636	NA	NA
Intel Core i5-6300U @ 2.40GHz	4374	904	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6360U @ 2.00GHz	4880	809	NA	NA
Intel Core i5-6400 @ 2.70GHz	6762	568	21.88	\$308.99
Intel Core i5-6400T @ 2.20GHz	5608	687	21.58	\$259.95
Intel Core i5-6402P @ 2.80GHz	7112	537	37.44	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	666	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6782	566	NA	NA
Intel Core i5-6500 @ 3.20GHz	7243	525	30.91	\$234.38
Intel Core i5-6500T @ 2.50GHz	6282	617	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6539	590	31.14	\$209.99
Intel Core i5-6600 @ 3.30GHz	7770	472	31.21	\$249.00
Intel Core i5-6600K @ 3.50GHz	8059	445	33.10	\$243.49
Intel Core i5-6600T @ 2.70GHz	7326	517	41.87	\$174.99
Intel Core i5-7200U @ 2.50GHz	4611	855	NA	NA
Intel Core i5-7260U @ 2.20GHz	5683	677	NA	NA
Intel Core i5-7267U @ 3.10GHz	5098	760	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	684	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6804	563	NA	NA
Intel Core i5-7300U @ 2.60GHz	5190	746	11.28	\$459.99
Intel Core i5-7360U @ 2.30GHz	5957	647	NA	NA
Intel Core i5-7400 @ 3.00GHz	7335	515	35.61	\$205.99
Intel Core i5-7400T @ 2.40GHz	6431	601	34.03	\$189.00
Intel Core i5-7440HQ @ 2.80GHz	7696	481	NA	NA
Intel Core i5-7500 @ 3.40GHz	8024	449	35.35	\$227.03
Intel Core i5-7500T @ 2.70GHz	7008	546	29.67	\$236.25*
Intel Core i5-7600 @ 3.50GHz	8770	395	38.30	\$229.00
Intel Core i5-7600K @ 3.80GHz	9128	360	32.17	\$283.75
Intel Core i5-7600T @ 2.80GHz	8097	442	30.41	\$266.32*
Intel Core i5-7640X @ 4.00GHz	9520	322	27.81	\$342.40
Intel Core i5-8200Y @ 1.30GHz	3952	986	13.58	\$291.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8250U @ 1.60GHz	7683	483	NA	NA
Intel Core i5-8259U @ 2.30GHz	10976	232	16.16	\$679.41
Intel Core i5-8265U @ 1.60GHz	8200	432	27.61	\$297.00*
Intel Core i5-8300H @ 2.30GHz	9440	336	37.76	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8892	383	NA	NA
Intel Core i5-8350U @ 1.70GHz	8236	429	27.73	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11631	213	59.96	\$193.99
Intel Core i5-8400H @ 2.50GHz	9767	307	39.07	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9649	316	48.49	\$199.00
Intel Core i5-8500 @ 3.00GHz	11892	209	35.33	\$336.66
Intel Core i5-8500B @ 3.00GHz	12639	189	65.83	\$192.00*
Intel Core i5-8500T @ 2.10GHz	10028	281	45.93	\$218.34*
Intel Core i5-8600 @ 3.10GHz	12638	190	51.70	\$244.47*
Intel Core i5-8600K @ 3.60GHz	12767	184	45.15	\$282.81
Intel Core i5-8600T @ 2.30GHz	10913	234	29.18	\$373.99*
Intel Core i5-9600K @ 3.70GHz	13466	170	51.20	\$263.00
Intel Core i5-24050S @ 2.50GHz	4928	803	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3757	1030	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1625	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1395	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-620LM @ 2.00GHz	1955	1631	NA	NA
Intel Core i7-620M @ 2.67GHz	2722	1340	17.02	\$159.95
Intel Core i7-620UM @ 1.07GHz	1323	1944	NA	NA
Intel Core i7-640LM @ 2.13GHz	2261	1509	NA	NA
Intel Core i7-640M @ 2.80GHz	2831	1298	14.16	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1658	1787	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1731	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1752	NA	NA
Intel Core i7-720QM @ 1.60GHz	3011	1237	27.39	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3196	1178	29.08	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3229	1167	23.24	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3405	1116	11.74	\$289.97*
Intel Core i7-860 @ 2.80GHz	5006	787	56.89	\$87.99
Intel Core i7-860S @ 2.53GHz	4711	835	11.16	\$422.01
Intel Core i7-870 @ 2.93GHz	5338	730	56.19	\$95.00
Intel Core i7-870S @ 2.67GHz	4969	792	NA	NA
Intel Core i7-875K @ 2.93GHz	5430	712	11.20	\$485.01
Intel Core i7-880 @ 3.07GHz	5525	699	9.48	\$583.00*
Intel Core i7-920 @ 2.67GHz	4922	804	28.29	\$174.00
Intel Core i7-920XM @ 2.00GHz	3727	1039	1.10	\$3,375.00
Intel Core i7-930 @ 2.80GHz	5140	753	39.55	\$129.99
Intel Core i7-940 @ 2.93GHz	5350	727	18.01	\$297.00
Intel Core i7-940XM @ 2.13GHz	3937	991	NA	NA
Intel Core i7-950 @ 3.07GHz	5551	694	26.56	\$209.00
Intel Core i7-960 @ 3.20GHz	5811	663	58.12	\$99.99
Intel Core i7-965 @ 3.20GHz	5856	658	16.31	\$359.00
Intel Core i7-970 @ 3.20GHz	8373	419	55.83	\$149.98
Intel Core i7-975 @ 3.33GHz	6128	631	9.34	\$656.01
Intel Core i7-980 @ 3.33GHz	8664	405	12.38	\$699.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-980X @ 3.33GHz	8759	396	39.82	\$219.98
Intel Core i7-985 @ 3.47GHz	6641	582	NA	NA
Intel Core i7-990X @ 3.47GHz	9075	364	25.93	\$349.99
Intel Core i7-995X @ 3.60GHz	9791	302	NA	NA
Intel Core i7-2600 @ 3.40GHz	8191	433	60.68	\$135.00
Intel Core i7-2600K @ 3.40GHz	8435	416	44.40	\$189.99
Intel Core i7-2600S @ 2.80GHz	7077	540	35.39	\$199.99
Intel Core i7-2610UE @ 1.50GHz	2481	1423	NA	NA
Intel Core i7-2617M @ 1.50GHz	2818	1303	NA	NA
Intel Core i7-2620M @ 2.70GHz	3837	1006	21.47	\$178.76
Intel Core i7-2630QM @ 2.00GHz	5528	698	24.04	\$229.95
Intel Core i7-2630UM @ 1.60GHz	2584	1383	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5456	708	NA	NA
Intel Core i7-2637M @ 1.70GHz	2898	1283	NA	NA
Intel Core i7-2640M @ 2.80GHz	3927	994	21.12	\$185.97*
Intel Core i7-2655LE @ 2.20GHz	3161	1192	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5885	655	22.72	\$259.00
Intel Core i7-2675QM @ 2.20GHz	5533	697	NA	NA
Intel Core i7-2677M @ 1.80GHz	2817	1304	NA	NA
Intel Core i7-2700K @ 3.50GHz	8704	399	44.64	\$195.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2710QE @ 2.10GHz	5768	668	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	723	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6118	633	32.21	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6569	588	41.11	\$159.81*
Intel Core i7-2820QM @ 2.30GHz	6639	583	18.65	\$355.95*
Intel Core i7-2840QM @ 2.40GHz	6766	567	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6990	548	11.65	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7039	544	11.56	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7210	528	17.59	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3589	1070	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1140	NA	NA
Intel Core i7-3520M @ 2.90GHz	4544	869	19.34	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3842	1005	NA	NA
Intel Core i7-3540M @ 3.00GHz	4657	844	10.83	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	4130	953	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	599	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7463	501	18.66	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	575	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6820	562	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	514	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7384	513	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7583	493	31.73	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6940	553	19.15	\$362.40
Intel Core i7-3635QM @ 2.40GHz	6673	579	NA	NA
Intel Core i7-3667U @ 2.00GHz	3992	975	NA	NA
Intel Core i7-3687U @ 2.10GHz	4186	941	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1171	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8124	441	22.63	\$359.00*
Intel Core i7-3740QM @ 2.70GHz	8334	422	34.73	\$239.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3770 @ 3.40GHz	9285	349	46.67	\$198.99
Intel Core i7-3770K @ 3.50GHz	9513	323	32.92	\$289.00
Intel Core i7-3770S @ 3.10GHz	8891	384	80.84	\$109.99
Intel Core i7-3770T @ 2.50GHz	8204	431	24.86	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8995	376	20.97	\$429.00
Intel Core i7-3820QM @ 2.70GHz	8439	415	17.33	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8790	393	26.24	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9152	356	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11985	206	30.04	\$398.98
Intel Core i7-3940XM @ 3.00GHz	9293	348	17.24	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12610	191	12.49	\$1,009.78
Intel Core i7-3970X @ 3.50GHz	12672	187	13.93	\$909.99*
Intel Core i7-4500U @ 1.80GHz	3789	1021	NA	NA
Intel Core i7-4510U @ 2.00GHz	3927	993	NA	NA
Intel Core i7-4550U @ 1.50GHz	3713	1043	NA	NA
Intel Core i7-4558U @ 2.80GHz	4385	903	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	914	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	828	NA	NA
Intel Core i7-4600M @ 2.90GHz	4885	808	NA	NA
Intel Core i7-4600U @ 2.10GHz	4103	958	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4610M @ 3.00GHz	4950	799	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1034	NA	NA
Intel Core i7-4650U @ 1.70GHz	3965	984	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	531	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7724	480	20.17	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7690	482	40.69	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7428	507	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7126	535	21.19	\$336.25*
Intel Core i7-4710HQ @ 2.50GHz	7731	477	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7998	453	29.45	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7508	497	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7205	529	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8000	452	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	448	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8234	430	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	409	NA	NA
Intel Core i7-4765T @ 2.00GHz	7309	522	18.27	\$399.99
Intel Core i7-4770 @ 3.40GHz	9786	304	49.18	\$199.00
Intel Core i7-4770HQ @ 2.20GHz	8948	379	NA	NA
Intel Core i7-4770K @ 3.50GHz	10087	275	38.07	\$265.00
Intel Core i7-4770R @ 3.20GHz	9818	299	NA	NA
Intel Core i7-4770S @ 3.10GHz	9340	343	37.37	\$249.99
Intel Core i7-4770T @ 2.50GHz	8587	410	21.47	\$399.99
Intel Core i7-4770TE @ 2.30GHz	6732	574	NA	NA
Intel Core i7-4771 @ 3.50GHz	9871	295	32.91	\$299.99
Intel Core i7-4785T @ 2.20GHz	7609	492	NA	NA
Intel Core i7-4790 @ 3.60GHz	9989	288	35.81	\$278.99
Intel Core i7-4790K @ 4.00GHz	11176	220	23.99	\$465.91
Intel Core i7-4790S @ 3.20GHz	9572	320	20.63	\$464.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4790T @ 2.70GHz	9078	363	25.29	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8479	413	16.63	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8650	406	20.36	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9716	313	28.57	\$340.06
Intel Core i7-4850HQ @ 2.30GHz	9022	372	20.79	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7875	460	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9271	352	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9367	342	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9027	371	15.39	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9398	340	20.43	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13013	177	32.70	\$397.99
Intel Core i7-4930MX @ 3.00GHz	9493	325	8.66	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9905	291	13.95	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9807	301	15.74	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13800	158	16.24	\$849.99
Intel Core i7-4980HQ @ 2.80GHz	10230	264	NA	NA
Intel Core i7-5500U @ 2.40GHz	3981	978	NA	NA
Intel Core i7-5550U @ 2.00GHz	3686	1053	NA	NA
Intel Core i7-5557U @ 3.10GHz	4948	800	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4317	919	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5650U @ 2.20GHz	4224	934	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	435	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	427	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8366	421	NA	NA
Intel Core i7-5775C @ 3.30GHz	10984	231	24.41	\$449.99
