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[Software](#)
[Hardware](#)
[Benchmarks](#)
[Services](#)
[Store](#)
[Support](#)
[Forums](#)
[About Us](#)

[Home](#) » [CPU Benchmarks](#) » [CPU List](#)

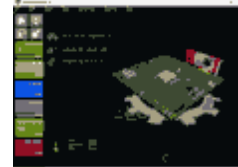
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[RAM](#)
[PC Systems](#)
[Android](#)
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CPU List

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	2559	NA	NA
AMD A4 Micro-6400T APU	1544	1749	NA	NA
AMD A4 PRO-3340B	2402	1369	NA	NA
AMD A4 PRO-7300B APU	2318	1393	NA	NA
AMD A4 PRO-7350B	2794	1239	NA	NA
AMD A4-1200 APU	641	2236	NA	NA
AMD A4-1250 APU	611	2249	NA	NA
AMD A4-3300 APU	1506	1771	116.00	\$12.99
AMD A4-3300M APU	1184	1937	39.50	\$29.99*
AMD A4-3305M APU	1221	1919	40.73	\$30.00*
AMD A4-3310MX APU	1291	1873	NA	NA
AMD A4-3320M APU	1253	1900	36.88	\$34.00
AMD A4-3330MX APU	1217	1920	NA	NA
AMD A4-3400 APU	1596	1730	18.15	\$87.95
AMD A4-3420 APU	1676	1684	NA	NA
AMD A4-4000 APU	1818	1614	53.41	\$34.04
AMD A4-4020 APU	1918	1563	45.04	\$42.60
AMD A4-4300M APU	1613	1722	40.48	\$39.86
AMD A4-4355M APU	1174	1940	NA	NA
AMD A4-5000 APU	1905	1566	NA	NA
AMD A4-5050 APU	2114	1481	NA	NA
AMD A4-5100 APU	2082	1495	NA	NA
AMD A4-5150M APU	1844	1600	NA	NA
AMD A4-5300 APU	2007	1523	37.56	\$53.45
AMD A4-5300B APU	2106	1485	55.43	\$38.00*
AMD A4-6210 APU	2149	1464	NA	NA
AMD A4-6250J APU	2556	1314	NA	NA
AMD A4-6300 APU	2217	1443	58.04	\$38.21

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-6300B APU	2129	1473	21.30	\$100.00*
AMD A4-6320 APU	2322	1391	22.31	\$104.09*
AMD A4-7210 APU	2495	1335	NA	NA
AMD A4-7300 APU	2284	1413	20.58	\$111.00
AMD A4-9120	1817	1616	NA	NA
AMD A6 Micro-6500T APU	1834	1607	NA	NA
AMD A6 PRO-7050B APU	1587	1734	NA	NA
AMD A6 PRO-7400B	2749	1258	NA	NA
AMD A6-1450 APU	1522	1758	NA	NA
AMD A6-3400M APU	1894	1575	63.22	\$29.97*
AMD A6-3410MX APU	2055	1504	68.56	\$29.99*
AMD A6-3420M APU	2003	1524	NA	NA
AMD A6-3430MX APU	2225	1442	NA	NA
AMD A6-3500 APU	2009	1521	26.73	\$75.18
AMD A6-3600 APU	2705	1269	117.67	\$22.99*
AMD A6-3620 APU	2809	1234	46.84	\$59.99*
AMD A6-3650 APU	3160	1123	21.07	\$149.99*
AMD A6-3670 APU	3195	1106	37.94	\$84.23
AMD A6-4400M APU	1632	1710	40.96	\$39.86*
AMD A6-4455M APU	1284	1881	NA	NA
AMD A6-5200 APU	2422	1362	NA	NA
AMD A6-5345M APU	1476	1783	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5350M APU	1904	1567	31.77	\$59.95
AMD A6-5357M APU	1938	1551	NA	NA
AMD A6-5400B APU	2194	1451	20.89	\$105.04*
AMD A6-5400K APU	2147	1466	19.18	\$112.00
AMD A6-6310 APU	2437	1356	NA	NA
AMD A6-6400B APU	2281	1416	NA	NA
AMD A6-6400K APU	2299	1404	23.42	\$98.22
AMD A6-6420B APU	2612	1294	NA	NA
AMD A6-6420K APU	2351	1387	33.12	\$71.00*
AMD A6-7000	1671	1687	NA	NA
AMD A6-7310 APU	2682	1274	NA	NA
AMD A6-7400K APU	2785	1241	56.85	\$48.99
AMD A6-7470K	2777	1243	27.95	\$99.40
AMD A6-8500P	2183	1454	NA	NA
AMD A6-8550	3104	1134	NA	NA
AMD A6-9200	1859	1593	NA	NA
AMD A6-9210	1930	1557	NA	NA
AMD A6-9220	2250	1430	NA	NA
AMD A6-9220e	1521	1760	NA	NA
AMD A6-9230	2274	1420	NA	NA
AMD A6-9500	2977	1175	52.44	\$56.78
AMD A8 PRO-7150B APU	2667	1277	NA	NA
AMD A8 PRO-7600B APU	4828	750	NA	NA
AMD A8-3500M APU	1972	1536	28.20	\$69.95
AMD A8-3510MX APU	2367	1382	NA	NA
AMD A8-3520M APU	2178	1456	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-3530MX APU	2378	1375	NA	NA
AMD A8-3550MX APU	2610	1295	NA	NA
AMD A8-3800 APU	3045	1154	17.91	\$169.99*
AMD A8-3820 APU	3142	1125	25.14	\$124.99*
AMD A8-3850 APU	3470	1032	36.85	\$94.19
AMD A8-3870K APU	3571	1008	17.72	\$201.54*
AMD A8-4500M APU	2663	1279	NA	NA
AMD A8-4555M APU	2122	1478	NA	NA
AMD A8-5500 APU	3992	910	30.95	\$129.00*
AMD A8-5500B APU	3967	916	NA	NA
AMD A8-5545M APU	2588	1302	NA	NA
AMD A8-5550M APU	3002	1168	NA	NA
AMD A8-5557M APU	2959	1181	NA	NA
AMD A8-5600K APU	4341	845	24.12	\$179.95
AMD A8-6410 APU	2567	1312	NA	NA
AMD A8-6500 APU	4385	833	27.24	\$160.99*
AMD A8-6500B APU	4589	796	NA	NA
AMD A8-6500T APU	3221	1098	NA	NA
AMD A8-6600K APU	4581	798	24.24	\$189.04*
AMD A8-7050	1986	1532	NA	NA
AMD A8-7100 APU	2817	1229	NA	NA
AMD A8-7200P	3300	1076	NA	NA
AMD A8-7410 APU	2745	1260	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7600 APU	5102	699	24.89	\$205.00
AMD A8-7650K	4928	734	62.53	\$78.81
AMD A8-7670K	5105	697	47.28	\$107.99
AMD A8-8600P	3248	1091	NA	NA
AMD A8-8650	5470	645	NA	NA
AMD A8-9600	4979	720	71.22	\$69.91
AMD A9-9400	2278	1418	NA	NA
AMD A9-9410	2564	1313	NA	NA
AMD A9-9420	2299	1405	NA	NA
AMD A9-9420e	1613	1721	NA	NA
AMD A9-9425	2795	1238	NA	NA
AMD A9-9430	2513	1329	NA	NA
AMD A10 Micro-6700T APU	1890	1578	NA	NA
AMD A10 PRO-7350B APU	3225	1096	NA	NA
AMD A10 PRO-7800B APU	5409	657	NA	NA
AMD A10 PRO-7850B APU	5465	646	NA	NA
AMD A10-4600M APU	3112	1131	NA	NA
AMD A10-4655M APU	2601	1298	NA	NA
AMD A10-4657M APU	2906	1202	NA	NA
AMD A10-5700 APU	4208	869	11.34	\$371.15
AMD A10-5745M APU	2758	1253	NA	NA
AMD A10-5750M APU	3343	1066	NA	NA
AMD A10-5757M APU	3086	1139	NA	NA
AMD A10-5800B APU	4682	773	NA	NA
AMD A10-5800K APU	4639	780	36.82	\$125.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-6700 APU	4605	792	9.06	\$508.16*
AMD A10-6700T APU	3691	982	25.01	\$147.61*
AMD A10-6790K APU	4704	768	22.75	\$206.82*
AMD A10-6800B APU	4991	719	NA	NA
AMD A10-6800K APU	4856	741	16.93	\$286.85*
AMD A10-7300 APU	2909	1199	NA	NA
AMD A10-7400P	3638	992	NA	NA
AMD A10-7700K APU	5132	690	27.03	\$189.89
AMD A10-7800 APU	5000	716	47.62	\$104.99*
AMD A10-7850K APU	5478	642	15.11	\$362.55
AMD A10-7860K	5104	698	16.00	\$319.00
AMD A10-7870K	5479	641	48.92	\$112.01
AMD A10-7890K	5746	610	22.19	\$258.99
AMD A10-8700P	3455	1037	NA	NA
AMD A10-8750	5091	700	NA	NA
AMD A10-8850	5616	624	NA	NA
AMD A10-9600P	3801	950	NA	NA
AMD A10-9620P	3787	955	NA	NA
AMD A10-9630P	4497	813	NA	NA
AMD A10-9700	5464	647	61.61	\$88.69
AMD A10-9700E	4687	772	51.23	\$91.50
AMD A12-9700P	3729	970	NA	NA
AMD A12-9720P	4032	899	NA	NA
AMD A12-9730P	4353	841	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A12-9800	5537	637	37.67	\$147.00*
AMD A12-9800E	5060	706	42.44	\$119.25
AMD Athlon64 X2 Dual Core 3800+	970	2064	NA	NA
AMD Athlon64 X2 Dual Core 4200+	1006	2039	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	1977	NA	NA
AMD Athlon 4	279	2579	4.44	\$62.99
AMD Athlon 64 2000+	116	2713	NA	NA
AMD Athlon 64 2200+	575	2270	NA	NA
AMD Athlon 64 2600+	374	2452	NA	NA
AMD Athlon 64 2800+	438	2382	4.38	\$99.99*
AMD Athlon 64 3000+	463	2351	6.18	\$74.95
AMD Athlon 64 3200+	491	2321	3.28	\$149.95*
AMD Athlon 64 3300+	576	2268	NA	NA
AMD Athlon 64 3400+	545	2282	NA	NA
AMD Athlon 64 3500+	539	2288	6.00	\$89.95
AMD Athlon 64 3600+	601	2256	NA	NA
AMD Athlon 64 3700+	599	2257	8.69	\$69.00*
AMD Athlon 64 3800+	588	2261	3.68	\$159.95
AMD Athlon 64 4000+	605	2251	3.06	\$197.95*
AMD Athlon 64 FX-25	794	2163	NA	NA
AMD Athlon 64 FX-34	380	2443	NA	NA
AMD Athlon 64 FX-51	437	2383	NA	NA
AMD Athlon 64 FX-53	646	2231	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2195	4.01	\$179.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-57	730	2191	NA	NA
AMD Athlon 64 FX-59	715	2199	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1883	NA	NA
AMD Athlon 64 FX-62 Dual Core	1579	1736	NA	NA
AMD Athlon 64 FX-72	1794	1624	NA	NA
AMD Athlon 64 FX-74	1495	1776	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2077	NA	NA
AMD Athlon 64 X2 4200+	1285	1880	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1831	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2050	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	970	2065	16.17	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1001	2043	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1040	2018	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1099	1982	6.87	\$159.95
AMD Athlon 64 X2 Dual Core 4400+	1147	1959	5.74	\$199.95*
AMD Athlon 64 X2 Dual Core 4600+	1222	1918	3.40	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1257	1897	2.73	\$459.95
AMD Athlon 64 X2 Dual Core 5000+	1311	1859	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1383	1822	26.06	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1451	1793	27.39	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1483	1781	9.89	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1754	38.26	\$39.95*
AMD Athlon 64 X2 Dual Core 6000+	1604	1726	49.37	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1792	1625	6.89	\$259.95
AMD Athlon 64 X2 Dual Core BE-230	1095	1986	NA	NA
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-2300	1082	1996	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2016	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2143	28.02	\$29.97
AMD Athlon 64 X2 Dual Core TK-55	839	2145	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2063	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2123	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2155	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	872	2124	11.99	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	926	2098	NA	NA
AMD Athlon 64 X2 QL-60	918	2106	NA	NA
AMD Athlon 64 X2 QL-62	1014	2033	NA	NA
AMD Athlon 64 X2 QL-64	989	2055	NA	NA
AMD Athlon 64 X2 QL-65	1045	2015	NA	NA
AMD Athlon 64 X2 QL-66	945	2084	NA	NA
AMD Athlon 64 X2 QL-67	1006	2038	NA	NA
AMD Athlon 64 X2 TK-55	955	2078	NA	NA
AMD Athlon 64 X2 TK-57	988	2057	NA	NA
AMD Athlon 1500+	294	2552	NA	NA
AMD Athlon 1640B	678	2220	13.57	\$50.00*
AMD Athlon 1700+	349	2482	NA	NA
AMD Athlon 2000+	390	2438	NA	NA
AMD Athlon 2100+	412	2403	NA	NA
AMD Athlon 2200+	363	2469	4.55	\$79.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 2400+	462	2353	NA	NA
AMD Athlon 2500+	374	2450	2.04	\$183.99*
AMD Athlon 2600+	444	2373	4.23	\$104.95*
AMD Athlon 2650e	410	2407	21.61	\$19.00*
AMD Athlon 2800+	447	2370	3.20	\$139.95*
AMD Athlon 2850e	504	2314	NA	NA
AMD Athlon 3100+	485	2332	NA	NA
AMD Athlon 3200+	458	2357	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	1872	12.93	\$99.95*
AMD Athlon 5150 APU	2093	1490	13.09	\$159.95
AMD Athlon 5200 Dual-Core	1248	1905	20.27	\$61.61
AMD Athlon 5350 APU	2600	1299	12.17	\$213.68
AMD Athlon 5370 APU	2898	1208	45.51	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1795	NA	NA
AMD Athlon 7550 Dual-Core	1460	1787	24.33	\$60.00
AMD Athlon 7750 Dual-Core	1579	1737	10.62	\$148.71*
AMD Athlon 7850 Dual-Core	1714	1659	8.18	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2562	NA	NA
AMD Athlon Dual Core 4050e	1086	1993	NA	NA
AMD Athlon Dual Core 4450B	1168	1945	37.70	\$31.00*
AMD Athlon Dual Core 4450e	1101	1981	NA	NA
AMD Athlon Dual Core 4850B	1447	1796	NA	NA
AMD Athlon Dual Core 4850e	1316	1858	33.75	\$39.00*
AMD Athlon Dual Core 5000B	1304	1865	13.73	\$95.00*
AMD Athlon Dual Core 5050e	1349	1842	22.50	\$60.00*
AMD Athlon Dual Core 5200B	1324	1855	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 5400B	1413	1812	NA	NA
AMD Athlon Dual Core 5600B	1304	1864	NA	NA
AMD Athlon II 160u	560	2278	18.68	\$29.99*
AMD Athlon II 170u	626	2244	20.91	\$29.95*
AMD Athlon II Dual-Core M300	1115	1972	NA	NA
AMD Athlon II Dual-Core M320	1141	1965	38.06	\$30.00*
AMD Athlon II Dual-Core M340	1056	2010	NA	NA
AMD Athlon II N330 Dual-Core	1154	1954	NA	NA
AMD Athlon II N350 Dual-Core	1247	1907	NA	NA
AMD Athlon II N370 Dual-Core	1559	1745	NA	NA
AMD Athlon II Neo K125	467	2347	NA	NA
AMD Athlon II Neo K145	525	2296	NA	NA
AMD Athlon II Neo K325 Dual-Core	774	2172	29.81	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2136	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2165	NA	NA
AMD Athlon II P320 Dual-Core	1216	1921	40.60	\$29.95*
AMD Athlon II P340 Dual-Core	1251	1902	27.85	\$44.95*
AMD Athlon II P360 Dual-Core	1323	1857	55.14	\$24.00
AMD Athlon II X2 210e	1486	1779	NA	NA
AMD Athlon II X2 215	1578	1738	131.68	\$11.99*
AMD Athlon II X2 220	1632	1711	50.72	\$32.19
AMD Athlon II X2 225	1526	1755	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	1658	1696	9.12	\$181.88*
AMD Athlon II X2 240	1644	1701	47.05	\$34.95
AMD Athlon II X2 240e	1695	1675	48.51	\$34.95*
AMD Athlon II X2 245	1663	1694	47.61	\$34.95*
AMD Athlon II X2 245e	1706	1664	21.33	\$80.00*
AMD Athlon II X2 250	1743	1646	44.76	\$38.95
AMD Athlon II X2 250e	1949	1547	25.41	\$76.73*
AMD Athlon II X2 250u	1000	2044	25.04	\$39.95*
AMD Athlon II X2 255	1845	1599	28.30	\$65.22*
AMD Athlon II X2 260	1873	1588	39.03	\$48.00*
AMD Athlon II X2 260u	1105	1979	13.25	\$83.44*
AMD Athlon II X2 265	1889	1579	22.80	\$82.88*
AMD Athlon II X2 270	1987	1531	42.73	\$46.50
AMD Athlon II X2 270u	1350	1841	19.96	\$67.67*
AMD Athlon II X2 280	2164	1460	21.64	\$99.99*
AMD Athlon II X2 4300e	1350	1840	NA	NA
AMD Athlon II X2 4400e	1618	1717	NA	NA
AMD Athlon II X2 4450e	1504	1772	NA	NA
AMD Athlon II X2 B22	1711	1661	47.62	\$35.95
AMD Athlon II X2 B24	1780	1629	44.57	\$39.95*
AMD Athlon II X2 B26	1880	1584	41.82	\$44.95*
AMD Athlon II X2 B28	2112	1482	43.06	\$49.05*
AMD Athlon II X3 400e	2009	1522	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1513	25.32	\$79.99*
AMD Athlon II X3 415e	2247	1433	29.97	\$75.00*
AMD Athlon II X3 420e	2286	1409	19.68	\$116.15*
AMD Athlon II X3 425	2317	1394	31.98	\$72.47*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 425e	2239	1437	NA	NA
AMD Athlon II X3 435	2470	1346	32.86	\$75.18
AMD Athlon II X3 440	2569	1311	54.73	\$46.95*
AMD Athlon II X3 445	2583	1305	28.39	\$91.00*
AMD Athlon II X3 450	2627	1288	58.45	\$44.95
AMD Athlon II X3 455	2770	1245	33.61	\$82.42*
AMD Athlon II X3 460	2855	1217	57.12	\$49.99*
AMD Athlon II X4 553	3814	947	NA	NA
AMD Athlon II X4 555	3830	943	NA	NA
AMD Athlon II X4 559	4142	883	NA	NA
AMD Athlon II X4 600e	2453	1351	18.84	\$130.23*
AMD Athlon II X4 605e	2750	1257	27.01	\$101.80*
AMD Athlon II X4 610e	2798	1237	39.99	\$69.99*
AMD Athlon II X4 615e	2901	1207	49.17	\$59.00*
AMD Athlon II X4 620	2940	1190	45.28	\$64.95*
AMD Athlon II X4 620e	2906	1203	NA	NA
AMD Athlon II X4 630	3135	1128	49.81	\$62.95
AMD Athlon II X4 631 Quad-Core	3151	1124	39.39	\$80.00*
AMD Athlon II X4 635	3256	1089	46.56	\$69.95
AMD Athlon II X4 638 Quad-Core	3198	1105	NA	NA
AMD Athlon II X4 640	3317	1071	13.82	\$239.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 641 Quad-Core	3355	1063	36.67	\$91.50*
AMD Athlon II X4 645	3475	1029	43.47	\$79.95
AMD Athlon II X4 650	3474	1030	20.85	\$166.60*
AMD Athlon II X4 651 Quad-Core	3575	1007	20.08	\$178.04*
AMD Athlon II X4 655	2998	1169	NA	NA
AMD Athlon II X4 6400e	2594	1300	NA	NA
AMD Athlon L110	306	2529	NA	NA
AMD Athlon LE-1600	567	2275	27.04	\$21.00*
AMD Athlon LE-1620	572	2272	31.83	\$18.00*
AMD Athlon LE-1640	630	2241	NA	NA
AMD Athlon LE-1660	688	2214	NA	NA
AMD Athlon MP	230	2635	4.20	\$54.95*
AMD Athlon MP 1700+	339	2494	NA	NA
AMD Athlon MP 2400+	436	2384	NA	NA
AMD Athlon MP 2800+	497	2317	NA	NA
AMD Athlon Neo MV-40	411	2405	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2042	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2171	NA	NA
AMD Athlon Neo X2 Dual Core L335	827	2150	NA	NA
AMD Athlon PRO 200GE	4903	735	NA	NA
AMD Athlon QI-46	473	2344	NA	NA
AMD Athlon TF-20	416	2399	NA	NA
AMD Athlon TF-36	358	2472	NA	NA
AMD Athlon X2 215	1511	1768	NA	NA
AMD Athlon X2 235e	1806	1618	NA	NA
AMD Athlon X2 240	1575	1742	NA	NA
AMD Athlon X2 240e	1670	1688	NA	NA
AMD Athlon X2 250	1696	1674	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 255	1627	1713	NA	NA
AMD Athlon X2 280	2303	1400	13.17	\$174.81*
AMD Athlon X2 340 Dual Core	1893	1577	22.14	\$85.51
AMD Athlon X2 370K Dual Core	2251	1429	NA	NA
AMD Athlon X2 440	1424	1806	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2168	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2045	NA	NA
AMD Athlon X2 Dual Core BE-2300	925	2100	NA	NA
AMD Athlon X2 Dual Core BE-2350	1104	1980	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	1922	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1901	NA	NA
AMD Athlon X2 Dual Core L310	644	2233	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2035	NA	NA
AMD Athlon X3 425	2191	1452	NA	NA
AMD Athlon X3 435	2574	1307	26.96	\$95.49*
AMD Athlon X3 440	2078	1497	23.62	\$87.99*
AMD Athlon X3 445	2314	1395	NA	NA
AMD Athlon X3 450	3064	1148	38.80	\$78.99*
AMD Athlon X3 455	2401	1370	NA	NA
AMD Athlon X4 605e	2505	1333	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X4 620	2861	1216	44.06	\$64.95
AMD Athlon X4 635	2891	1210	23.71	\$121.99*
AMD Athlon X4 640	3172	1111	NA	NA
AMD Athlon X4 740 Quad Core	4009	905	14.48	\$277.00*
AMD Athlon X4 750 Quad Core	4551	803	NA	NA
AMD Athlon X4 750K Quad Core	4252	861	55.24	\$76.99*
AMD Athlon X4 760K Quad Core	4589	797	89.12	\$51.50
AMD Athlon X4 830	4701	769	NA	NA
AMD Athlon X4 840	5030	711	63.89	\$78.74*
AMD Athlon X4 845	5432	655	82.44	\$65.89
AMD Athlon X4 860K	5450	650	56.33	\$96.76*
AMD Athlon X4 870K	5313	672	72.45	\$73.35*
AMD Athlon X4 880K	5589	629	67.15	\$83.24*
AMD Athlon X4 950	5310	673	88.08	\$60.29
AMD Athlon XP1600+	281	2575	NA	NA
AMD Athlon XP1700+	234	2631	NA	NA
AMD Athlon XP1900+	353	2479	NA	NA
AMD Athlon XP2100+	287	2564	NA	NA
AMD Athlon XP2200+	401	2422	NA	NA
AMD Athlon XP2400+	374	2451	NA	NA
AMD Athlon XP 1500	282	2574	NA	NA
AMD Athlon XP 1500+	257	2606	NA	NA
AMD Athlon XP 1600+	267	2595	NA	NA
AMD Athlon XP 1700	344	2489	NA	NA
AMD Athlon XP 1700+	271	2590	NA	NA
AMD Athlon XP 1800+	300	2541	5.09	\$58.95*
AMD Athlon XP 1900+	312	2521	NA	NA
AMD Athlon XP 2000+	299	2542	12.00	\$24.99*
AMD Athlon XP 2100+	323	2505	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	2503	3.87	\$84.95*
AMD Athlon XP 2300+	464	2350	NA	NA
AMD Athlon XP 2400+	360	2471	4.01	\$89.99*
AMD Athlon XP 2500+	355	2476	NA	NA
AMD Athlon XP 2600+	372	2455	16.18	\$23.03*
AMD Athlon XP 2700+	393	2433	4.64	\$84.79*
AMD Athlon XP 2800+	399	2425	NA	NA
AMD Athlon XP 2900+	440	2377	NA	NA
AMD Athlon XP 3000+	402	2421	5.05	\$79.70
AMD Athlon XP 3100+	433	2391	NA	NA
AMD Athlon XP 3200+	433	2390	NA	NA
AMD Athlon XP 3400+	570	2274	NA	NA
AMD Athlon XP Pro3+	367	2461	NA	NA
AMD Athlon XP-M	541	2287	15.48	\$34.95*
AMD C-30	310	2524	NA	NA
AMD C-50	462	2352	NA	NA
AMD C-60	476	2342	NA	NA
AMD C-60 APU	545	2283	NA	NA
AMD C-70 APU	564	2277	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E1 Micro-6200T APU	960	2075	NA	NA
AMD E1-1200 APU	660	2225	NA	NA
AMD E1-1500 APU	686	2215	NA	NA
AMD E1-2100 APU	631	2240	NA	NA
AMD E1-2200 APU	767	2173	NA	NA
AMD E1-2500 APU	890	2120	NA	NA
AMD E1-6010 APU	857	2134	NA	NA
AMD E1-6015 APU	895	2119	NA	NA
AMD E1-7010 APU	1006	2037	NA	NA
AMD E2-1800 APU	821	2153	NA	NA
AMD E2-2000 APU	829	2148	NA	NA
AMD E2-3000 APU	1088	1991	NA	NA
AMD E2-3000M APU	1091	1989	54.57	\$20.00*
AMD E2-3200 APU	1441	1799	180.35	\$7.99*
AMD E2-3800 APU	1644	1702	NA	NA
AMD E2-6110 APU	1903	1568	NA	NA
AMD E2-7110 APU	2282	1415	NA	NA
AMD E2-9000	1596	1729	NA	NA
AMD E2-9000e	1348	1844	NA	NA
AMD E2-9010	1829	1609	NA	NA
AMD E-240	317	2512	NA	NA
AMD E-300 APU	611	2248	NA	NA
AMD E-350	747	2185	NA	NA
AMD E-350 APU	757	2181	NA	NA
AMD E-350D APU	725	2194	NA	NA
AMD E-450 APU	766	2174	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1642	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1493	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2512	1330	NA	NA
AMD Embedded R-Series RX-216GD	2409	1367	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-418GD Radeon R6	5068	704	NA	NA
AMD Embedded R-Series RX-421BD	4635	783	NA	NA
AMD EPYC 7251 8-Core	10679	205	20.94	\$509.99
AMD EPYC 7351P	15820	84	19.39	\$816.01
AMD EPYC 7401P	18546	44	15.69	\$1,181.99
AMD EPYC 7501	18942	41	5.09	\$3,722.99
AMD EPYC 7551	18483	46	4.22	\$4,379.75
AMD FirePro A320 APU	4540	806	NA	NA
AMD FX-670K Quad-Core	4532	809	NA	NA
AMD FX-770K Quad-Core	4788	759	NA	NA
AMD FX-870K Quad Core	5126	692	NA	NA
AMD FX-4100 Quad-Core	4064	892	31.27	\$129.99*
AMD FX-4130 Quad-Core	4170	879	54.89	\$75.99*
AMD FX-4150 Quad-Core	4594	794	NA	NA
AMD FX-4170 Quad-Core	4852	743	33.79	\$143.61*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-4200 Quad-Core	4261	857	18.68	\$228.21*
AMD FX-4300 Quad-Core	4679	776	78.01	\$59.98
AMD FX-4320	4995	718	NA	NA
AMD FX-4330	5222	681	NA	NA
AMD FX-4350 Quad-Core	5340	669	53.41	\$99.99
AMD FX-6100 Six-Core	5377	660	21.86	\$246.00
AMD FX-6120 Six-Core	5748	609	NA	NA
AMD FX-6130 Six-Core	6215	556	NA	NA
AMD FX-6200 Six-Core	6119	569	18.00	\$339.95
AMD FX-6300 Six-Core	6383	551	92.53	\$68.99
AMD FX-6330 Six-Core	6916	498	NA	NA
AMD FX-6350 Six-Core	6988	490	60.26	\$115.98
AMD FX-7500 APU	3210	1103	NA	NA
AMD FX-7600P	4049	894	NA	NA
AMD FX-7600P APU	4627	785	NA	NA
AMD FX-8100 Eight-Core	6018	579	42.39	\$142.00*
AMD FX-8120 Eight-Core	6594	526	36.64	\$179.99*
AMD FX-8140 Eight-Core	5854	595	NA	NA
AMD FX-8150 Eight-Core	7624	437	19.88	\$383.50*
AMD FX-8300 Eight-Core	7715	429	84.24	\$91.59
AMD FX-8310 Eight-Core	7752	424	NA	NA
AMD FX-8320 Eight-Core	8018	403	94.35	\$84.99
AMD FX-8320E Eight-Core	7540	442	68.55	\$109.99
AMD FX-8350 Eight-Core	8949	333	99.45	\$89.99
AMD FX-8370 Eight-Core	9024	325	54.47	\$165.67
AMD FX-8370E Eight-Core	7799	418	32.17	\$242.40
AMD FX-8800P	4152	881	NA	NA
AMD FX-9370 Eight-Core	9470	288	16.67	\$568.00
AMD FX-9590 Eight-Core	10196	230	107.35	\$94.99
AMD FX-9800P	4011	904	NA	NA
AMD FX-9830P	4752	763	NA	NA
AMD FX-B4150 Quad-Core	4611	790	NA	NA
AMD G-T40E	485	2330	NA	NA
AMD G-T40N	516	2303	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T44R	227	2637	NA	NA
AMD G-T48E	716	2198	NA	NA
AMD G-T52R	303	2535	NA	NA
AMD G-T56E	751	2183	NA	NA
AMD G-T56N	786	2167	NA	NA
AMD Geode NX	264	2598	NA	NA
AMD Geode NX 1750	291	2553	NA	NA
AMD GX-210JA SOC	401	2423	NA	NA
AMD GX-212JC SOC	744	2186	NA	NA
AMD GX-217GA SOC	1097	1983	NA	NA
AMD GX-218GL SOC	1115	1971	NA	NA
AMD GX-222GC SOC	1255	1899	NA	NA
AMD GX-412HC	1497	1775	NA	NA
AMD GX-415GA SOC	1950	1546	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD GX-420CA SOC	2299	1403	NA	NA
AMD GX-424CC SOC	2488	1338	NA	NA
AMD K7	403	2418	NA	NA
AMD Opteron 140	396	2428	0.56	\$710.00
AMD Opteron 142	428	2395	NA	NA
AMD Opteron 144	486	2329	7.48	\$65.00*
AMD Opteron 146	532	2293	8.87	\$59.99*
AMD Opteron 148	603	2255	NA	NA
AMD Opteron 150	604	2253	NA	NA
AMD Opteron 152	658	2226	NA	NA
AMD Opteron 154	703	2208	NA	NA
AMD Opteron 165	899	2117	1.47	\$610.00*
AMD Opteron 170	1097	1984	NA	NA
AMD Opteron 175	1167	1946	NA	NA
AMD Opteron 180	1228	1914	9.45	\$129.95
AMD Opteron 185	1360	1835	NA	NA
AMD Opteron 246	632	2239	31.62	\$19.99
AMD Opteron 248	476	2341	4.34	\$109.95
AMD Opteron 250	649	2230	59.01	\$11.00*
AMD Opteron 252	760	2178	12.00	\$63.36*
AMD Opteron 254	693	2211	NA	NA
AMD Opteron 256	963	2071	50.72	\$19.00*
AMD Opteron 265	963	2072	6.02	\$159.95*
AMD Opteron 270	1083	1995	1.78	\$607.47*
AMD Opteron 275	1291	1874	19.87	\$64.99
AMD Opteron 280	1272	1891	1.60	\$796.67*
AMD Opteron 285	1470	1784	NA	NA
AMD Opteron 290	1464	1786	10.85	\$135.00*
AMD Opteron 1210	923	2102	NA	NA
AMD Opteron 1210 HE	971	2062	NA	NA
AMD Opteron 1212	1009	2036	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1862	NA	NA
AMD Opteron 1214	1191	1932	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1866	NA	NA
AMD Opteron 1216	1311	1860	23.91	\$54.85*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1216 HE	1172	1944	NA	NA
AMD Opteron 1218	1468	1785	NA	NA
AMD Opteron 1218 HE	1444	1797	NA	NA
AMD Opteron 1220	1653	1700	NA	NA
AMD Opteron 1222	1757	1639	NA	NA
AMD Opteron 1352	2368	1381	17.42	\$135.99*
AMD Opteron 1354	2630	1287	8.49	\$309.97*
AMD Opteron 1356	2765	1250	30.73	\$89.99*