Intel Core i7-5775R @ 3.30GHz	10857	236	NA	NA
Intel Core i7-5820K @ 3.30GHz	12986	178	43.29	\$299.99
Intel Core i7-5850EQ @ 2.70GHz	9817	300	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	331	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13631	163	21.41	\$636.53
Intel Core i7-5950HQ @ 2.90GHz	10932	233	NA	NA
Intel Core i7-5960X @ 3.00GHz	15949	108	15.75	\$1,012.33
Intel Core i7-6498DU @ 2.50GHz	4538	874	NA	NA
Intel Core i7-6500U @ 2.50GHz	4428	892	NA	NA
Intel Core i7-6560U @ 2.20GHz	4801	822	NA	NA
Intel Core i7-6567U @ 3.30GHz	5656	685	NA	NA
Intel Core i7-6600U @ 2.60GHz	4804	821	NA	NA
Intel Core i7-6650U @ 2.20GHz	4960	796	NA	NA
Intel Core i7-6700 @ 3.40GHz	10005	287	29.87	\$335.00
Intel Core i7-6700HQ @ 2.60GHz	8131	439	21.51	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11107	223	35.26	\$315.00
Intel Core i7-6700T @ 2.80GHz	9034	368	25.45	\$355.00*
Intel Core i7-6700TE @ 2.40GHz	8696	401	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9724	312	9.71	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13586	167	32.35	\$419.99
Intel Core i7-6820EQ @ 2.80GHz	8758	397	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9119	361	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8784	394	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	603	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6850K @ 3.60GHz	14367	141	35.94	\$399.81
Intel Core i7-6900K @ 3.20GHz	17691	74	17.20	\$1,028.83
Intel Core i7-6920HQ @ 2.90GHz	9610	318	16.92	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19955	46	14.15	\$1,409.90
Intel Core i7-7500U @ 2.70GHz	5164	751	NA	NA
Intel Core i7-7560U @ 2.40GHz	5871	656	NA	NA
Intel Core i7-7567U @ 3.50GHz	6496	594	NA	NA
Intel Core i7-7600U @ 2.80GHz	5071	768	NA	NA
Intel Core i7-7660U @ 2.50GHz	6048	640	NA	NA
Intel Core i7-7700 @ 3.60GHz	10739	241	33.56	\$319.99
Intel Core i7-7700HQ @ 2.80GHz	8826	392	NA	NA
Intel Core i7-7700K @ 4.20GHz	12037	204	35.51	\$339.00
Intel Core i7-7700T @ 2.90GHz	9275	350	11.03	\$841.00
Intel Core i7-7740X @ 4.30GHz	12268	197	20.45	\$599.99
Intel Core i7-7800X @ 3.50GHz	14582	137	42.89	\$339.99
Intel Core i7-7820HK @ 2.90GHz	10007	286	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9316	344	24.65	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18538	65	29.98	\$618.37
Intel Core i7-7900X @ 3.30GHz	20153	44	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10039	280	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8086K @ 4.00GHz	16673	86	30.15	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3287	1150	8.37	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8310	424	NA	NA
Intel Core i7-8559U @ 2.70GHz	12098	203	NA	NA
Intel Core i7-8565U @ 1.80GHz	9296	347	NA	NA
Intel Core i7-8650U @ 1.90GHz	8832	391	NA	NA
Intel Core i7-8700 @ 3.20GHz	15133	125	36.80	\$411.20
Intel Core i7-8700B @ 3.20GHz	14891	130	49.15	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15963	106	45.25	\$352.75
Intel Core i7-8700T @ 2.40GHz	12648	188	33.90	\$373.08*
Intel Core i7-8705G @ 3.10GHz	10025	282	NA	NA
Intel Core i7-8706G @ 3.10GHz	10512	250	NA	NA
Intel Core i7-8709G @ 3.10GHz	9536	321	NA	NA
Intel Core i7-8750H @ 2.20GHz	12465	193	31.56	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11020	230	NA	NA
Intel Core i7-8850H @ 2.60GHz	13152	174	33.30	\$395.00*
Intel Core i7-9700K @ 3.60GHz	17235	79	42.04	\$409.99
Intel Core i7-9800X @ 3.80GHz	19710	52	32.85	\$599.99
Intel Core i9-7900X @ 3.30GHz	21864	29	23.51	\$929.99
Intel Core i9-7920X @ 2.90GHz	23257	20	25.28	\$919.99
Intel Core i9-7940X @ 3.10GHz	25343	13	22.43	\$1,129.99
Intel Core i9-7960X @ 2.80GHz	25497	11	15.09	\$1,690.00
Intel Core i9-7980XE @ 2.60GHz	27907	6	13.89	\$2,008.71
Intel Core i9-8950HK @ 2.90GHz	14361	142	24.63	\$583.00*
Intel Core i9-9820X @ 3.30GHz	22262	25	26.19	\$849.99
Intel Core i9-9900K @ 3.60GHz	20156	43	38.03	\$529.99
Intel Core i9-9900X @ 3.50GHz	22443	22	22.44	\$999.99
Intel Core i9-9920X @ 3.50GHz	25721	9	21.45	\$1,199.00
Intel Core i9-9940X @ 3.30GHz	28310	4	20.24	\$1,399.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-9980XE @ 3.00GHz	29444	2	14.73	\$1,999.00
Intel Core m3-6Y30 @ 0.90GHz	3051	1226	10.86	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3560	1080	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3052	1225	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3411	1114	12.14	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3372	1130	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3252	1157	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3487	1097	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2702	1345	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1456	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2815	1305	10.02	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2774	1321	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2477	1424	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1235	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2990	1246	10.64	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2522	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2515	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2432	NA	NA
Intel Core Solo U1300 @ 1.06GHz	271	2676	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2669	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Solo U1500 @ 1.33GHz	330	2590	NA	NA
Intel E3000 @ 3.40GHz	2767	1323	NA	NA
Intel Pentium 4 1.40GHz	164	2776	NA	NA
Intel Pentium 4 1.50GHz	131	2793	NA	NA
Intel Pentium 4 1.60GHz	129	2795	NA	NA
Intel Pentium 4 1.70GHz	132	2792	NA	NA
Intel Pentium 4 1.80GHz	160	2779	NA	NA
Intel Pentium 4 1.90GHz	159	2780	NA	NA
Intel Pentium 4 2.00GHz	189	2758	NA	NA
Intel Pentium 4 2.20GHz	210	2739	NA	NA
Intel Pentium 4 2.26GHz	221	2728	NA	NA
Intel Pentium 4 2.40GHz	228	2721	NA	NA
Intel Pentium 4 2.50GHz	245	2706	NA	NA
Intel Pentium 4 2.53GHz	248	2702	NA	NA
Intel Pentium 4 2.60GHz	288	2648	NA	NA
Intel Pentium 4 2.66GHz	254	2694	NA	NA
Intel Pentium 4 2.80GHz	321	2596	NA	NA
Intel Pentium 4 2.93GHz	299	2630	NA	NA
Intel Pentium 4 3.00GHz	353	2567	NA	NA
Intel Pentium 4 3.06GHz	347	2571	NA	NA
Intel Pentium 4 3.20GHz	374	2538	NA	NA
Intel Pentium 4 3.40GHz	396	2517	NA	NA
Intel Pentium 4 3.46GHz	487	2412	NA	NA
Intel Pentium 4 3.60GHz	487	2413	NA	NA
Intel Pentium 4 3.73GHz	486	2416	NA	NA
Intel Pentium 4 3.80GHz	485	2418	NA	NA
Intel Pentium 4 3.83GHz	195	2753	NA	NA
Intel Pentium 4 4.00GHz	184	2763	NA	NA
Intel Pentium 4 1300MHz	119	2799	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1400MHz	127	2796	NA	NA
Intel Pentium 4 1500MHz	125	2797	NA	NA
Intel Pentium 4 1600MHz	193	2757	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2783	NA	NA
Intel Pentium 4 1800MHz	162	2778	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2786	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2752	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2769	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2741	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2772	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2740	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2748	NA	NA
Intel Pentium 5 2.66GHz	705	2293	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2076	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1160	2043	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2049	NA	NA
Intel Pentium 987 @ 1.50GHz	1228	2004	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	1907	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1333	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1234	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 2020M @ 2.40GHz	2277	1500	17.00	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2417	1442	18.04	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1660	1786	12.39	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1820	1703	13.58	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2100	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2307	1481	NA	NA
Intel Pentium 3556U @ 1.70GHz	1710	1751	NA	NA
Intel Pentium 3558U @ 1.70GHz	1681	1770	NA	NA
Intel Pentium 3560M @ 2.40GHz	2240	1517	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1984	NA	NA
Intel Pentium 3805U @ 1.90GHz	1980	1621	NA	NA
Intel Pentium 3825U @ 1.90GHz	2521	1406	NA	NA
Intel Pentium 4405U @ 2.10GHz	2926	1268	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1587	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2047	1591	12.72	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3158	1196	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2206	1527	13.70	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1814	NA	NA
Intel Pentium B940 @ 2.00GHz	1726	1741	57.66	\$29.94*
Intel Pentium B950 @ 2.10GHz	1715	1749	NA	NA
Intel Pentium B960 @ 2.20GHz	1853	1683	37.84	\$48.99*
Intel Pentium B970 @ 2.30GHz	1959	1630	38.44	\$50.99*
Intel Pentium B980 @ 2.40GHz	2035	1596	29.10	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1016	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	535	2380	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2323	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2353	NA	NA
Intel Pentium D 940 @ 3.20GHz	710	2291	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2276	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium D 960 @ 3.60GHz	817	2242	NA	NA
Intel Pentium E2140 @ 1.60GHz	868	2214	5.50	\$157.95
Intel Pentium E2160 @ 1.80GHz	996	2136	76.93	\$12.95
Intel Pentium E2180 @ 2.00GHz	1088	2081	54.40	\$20.00
Intel Pentium E2200 @ 2.20GHz	1203	2017	16.05	\$75.00
Intel Pentium E2210 @ 2.20GHz	1174	2031	NA	NA
Intel Pentium E2220 @ 2.40GHz	1330	1941	8.42	\$157.95
Intel Pentium E5200 @ 2.50GHz	1487	1869	16.54	\$89.95
Intel Pentium E5300 @ 2.60GHz	1538	1842	77.12	\$19.95
Intel Pentium E5400 @ 2.70GHz	1598	1821	10.12	\$157.95
Intel Pentium E5500 @ 2.80GHz	1641	1795	195.66	\$8.39
Intel Pentium E5700 @ 3.00GHz	1737	1737	11.00	\$157.95
Intel Pentium E5800 @ 3.20GHz	1893	1665	16.90	\$112.01
Intel Pentium E6300 @ 2.80GHz	1709	1753	14.64	\$116.74
Intel Pentium E6500 @ 2.93GHz	1761	1720	11.15	\$157.95
Intel Pentium E6600 @ 3.06GHz	1865	1679	18.66	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1941	1636	77.69	\$24.99
Intel Pentium E6800 @ 3.33GHz	1984	1618	39.70	\$49.99
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2198	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2156	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G620 @ 2.60GHz	2293	1490	57.35	\$39.99
Intel Pentium G620T @ 2.20GHz	2028	1598	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2371	1461	94.92	\$24.99
Intel Pentium G630T @ 2.30GHz	2089	1575	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2530	1402	101.27	\$24.99
Intel Pentium G640T @ 2.40GHz	1952	1633	NA	NA
Intel Pentium G645 @ 2.90GHz	2587	1380	27.23	\$95.00*
Intel Pentium G645T @ 2.50GHz	2288	1491	NA	NA
Intel Pentium G840 @ 2.80GHz	2561	1392	73.22	\$34.99*
Intel Pentium G850 @ 2.90GHz	2664	1357	88.83	\$29.99
Intel Pentium G860 @ 3.00GHz	2741	1334	33.03	\$82.99
Intel Pentium G870 @ 3.10GHz	2824	1301	29.12	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2592	1378	74.32	\$34.89
Intel Pentium G2020 @ 2.90GHz	2758	1329	95.51	\$28.88*
Intel Pentium G2020T @ 2.50GHz	2466	1427	51.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2871	1291	70.06	\$40.99
Intel Pentium G2030T @ 2.60GHz	2513	1411	39.27	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1311	NA	NA
Intel Pentium G2120 @ 3.10GHz	3081	1216	67.00	\$45.99
Intel Pentium G2130 @ 3.20GHz	3207	1175	40.09	\$79.99
Intel Pentium G2140 @ 3.30GHz	3384	1126	35.47	\$95.43