AMD Opteron 1381	3065	1147	NA	NA
AMD Opteron 2212	1270	1893	105.89	\$12.00*
AMD Opteron 2214	1358	1836	104.51	\$13.00
AMD Opteron 2214 HE	1415	1810	NA	NA
AMD Opteron 2216	1518	1765	8.53	\$178.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2218	1594	1732	49.18	\$32.42*
AMD Opteron 2220	1701	1672	1.15	\$1,475.16*
AMD Opteron 2220 SE	1398	1816	55.92	\$25.00
AMD Opteron 2222	1843	1601	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1562	NA	NA
AMD Opteron 2350	2820	1226	10.45	\$269.99*
AMD Opteron 2356	2814	1232	188.25	\$14.95
AMD Opteron 2373 EE	2789	1240	NA	NA
AMD Opteron 2374 HE	2951	1183	15.53	\$189.99*
AMD Opteron 2376	2283	1414	91.32	\$25.00*
AMD Opteron 2378	3179	1109	17.76	\$179.00*
AMD Opteron 2380	2640	1285	105.64	\$25.00*
AMD Opteron 2384	3538	1016	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1017	NA	NA
AMD Opteron 2393 SE	2246	1434	NA	NA
AMD Opteron 2427	3069	1145	32.26	\$95.14*
AMD Opteron 2431	4516	810	112.91	\$40.00
AMD Opteron 2435	4708	767	39.11	\$120.40*
AMD Opteron 3260 HE	3259	1085	NA	NA
AMD Opteron 3280	5286	675	19.35	\$273.18*
AMD Opteron 3320 EE	2675	1276	NA	NA
AMD Opteron 3350 HE	4009	906	NA	NA
AMD Opteron 3365	5929	586	NA	NA
AMD Opteron 3380	6384	550	7.89	\$809.00*
AMD Opteron 4122	2942	1188	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1114	NA	NA
AMD Opteron 4184	4418	826	8.50	\$519.95*
AMD Opteron 4280	6430	546	14.09	\$456.44*
AMD Opteron 4284	6660	519	18.64	\$357.30*
AMD Opteron 4332 HE	5614	625	NA	NA
AMD Opteron 4334	6133	567	28.34	\$216.42*
AMD Opteron 4365 EE	5025	712	NA	NA
AMD Opteron 4386	5419	656	14.32	\$378.52*
AMD Opteron 6128	4505	811	214.63	\$20.99
AMD Opteron 6134	2938	1191	4.93	\$595.95*
AMD Opteron 6136	4631	784	12.90	\$359.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6164 HE	5351	667	NA	NA
AMD Opteron 6174	6171	564	561.53	\$10.99
AMD Opteron 6212	5776	605	27.57	\$209.50*
AMD Opteron 6220	6785	506	32.31	\$210.00
AMD Opteron 6234	5979	581	14.95	\$399.99*
AMD Opteron 6238	7316	460	6.72	\$1,088.11*
AMD Opteron 6272	6748	511	21.60	\$312.40
AMD Opteron 6274	4865	739	23.17	\$210.00
AMD Opteron 6276	9011	327	29.17	\$308.89
AMD Opteron 6282 SE	9116	318	8.36	\$1,089.99*
AMD Opteron 6287 SE	9789	264	NA	NA
AMD Opteron 6328	7813	416	15.32	\$509.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6366 HE	7503	446	7.43	\$1,010.00
AMD Opteron 6376	9414	295	15.72	\$599.00
AMD Opteron 6378	2152	1463	5.40	\$399.00*
AMD Opteron 6380	10081	241	67.22	\$149.99
AMD Opteron 6386 SE	10748	201	71.66	\$149.99
AMD Opteron 8354	2255	1428	102.52	\$22.00
AMD Opteron 8439 SE	3813	948	50.84	\$75.00*
AMD Opteron X3216 APU	2368	1380	NA	NA
AMD Opteron X3421 APU	4997	717	NA	NA
AMD Phenom 2 X4 12000	3005	1166	NA	NA
AMD Phenom 7950 Quad-Core	2991	1171	NA	NA
AMD Phenom 8250 Triple-Core	1644	1703	NA	NA
AMD Phenom 8250e Triple-Core	1619	1716	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1637	1707	NA	NA
AMD Phenom 8450 Triple-Core	1886	1583	62.99	\$29.95*
AMD Phenom 8450e Triple-Core	2040	1509	NA	NA
AMD Phenom 8600 Triple-Core	1703	1669	32.16	\$52.99*
AMD Phenom 8600B Triple-Core	1926	1560	36.36	\$52.99*
AMD Phenom 8650 Triple-Core	1995	1527	39.91	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1502	NA	NA
AMD Phenom 8750B Triple-Core	2034	1510	NA	NA
AMD Phenom 8850 Triple-Core	2026	1512	NA	NA
AMD Phenom 8850B Triple-Core	2080	1496	NA	NA
AMD Phenom 9100e Quad-Core	1838	1605	46.03	\$39.95*
AMD Phenom 9150e Quad-Core	2116	1479	52.99	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1392	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1290	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2207	1446	24.54	\$89.96*
AMD Phenom 9550 Quad-Core	2545	1315	63.70	\$39.95*
AMD Phenom 9600 Quad-Core	2306	1397	46.18	\$49.95*
AMD Phenom 9600B Quad-Core	2571	1310	17.47	\$147.19*
AMD Phenom 9650 Quad-Core	2641	1284	48.08	\$54.95*
AMD Phenom 9750 Quad-Core	2816	1230	46.98	\$59.95*
AMD Phenom 9750B Quad-Core	2709	1266	NA	NA
AMD Phenom 9850 Quad-Core	2896	1209	57.94	\$50.00*
AMD Phenom 9850B Quad-Core	3160	1121	NA	NA
AMD Phenom 9950 Quad-Core	3015	1164	16.75	\$179.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom FX-5000 Quad-Core	2518	1326	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1184	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	994	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1028	NA	NA
AMD Phenom II N620 Dual-Core	1679	1682	42.14	\$39.86*
AMD Phenom II N640 Dual-Core	1740	1648	26.80	\$64.95*
AMD Phenom II N660 Dual-Core	1852	1596	18.72	\$99.00*
AMD Phenom II N830 3+1	2652	1281	NA	NA
AMD Phenom II N830 Triple-Core	1888	1580	NA	NA
AMD Phenom II N850 Triple-Core	1935	1555	77.40	\$25.00*
AMD Phenom II N870 Triple-Core	1988	1530	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N930 Quad-Core	2269	1424	17.46	\$129.95*
AMD Phenom II N950 Quad-Core	2481	1343	22.04	\$112.60*
AMD Phenom II N970 Quad-Core	2522	1325	16.82	\$149.99*
AMD Phenom II P650 Dual-Core	1603	1727	45.81	\$35.00*
AMD Phenom II P820 Triple-Core	1610	1723	NA	NA
AMD Phenom II P840 Triple-Core	1731	1652	NA	NA
AMD Phenom II P860 Triple-Core	1759	1637	NA	NA
AMD Phenom II P920 Quad-Core	1861	1592	24.82	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1613	NA	NA
AMD Phenom II P960 Quad-Core	2088	1492	74.60	\$28.00*
AMD Phenom II X2 511	2104	1486	NA	NA
AMD Phenom II X2 521	2077	1498	NA	NA
AMD Phenom II X2 545	1902	1570	20.40	\$93.28
AMD Phenom II X2 550	2022	1515	20.68	\$97.81
AMD Phenom II X2 555	2041	1508	19.95	\$102.33*
AMD Phenom II X2 560	2055	1505	19.40	\$105.95
AMD Phenom II X2 565	2211	1445	20.01	\$110.48*
AMD Phenom II X2 570	1960	1539	NA	NA
AMD Phenom II X2 B53	1709	1662	NA	NA
AMD Phenom II X2 B55	1937	1552	40.37	\$48.00*
AMD Phenom II X2 B57	1887	1582	NA	NA
AMD Phenom II X2 B59	2138	1469	42.82	\$49.95*
AMD Phenom II X3 700e	2285	1412	NA	NA
AMD Phenom II X3 705e	2227	1441	14.63	\$152.34*
AMD Phenom II X3 710	2443	1354	28.91	\$84.53*
AMD Phenom II X3 715	2649	1283	31.17	\$84.99*
AMD Phenom II X3 720	2684	1273	21.18	\$126.76
AMD Phenom II X3 740	3002	1167	33.75	\$88.99*
AMD Phenom II X3 B73	2735	1263	36.47	\$75.00*
AMD Phenom II X3 B75	2946	1186	NA	NA
AMD Phenom II X3 B77	3067	1146	NA	NA
AMD Phenom II X4 805	2997	1170	17.23	\$173.99*
AMD Phenom II X4 810	3127	1129	26.97	\$115.99*
AMD Phenom II X4 820	3417	1045	45.59	\$74.95*
AMD Phenom II X4 830	3443	1038	43.07	\$79.95*
AMD Phenom II X4 840	3512	1021	39.05	\$89.95*
AMD Phenom II X4 840T	3601	997	45.05	\$79.95*
AMD Phenom II X4 850	3548	1014	31.83	\$111.49*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 900e	2882	1212	NA	NA
AMD Phenom II X4 905e	3087	1138	14.54	\$212.38*
AMD Phenom II X4 910	3258	1087	32.58	\$100.00*
AMD Phenom II X4 910e	3260	1084	20.77	\$156.99*
AMD Phenom II X4 920	3403	1049	48.63	\$69.99
AMD Phenom II X4 925	3424	1042	21.40	\$159.99*
AMD Phenom II X4 940	3597	998	29.98	\$119.99*
AMD Phenom II X4 945	3672	985	53.92	\$68.11*
AMD Phenom II X4 955	3937	922	30.25	\$130.16*
AMD Phenom II X4 960T	3794	952	28.11	\$134.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 965	4197	870	64.62	\$64.95
AMD Phenom II X4 970	4341	844	25.25	\$171.91*
AMD Phenom II X4 973	3759	963	NA	NA
AMD Phenom II X4 975	4490	814	34.55	\$129.99*
AMD Phenom II X4 977	3750	966	NA	NA
AMD Phenom II X4 980	4504	812	32.96	\$136.64*
AMD Phenom II X4 8700e	2377	1376	NA	NA
AMD Phenom II X4 B05e	2781	1242	NA	NA
AMD Phenom II X4 B15e	2736	1262	NA	NA
AMD Phenom II X4 B25	3336	1067	NA	NA
AMD Phenom II X4 B35	3377	1057	NA	NA
AMD Phenom II X4 B40	3406	1048	NA	NA
AMD Phenom II X4 B45	3469	1033	NA	NA
AMD Phenom II X4 B50	3701	979	NA	NA
AMD Phenom II X4 B55	3862	936	NA	NA
AMD Phenom II X4 B60	4045	896	NA	NA
AMD Phenom II X4 B65	4177	876	NA	NA
AMD Phenom II X4 B70	4261	858	NA	NA
AMD Phenom II X4 B93	3361	1061	NA	NA
AMD Phenom II X4 B95	3710	975	50.87	\$72.95*
AMD Phenom II X4 B97	3911	927	48.93	\$79.95*
AMD Phenom II X4 B99	4130	887	NA	NA
AMD Phenom II X6 1035T	4669	777	24.70	\$189.00*
AMD Phenom II X6 1045T	4824	751	27.57	\$175.00*
AMD Phenom II X6 1055T	4974	721	26.89	\$185.00*
AMD Phenom II X6 1065T	5079	702	NA	NA
AMD Phenom II X6 1075T	5351	666	20.59	\$259.99*
AMD Phenom II X6 1090T	5594	628	14.12	\$396.08*
AMD Phenom II X6 1100T	5744	611	22.98	\$249.99
AMD Phenom II X6 1405T	5042	710	NA	NA
AMD Phenom II X620 Dual-Core	2189	1453	NA	NA
AMD Phenom II X640 Dual-Core	2021	1516	NA	NA
AMD Phenom II X920 Quad-Core	2638	1286	NA	NA
AMD Phenom II X940 Quad-Core	2695	1270	NA	NA
AMD Phenom Ultra X4 24500	3945	920	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1673	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1448	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1641	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1938	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X2 Dual-Core GP-7730	1435	1801	NA	NA
AMD Phenom X3 8550	1928	1558	11.35	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1638	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1528	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1439	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2812	1233	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1265	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1271	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1926	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A4-3350B APU	2833	1222	NA	NA
AMD PRO A4-8350B	2942	1189	NA	NA
AMD PRO A6-7350B	2759	1252	NA	NA
AMD PRO A6-8500B	2516	1327	NA	NA
AMD PRO A6-8530B	2435	1357	NA	NA
AMD PRO A6-8550B	3018	1161	NA	NA
AMD PRO A6-8570	3049	1153	NA	NA
AMD PRO A6-8570E	2824	1225	NA	NA
AMD PRO A6-9500	3262	1083	44.09	\$74.00*
AMD PRO A6-9500B	2076	1499	NA	NA
AMD PRO A6-9500E	2752	1255	37.20	\$74.00*
AMD PRO A8-8600B	3561	1011	NA	NA
AMD PRO A8-8650B	5442	653	NA	NA
AMD PRO A8-8670E	4692	771	NA	NA
AMD PRO A8-9600	5321	671	44.72	\$119.00*
AMD PRO A8-9600B	4004	908	NA	NA
AMD PRO A10-8700B	3583	1004	NA	NA
AMD PRO A10-8730B	3977	914	NA	NA
AMD PRO A10-8750B	5646	622	NA	NA
AMD PRO A10-8770	5707	613	NA	NA
AMD PRO A10-8770E	4881	738	NA	NA
AMD PRO A10-8850B	5852	597	NA	NA
AMD PRO A10-9700	5683	616	33.63	\$169.00*
AMD PRO A10-9700B	4393	830	NA	NA
AMD PRO A10-9700E	4949	728	35.61	\$139.00*
AMD PRO A12-8800B	4189	874	NA	NA
AMD PRO A12-8830B	4377	834	NA	NA
AMD PRO A12-8870	6067	576	NA	NA
AMD PRO A12-8870E	4814	753	NA	NA
AMD PRO A12-9800	6199	559	36.68	\$169.00*
AMD PRO A12-9800B	4269	856	NA	NA
AMD PRO A12-9800E	4793	758	28.36	\$169.00*
AMD QC-4000	1657	1698	NA	NA
AMD R-260H APU	1576	1739	NA	NA
AMD R-460L APU	1954	1541	NA	NA
AMD R-464L APU	3073	1143	NA	NA
AMD RX-427BB	4250	862	NA	NA
AMD Ryzen 3 1200	6802	505	68.32	\$99.56
AMD Ryzen 3 1300X	7494	447	59.96	\$124.99
AMD Ryzen 3 2200G	7364	458	75.15	\$98.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 3 2200U	4437	821	NA	NA
AMD Ryzen 3 PRO 1200	7069	485	NA	NA
AMD Ryzen 3 PRO 1300	8300	377	NA	NA
AMD Ryzen 3 PRO 2200	8086	394	NA	NA
AMD Ryzen 3 PRO 2200GE	7960	408	NA	NA
AMD Ryzen 3 PRO 2300U	7221	469	NA	NA
AMD Ryzen 5 1400	8428	371	56.22	\$149.93
AMD Ryzen 5 1500X	10135	237	67.58	\$149.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 1600	12285	162	71.85	\$170.99
AMD Ryzen 5 1600X	13230	142	67.95	\$194.71
AMD Ryzen 5 2400G	9297	307	58.48	\$159.00
AMD Ryzen 5 2400GE	8513	364	NA	NA
AMD Ryzen 5 2500U	7624	438	NA	NA
AMD Ryzen 5 2600	13478	136	70.81	\$190.36
AMD Ryzen 5 2600X	14477	112	64.34	\$225.00
AMD Ryzen 5 PRO 1500	10868	196	NA	NA
AMD Ryzen 5 PRO 1600	12213	164	NA	NA
AMD Ryzen 5 PRO 2400G	10204	228	NA	NA
AMD Ryzen 5 PRO 2400GE	10178	232	NA	NA
AMD Ryzen 5 PRO 2500U	9259	308	NA	NA
AMD Ryzen 7 1700	13750	129	63.66	\$215.99
AMD Ryzen 7 1700X	14619	106	61.43	\$237.99