Intel Pentium G3220 @ 3.00GHz	3131	1201	26.11	\$119.95
Intel Pentium G3220T @ 2.60GHz	2567	1390	36.69	\$69.99
Intel Pentium G3240 @ 3.10GHz	3159	1195	25.30	\$124.89
Intel Pentium G3240T @ 2.70GHz	2874	1290	NA	NA
Intel Pentium G3250 @ 3.20GHz	3251	1159	29.57	\$109.99
Intel Pentium G3250T @ 2.80GHz	2965	1254	32.95	\$89.99
Intel Pentium G3258 @ 3.20GHz	3882	997	20.62	\$188.28
Intel Pentium G3260 @ 3.30GHz	3363	1132	22.42	\$149.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3260T @ 2.90GHz	2930	1265	32.56	\$89.99
Intel Pentium G3320TE @ 2.30GHz	2389	1454	NA	NA
Intel Pentium G3420 @ 3.20GHz	3398	1122	30.90	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1238	18.80	\$159.99
Intel Pentium G3430 @ 3.30GHz	3395	1124	37.74	\$89.99
Intel Pentium G3440 @ 3.30GHz	3309	1146	20.69	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1210	NA	NA
Intel Pentium G3450 @ 3.40GHz	3700	1047	37.01	\$99.99
Intel Pentium G3450T @ 2.90GHz	2967	1253	NA	NA
Intel Pentium G3460 @ 3.50GHz	3588	1071	12.45	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3717	1040	35.65	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3554	1081	31.65	\$112.29
Intel Pentium G4400T @ 2.90GHz	3219	1172	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1288	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3797	1019	38.82	\$97.81
Intel Pentium G4500T @ 3.00GHz	3471	1102	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	942	39.19	\$106.78
Intel Pentium G4560 @ 3.50GHz	4867	810	53.53	\$90.92
Intel Pentium G4560T @ 2.90GHz	4047	963	36.79	\$109.99
Intel Pentium G4600 @ 3.60GHz	5088	762	51.99	\$97.87

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4600T @ 3.00GHz	4272	923	24.10	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5204	743	45.79	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1859	1681	189.89	\$9.79
Intel Pentium G6951 @ 2.80GHz	2140	1550	22.77	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2083	1580	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5181	749	25.62	\$202.22
Intel Pentium Gold G5400T @ 3.10GHz	5048	777	78.89	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5241	740	33.34	\$157.23
Intel Pentium Gold G5500T @ 3.20GHz	4218	936	56.24	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5681	678	32.69	\$173.83
Intel Pentium III 933S @ 933MHz	238	2715	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2653	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2668	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2612	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2633	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2629	NA	NA
Intel Pentium III Mobile 750MHz	103	2802	NA	NA
Intel Pentium III Mobile 800MHz	182	2766	NA	NA
Intel Pentium III Mobile 866MHz	152	2784	NA	NA
Intel Pentium III Mobile 933MHz	218	2730	7.55	\$28.99*
Intel Pentium III Mobile 1000MHz	245	2705	NA	NA
Intel Pentium III Mobile 1066MHz	246	2704	NA	NA
Intel Pentium III Mobile 1133MHz	251	2698	NA	NA
Intel Pentium III Mobile 1200MHz	240	2712	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1692	NA	NA
Intel Pentium J2900 @ 2.41GHz	1963	1627	NA	NA
Intel Pentium J3710 @ 1.60GHz	1921	1647	NA	NA
Intel Pentium J4205 @ 1.50GHz	2302	1488	NA	NA
Intel Pentium M 1.10GHz	282	2659	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1.20GHz	298	2631	NA	NA
Intel Pentium M 1.30GHz	301	2623	NA	NA
Intel Pentium M 1.40GHz	345	2575	NA	NA
Intel Pentium M 1.50GHz	366	2552	NA	NA
Intel Pentium M 1.60GHz	364	2557	NA	NA
Intel Pentium M 1.70GHz	406	2500	NA	NA
Intel Pentium M 1.73GHz	412	2490	NA	NA
Intel Pentium M 1.80GHz	409	2493	NA	NA
Intel Pentium M 1.86GHz	438	2468	NA	NA
Intel Pentium M 2.00GHz	462	2440	NA	NA
Intel Pentium M 2.10GHz	448	2455	NA	NA
Intel Pentium M 2.13GHz	504	2401	NA	NA
Intel Pentium M 2.26GHz	509	2398	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2423	NA	NA
Intel Pentium M 900MHz	217	2733	NA	NA
Intel Pentium M 1000MHz	233	2718	NA	NA
Intel Pentium M 1100MHz	259	2689	NA	NA
Intel Pentium M 1200MHz	237	2716	NA	NA
Intel Pentium M 1300MHz	303	2618	NA	NA
Intel Pentium M 1400MHz	321	2597	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1500MHz	354	2564	NA	NA
Intel Pentium M 1600MHz	332	2587	NA	NA
Intel Pentium M 1700MHz	376	2537	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1854	NA	NA
Intel Pentium N3520 @ 2.16GHz	1806	1705	NA	NA
Intel Pentium N3530 @ 2.16GHz	1894	1664	NA	NA
Intel Pentium N3540 @ 2.16GHz	1930	1643	7.69	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1831	1696	4.12	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1861	1680	NA	NA
Intel Pentium N4200 @ 1.10GHz	2021	1602	9.04	\$223.66
Intel Pentium P6000 @ 1.87GHz	1245	1999	NA	NA
Intel Pentium P6100 @ 2.00GHz	1327	1943	110.60	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1347	1933	29.98	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1915	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2904	1277	13.21	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2431	1436	15.10	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2501	NA	NA
Intel Pentium SU4100 @ 1.30GHz	858	2220	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2228	NA	NA
Intel Pentium T2060 @ 1.60GHz	662	2312	NA	NA
Intel Pentium T2080 @ 1.73GHz	704	2295	4.40	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2290	NA	NA
Intel Pentium T2310 @ 1.46GHz	730	2279	NA	NA
Intel Pentium T2330 @ 1.60GHz	830	2235	NA	NA
Intel Pentium T2370 @ 1.73GHz	841	2230	24.04	\$35.00*
Intel Pentium T2390 @ 1.86GHz	945	2176	NA	NA
Intel Pentium T2410 @ 2.00GHz	978	2148	NA	NA
Intel Pentium T3200 @ 2.00GHz	1029	2112	85.81	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1112	2063	12.37	\$89.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T4200 @ 2.00GHz	1149	2047	95.80	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1235	2000	NA	NA
Intel Pentium T4400 @ 2.20GHz	1283	1970	NA	NA
Intel Pentium T4500 @ 2.30GHz	1335	1939	NA	NA
Intel Pentium U5400 @ 1.20GHz	812	2246	NA	NA
Intel Pentium U5600 @ 1.33GHz	943	2178	NA	NA
Intel T1200 @ 1.50GHz	435	2474	NA	NA
Intel T1400 @ 1.73GHz	929	2185	NA	NA
Intel T1500 @ 1.86GHz	953	2168	NA	NA
Intel T2050 @ 2.00GHz	959	2165	NA	NA
Intel Xeon 2.00GHz	233	2717	NA	NA
Intel XEON 2.20GHz	252	2696	NA	NA
Intel Xeon 2.40GHz	276	2671	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2473	NA	NA
Intel Xeon 2.80GHz	400	2512	NA	NA
Intel Xeon 3.00GHz	391	2525	NA	NA
Intel Xeon 3.06GHz	491	2408	NA	NA
Intel Xeon 3.20GHz	461	2443	NA	NA
Intel Xeon 3.40GHz	478	2426	NA	NA
Intel Xeon 3.60GHz	509	2397	0.60	\$851.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3.73GHz	1041	2107	NA	NA
Intel Xeon 3.80GHz	604	2342	0.71	\$851.00*
Intel Xeon 1500MHz	193	2756	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1969	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1313	1948	8.32	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1855	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1851	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1776	1716	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1691	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1833	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2091	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	1995	0.77	\$1,619.99
Intel Xeon 5130 @ 2.00GHz	1369	1920	43.53	\$31.46
Intel Xeon 5133 @ 2.20GHz	1598	1820	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1796	34.89	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1826	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1753	1725	16.86	\$103.99*
Intel Xeon 5160 @ 3.00GHz	1961	1628	153.03	\$12.82*
Intel Xeon @ 2.20GHz	1902	1659	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5664	682	24.11	\$234.89
Intel Xeon D-1518 @ 2.20GHz	5322	732	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	670	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	550	NA	NA
Intel Xeon D-1528 @ 1.90GHz	7946	456	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	310	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	478	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	247	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11069	227	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	446	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1567 @ 2.10GHz	14482	139	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13950	153	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	438	38.22	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	181	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	157	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18627	62	10.56	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6100	634	32.11	\$190.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6691	578	20.33	\$329.11
Intel Xeon E3-1220 v3 @ 3.10GHz	7107	538	29.07	\$244.50
Intel Xeon E3-1220 v5 @ 3.00GHz	7740	475	30.86	\$250.80
Intel Xeon E3-1220 v6 @ 3.00GHz	7843	465	36.48	\$214.99
Intel Xeon E3-1220L @ 2.20GHz	3563	1079	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	896	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1568	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5911	653	33.78	\$175.00*
Intel Xeon E3-1225 V2 @ 3.20GHz	6883	558	13.63	\$504.97
Intel Xeon E3-1225 v3 @ 3.20GHz	7213	527	15.74	\$458.34*
Intel Xeon E3-1225 v5 @ 3.30GHz	7824	467	29.19	\$268.04
Intel Xeon E3-1225 v6 @ 3.30GHz	8144	437	34.66	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7538	495	13.39	\$563.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1230 @ 3.20GHz	7850	463	43.37	\$181.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8856	387	25.15	\$352.10
Intel Xeon E3-1230 v3 @ 3.30GHz	9313	346	35.59	\$261.66*
Intel Xeon E3-1230 v5 @ 3.40GHz	9779	305	23.74	\$411.99*
Intel Xeon E3-1230 v6 @ 3.50GHz	9725	311	37.41	\$259.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	526	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9629	317	16.61	\$579.72
Intel Xeon E3-1235 @ 3.20GHz	7680	484	31.48	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	598	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7958	455	32.62	\$244.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9139	358	16.93	\$539.95
Intel Xeon E3-1240 v3 @ 3.40GHz	9660	315	25.13	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10391	254	30.41	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10258	262	34.92	\$293.78
Intel Xeon E3-1240L v3 @ 2.00GHz	7513	496	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	471	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10015	284	12.92	\$775.00*
Intel Xeon E3-1245 @ 3.30GHz	7995	454	30.75	\$260.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9131	359	15.03	\$607.59
Intel Xeon E3-1245 v3 @ 3.40GHz	9581	319	28.18	\$339.95*
Intel Xeon E3-1245 v5 @ 3.50GHz	10182	268	29.49	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10550	248	34.04	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9853	296	24.09	\$409.00
Intel Xeon E3-1260L @ 2.40GHz	6534	591	76.32	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10226	265	20.49	\$499.00*
Intel Xeon E3-1265L @ 2.40GHz	6038	642	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7739	476	54.35	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	9210	354	12.97	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	366	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	464	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	403	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	428	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9462	329	26.54	\$356.50
Intel Xeon E3-1270 v3 @ 3.50GHz	9899	293	26.76	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10334	259	27.63	\$374.00