AMD Ryzen 7 1800X	15407	89	65.01	\$237.00
AMD Ryzen 7 2700	15330	94	51.97	\$294.99
AMD Ryzen 7 2700U	7558	441	NA	NA
AMD Ryzen 7 2700X	16960	62	53.00	\$319.99
AMD Ryzen 7 PRO 1700	14811	103	NA	NA
AMD Ryzen 7 PRO 1700X	15349	91	NA	NA
AMD Ryzen 7 PRO 2700U	9402	297	NA	NA
AMD Ryzen Threadripper 1900X	15398	90	35.81	\$429.99
AMD Ryzen Threadripper 1920X	18285	48	23.28	\$785.31
AMD Ryzen Threadripper 1950X	22100	17	29.47	\$749.99
AMD Sempron 130	656	2228	26.29	\$24.99*
AMD Sempron 140	737	2188	18.64	\$39.59*
AMD Sempron 145	811	2160	8.55	\$94.92
AMD Sempron 150	707	2204	15.74	\$44.95
AMD Sempron 200U	267	2594	3.08	\$87.00*
AMD Sempron 210U	378	2446	NA	NA
AMD Sempron 2100+	392	2435	NA	NA
AMD Sempron 2200+	281	2578	9.38	\$29.99*
AMD Sempron 2300+	318	2511	7.07	\$45.00*
AMD Sempron 2400+	313	2520	11.62	\$27.00*
AMD Sempron 2500+	335	2496	4.20	\$79.95*
AMD Sempron 2600+	373	2453	10.70	\$34.95
AMD Sempron 2650 APU	939	2091	30.32	\$31.00
AMD Sempron 2800+	383	2441	6.40	\$59.95
AMD Sempron 3000+	408	2411	8.18	\$49.95
AMD Sempron 3100+	452	2364	7.53	\$60.00*
AMD Sempron 3200+	404	2416	31.12	\$13.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 3300+	484	2335	16.14	\$30.00
AMD Sempron 3400+	454	2362	15.18	\$29.91
AMD Sempron 3500+	384	2440	19.23	\$20.00*
AMD Sempron 3600+	487	2327	40.59	\$12.00*
AMD Sempron 3800+	554	2280	26.39	\$21.00*
AMD Sempron 3850 APU	1707	1663	44.89	\$38.04
AMD Sempron Dual Core 2100	924	2101	23.69	\$39.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron Dual Core 2200	995	2049	NA	NA
AMD Sempron Dual Core 2300	982	2058	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2082	NA	NA
AMD Sempron Dual Core 4900	1081	1997	NA	NA
AMD Sempron LE-250	490	2322	NA	NA
AMD Sempron LE-1100	438	2381	NA	NA
AMD Sempron LE-1150	445	2371	NA	NA
AMD Sempron LE-1200	529	2294	NA	NA
AMD Sempron LE-1250	541	2286	6.77	\$79.95
AMD Sempron LE-1300	610	2250	30.53	\$20.00
AMD Sempron LE-1600	535	2292	NA	NA
AMD Sempron LE-1620	635	2238	NA	NA
AMD Sempron LE-1640	759	2179	NA	NA
AMD Sempron M100	558	2279	46.58	\$12.00*
AMD Sempron M120	582	2263	NA	NA
AMD Sempron SI-40	443	2374	36.93	\$12.00*
AMD Sempron SI-42	453	2363	15.11	\$30.01
AMD Sempron X2 180	1222	1917	17.62	\$69.40*
AMD Sempron X2 190	1513	1767	18.14	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1811	NA	NA
AMD Turion 64 Mobile MK-36	461	2354	NA	NA
AMD Turion 64 Mobile MK-38	514	2305	NA	NA
AMD Turion 64 Mobile ML-28	390	2437	NA	NA
AMD Turion 64 Mobile ML-30	402	2420	NA	NA
AMD Turion 64 Mobile ML-32	410	2408	NA	NA
AMD Turion 64 Mobile ML-34	425	2397	NA	NA
AMD Turion 64 Mobile ML-37	441	2375	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2299	NA	NA
AMD Turion 64 Mobile ML-42	615	2246	NA	NA
AMD Turion 64 Mobile ML-44	591	2258	NA	NA
AMD Turion 64 Mobile MT-28	419	2398	NA	NA
AMD Turion 64 Mobile MT-30	378	2444	NA	NA
AMD Turion 64 Mobile MT-32	426	2396	NA	NA
AMD Turion 64 Mobile MT-34	429	2393	NA	NA
AMD Turion 64 Mobile MT-37	484	2333	NA	NA
AMD Turion 64 Mobile MT-40	536	2289	NA	NA
AMD Turion 64 X2 Mobile TL-50	753	2182	15.08	\$49.99*
AMD Turion 64 X2 Mobile TL-52	760	2177	NA	NA
AMD Turion 64 X2 Mobile TL-56	884	2121	44.21	\$20.00*
AMD Turion 64 X2 Mobile TL-58	943	2085	NA	NA
AMD Turion 64 X2 Mobile TL-60	993	2052	45.15	\$22.00
AMD Turion 64 X2 Mobile TL-62	1091	1988	3.51	\$311.00*
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-64	1108	1978	28.13	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1148	1957	3.04	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	1950	12.92	\$90.00*
AMD Turion Dual-Core RM-70	904	2115	60.27	\$15.00*
AMD Turion Dual-Core RM-72	860	2131	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2031	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion Dual-Core RM-75	961	2073	35.02	\$27.46*
AMD Turion II Dual-Core Mobile M500	1292	1871	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1863	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1849	NA	NA
AMD Turion II N530 Dual-Core	1583	1735	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1761	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2060	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	1935	NA	NA
AMD Turion II Neo N40L Dual-Core	918	2107	NA	NA
AMD Turion II Neo N54L Dual-Core	1376	1826	NA	NA
AMD Turion II P520 Dual-Core	1357	1837	NA	NA
AMD Turion II P540 Dual-Core	1438	1800	28.80	\$49.96*
AMD Turion II P560 Dual-Core	1511	1769	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1407	1813	58.64	\$24.00*
AMD Turion II Ultra Dual-Core Mobile M620	1427	1803	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1689	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1753	NA	NA
AMD Turion Neo X2 Dual Core L625	820	2154	NA	NA
AMD Turion X2 Dual Core L510	923	2104	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2133	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2007	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	990	2054	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1090	1990	4.86	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1055	2011	42.32	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1142	1964	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	1956	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1014	2034	72.45	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1081	2000	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	1923	94.53	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	1911	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1869	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1354	1839	33.92	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2046	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2023	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1791	NA	NA
AMD V105	286	2565	NA	NA
AMD V120	622	2245	NA	NA
AMD V140	640	2237	12.83	\$49.95
AMD V160	681	2219	NA	NA
AMD Z-01	523	2298	NA	NA
AMD Z-60 APU	500	2316	NA	NA
AMD-K6 3D	90	2717	NA	NA
AMD-K6-III	108	2714	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD-K7	403	2419	NA	NA
Athlon 64 Dual Core 3800+	1234	1912	NA	NA
Athlon 64 Dual Core 4200+	1156	1953	5.64	\$204.95
Athlon 64 Dual Core 4800+	1370	1828	NA	NA
Athlon 64 Dual Core 5000+	1507	1770	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Athlon 64 Dual Core 5400+	1614	1718	NA	NA
Athlon 64 Dual Core 5600+	1548	1748	NA	NA
Athlon Dual Core 4050e	968	2067	NA	NA
Athlon Dual Core 4450e	1081	1998	NA	NA
Athlon Dual Core 4850e	1327	1853	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1220	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1083	1994	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1174	1939	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1212	1925	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1274	1890	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1927	NA	NA
HP Hexa-Core 2.0GHz	2178	1455	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2135	NA	NA
Intel 1400 @ 1.83GHz	980	2059	NA	NA
Intel 1500 @ 2.00GHz	1024	2025	NA	NA
Intel Atom 230 @ 1.60GHz	307	2528	NA	NA
Intel Atom 330 @ 1.60GHz	588	2260	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2118	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2074	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1494	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2329	1389	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1458	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3805	949	16.40	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1065	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1117	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1349	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1318	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	742	14.62	\$332.00*
Intel Atom C3955 @ 2.10GHz	5803	601	13.37	\$434.00*
Intel Atom D410 @ 1.66GHz	303	2536	0.48	\$635.99*
Intel Atom D425 @ 1.80GHz	343	2491	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	652	2229	6.71	\$97.16*
Intel Atom D525 @ 1.80GHz	703	2207	NA	NA
Intel Atom D2500 @ 1.86GHz	405	2415	NA	NA
Intel Atom D2550 @ 1.86GHz	675	2222	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2200	NA	NA
Intel Atom D2700 @ 2.13GHz	839	2144	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2196	NA	NA
Intel Atom E660 @ 1.30GHz	271	2591	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2486	NA	NA
Intel Atom E3815 @ 1.46GHz	362	2470	2.15	\$169.00
Intel Atom E3825 @ 1.33GHz	575	2271	8.18	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2324	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2138	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom E3840 @ 1.91GHz	1162	1951	NA	NA
Intel Atom E3845 @ 1.91GHz	1494	1777	NA	NA
Intel Atom E3940 @ 1.60GHz	1920	1561	NA	NA
Intel Atom E3950 @ 1.60GHz	1804	1619	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom K510 @ 1.66GHz	658	2227	NA	NA
Intel Atom N270 @ 1.60GHz	270	2592	NA	NA
Intel Atom N280 @ 1.66GHz	284	2570	NA	NA
Intel Atom N435 @ 1.33GHz	261	2602	NA	NA
Intel Atom N450 @ 1.66GHz	298	2544	NA	NA
Intel Atom N455 @ 1.66GHz	284	2568	NA	NA
Intel Atom N470 @ 1.83GHz	307	2527	NA	NA
Intel Atom N475 @ 1.83GHz	314	2517	NA	NA
Intel Atom N550 @ 1.50GHz	525	2297	6.11	\$86.00*
Intel Atom N570 @ 1.66GHz	576	2269	6.70	\$86.00*
Intel Atom N2100 @ 1.60GHz	305	2531	NA	NA
Intel Atom N2600 @ 1.60GHz	527	2295	NA	NA
Intel Atom N2800 @ 1.86GHz	628	2242	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2109	14.32	\$64.00*
Intel Atom x5-E3930 @ 1.30GHz	811	2159	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1623	1714	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1200	1930	9.02	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1005	2041	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1277	1887	60.85	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1691	1678	27.04	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1835	1606	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1902	1569	25.85	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1944	1548	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2668	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2646	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2649	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2577	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2483	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2442	NA	NA
Intel Atom Z670 @ 1.50GHz	249	2617	NA	NA
Intel Atom Z2760 @ 1.80GHz	566	2276	NA	NA
Intel Atom Z3735D @ 1.33GHz	916	2108	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2097	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	907	2114	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2112	NA	NA
Intel Atom Z3736F @ 1.33GHz	920	2105	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	2006	NA	NA
Intel Atom Z3740D @ 1.33GHz	1020	2029	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	2004	NA	NA
Intel Atom Z3745D @ 1.33GHz	1019	2030	NA	NA
Intel Atom Z3770 @ 1.46GHz	1243	1909	8.32	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2162	NA	NA
Intel Atom Z3775 @ 1.46GHz	1256	1898	35.90	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1886	NA	NA
Intel Atom Z3795 @ 1.60GHz	1771	1632	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1.70GHz	130	2707	NA	NA
Intel Celeron 1.80GHz	136	2704	NA	NA
Intel Celeron 2.00GHz	185	2676	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.10GHz	244	2624	NA	NA
Intel Celeron 2.13GHz	208	2656	NA	NA
Intel Celeron 2.20GHz	213	2651	NA	NA
Intel Celeron 2.26GHz	223	2641	NA	NA
Intel Celeron 2.30GHz	227	2638	NA	NA
Intel Celeron 2.40GHz	217	2647	NA	NA
Intel Celeron 2.50GHz	247	2619	NA	NA
Intel Celeron 2.53GHz	245	2622	NA	NA
Intel Celeron 2.60GHz	238	2628	NA	NA
Intel Celeron 2.66GHz	252	2613	NA	NA
Intel Celeron 2.70GHz	245	2623	NA	NA
Intel Celeron 2.80GHz	254	2609	NA	NA
Intel Celeron 2.93GHz	285	2566	NA	NA
Intel Celeron 3.06GHz	284	2567	NA	NA
Intel Celeron 3.20GHz	288	2558	NA	NA
Intel Celeron 3.33GHz	333	2499	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2507	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2510	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2365	11.27	\$39.99
Intel Celeron 430 @ 1.80GHz	492	2319	16.41	\$29.99
Intel Celeron 440 @ 2.00GHz	546	2281	6.84	\$79.95
Intel Celeron 450 @ 2.20GHz	626	2243	20.89	\$29.99
Intel Celeron 530 @ 1.73GHz	468	2346	20.37	\$23.00*
Intel Celeron 540 @ 1.86GHz	511	2308	NA	NA
Intel Celeron 550 @ 2.00GHz	514	2304	15.22	\$33.80
Intel Celeron 560 @ 2.13GHz	535	2291	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2300	NA	NA
Intel Celeron 600MHz	147	2700	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2414	NA	NA
Intel Celeron 743 @ 1.30GHz	435	2385	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2184	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2459	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2247	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2093	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1026	2024	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	1962	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	1943	39.12	\$29.99
Intel Celeron 877 @ 1.40GHz	1288	1877	NA	NA
Intel Celeron 887 @ 1.50GHz	1286	1879	NA	NA
Intel Celeron 900 @ 2.20GHz	677	2221	23.39	\$28.99
Intel Celeron 925 @ 2.30GHz	688	2213	NA	NA
Intel Celeron 1000M @ 1.80GHz	1674	1686	NA	NA
Intel Celeron 1000MHz	241	2626	NA	NA
Intel Celeron 1005M @ 1.90GHz	1817	1615	NA	NA
Intel Celeron 1007U @ 1.50GHz	1395	1818	7.55	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1521	1759	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1019Y @ 1.00GHz	926	2099	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1440	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1037U @ 1.80GHz	1736	1650	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1934	NA	NA
Intel Celeron 1066MHz	259	2603	NA	NA
Intel Celeron 1100MHz	174	2686	NA	NA
Intel Celeron 1133MHz	282	2572	NA	NA
Intel Celeron 1200MHz	244	2625	NA	NA
Intel Celeron 1300MHz	288	2560	NA	NA
Intel Celeron 1333MHz	290	2554	NA	NA
Intel Celeron 1400MHz	302	2537	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1384	NA	NA
Intel Celeron 2950M @ 2.00GHz	2018	1518	NA	NA
Intel Celeron 2955U @ 1.40GHz	1433	1802	NA	NA
Intel Celeron 2957U @ 1.40GHz	1451	1792	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	1976	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1396	NA	NA
Intel Celeron 2980U @ 1.60GHz	1576	1740	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1741	NA	NA
Intel Celeron 3205U @ 1.50GHz	1541	1750	5.37	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1639	1705	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1670	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1529	NA	NA
Intel Celeron 3855U @ 1.60GHz	1657	1697	NA	NA
Intel Celeron 3865U @ 1.80GHz	1932	1556	NA	NA
Intel Celeron 3955U @ 2.00GHz	1801	1621	NA	NA
Intel Celeron 3965U @ 2.20GHz	2462	1347	23.02	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1619	1715	15.14	\$107.00*
Intel Celeron @ 1.30GHz	965	2068	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2674	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2157	NA	NA
Intel Celeron B800 @ 1.50GHz	1280	1885	NA	NA
Intel Celeron B810 @ 1.60GHz	1402	1814	NA	NA
Intel Celeron B815 @ 1.60GHz	1370	1829	NA	NA
Intel Celeron B820 @ 1.70GHz	1427	1804	36.33	\$39.29
Intel Celeron B830 @ 1.80GHz	1519	1763	NA	NA
Intel Celeron B840 @ 1.90GHz	1725	1654	NA	NA
Intel Celeron D 347 @ 3.06GHz	272	2589	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2538	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2514	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2498	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2417	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2337	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2262	NA	NA
Intel Celeron E1200 @ 1.60GHz	861	2130	3.83	\$225.00
Intel Celeron E1400 @ 2.00GHz	1047	2012	1.65	\$635.00
Intel Celeron E1500 @ 2.20GHz	1166	1949	18.44	\$63.25*
Intel Celeron E1600 @ 2.40GHz	1260	1896	NA	NA
Intel Celeron E3200 @ 2.40GHz	1391	1819	26.77	\$51.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron E3300 @ 2.50GHz	1391	1820	2.53	\$550.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron E3400 @ 2.60GHz	1442	1798	28.93	\$49.85
Intel Celeron E3500 @ 2.70GHz	1454	1790	36.37	\$39.99
Intel Celeron G440 @ 1.60GHz	690	2212	13.81	\$49.99
Intel Celeron G460 @ 1.80GHz	1028	2021	15.83	\$65.00
Intel Celeron G465 @ 1.90GHz	1074	2003	35.82	\$29.99
Intel Celeron G470 @ 2.00GHz	1298	1868	NA	NA
Intel Celeron G530 @ 2.40GHz	2148	1465	53.74	\$39.99
Intel Celeron G530T @ 2.00GHz	1604	1725	NA	NA
Intel Celeron G540 @ 2.50GHz	2200	1449	87.92	\$25.03*
Intel Celeron G540T @ 2.10GHz	2114	1480	NA	NA
Intel Celeron G550 @ 2.60GHz	2288	1408	114.47	\$19.99
Intel Celeron G550T @ 2.20GHz	2063	1500	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1361	15.77	\$153.59
Intel Celeron G1101 @ 2.27GHz	1667	1691	115.47	\$14.44
Intel Celeron G1610 @ 2.60GHz	2495	1336	99.84	\$24.99
Intel Celeron G1610T @ 2.30GHz	2304	1399	57.55	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2582	1306	16.81	\$153.59
Intel Celeron G1620T @ 2.40GHz	2353	1386	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2483	1341	49.68	\$49.99
Intel Celeron G1820 @ 2.70GHz	2763	1251	18.42	\$149.99
Intel Celeron G1820T @ 2.40GHz	2505	1332	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1472	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1317	36.35	\$69.99
Intel Celeron G1840 @ 2.80GHz	2865	1214	47.77	\$59.99
Intel Celeron G1840T @ 2.50GHz	2605	1296	NA	NA
Intel Celeron G1850 @ 2.90GHz	2902	1204	41.47	\$69.99
Intel Celeron G3900 @ 2.80GHz	3030	1159	77.72	\$38.99
Intel Celeron G3900E @ 2.40GHz	2679	1275	NA	NA
Intel Celeron G3900T @ 2.60GHz	2902	1205	NA	NA
Intel Celeron G3920 @ 2.90GHz	3421	1043	85.65	\$39.95
Intel Celeron G3930 @ 2.90GHz	3050	1151	NA	NA
Intel Celeron G3950 @ 3.00GHz	3334	1069	46.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3031	1158	70.48	\$43.02
Intel Celeron G4900T @ 2.90GHz	2960	1180	NA	NA
Intel Celeron J1750 @ 2.41GHz	1037	2019	NA	NA
Intel Celeron J1800 @ 2.41GHz	1024	2026	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1719	NA	NA
Intel Celeron J1900 @ 1.99GHz	1862	1591	NA	NA
Intel Celeron J3060 @ 1.60GHz	972	2061	NA	NA
Intel Celeron J3160 @ 1.60GHz	1788	1627	NA	NA
Intel Celeron J3355 @ 2.00GHz	1229	1913	NA	NA
Intel Celeron J3455 @ 1.50GHz	2145	1467	5.36	\$399.99
Intel Celeron M 1.00GHz	207	2657	17.29	\$11.99*
Intel Celeron M 1.30GHz	316	2513	NA	NA
Intel Celeron M 1.50GHz	343	2490	NA	NA
Intel Celeron M 1.60GHz	365	2466	NA	NA
Intel Celeron M 1.70GHz	393	2434	NA	NA
Intel Celeron M 360 1.40GHz	327	2504	NA	NA
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)
Intel Celeron M 410 @ 1.46GHz	315	2515	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2493	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2462	NA	NA
Intel Celeron M 440 @ 1.86GHz	412	2404	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2610	NA	NA
Intel Celeron M 450 @ 2.00GHz	455	2360	NA	NA
Intel Celeron M 520 @ 1.60GHz	434	2389	NA	NA
Intel Celeron M 530 @ 1.73GHz	459	2356	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2285	NA	NA
Intel Celeron M 600MHz	151	2698	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2359	NA	NA
Intel Celeron M 900MHz	202	2661	NA	NA
Intel Celeron M 1200MHz	275	2587	NA	NA
Intel Celeron M 1300MHz	303	2534	NA	NA
Intel Celeron M 1500MHz	332	2501	NA	NA
Intel Celeron M ULV 800MHz	184	2679	NA	NA
Intel Celeron N2805 @ 1.46GHz	454	2361	NA	NA
Intel Celeron N2806 @ 1.60GHz	789	2166	NA	NA
Intel Celeron N2807 @ 1.58GHz	853	2137	NA	NA
Intel Celeron N2808 @ 1.58GHz	927	2096	NA	NA
Intel Celeron N2810 @ 2.00GHz	777	2169	5.55	\$139.99*
Intel Celeron N2815 @ 1.86GHz	863	2128	NA	NA
Intel Celeron N2820 @ 2.13GHz	942	2087	5.04	\$187.00
Intel Celeron N2830 @ 2.16GHz	951	2080	NA	NA
Intel Celeron N2840 @ 2.16GHz	1005	2040	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	1929	NA	NA
Intel Celeron N2920 @ 1.86GHz	1516	1766	NA	NA
Intel Celeron N2930 @ 1.83GHz	1633	1709	NA	NA
Intel Celeron N2940 @ 1.83GHz	1734	1651	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2116	NA	NA
Intel Celeron N3010 @ 1.04GHz	953	2079	NA	NA
Intel Celeron N3050 @ 1.60GHz	881	2122	7.38	\$119.42*
Intel Celeron N3060 @ 1.60GHz	991	2053	NA	NA
Intel Celeron N3150 @ 1.60GHz	1656	1699	NA	NA
Intel Celeron N3160 @ 1.60GHz	1702	1671	5.93	\$286.99*
Intel Celeron N3350 @ 1.10GHz	1123	1968	NA	NA
Intel Celeron N3450 @ 1.10GHz	1827	1610	10.86	\$168.25
Intel Celeron P4500 @ 1.87GHz	1139	1966	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2051	NA	NA
Intel Celeron P4600 @ 2.00GHz	1340	1845	NA	NA
Intel Celeron SU2300 @ 1.20GHz	776	2170	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2081	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2008	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1667	NA	NA
Intel Celeron U3400 @ 1.07GHz	733	2189	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2216	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2161	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1047	2013	4.66	\$225.00
Intel Core2 Duo E4400 @ 2.00GHz	1158	1952	23.18	\$49.99

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)
Intel Core2 Duo E4500 @ 2.20GHz	1275	1888	31.89	\$39.99
Intel Core2 Duo E4600 @ 2.40GHz	1385	1821	8.77	\$157.95
Intel Core2 Duo E4700 @ 2.60GHz	1484	1780	14.85	\$100.00*
Intel Core2 Duo E6300 @ 1.86GHz	1110	1975	7.03	\$157.95
Intel Core2 Duo E6320 @ 1.86GHz	1184	1936	7.50	\$157.95
Intel Core2 Duo E6400 @ 2.13GHz	1290	1875	25.82	\$49.99
Intel Core2 Duo E6420 @ 2.13GHz	1362	1834	8.63	\$157.95
Intel Core2 Duo E6540 @ 2.33GHz	1457	1789	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1499	1774	29.99	\$49.99
Intel Core2 Duo E6600 @ 2.40GHz	1553	1747	103.67	\$14.99
Intel Core2 Duo E6700 @ 2.66GHz	1694	1677	56.51	\$29.99
Intel Core2 Duo E6750 @ 2.66GHz	1716	1658	7.63	\$225.00
Intel Core2 Duo E6850 @ 3.00GHz	1952	1544	39.05	\$49.99
Intel Core2 Duo E7200 @ 2.53GHz	1636	1708	21.82	\$75.00
Intel Core2 Duo E7300 @ 2.66GHz	1726	1653	7.67	\$225.00
Intel Core2 Duo E7400 @ 2.80GHz	1776	1631	59.30	\$29.95
Intel Core2 Duo E7500 @ 2.93GHz	1874	1587	125.06	\$14.99
Intel Core2 Duo E7600 @ 3.06GHz	1978	1534	16.49	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1523	1757	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1765	1635	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1887	1581	37.76	\$49.99
Intel Core2 Duo E8235 @ 2.80GHz	1953	1542	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1385	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1999	1526	100.04	\$19.99
Intel Core2 Duo E8335 @ 2.66GHz	1846	1598	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1474	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2154	1462	38.82	\$55.49*
Intel Core2 Duo E8435 @ 3.06GHz	2127	1475	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2285	1411	57.16	\$39.99
Intel Core2 Duo E8600 @ 3.33GHz	2409	1366	48.20	\$49.99