Intel Xeon E3-1270 v6 @ 3.80GHz	11135	221	34.73	\$320.60
Intel Xeon E3-1271 v3 @ 3.60GHz	10089	274	11.36	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8328	423	27.40	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9447	335	23.93	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	9901	292	24.69	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10358	257	18.21	\$569.00
Intel Xeon E3-1275 v6 @ 3.80GHz	11110	222	30.86	\$359.99
Intel Xeon E3-1275L v3 @ 2.70GHz	8874	385	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10170	269	9.48	\$1,073.00
Intel Xeon E3-1280 @ 3.50GHz	8473	414	23.03	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9448	333	11.00	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9765	308	14.00	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	244	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	216	20.23	\$562.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1281 v3 @ 3.70GHz	10349	258	11.79	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10359	256	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10641	245	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	208	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	289	12.35	\$808.02
Intel Xeon E3-1285L v4 @ 3.40GHz	11048	228	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	294	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	324	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	400	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	314	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	610	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8920	381	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9843	297	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10093	273	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9313	345	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10598	246	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10451	252	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10765	238	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10743	240	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10689	243	24.02	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	520	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	506	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5556	692	21.16	\$262.59
Intel Xeon E5-1603 v3 @ 2.80GHz	6178	624	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6432	600	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5857	657	266.39	\$21.99*
Intel Xeon E5-1607 v2 @ 3.00GHz	6206	621	19.83	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6947	552	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	524	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1620 @ 3.60GHz	9049	367	27.43	\$329.93
Intel Xeon E5-1620 v2 @ 3.70GHz	9459	330	135.15	\$69.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9764	309	61.03	\$159.99
Intel Xeon E5-1620 v4 @ 3.50GHz	9922	290	32.43	\$305.95
Intel Xeon E5-1630 v3 @ 3.70GHz	10256	263	17.16	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10322	260	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11732	212	129.30	\$90.74
Intel Xeon E5-1650 v2 @ 3.50GHz	12722	185	109.45	\$116.24
Intel Xeon E5-1650 v3 @ 3.50GHz	13613	166	20.17	\$674.99
Intel Xeon E5-1650 v4 @ 3.60GHz	14237	146	22.60	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12364	195	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13758	159	7.61	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14565	138	9.01	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16192	100	13.17	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16345	93	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16431	90	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	80	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	70	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1089	10.37	\$339.97
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1113	18.09	\$189.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2407 @ 2.20GHz	4027	968	172.76	\$23.31*
Intel Xeon E5-2407 v2 @ 2.40GHz	4498	879	9.44	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	745	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	543	18.06	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8632	407	41.30	\$209.00
Intel Xeon E5-2430 @ 2.20GHz	6878	559	9.42	\$729.95
Intel Xeon E5-2430 v2 @ 2.50GHz	8833	390	28.50	\$310.00
Intel Xeon E5-2430L @ 2.00GHz	7269	523	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	584	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	355	166.73	\$55.05
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	337	18.48	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	377	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	267	27.61	\$369.00
Intel Xeon E5-2450L @ 1.80GHz	8261	425	103.28	\$79.99
Intel Xeon E5-2470 @ 2.30GHz	10061	278	31.77	\$316.72*
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	182	22.17	\$579.00
Intel Xeon E5-2603 @ 1.80GHz	3580	1075	16.61	\$215.55*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1027	122.76	\$30.68
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	750	25.90	\$199.99
Intel Xeon E5-2603 v4 @ 1.70GHz	5451	709	23.70	\$229.99*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	462	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4616	854	42.35	\$109.00
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	752	34.56	\$149.00
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	649	9.60	\$619.04
Intel Xeon E5-2609 v4 @ 1.70GHz	6890	557	19.15	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	200	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	136	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7919	459	72.86	\$108.69
Intel Xeon E5-2620 v2 @ 2.10GHz	8705	398	201.14	\$43.28
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2620 v3 @ 2.40GHz	10020	283	22.26	\$450.21
Intel Xeon E5-2620 v4 @ 2.10GHz	11367	217	28.78	\$395.00
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	380	22.07	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8368	420	15.24	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	339	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	207	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	176	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	229	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8867	386	75.12	\$118.05*
Intel Xeon E5-2630 v2 @ 2.60GHz	10382	255	157.49	\$65.92
Intel Xeon E5-2630 v3 @ 2.40GHz	12797	183	37.64	\$339.99
Intel Xeon E5-2630 v4 @ 2.20GHz	13884	155	21.04	\$659.99
Intel Xeon E5-2630L @ 2.00GHz	7865	461	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9006	374	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9476	328	12.60	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	180	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9447	334	15.54	\$607.99*
Intel Xeon E5-2637 v3 @ 3.50GHz	10144	270	7.83	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	251	9.75	\$1,073.78*
Intel Xeon E5-2640 @ 2.50GHz	9485	326	238.69	\$39.74

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2640 v2 @ 2.00GHz	10009	285	51.47	\$194.48
Intel Xeon E5-2640 v3 @ 2.60GHz	13924	154	11.71	\$1,188.74
Intel Xeon E5-2640 v4 @ 2.40GHz	15329	121	16.36	\$937.00
Intel Xeon E5-2643 @ 3.30GHz	8433	417	3.79	\$2,226.00*
Intel Xeon E5-2643 v2 @ 3.50GHz	12957	179	73.74	\$175.71
Intel Xeon E5-2643 v3 @ 3.40GHz	13844	156	5.52	\$2,509.95
Intel Xeon E5-2643 v4 @ 3.40GHz	13618	165	8.31	\$1,638.35
Intel Xeon E5-2648L @ 1.80GHz	7426	508	NA	NA
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	215	7.32	\$1,556.67
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	162	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	133	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10129	271	93.79	\$108.00
Intel Xeon E5-2650 v2 @ 2.60GHz	13111	175	52.66	\$249.00
Intel Xeon E5-2650 v3 @ 2.30GHz	14850	131	7.39	\$2,009.92*
Intel Xeon E5-2650 v4 @ 2.20GHz	15922	109	12.45	\$1,279.07*
Intel Xeon E5-2650L @ 1.80GHz	8676	404	109.83	\$79.00
Intel Xeon E5-2650L v2 @ 1.70GHz	9777	306	51.62	\$189.41
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	169	9.66	\$1,399.00
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	149	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	219	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	327	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	148	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	98	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	85	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11098	225	108.81	\$102.00
Intel Xeon E5-2660 v2 @ 2.20GHz	13327	172	66.07	\$201.71
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	101	8.95	\$1,808.95*
Intel Xeon E5-2660 v4 @ 2.00GHz	17069	81	9.70	\$1,760.00*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	151	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2665 @ 2.40GHz	11599	214	78.19	\$148.34*
Intel Xeon E5-2667 @ 2.90GHz	10400	253	46.02	\$226.00*
Intel Xeon E5-2667 v2 @ 3.30GHz	16240	99	21.27	\$763.56
Intel Xeon E5-2667 v3 @ 3.20GHz	16119	103	6.09	\$2,649.00
Intel Xeon E5-2667 v4 @ 3.20GHz	16447	89	7.46	\$2,205.57
Intel Xeon E5-2670 @ 2.60GHz	12134	201	122.58	\$98.99
Intel Xeon E5-2670 v2 @ 2.50GHz	14966	129	71.61	\$209.00
Intel Xeon E5-2670 v3 @ 2.30GHz	16303	97	10.37	\$1,572.00*
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	95	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16826	84	24.04	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	34	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15156	124	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	75	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	83	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	14	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12594	192	112.61	\$111.84
Intel Xeon E5-2680 v2 @ 2.80GHz	15877	112	63.76	\$249.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18585	63	18.73	\$992.31
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	49	11.28	\$1,762.90*
Intel Xeon E5-2682 v4 @ 2.50GHz	21066	40	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2683 v3 @ 2.00GHz	17404	77	8.77	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	59	9.12	\$2,087.48*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	127	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	58	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	50	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14381	140	34.49	\$417.00
Intel Xeon E5-2687W v2 @ 3.40GHz	16484	88	7.83	\$2,105.59*
Intel Xeon E5-2687W v3 @ 3.10GHz	17720	73	5.89	\$3,008.95*
Intel Xeon E5-2687W v4 @ 3.00GHz	19925	48	8.64	\$2,307.31*
Intel Xeon E5-2689 @ 2.60GHz	13427	171	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19931	47	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13685	161	86.07	\$159.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16426	91	50.42	\$325.81
Intel Xeon E5-2690 v3 @ 2.60GHz	19270	57	8.70	\$2,215.86*
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	36	9.07	\$2,350.88*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	105	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15792	114	8.87	\$1,779.95*
Intel Xeon E5-2695 v3 @ 2.30GHz	20081	45	9.99	\$2,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	42	7.87	\$2,573.17*
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	87	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22427	23	8.98	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21088	39	7.01	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17407	76	8.81	\$1,974.91