Intel Core2 Duo E8700 @ 3.50GHz	2212	1444	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2175	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2217	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	841	2142	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2139	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	963	2070	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	965	2069	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	1969	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	2005	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1339	1846	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	1876	64.53	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	1867	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1420	1807	35.52	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2083	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1523	1756	6.62	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1450	1794	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2028	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1458	1788	4.91	\$297.01*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P8600 @ 2.40GHz	1540	1751	31.32	\$49.18*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P8700 @ 2.53GHz	1628	1712	42.88	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1746	1644	30.65	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1744	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1765	1634	1.77	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1768	1633	17.86	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1878	1585	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2012	1520	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2259	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1268	1894	5.01	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1685	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	931	2094	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	829	2149	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	832	2147	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	816	2156	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	936	2092	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2110	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	909	2113	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2103	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1046	2014	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1028	2022	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	989	2056	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1093	1987	109.44	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1110	1974	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1191	1933	74.91	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1143	1963	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	1924	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1225	1916	81.77	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1287	1878	85.86	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1250	1903	32.49	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1363	1832	72.15	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1368	1830	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1014	2032	46.14	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1166	1948	11.67	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1112	1973	5.52	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1194	1931	38.54	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1244	1908	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1274	1889	29.64	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1375	1827	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1417	1808	30.17	\$46.99*
Intel Core2 Duo T7800 @ 2.60GHz	1614	1720	2.65	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1293	1870	1.29	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1477	1782	6.91	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1667	1690	28.76	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1737	1649	24.83	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1807	1617	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1800	1622	6.02	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1559	21.43	\$89.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T9800 @ 2.93GHz	2019	1517	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2127	1476	5.33	\$398.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo U7300 @ 1.30GHz	868	2127	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	582	2264	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	664	2223	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2209	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2132	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1131	1967	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1679	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3651	989	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3639	991	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3464	1035	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1869	1590	7.09	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1620	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1851	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1706	1665	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1906	1565	4.65	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2055	1506	2.41	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4166	880	4.58	\$909.00*
Intel Core2 Extreme X9750 @ 3.16GHz	4597	793	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4611	789	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	778	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2957	1182	73.97	\$39.99
Intel Core2 Quad Q6700 @ 2.66GHz	3287	1078	73.07	\$44.99
Intel Core2 Quad Q8200 @ 2.33GHz	2815	1231	122.46	\$22.99
Intel Core2 Quad Q8300 @ 2.50GHz	2989	1172	59.80	\$49.99
Intel Core2 Quad Q8400 @ 2.66GHz	3176	1110	31.92	\$99.50*
Intel Core2 Quad Q9000 @ 2.00GHz	2528	1323	6.50	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3244	1092	8.41	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3163	1116	63.27	\$49.99
Intel Core2 Quad Q9400 @ 2.66GHz	3352	1064	98.67	\$33.98
Intel Core2 Quad Q9450 @ 2.66GHz	3765	961	11.24	\$335.00
Intel Core2 Quad Q9500 @ 2.83GHz	3557	1012	104.66	\$33.99
Intel Core2 Quad Q9505 @ 2.83GHz	3583	1005	18.86	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3978	912	79.59	\$49.99
Intel Core2 Quad Q9650 @ 3.00GHz	4185	875	34.88	\$119.99
Intel Core2 Quad Q9705 @ 3.16GHz	3947	918	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	303	2533	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2523	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2401	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	466	2348	NA	NA
Intel Core 330 @ 1.60GHz	643	2234	NA	NA
Intel Core 860 @ 2.80GHz	4555	802	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2197	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2201	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2193	NA	NA
Intel Core Duo T2050 @ 1.60GHz	698	2210	NA	NA
Intel Core Duo T2250 @ 1.73GHz	758	2180	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2300 @ 1.66GHz	730	2190	NA	NA
Intel Core Duo T2350 @ 1.86GHz	760	2176	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2164	49.64	\$16.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2450 @ 2.00GHz	822	2151	NA	NA
Intel Core Duo T2500 @ 2.00GHz	869	2125	7.24	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	941	2089	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2027	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2284	NA	NA
Intel Core Duo U2500 @ 1.20GHz	517	2301	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1554	NA	NA
Intel Core i3-330M @ 2.13GHz	1791	1626	36.89	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1074	2002	NA	NA
Intel Core i3-350M @ 2.27GHz	1894	1576	49.78	\$38.06
Intel Core i3-370M @ 2.40GHz	2017	1519	50.50	\$39.96
Intel Core i3-380M @ 2.53GHz	2095	1489	42.77	\$49.00*
Intel Core i3-380UM @ 1.33GHz	1166	1947	NA	NA
Intel Core i3-390M @ 2.67GHz	2176	1457	55.87	\$38.95*
Intel Core i3-530 @ 2.93GHz	2572	1309	128.62	\$20.00
Intel Core i3-540 @ 3.07GHz	2690	1272	128.10	\$21.00
Intel Core i3-550 @ 3.20GHz	2825	1224	15.70	\$179.95
Intel Core i3-560 @ 3.33GHz	2943	1187	98.18	\$29.98
Intel Core i3-2100 @ 3.10GHz	3683	983	122.78	\$30.00
Intel Core i3-2100T @ 2.50GHz	2911	1198	48.54	\$59.99
Intel Core i3-2102 @ 3.10GHz	3736	969	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3721	972	31.54	\$118.00
Intel Core i3-2120 @ 3.30GHz	3920	926	130.67	\$30.00
Intel Core i3-2120T @ 2.60GHz	3160	1122	29.27	\$107.98
Intel Core i3-2125 @ 3.30GHz	4020	902	20.20	\$199.00
Intel Core i3-2130 @ 3.40GHz	4061	893	58.03	\$69.99
Intel Core i3-2140 @ 3.50GHz	4325	849	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1219	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2427	1359	53.95	\$44.99
Intel Core i3-2312M @ 2.10GHz	2381	1374	NA	NA
Intel Core i3-2328M @ 2.20GHz	2534	1320	27.27	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1142	NA	NA
Intel Core i3-2330M @ 2.20GHz	2523	1324	14.83	\$170.20
Intel Core i3-2332M @ 2.20GHz	2382	1373	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1656	NA	NA
Intel Core i3-2348M @ 2.30GHz	2622	1289	NA	NA
Intel Core i3-2350M @ 2.30GHz	2618	1291	62.40	\$41.97*
Intel Core i3-2357M @ 1.30GHz	1556	1746	NA	NA
Intel Core i3-2365M @ 1.40GHz	1679	1683	NA	NA
Intel Core i3-2367M @ 1.40GHz	1703	1668	NA	NA
Intel Core i3-2370M @ 2.40GHz	2770	1246	46.95	\$59.00
Intel Core i3-2375M @ 1.50GHz	1781	1628	NA	NA
Intel Core i3-2377M @ 1.50GHz	1830	1608	NA	NA
Intel Core i3-3110M @ 2.40GHz	3073	1141	21.96	\$139.95
Intel Core i3-3120M @ 2.50GHz	3217	1101	20.11	\$160.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3130M @ 2.60GHz	3374	1059	NA	NA
Intel Core i3-3210 @ 3.20GHz	4033	898	40.34	\$99.99
Intel Core i3-3217U @ 1.80GHz	2301	1401	6.63	\$347.12*
Intel Core i3-3217UE @ 1.60GHz	2162	1461	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3220 @ 3.30GHz	4234	865	65.65	\$64.49
Intel Core i3-3220T @ 2.80GHz	3700	981	37.01	\$99.99
Intel Core i3-3225 @ 3.30GHz	4338	846	43.39	\$99.99
Intel Core i3-3227U @ 1.90GHz	2461	1348	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1694	1676	NA	NA
Intel Core i3-3240 @ 3.40GHz	4314	850	54.35	\$79.39
Intel Core i3-3240T @ 2.90GHz	3668	987	NA	NA
Intel Core i3-3245 @ 3.40GHz	4424	823	37.50	\$118.00
Intel Core i3-3250 @ 3.50GHz	4452	817	46.87	\$94.99
Intel Core i3-3250T @ 3.00GHz	3021	1160	NA	NA
Intel Core i3-4000M @ 2.40GHz	3238	1093	16.20	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2447	1353	NA	NA
Intel Core i3-4010U @ 1.70GHz	2439	1355	19.62	\$124.31
Intel Core i3-4010Y @ 1.30GHz	1897	1573	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2138	1470	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2206	1447	NA	NA
Intel Core i3-4025U @ 1.90GHz	2777	1244	NA	NA
Intel Core i3-4030U @ 1.90GHz	2705	1267	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1331	NA	NA
Intel Core i3-4100M @ 2.50GHz	3465	1034	15.85	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	935	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1206	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1152	NA	NA
Intel Core i3-4130 @ 3.40GHz	4793	757	29.01	\$165.25
Intel Core i3-4130T @ 2.90GHz	4133	885	46.44	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4899	736	44.54	\$110.00
Intel Core i3-4150T @ 3.00GHz	4260	860	18.53	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1197	NA	NA
Intel Core i3-4160 @ 3.60GHz	5054	708	35.30	\$143.19
Intel Core i3-4160T @ 3.10GHz	4392	831	29.28	\$149.99
Intel Core i3-4170 @ 3.70GHz	5186	687	35.65	\$145.48
Intel Core i3-4170T @ 3.20GHz	4591	795	30.62	\$149.95*
Intel Core i3-4330 @ 3.50GHz	5088	701	15.00	\$339.19
Intel Core i3-4330T @ 3.00GHz	4482	816	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3161	1118	NA	NA
Intel Core i3-4340 @ 3.60GHz	5237	680	30.81	\$169.99
Intel Core i3-4350 @ 3.60GHz	4963	724	29.20	\$169.99
Intel Core i3-4350T @ 3.10GHz	4302	852	NA	NA
Intel Core i3-4360 @ 3.70GHz	5455	649	19.49	\$279.95
Intel Core i3-4360T @ 3.20GHz	4636	782	NA	NA
Intel Core i3-4370 @ 3.80GHz	5599	627	12.44	\$449.97
Intel Core i3-4370T @ 3.30GHz	4832	748	35.02	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	731	NA	NA
Intel Core i3-5005U @ 2.00GHz	2907	1200	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-5010U @ 2.10GHz	3060	1149	10.07	\$303.93*
Intel Core i3-5015U @ 2.10GHz	3040	1156	NA	NA
Intel Core i3-5020U @ 2.20GHz	3186	1107	6.94	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3668	986	NA	NA
Intel Core i3-6006U @ 2.00GHz	3108	1132	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-6098P @ 3.60GHz	5436	654	40.65	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5492	640	47.77	\$114.99
Intel Core i3-6100E @ 2.70GHz	3769	959	NA	NA
Intel Core i3-6100H @ 2.70GHz	4230	866	NA	NA
Intel Core i3-6100T @ 3.20GHz	4845	746	38.29	\$126.53
Intel Core i3-6100TE @ 2.70GHz	4337	847	NA	NA
Intel Core i3-6100U @ 2.30GHz	3605	996	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3833	942	NA	NA
Intel Core i3-6300 @ 3.80GHz	5853	596	42.47	\$137.84
Intel Core i3-6300T @ 3.30GHz	5245	679	37.47	\$139.99
Intel Core i3-6320 @ 3.90GHz	6045	577	39.51	\$152.99
Intel Core i3-7020U @ 2.30GHz	3664	988	13.04	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5787	603	50.33	\$114.99
Intel Core i3-7100H @ 3.00GHz	4768	760	21.19	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5078	703	NA	NA
Intel Core i3-7100U @ 2.40GHz	3824	944	12.51	\$305.61
Intel Core i3-7101TE @ 3.40GHz	5016	714	42.88	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4110	889	14.63	\$281.00*
Intel Core i3-7300 @ 4.00GHz	6438	543	40.52	\$158.89*
Intel Core i3-7300T @ 3.50GHz	5366	661	NA	NA
Intel Core i3-7320 @ 4.10GHz	6541	530	36.36	\$179.90*
Intel Core i3-7350K @ 4.20GHz	6618	524	36.77	\$179.99
Intel Core i3-8100 @ 3.60GHz	8075	395	67.30	\$119.99
Intel Core i3-8130U @ 2.20GHz	5217	682	18.57	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8841	342	55.17	\$160.24
Intel Core i3-8300T @ 3.20GHz	8009	405	35.13	\$227.99*
Intel Core i3-8350K @ 4.00GHz	9234	310	50.72	\$182.08
Intel Core i5 750S @ 2.40GHz	2197	1450	21.97	\$99.99
Intel Core i5 E 520 @ 2.40GHz	2486	1340	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3627	993	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3900	928	NA	NA
Intel Core i5-430M @ 2.27GHz	2100	1488	15.01	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1339	1847	NA	NA
Intel Core i5-450M @ 2.40GHz	2112	1483	66.11	\$31.95*
Intel Core i5-460M @ 2.53GHz	2328	1390	31.07	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	1999	NA	NA
Intel Core i5-480M @ 2.67GHz	2410	1365	29.91	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1435	NA	NA
Intel Core i5-520M @ 2.40GHz	2371	1379	39.53	\$59.99
Intel Core i5-520UM @ 1.07GHz	1356	1838	NA	NA
Intel Core i5-540M @ 2.53GHz	2448	1352	12.89	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1415	1809	NA	NA
Intel Core i5-560M @ 2.67GHz	2588	1301	31.58	\$81.97

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-560UM @ 1.33GHz	1664	1693	NA	NA
Intel Core i5-580M @ 2.67GHz	2617	1292	10.15	\$258.00*
Intel Core i5-650 @ 3.20GHz	3105	1133	88.54	\$35.08
Intel Core i5-655K @ 3.20GHz	3399	1051	56.67	\$59.99
Intel Core i5-660 @ 3.33GHz	3258	1088	81.45	\$40.00
Intel Core i5-661 @ 3.33GHz	3180	1108	12.62	\$252.01
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-670 @ 3.47GHz	3312	1074	36.82	\$89.99
Intel Core i5-680 @ 3.60GHz	3513	1020	39.05	\$89.99
Intel Core i5-750 @ 2.67GHz	3700	980	24.67	\$150.00
Intel Core i5-760 @ 2.80GHz	3896	930	38.97	\$99.99
Intel Core i5-2300 @ 2.80GHz	5349	668	32.44	\$164.91
Intel Core i5-2310 @ 2.90GHz	5525	639	78.96	\$69.98
Intel Core i5-2320 @ 3.00GHz	5753	608	22.13	\$259.95
Intel Core i5-2380P @ 3.10GHz	5679	617	31.55	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4260	859	42.65	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5949	583	70.83	\$83.99
Intel Core i5-2400S @ 2.50GHz	4952	727	32.95	\$150.34
Intel Core i5-2405S @ 2.50GHz	5051	709	30.72	\$164.40*
Intel Core i5-2410M @ 2.30GHz	3167	1113	40.57	\$78.07
Intel Core i5-2415M @ 2.30GHz	3299	1077	NA	NA
Intel Core i5-2430M @ 2.40GHz	3282	1080	36.47	\$90.00
Intel Core i5-2435M @ 2.40GHz	3225	1097	NA	NA
Intel Core i5-2450M @ 2.50GHz	3398	1053	26.14	\$130.00*
Intel Core i5-2450P @ 3.20GHz	6132	568	68.15	\$89.99
Intel Core i5-2467M @ 1.60GHz	2337	1388	NA	NA
Intel Core i5-2500 @ 3.30GHz	6327	553	57.52	\$109.99
Intel Core i5-2500K @ 3.30GHz	6475	536	47.27	\$136.99
Intel Core i5-2500S @ 2.70GHz	5304	674	27.92	\$190.00
Intel Core i5-2500T @ 2.30GHz	4680	775	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	984	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1073	NA	NA
Intel Core i5-2520M @ 2.50GHz	3584	1003	21.13	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2090	1491	NA	NA
Intel Core i5-2540M @ 2.60GHz	3785	957	42.07	\$89.97
Intel Core i5-2550K @ 3.40GHz	6700	515	67.01	\$99.99
Intel Core i5-2557M @ 1.70GHz	2651	1282	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	965	NA	NA
Intel Core i5-3210M @ 2.50GHz	3819	946	31.75	\$120.29
Intel Core i5-3230M @ 2.60GHz	3936	923	15.77	\$249.65*
Intel Core i5-3317U @ 1.70GHz	3089	1136	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4114	888	33.52	\$122.74*
Intel Core i5-3330 @ 3.00GHz	5926	587	16.47	\$359.95*
Intel Core i5-3330S @ 2.70GHz	5664	619	56.65	\$99.99
Intel Core i5-3335S @ 2.70GHz	5788	602	NA	NA
Intel Core i5-3337U @ 1.80GHz	3218	1100	14.31	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2237	1438	NA	NA
Intel Core i5-3340 @ 3.10GHz	6078	573	23.20	\$262.01
Intel Core i5-3340M @ 2.70GHz	4244	863	53.09	\$79.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3340S @ 2.80GHz	5819	600	38.80	\$149.99
Intel Core i5-3350P @ 3.10GHz	6141	565	36.13	\$169.99
Intel Core i5-3360M @ 2.80GHz	4417	827	20.81	\$212.35
Intel Core i5-3380M @ 2.90GHz	4418	825	NA	NA
Intel Core i5-3427U @ 1.80GHz	3547	1015	8.45	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3639	990	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1193	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3450 @ 3.10GHz	6513	533	50.11	\$129.99
Intel Core i5-3450S @ 2.80GHz	6202	558	62.03	\$99.99
Intel Core i5-3470 @ 3.20GHz	6681	517	55.09	\$121.30
Intel Core i5-3470S @ 2.90GHz	6345	552	44.83	\$141.56
Intel Core i5-3470T @ 2.90GHz	4489	815	19.87	\$226.00*
Intel Core i5-3475S @ 2.90GHz	6618	523	48.85	\$135.50
Intel Core i5-3550 @ 3.30GHz	6933	494	33.74	\$205.50
Intel Core i5-3550S @ 3.00GHz	6845	500	29.70	\$230.51*
Intel Core i5-3570 @ 3.40GHz	7094	480	50.68	\$139.99
Intel Core i5-3570K @ 3.40GHz	7167	472	48.43	\$147.99
Intel Core i5-3570S @ 3.10GHz	6705	514	23.53	\$285.00
Intel Core i5-3570T @ 2.30GHz	5877	591	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3786	956	NA	NA
Intel Core i5-4200H @ 2.80GHz	4439	820	NA	NA
Intel Core i5-4200M @ 2.50GHz	4039	897	22.44	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3285	1079	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1368	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2256	1427	NA	NA
Intel Core i5-4210H @ 2.90GHz	4540	805	NA	NA
Intel Core i5-4210M @ 2.60GHz	4191	872	13.52	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3400	1050	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2375	1378	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1426	NA	NA
Intel Core i5-4250U @ 1.30GHz	3456	1036	9.63	\$358.99*
Intel Core i5-4258U @ 2.40GHz	4077	891	NA	NA
Intel Core i5-4260U @ 1.40GHz	3593	1000	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	838	NA	NA
Intel Core i5-4288U @ 2.60GHz	4365	839	NA	NA
Intel Core i5-4300M @ 2.60GHz	4407	828	NA	NA
Intel Core i5-4300U @ 1.90GHz	3741	968	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2482	1342	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2967	1178	NA	NA
Intel Core i5-4308U @ 2.80GHz	4190	873	NA	NA
Intel Core i5-4310M @ 2.70GHz	4615	787	NA	NA
Intel Core i5-4310U @ 2.00GHz	3707	976	NA	NA
Intel Core i5-4330M @ 2.80GHz	4442	819	16.16	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4810	755	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	995	NA	NA
Intel Core i5-4400E @ 2.70GHz	1271	1892	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	919	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1235	10.55	\$266.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4430 @ 3.00GHz	6309	554	35.05	\$179.99
Intel Core i5-4430S @ 2.70GHz	5910	589	39.94	\$147.99*
Intel Core i5-4440 @ 3.10GHz	6488	535	38.17	\$169.99
Intel Core i5-4440S @ 2.80GHz	6198	560	13.39	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6705	513	35.29	\$189.99
Intel Core i5-4460S @ 2.90GHz	6401	549	9.70	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4953	726	NA	NA
Intel Core i5-4570 @ 3.20GHz	7109	477	39.50	\$179.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4570R @ 2.70GHz	6727	512	NA	NA
Intel Core i5-4570S @ 2.90GHz	6777	508	16.53	\$409.95
Intel Core i5-4570T @ 2.90GHz	4822	752	40.19	\$119.99
Intel Core i5-4570TE @ 2.70GHz	4008	907	20.04	\$199.99
Intel Core i5-4590 @ 3.30GHz	7285	464	38.35	\$189.98
Intel Core i5-4590S @ 3.00GHz	7002	489	14.06	\$497.99
Intel Core i5-4590T @ 2.00GHz	5582	631	NA	NA
Intel Core i5-4670 @ 3.40GHz	7427	453	39.30	\$188.99
Intel Core i5-4670K @ 3.40GHz	7629	436	30.52	\$249.99
Intel Core i5-4670K CPT @ 3.40GHz	7411	455	NA	NA
Intel Core i5-4670S @ 3.10GHz	6436	544	NA	NA
Intel Core i5-4670T @ 2.30GHz	6204	557	29.13	\$213.00
Intel Core i5-4690 @ 3.50GHz	7648	434	38.24	\$199.99
Intel Core i5-4690K @ 3.50GHz	7792	420	35.59	\$218.98
Intel Core i5-4690S @ 3.20GHz	7424	454	13.05	\$569.00*
Intel Core i5-4690T @ 2.50GHz	6459	538	NA	NA
Intel Core i5-5200U @ 2.20GHz	3490	1027	NA	NA
Intel Core i5-5250U @ 1.60GHz	3591	1002	8.13	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4400	829	NA	NA
Intel Core i5-5287U @ 2.90GHz	4681	774	NA	NA
Intel Core i5-5300U @ 2.30GHz	3800	951	7.71	\$493.06
Intel Core i5-5350U @ 1.80GHz	3316	1072	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	450	NA	NA
Intel Core i5-5675C @ 3.10GHz	8201	384	13.42	\$611.32*
Intel Core i5-5675R @ 3.10GHz	8054	397	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4171	878	NA	NA
Intel Core i5-6200U @ 2.30GHz	4014	903	NA	NA
Intel Core i5-6260U @ 1.80GHz	4364	840	8.41	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4959	725	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	764	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6085	572	NA	NA
Intel Core i5-6300U @ 2.40GHz	4374	835	NA	NA
Intel Core i5-6360U @ 2.00GHz	4836	747	NA	NA
Intel Core i5-6400 @ 2.70GHz	6759	510	42.51	\$159.00
Intel Core i5-6400T @ 2.20GHz	5588	630	33.07	\$169.00
Intel Core i5-6402P @ 2.80GHz	7105	478	37.40	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	604	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6782	507	NA	NA
Intel Core i5-6500 @ 3.20GHz	7236	467	36.55	\$198.00
Intel Core i5-6500T @ 2.50GHz	6250	555	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6500TE @ 2.30GHz	6585	527	NA	NA
Intel Core i5-6600 @ 3.30GHz	7757	423	35.26	\$219.99
Intel Core i5-6600K @ 3.50GHz	8051	399	36.11	\$222.95
Intel Core i5-6600T @ 2.70GHz	7310	462	39.73	\$183.99
Intel Core i5-7200U @ 2.50GHz	4639	781	NA	NA
Intel Core i5-7260U @ 2.20GHz	5705	615	NA	NA