Intel Xeon E5-2697 v3 @ 2.60GHz	21365	35	29.07	\$735.00
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	32	7.72	\$2,790.05*
Intel Xeon E5-2697A v4 @ 2.60GHz	21875	28	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21133	38	6.17	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	30	6.77	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	24	4.97	\$4,505.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2699 v4 @ 2.20GHz	23200	21	5.16	\$4,492.33
Intel Xeon E5-4603 @ 2.00GHz	5014	785	2.65	\$1,890.99*
Intel Xeon E5-4617 @ 2.90GHz	9029	369	100.44	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	440	43.00	\$189.00*
Intel Xeon E5-4627 v3 @ 2.60GHz	14247	145	5.94	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	116	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	249	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	186	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	226	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11848	210	124.08	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	211	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	196	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	111	5.30	\$3,000.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15556	115	3.24	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	164	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1204	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2165	1542	94.20	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1438	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1516	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1904	148.77	\$9.42*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5240 @ 3.00GHz	2424	1439	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1506	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1492	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1410	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2923	1270	73.12	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2850	1295	48.31	\$59.00*
Intel Xeon E5410 @ 2.33GHz	3268	1154	105.42	\$31.00*
Intel Xeon E5420 @ 2.50GHz	3499	1094	13.46	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3773	1025	104.82	\$36.00*
Intel Xeon E5440 @ 2.83GHz	3976	980	33.15	\$119.95*
Intel Xeon E5450 @ 3.00GHz	4192	939	18.23	\$229.95*
Intel Xeon E5462 @ 2.80GHz	3870	999	141.78	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4122	955	75.23	\$54.80*
Intel Xeon E5502 @ 1.87GHz	1378	1916	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1906	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2694	1347	38.52	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2977	1251	196.29	\$15.17*
Intel Xeon E5507 @ 2.27GHz	3137	1199	6.87	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4435	889	147.90	\$29.99*
Intel Xeon E5530 @ 2.40GHz	4605	859	153.53	\$30.00*
Intel Xeon E5540 @ 2.53GHz	4758	829	80.66	\$59.00*
Intel Xeon E5603 @ 1.60GHz	2366	1466	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3049	1229	13.92	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3387	1125	15.47	\$219.00*
Intel Xeon E5620 @ 2.40GHz	4810	818	352.45	\$13.65*
Intel Xeon E5630 @ 2.53GHz	5088	763	28.27	\$179.95*
Intel Xeon E5640 @ 2.67GHz	5256	738	88.36	\$59.49*
Intel Xeon E5645 @ 2.40GHz	6477	597	27.00	\$239.95
Intel Xeon E5649 @ 2.53GHz	6936	554	60.31	\$115.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E7320 @ 2.13GHz	2413	1443	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	466	40.54	\$193.00*
Intel Xeon E-2124G @ 3.40GHz	9840	298	46.20	\$213.00*
Intel Xeon E-2134 @ 3.50GHz	10310	261	40.28	\$256.00*
Intel Xeon E-2136 @ 3.30GHz	15960	107	56.20	\$284.00*
Intel Xeon E-2146G @ 3.50GHz	16149	102	51.93	\$311.00*
Intel Xeon E-2174G @ 3.80GHz	12130	202	31.54	\$384.63
Intel Xeon E-2176G @ 3.70GHz	15335	120	42.36	\$362.00*
Intel Xeon E-2176M @ 2.70GHz	13958	152	31.02	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	15406	117	34.24	\$450.00*
Intel Xeon E-2186M @ 2.90GHz	14671	134	23.55	\$623.00*
Intel Xeon Gold 5118 @ 2.30GHz	16389	92	11.95	\$1,371.05*
Intel Xeon Gold 5120 @ 2.20GHz	16308	96	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	71	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	11104	224	8.66	\$1,282.13
Intel Xeon Gold 6126 @ 2.60GHz	19711	51	10.21	\$1,931.39*
Intel Xeon Gold 6128 @ 3.40GHz	15022	126	8.15	\$1,842.27*
Intel Xeon Gold 6130 @ 2.10GHz	19277	56	9.99	\$1,930.58
Intel Xeon Gold 6132 @ 2.60GHz	23907	19	10.88	\$2,198.00*
Intel Xeon Gold 6134 @ 3.20GHz	18083	72	7.94	\$2,279.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 6136 @ 3.00GHz	21018	41	7.85	\$2,677.82*
Intel Xeon Gold 6138 @ 2.00GHz	25416	12	9.56	\$2,659.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	18	9.25	\$2,589.99*
Intel Xeon Gold 6144 @ 3.50GHz	19654	53	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	15	6.87	\$3,658.34*
Intel Xeon Gold 6154 @ 3.00GHz	27722	7	7.22	\$3,839.78*
Intel Xeon L3110 @ 3.00GHz	2273	1503	NA	NA
Intel Xeon L3360 @ 2.83GHz	3864	1001	43.31	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1937	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	1007	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1701	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1505	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1501	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1552	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1330	56.25	\$49.00*
Intel Xeon L5408 @ 2.13GHz	3037	1231	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1131	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3503	1093	127.42	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3716	1041	23.53	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1042	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	902	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	909	311.73	\$13.96*
Intel Xeon L5630 @ 2.13GHz	4369	905	252.11	\$17.33*
Intel Xeon L5638 @ 2.00GHz	5556	693	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	561	NA	NA
Intel Xeon L5640 @ 2.27GHz	6358	612	212.17	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1008	NA	NA
Intel Xeon MV 3.20GHz	683	2306	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26652	8	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Platinum 8168 @ 2.70GHz	31799	1	5.40	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	3	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	5	NA	NA
Intel Xeon Silver 4108 @ 1.80GHz	10883	235	23.79	\$457.51*
Intel Xeon Silver 4109T @ 2.00GHz	10854	237	21.67	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	12020	205	22.26	\$539.99
Intel Xeon Silver 4112 @ 2.60GHz	8611	408	16.56	\$519.96
Intel Xeon Silver 4114 @ 2.20GHz	14304	144	18.82	\$759.95
Intel Xeon Silver 4116 @ 2.10GHz	15320	122	13.67	\$1,121.16*
Intel Xeon Silver 4123 @ 3.00GHz	15185	123	NA	NA
Intel Xeon W3503 @ 2.40GHz	1754	1724	108.17	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1854	1682	NA	NA
Intel Xeon W3520 @ 2.67GHz	5057	773	175.91	\$28.75*
Intel Xeon W3530 @ 2.80GHz	5359	724	18.23	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	703	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5696	676	95.02	\$59.95*
Intel Xeon W3565 @ 3.20GHz	5943	648	84.97	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6076	638	12.66	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6404	606	29.86	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8150	436	16.30	\$499.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W3680 @ 3.33GHz	9070	365	11.94	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9142	357	9.14	\$1,000.00*
Intel Xeon W5580 @ 3.20GHz	5836	662	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	623	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	7030	545	20.80	\$337.99*
Intel Xeon W-2104 @ 3.20GHz	7439	503	29.17	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10732	242	31.54	\$340.35
Intel Xeon W-2125 @ 4.00GHz	12380	194	24.72	\$500.88
Intel Xeon W-2133 @ 3.60GHz	14074	150	22.81	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16326	94	15.91	\$1,026.32*
Intel Xeon W-2140B @ 3.20GHz	18541	64	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19617	54	15.04	\$1,304.26*
Intel Xeon W-2150B @ 3.00GHz	21522	33	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21815	31	14.25	\$1,530.39*
Intel Xeon W-2195 @ 2.30GHz	24983	16	8.97	\$2,786.22
Intel Xeon X3210 @ 2.13GHz	2739	1335	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1213	14.71	\$209.95*
Intel Xeon X3230 @ 2.66GHz	3398	1121	9.44	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3309	1145	14.42	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3167	1185	163.59	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3379	1128	16.09	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3847	1004	64.14	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1003	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3954	985	25.04	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3994	973	117.16	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	922	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	843	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3357	1133	159.49	\$21.05*
Intel Xeon X3440 @ 2.53GHz	4539	872	20.17	\$225.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3450 @ 2.67GHz	4783	827	59.83	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5117	756	14.33	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5123	755	10.05	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	683	NA	NA
Intel Xeon X5260 @ 3.33GHz	2453	1429	17.62	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2535	1400	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1453	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3223	1168	78.63	\$41.00*
Intel Xeon X5365 @ 3.00GHz	3491	1095	35.09	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4115	956	82.33	\$49.99*
Intel Xeon X5460 @ 3.16GHz	4330	913	43.40	\$99.78*
Intel Xeon X5470 @ 3.33GHz	4603	860	24.36	\$189.00*
Intel Xeon X5472 @ 3.00GHz	3989	976	17.73	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4537	875	45.38	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4844	816	3.48	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5387	719	311.96	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5399	718	93.17	\$57.95*
Intel Xeon X5570 @ 2.93GHz	5679	679	63.81	\$89.00*
Intel Xeon X5647 @ 2.93GHz	5980	644	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7404	511	266.43	\$27.79

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5660 @ 2.80GHz	7610	491	80.00	\$95.13
Intel Xeon X5667 @ 3.07GHz	6291	615	79.63	\$79.00*
Intel Xeon X5670 @ 2.93GHz	7920	458	132.04	\$59.99
Intel Xeon X5672 @ 3.20GHz	6419	604	22.63	\$283.72*
Intel Xeon X5675 @ 3.07GHz	8250	426	103.14	\$79.99
Intel Xeon X5677 @ 3.47GHz	6982	549	66.50	\$105.00*
Intel Xeon X5679 @ 3.20GHz	8845	388	NA	NA
Intel Xeon X5680 @ 3.33GHz	8544	411	76.29	\$112.00
Intel Xeon X5687 @ 3.60GHz	7081	539	129.97	\$54.49
Intel Xeon X5690 @ 3.47GHz	8894	382	59.70	\$149.00
Intel Xeon X5698 @ 4.40GHz	4272	924	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1250	NA	NA
Mobile AMD Athlon 4	314	2605	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2561	NA	NA
Mobile AMD Athlon 64 2700+	398	2513	NA	NA
Mobile AMD Athlon 64 2800+	440	2463	NA	NA
Mobile AMD Athlon 64 3000+	450	2452	NA	NA
Mobile AMD Athlon 64 3200+	448	2456	NA	NA
Mobile AMD Athlon 64 3400+	511	2396	NA	NA
Mobile AMD Athlon 64 3700+	435	2475	NA	NA
Mobile AMD Athlon 64 4000+	576	2356	NA	NA
Mobile AMD Athlon 1400+	266	2682	NA	NA
Mobile AMD Athlon 2500+	370	2546	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2683	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2535	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2637	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2406	NA	NA
Mobile AMD Athlon XP	572	2361	45.81	\$12.49*
Mobile AMD Athlon XP-M	512	2395	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M 1400+	184	2764	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2686	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2690	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2594	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2632	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2579	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2625	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2556	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2574	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2572	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2545	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2554	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2553	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2466	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2414	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2399	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2644	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2636	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2584	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2543	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M (LV) 2800+	475	2429	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2400	NA	NA
Mobile AMD Sempron 2100+	252	2697	NA	NA
Mobile AMD Sempron 2600+	394	2520	NA	NA
Mobile AMD Sempron 2800+	361	2559	NA	NA
Mobile AMD Sempron 3000+	389	2529	NA	NA
Mobile AMD Sempron 3100+	416	2487	NA	NA
Mobile AMD Sempron 3200+	354	2565	NA	NA
Mobile AMD Sempron 3300+	445	2459	NA	NA
Mobile AMD Sempron 3400+	440	2464	NA	NA
Mobile AMD Sempron 3500+	408	2498	NA	NA
Mobile AMD Sempron 3600+	427	2483	NA	NA
Mobile AMD Sempron 3800+	485	2419	NA	NA
Mobile Intel Celeron 1.20GHz	170	2775	NA	NA
Mobile Intel Celeron 1.50GHz	188	2759	NA	NA
Mobile Intel Celeron 1.60GHz	188	2760	NA	NA
Mobile Intel Celeron 1.70GHz	181	2768	NA	NA
Mobile Intel Celeron 1.80GHz	186	2762	NA	NA
Mobile Intel Celeron 2.00GHz	204	2744	NA	NA
Mobile Intel Celeron 2.20GHz	226	2724	NA	NA
Mobile Intel Celeron 2.40GHz	239	2713	NA	NA
Mobile Intel Celeron 2.50GHz	281	2662	NA	NA
Mobile Intel Celeron 1200MHz	294	2638	NA	NA
Mobile Intel Celeron 1333MHz	280	2665	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2670	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2685	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2667	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2603	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2582	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 3.20GHz	356	2562	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2467	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2427	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2754	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2774	0.55	\$316.95
Mobile Intel Pentium 4 - M 1.80GHz	175	2771	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2719	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2749	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2751	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2735	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2692	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2607	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2738	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2750	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2701	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2642	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2725	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2643	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1416	NA	NA
Quad-Core AMD Opteron 1385	3442	1109	63.75	\$54.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Quad-Core AMD Opteron 1389	3427	1111	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1269	NA	NA
VIA C3 Ezra	100	2803	NA	NA
VIA C7 1500MHz	284	2654	NA	NA
VIA C7-D 1500MHz	287	2650	NA	NA
VIA C7-D 1800MHz	203	2746	NA	NA
VIA C7-D 2000MHz	368	2549	NA	NA
VIA C7-M 1000MHz	164	2777	NA	NA
VIA C7-M 1200MHz	140	2790	NA	NA
VIA C7-M 1600MHz	178	2770	NA	NA
VIA C7-M 6300MHz	222	2727	NA	NA
VIA Eden 800MHz	155	2781	NA	NA
VIA Eden 1000MHz	123	2798	NA	NA
VIA Eden 1200MHz	142	2789	NA	NA
VIA Eden C1050@1.06GHz	352	2568	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2425	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	2050	NA	NA
VIA Esther 1000MHz	146	2788	NA	NA
VIA Esther 1300MHz	250	2699	NA	NA
VIA Esther 1500MHz	219	2729	NA	NA
VIA Esther 2000MHz	394	2519	NA	NA
VIA Nano L1900@1400MHz	457	2446	NA	NA
VIA Nano L2007@1600MHz	369	2547	NA	NA
VIA Nano L2100@1800MHz	428	2481	NA	NA
VIA Nano L2207@1600MHz	296	2635	NA	NA
VIA Nano L3025@1600MHz	517	2390	NA	NA
VIA Nano L3050@1800MHz	581	2354	NA	NA
VIA Nano L3600@2000MHz	645	2320	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2536	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano U2250@1300+MHz	274	2674	NA	NA
VIA Nano U2500@1200MHz	306	2617	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2403	NA	NA
VIA Nano U3300@1200MHz	409	2492	NA	NA
VIA Nano U3500@1000MHz	275	2672	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2340	NA	NA
VIA Nehemiah	155	2782	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1662	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1922	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2032	NA	NA
VIA Samuel 2	79	2805	NA	NA

* - Last price seen from our affiliates.

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Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	285	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	119	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	388	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	394	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	440	NA	NA
[Dual CPU] AMD EPYC 7281	12720	170	9.22	\$1,379.74
[Dual CPU] AMD EPYC 7371	23933	59	NA	NA
[Dual CPU] AMD EPYC 7401	23518	63	5.85	\$4,021.40
[Dual CPU] AMD EPYC 7451	28957	28	4.37	\$6,626.46
[Dual CPU] AMD EPYC 7501	27504	38	3.16	\$8,700.64
[Dual CPU] AMD EPYC 7551	30966	20	4.06	\$7,627.98
[Dual CPU] AMD EPYC 7601	33545	14	3.68	\$9,115.24
[Dual CPU] AMD Opteron 246	1130	429	28.26	\$39.98
[Dual CPU] AMD Opteron 248	1053	430	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	426	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1385	427	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	435	NA	NA
[Dual CPU] AMD Opteron 256	1853	423	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	421	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	417	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	420	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	412	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	403	NA	NA
[Dual CPU] AMD Opteron 290	2807	400	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	398	NA	NA
[Dual CPU] AMD Opteron 2212	2203	418	91.79	\$24.00*
[Dual CPU] AMD Opteron 2214	2344	413	40.41	\$58.00
[Dual CPU] AMD Opteron 2214 HE	2463	410	NA	NA
[Dual CPU] AMD Opteron 2216	2485	409	54.02	\$46.00
[Dual CPU] AMD Opteron 2216 HE	2593	406	NA	NA
[Dual CPU] AMD Opteron 2218	2719	404	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	407	NA	NA
[Dual CPU] AMD Opteron 2220	2853	397	0.97	\$2,950.32*
[Dual CPU] AMD Opteron 2220 SE	2882	396	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	392	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	386	45.30	\$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	376	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	383	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	377	7.55	\$539.98*
[Dual CPU] AMD Opteron 2354	4554	365	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	368	148.53	\$29.90
[Dual CPU] AMD Opteron 2360 SE	5315	347	98.43	\$54.00
[Dual CPU] AMD Opteron 2373 EE	4164	373	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	361	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	348	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	346	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	334	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	330	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	320	NA	NA
[Dual CPU] AMD Opteron 2389	5677	335	48.11	\$118.00

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2419	5191	350	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	322	NA	NA
[Dual CPU] AMD Opteron 2427	5907	331	29.83	\$198.00
[Dual CPU] AMD Opteron 2431	6438	314	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7060	300	18.68	\$378.00
[Dual CPU] AMD Opteron 2439 SE	8071	270	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	378	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	337	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	317	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	315	33.18	\$191.88
[Dual CPU] AMD Opteron 4184	7848	276	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	269	80.90	\$99.98
[Dual CPU] AMD Opteron 4228 HE	7986	272	NA	NA
[Dual CPU] AMD Opteron 4234	9361	239	20.35	\$459.98
[Dual CPU] AMD Opteron 4276 HE	9681	232	NA	NA
[Dual CPU] AMD Opteron 4280	4525	366	45.26	\$99.98
[Dual CPU] AMD Opteron 4284	8772	251	73.11	\$119.98
[Dual CPU] AMD Opteron 4334	9456	238	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	211	21.71	\$479.98
[Dual CPU] AMD Opteron 4376 HE	10244	219	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	196	40.57	\$279.98
[Dual CPU] AMD Opteron 6128	6881	305	163.91	\$41.98
[Dual CPU] AMD Opteron 6128 HE	5582	340	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	254	NA	NA
[Dual CPU] AMD Opteron 6134	7586	287	86.22	\$87.98
[Dual CPU] AMD Opteron 6136	7255	294	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	353	NA	NA
[Dual CPU] AMD Opteron 6168	7741	282	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7621	286	38.49	\$198.00
[Dual CPU] AMD Opteron 6174	7853	275	39.66	\$198.00
[Dual CPU] AMD Opteron 6176 SE	8448	259	26.57	\$318.00
[Dual CPU] AMD Opteron 6180 SE	3114	389	NA	NA
[Dual CPU] AMD Opteron 6204	7134	297	50.96	\$139.98
[Dual CPU] AMD Opteron 6212	8955	245	149.30	\$59.98
[Dual CPU] AMD Opteron 6220	10740	206	89.51	\$119.98
[Dual CPU] AMD Opteron 6234	10079	223	72.00	\$139.98*
[Dual CPU] AMD Opteron 6238	10349	213	86.26	\$119.98
[Dual CPU] AMD Opteron 6272	10008	226	83.41	\$119.98
[Dual CPU] AMD Opteron 6274	10536	209	22.04	\$478.00
[Dual CPU] AMD Opteron 6275	10900	205	NA	NA
[Dual CPU] AMD Opteron 6276	10194	221	63.72	\$159.98
[Dual CPU] AMD Opteron 6284 SE	11985	184	17.12	\$699.98
[Dual CPU] AMD Opteron 6308	8351	261	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10716	207	19.92	\$538.00
[Dual CPU] AMD Opteron 6328	11842	186	29.61	\$399.98
[Dual CPU] AMD Opteron 6344	11203	200	13.83	\$809.96
[Dual CPU] AMD Opteron 6348	11412	193	28.53	\$399.98
[Dual CPU] AMD Opteron 6376	10405	212	80.04	\$130.00
[Dual CPU] AMD Opteron 6378	2905	395	7.26	\$399.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6380	14200	155	71.01	\$199.98
[Dual CPU] AMD Opteron 6386 SE	11081	201	36.94	\$299.98
[Dual CPU] AMD Opteron 8218	2831	399	67.40	\$42.00
[Dual CPU] AMD Opteron 8220	2510	408	NA	NA
[Dual CPU] AMD Opteron 8222 SE	2793	402	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	387	73.25	\$44.00
[Dual CPU] AMD Opteron 8380	5643	338	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	349	NA	NA
[Dual CPU] AMD Opteron 8389	6517	311	41.25	\$158.00
[Dual CPU] AMD Opteron 8431	5813	332	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	308	46.80	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	284	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	428	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	415	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	382	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	274	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	449	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	447	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	443	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	445	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	450	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	451	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	448	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	446	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	441	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	687	437	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	780	436	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	439	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	434	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	433	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	432	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	422	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	431	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2152	419	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	414	0.71	\$3,239.98
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2615	405	41.56	\$62.92
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	390	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2984	393	31.75	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	391	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3439	384	16.54	\$207.98*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3834	380	149.53	\$25.64*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8987	243	19.13	\$469.78
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11245	199	16.06	\$699.98*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	323	9.12	\$679.94
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	319	16.68	\$378.00
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7486	289	160.57	\$46.62*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	242	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11387	195	14.60	\$780.04*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11738	189	28.08	\$418.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	263	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	160	9.34	\$1,459.90
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	157	22.20	\$620.00
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	194	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	175	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	169	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	158	18.59	\$738.00
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	130	18.86	\$878.00*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	190	73.23	\$159.98
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	129	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	113	16.04	\$1,158.00
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	318	14.71	\$431.10*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	310	106.26	\$61.36
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8385	260	20.96	\$399.98
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8846	249	19.23	\$459.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8220	266	37.71	\$218.00
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8871	248	29.77	\$298.00
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9984	227	8.06	\$1,238.08
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	204	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12338	176	56.76	\$217.38
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13397	166	154.77	\$86.56
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15249	143	16.94	\$900.42
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16496	131	20.88	\$790.00
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14238	153	17.58	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	173	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	149	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13595	165	57.58	\$236.10*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15996	136	121.33	\$131.84
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18487	114	27.19	\$679.98
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18870	111	14.30	\$1,319.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	202	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	161	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	144	10.10	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	292	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15903	138	13.08	\$1,215.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16437	132	6.34	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16656	128	7.76	\$2,147.56*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14651	148	184.34	\$79.48
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14568	150	37.45	\$388.96
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20228	98	8.51	\$2,377.48
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20765	94	11.08	\$1,874.00
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13653	159	3.07	\$4,452.00*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21069	89	59.95	\$351.42
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21083	88	4.20	\$5,019.90
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21552	81	6.58	\$3,276.70
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	179	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	11808	187	3.99	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	118	5.81	\$3,113.34

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15001	145	69.45	\$216.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18976	110	38.10	\$498.00
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20362	97	5.07	\$4,019.84*
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20528	96	8.02	\$2,558.14*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	152	91.04	\$158.00
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14506	151	38.29	\$378.82
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	92	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13319	167	4.56	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	112	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	107	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16327	133	80.03	\$204.00
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18158	117	45.01	\$403.42
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22592	74	6.24	\$3,617.90*
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23128	70	6.57	\$3,520.00*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	69	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17346	121	58.47	\$296.68*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	52	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17003	124	37.62	\$452.00*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22332	78	14.62	\$1,527.12
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23109	71	4.36	\$5,298.00
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23927	60	5.42	\$4,411.14
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18187	116	91.86	\$197.98
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20936	91	50.09	\$418.00
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	77	7.12	\$3,144.00*
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	65	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	68	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	26	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	100	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	83	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	25	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18209	115	81.41	\$223.68
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21414	84	43.00	\$498.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24795	54	12.49	\$1,984.62
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	66	6.63	\$3,525.80*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	126	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21159	87	5.33	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	51	5.99	\$4,174.96*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	79	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	41	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	30	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20971	90	25.15	\$834.00
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23312	67	5.54	\$4,211.18*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24146	57	4.01	\$6,017.90*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26677	42	5.78	\$4,614.62*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	102	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	45	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19676	103	61.87	\$318.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23691	62	36.36	\$651.62
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25757	48	5.81	\$4,431.72*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27561	36	5.86	\$4,701.76*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20858	93	5.86	\$3,559.90*
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	53	6.18	\$4,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	49	4.98	\$5,146.34*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23914	61	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	23	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31434	18	5.22	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23443	64	5.94	\$3,949.82
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28246	33	19.21	\$1,470.00
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30631	22	5.49	\$5,580.10*
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	34	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29958	24	4.37	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	16	5.00	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	58	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26333	43	2.92	\$9,011.90*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	13	3.79	\$8,984.66
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	95	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	105	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	139	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	108	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	104	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19127	109	100.15	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	146	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	208	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	75	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	39	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	180	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	141	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	76	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7-2870 @ 2.40GHz	12016	183	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7-4870 @ 2.40GHz	16047	134	42.45	\$378.00
[Dual CPU] Intel Xeon E7-8837 @ 2.67GHz	10044	225	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	416	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	379	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3566	381	36.39	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4160	374	53.68	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	356	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4593	364	129.23	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5126	352	64.09	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5175	351	43.86	\$118.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6024	327	97.16	\$62.00*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6355	316	12.22	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6849	307	95.13	\$72.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7161	296	29.85	\$239.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7536	288	16.39	\$459.90*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7112	298	130.26	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7836	279	71.50	\$109.60*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	411	12.93	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	401	4.88	\$574.02*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4891	358	34.96	\$139.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5008	355	165.06	\$30.34*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5434	343	5.95	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7425	291	123.79	\$59.98*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	283	128.40	\$60.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	277	66.51	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	375	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5548	341	12.67	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5992	328	13.68	\$438.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8066	271	295.46	\$27.30*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8308	264	23.08	\$359.90*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8790	250	73.88	\$118.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10319	216	21.50	\$479.90
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10310	217	44.83	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	342	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	345	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	21833	80	7.99	\$2,731.06*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	56	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	86	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	21505	82	7.84	\$2,742.10*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25997	47	8.33	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17491	120	6.82	\$2,564.26
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27262	40	7.06	\$3,862.78*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22869	72	6.21	\$3,684.54*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	22620	73	5.86	\$3,861.16
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	37	6.26	\$4,396.00*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25479	50	5.59	\$4,558.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	28778	31	5.37	\$5,355.64*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	35	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35063	11	6.59	\$5,319.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	33297	15	6.43	\$5,179.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	29	4.70	\$6,137.98
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28770	32	4.92	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29158	27	3.99	\$7,316.68*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	37650	4	6.41	\$5,870.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	19	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35387	10	4.56	\$7,752.38*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36640	5	4.77	\$7,679.56*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	367	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	371	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	359	49.91	\$98.00*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	339	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	324	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	313	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	326	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	357	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	304	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	303	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	273	284.35	\$27.92*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	302	202.14	\$34.66*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	246	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	234	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9662	233	161.19	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	442	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	444	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	438	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	424	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	6	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	35823	8	2.32	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39104	3	3.32	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	9	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	7	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	34585	12	1.73	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15702	140	17.16	\$915.02*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	17003	125	15.74	\$1,079.98
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	163	13.09	\$1,039.92
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19464	106	12.81	\$1,519.90
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	19929	101	8.89	\$2,242.32*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	222	47.23	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	214	2.06	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	218	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	362	17.08	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	363	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	360	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5770	333	70.37	\$82.00*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6227	321	31.29	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7451	290	74.52	\$99.98*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7847	278	39.32	\$199.56*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8156	268	21.58	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7780	280	17.29	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8197	267	40.99	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8688	253	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8971	244	259.73	\$34.54*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	240	78.38	\$115.90*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9533	237	53.56	\$178.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	229	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11340	197	204.03	\$55.58
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11654	191	61.25	\$190.26
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10334	215	65.41	\$158.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12277	178	102.33	\$119.98
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	224	17.76	\$567.44*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12593	172	78.72	\$159.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11302	198	53.82	\$210.00*


CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	162	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13595	164	60.69	\$224.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11984	185	109.97	\$108.98
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13798	156	46.30	\$298.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	258	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	309	91.61	\$71.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	252	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	228	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11794	188	268.05	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	372	59.59	\$70.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	354	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	370	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	369	199.09	\$21.98*
[Dual CPU] Quad-Core AMD Opteron 8378	5382	344	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	306	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	336	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	329	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	262	NA	NA
[Quad CPU] AMD Opteron 6136	9767	230	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	256	21.70	\$396.00
[Quad CPU] AMD Opteron 6272	12292	177	51.23	\$239.96
[Quad CPU] AMD Opteron 6274	10488	210	10.97	\$956.00
[Quad CPU] AMD Opteron 6276	15342	142	47.95	\$319.96
[Quad CPU] AMD Opteron 6278	12055	182	23.18	\$519.96
[Quad CPU] AMD Opteron 6282 SE	11044	203	21.24	\$519.96
[Quad CPU] AMD Opteron 6376	14681	147	56.47	\$260.00
[Quad CPU] AMD Opteron 6380	12442	174	31.11	\$399.96
[Quad CPU] AMD Opteron 8360 SE	6490	312	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	325	NA	NA
[Quad CPU] AMD Opteron 8382	8553	257	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	293	NA	NA
[Quad CPU] AMD Opteron 8431	8252	265	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	299	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	247	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	425	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	385	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	127	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	137	21.06	\$756.00*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	55	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	85	55.95	\$381.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	44	1.81	\$14,464.00*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	21	1.63	\$18,908.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	99	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	135	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	17	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	123	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	122	131.38	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14223	154	18.81	\$756.00
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	171	15.87	\$799.96*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	301	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	281	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	220	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	235	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	241	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	46	5.10	\$5,128.52
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	2	2.63	\$15,504.76*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	231	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	1	1.10	\$40,060.00*
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	236	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12068	181	4.26	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	255	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	192	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	13145	168	149.38	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	295	163.10	\$43.96*

* - Last price seen from our affiliates.

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