Intel Core i5-7267U @ 3.10GHz	5068	705	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	621	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6834	503	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7300U @ 2.60GHz	5131	691	11.26	\$455.53
Intel Core i5-7360U @ 2.30GHz	5960	582	NA	NA
Intel Core i5-7400 @ 3.00GHz	7383	456	41.17	\$179.33
Intel Core i5-7400T @ 2.40GHz	6442	541	43.24	\$149.00
Intel Core i5-7440HQ @ 2.80GHz	7706	430	NA	NA
Intel Core i5-7500 @ 3.40GHz	8040	401	39.26	\$204.78
Intel Core i5-7500T @ 2.70GHz	7085	481	31.22	\$226.98
Intel Core i5-7600 @ 3.50GHz	8801	348	39.26	\$224.19
Intel Core i5-7600K @ 3.80GHz	9150	315	39.79	\$229.99
Intel Core i5-7600T @ 2.80GHz	8130	391	32.34	\$251.39
Intel Core i5-7640X @ 4.00GHz	9671	275	42.98	\$225.03
Intel Core i5-8250U @ 1.60GHz	7656	433	NA	NA
Intel Core i5-8300H @ 2.30GHz	9379	298	37.52	\$250.00*
Intel Core i5-8350U @ 1.70GHz	8262	380	27.82	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11759	176	48.56	\$242.16
Intel Core i5-8400H @ 2.50GHz	10050	245	40.20	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9644	276	21.86	\$441.26*
Intel Core i5-8500 @ 3.00GHz	12109	167	50.01	\$242.16*
Intel Core i5-8500T @ 2.10GHz	10359	218	32.17	\$321.99*
Intel Core i5-8600 @ 3.10GHz	12199	166	45.72	\$266.81*
Intel Core i5-8600K @ 3.60GHz	12835	148	53.71	\$238.99
Intel Core i5-8600T @ 2.30GHz	10995	194	43.07	\$255.29*
Intel Core i5-24050S @ 2.50GHz	4928	733	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3725	971	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1537	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1316	NA	NA
Intel Core i7-620LM @ 2.00GHz	1952	1543	NA	NA
Intel Core i7-620M @ 2.67GHz	2726	1264	7.47	\$365.00
Intel Core i7-620UM @ 1.07GHz	1323	1856	NA	NA
Intel Core i7-640LM @ 2.13GHz	2250	1431	NA	NA
Intel Core i7-640M @ 2.80GHz	2844	1218	17.78	\$159.95
Intel Core i7-640UM @ 1.20GHz	1666	1692	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1645	NA	NA
Intel Core i7-680UM @ 1.47GHz	1686	1681	NA	NA
Intel Core i7-720QM @ 1.60GHz	3017	1162	27.44	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3200	1104	29.11	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3235	1094	23.28	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3410	1046	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	5018	713	29.52	\$170.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-860S @ 2.53GHz	4711	766	23.56	\$199.99
Intel Core i7-870 @ 2.93GHz	5356	665	31.33	\$171.00
Intel Core i7-870S @ 2.67GHz	4969	723	NA	NA
Intel Core i7-875K @ 2.93GHz	5445	652	27.23	\$199.99
Intel Core i7-880 @ 3.07GHz	5610	626	9.62	\$583.00*
Intel Core i7-920 @ 2.67GHz	4933	732	14.73	\$335.00
Intel Core i7-920XM @ 2.00GHz	3757	964	11.78	\$318.93*
Intel Core i7-930 @ 2.80GHz	5149	689	29.59	\$174.00
Intel Core i7-940 @ 2.93GHz	5362	663	51.57	\$103.99
Intel Core i7-940XM @ 2.13GHz	3941	921	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-950 @ 3.07GHz	5562	632	18.54	\$299.99
Intel Core i7-960 @ 3.20GHz	5829	599	58.30	\$99.99
Intel Core i7-965 @ 3.20GHz	5860	594	41.87	\$139.99
Intel Core i7-970 @ 3.20GHz	8407	372	15.44	\$544.64
Intel Core i7-975 @ 3.33GHz	6135	566	36.09	\$169.99
Intel Core i7-980 @ 3.33GHz	8692	354	43.46	\$199.99
Intel Core i7-980X @ 3.33GHz	8809	346	40.04	\$219.99
Intel Core i7-985 @ 3.47GHz	6641	520	NA	NA
Intel Core i7-990X @ 3.47GHz	9101	319	17.88	\$509.00
Intel Core i7-995X @ 3.60GHz	9791	262	NA	NA
Intel Core i7-2600 @ 3.40GHz	8199	385	48.24	\$169.98
Intel Core i7-2600K @ 3.40GHz	8454	369	30.20	\$279.99
Intel Core i7-2600S @ 2.80GHz	7077	484	35.39	\$199.99
Intel Core i7-2610UE @ 1.50GHz	2481	1344	NA	NA
Intel Core i7-2617M @ 1.50GHz	2818	1228	NA	NA
Intel Core i7-2620M @ 2.70GHz	3836	941	21.41	\$179.21*
Intel Core i7-2630QM @ 2.00GHz	5537	636	42.93	\$129.00*
Intel Core i7-2630UM @ 1.60GHz	2584	1303	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5460	648	NA	NA
Intel Core i7-2637M @ 1.70GHz	2906	1201	NA	NA
Intel Core i7-2640M @ 2.80GHz	3936	924	20.26	\$194.29*
Intel Core i7-2655LE @ 2.20GHz	3161	1120	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5899	590	22.78	\$259.00*
Intel Core i7-2675QM @ 2.20GHz	5550	634	NA	NA
Intel Core i7-2677M @ 1.80GHz	2834	1221	NA	NA
Intel Core i7-2700K @ 3.50GHz	8723	350	30.19	\$288.99
Intel Core i7-2710QE @ 2.10GHz	5768	606	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	662	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6110	570	32.17	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6582	528	47.03	\$139.95*
Intel Core i7-2820QM @ 2.30GHz	6634	521	26.43	\$251.04*
Intel Core i7-2840QM @ 2.40GHz	6766	509	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7007	487	11.68	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7040	486	11.56	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7154	474	17.45	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3594	999	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1070	NA	NA
Intel Core i7-3520M @ 2.90GHz	4534	808	19.30	\$235.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3537U @ 2.00GHz	3849	937	NA	NA
Intel Core i7-3540M @ 3.00GHz	4639	779	10.79	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	4130	886	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	539	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7471	449	18.68	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6562	529	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6829	504	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	459	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7374	457	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7586	440	31.74	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6939	492	20.71	\$335.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3635QM @ 2.40GHz	6669	518	NA	NA
Intel Core i7-3667U @ 2.00GHz	3995	909	NA	NA
Intel Core i7-3687U @ 2.10GHz	4172	877	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3269	1081	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8125	393	24.28	\$334.72*
Intel Core i7-3740QM @ 2.70GHz	8338	375	34.75	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9298	306	51.66	\$179.99
Intel Core i7-3770K @ 3.50GHz	9527	281	24.43	\$389.98
Intel Core i7-3770S @ 3.10GHz	8879	337	41.51	\$213.90
Intel Core i7-3770T @ 2.50GHz	8190	386	24.82	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9004	328	45.03	\$199.99
Intel Core i7-3820QM @ 2.70GHz	8451	370	17.35	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8804	347	26.28	\$335.00
Intel Core i7-3920XM @ 2.90GHz	9151	314	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	12010	170	20.02	\$599.99
Intel Core i7-3940XM @ 3.00GHz	9308	304	17.27	\$539.00
Intel Core i7-3960X @ 3.30GHz	12626	155	16.09	\$784.78
Intel Core i7-3970X @ 3.50GHz	12661	153	29.11	\$435.00
Intel Core i7-4500U @ 1.80GHz	3788	953	NA	NA
Intel Core i7-4510U @ 2.00GHz	3935	925	NA	NA
Intel Core i7-4550U @ 1.50GHz	3760	962	NA	NA
Intel Core i7-4558U @ 2.80GHz	4369	836	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	848	NA	NA
Intel Core i7-4578U @ 3.00GHz	4758	762	NA	NA
Intel Core i7-4600M @ 2.90GHz	4852	744	NA	NA
Intel Core i7-4600U @ 2.10GHz	4110	890	NA	NA
Intel Core i7-4610M @ 3.00GHz	4973	722	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	967	NA	NA
Intel Core i7-4650U @ 1.70GHz	3978	913	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	471	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7737	426	20.20	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7694	431	40.71	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7485	448	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7137	476	21.30	\$335.07*
Intel Core i7-4710HQ @ 2.50GHz	7745	425	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7987	407	29.41	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7513	444	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4712MQ @ 2.30GHz	7166	473	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8011	404	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	398	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8284	379	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	362	NA	NA
Intel Core i7-4765T @ 2.00GHz	7305	463	27.06	\$269.99*
Intel Core i7-4770 @ 3.40GHz	9791	263	40.80	\$239.99
Intel Core i7-4770HQ @ 2.20GHz	8948	334	NA	NA
Intel Core i7-4770K @ 3.50GHz	10102	240	34.84	\$289.98
Intel Core i7-4770R @ 3.20GHz	9828	261	NA	NA
Intel Core i7-4770S @ 3.10GHz	9340	300	14.03	\$666.00
Intel Core i7-4770T @ 2.50GHz	8634	360	21.59	\$399.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4770TE @ 2.30GHz	6615	525	NA	NA
Intel Core i7-4771 @ 3.50GHz	9877	259	32.93	\$299.99
Intel Core i7-4785T @ 2.20GHz	7606	439	NA	NA
Intel Core i7-4790 @ 3.60GHz	9994	249	29.40	\$339.99
Intel Core i7-4790K @ 4.00GHz	11186	183	35.07	\$318.99
Intel Core i7-4790S @ 3.20GHz	9564	280	23.91	\$399.99
Intel Core i7-4790T @ 2.70GHz	9065	322	25.25	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8501	365	16.67	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8662	358	20.38	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9725	271	13.70	\$709.99
Intel Core i7-4850HQ @ 2.30GHz	9001	329	20.74	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7925	413	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9234	309	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9348	299	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9052	323	15.43	\$586.67
Intel Core i7-4910MQ @ 2.90GHz	9442	291	20.53	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13030	144	32.58	\$399.99
Intel Core i7-4930MX @ 3.00GHz	9516	282	8.68	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9891	257	14.99	\$659.95*
Intel Core i7-4960HQ @ 2.60GHz	9778	266	15.70	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13805	127	15.34	\$899.99
Intel Core i7-4980HQ @ 2.80GHz	10202	229	NA	NA
Intel Core i7-5500U @ 2.40GHz	3973	915	NA	NA
Intel Core i7-5550U @ 2.00GHz	4271	855	NA	NA
Intel Core i7-5557U @ 3.10GHz	4938	730	7.01	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4309	851	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	867	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	388	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	383	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8367	373	NA	NA
Intel Core i7-5775C @ 3.30GHz	11009	193	28.23	\$389.99
Intel Core i7-5775R @ 3.30GHz	10848	198	NA	NA
Intel Core i7-5820K @ 3.30GHz	12995	145	48.13	\$269.99
Intel Core i7-5850HQ @ 2.70GHz	9459	290	NA	NA
Intel Core i7-5930K @ 3.50GHz	13637	131	27.28	\$499.99
Intel Core i7-5950HQ @ 2.90GHz	10949	195	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5960X @ 3.00GHz	15976	81	19.97	\$799.99
Intel Core i7-6498DU @ 2.50GHz	4538	807	NA	NA
Intel Core i7-6500U @ 2.50GHz	4430	822	NA	NA
Intel Core i7-6560U @ 2.20GHz	4813	754	NA	NA
Intel Core i7-6567U @ 3.30GHz	5639	623	NA	NA
Intel Core i7-6600U @ 2.60GHz	4804	756	NA	NA
Intel Core i7-6650U @ 2.20GHz	4944	729	NA	NA
Intel Core i7-6700 @ 3.40GHz	10010	248	32.91	\$304.18
Intel Core i7-6700HQ @ 2.60GHz	8136	390	5.39	\$1,509.00*
Intel Core i7-6700K @ 4.00GHz	11113	185	27.78	\$399.99
Intel Core i7-6700T @ 2.80GHz	9036	324	33.47	\$269.99*
Intel Core i7-6700TE @ 2.40GHz	8818	345	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9711	273	9.69	\$1,001.88*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6800K @ 3.40GHz	13609	133	38.89	\$349.99
Intel Core i7-6820EQ @ 2.80GHz	8968	331	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9140	316	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8784	349	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	547	NA	NA
Intel Core i7-6850K @ 3.60GHz	14383	115	26.15	\$549.99
Intel Core i7-6900K @ 3.20GHz	17698	55	16.02	\$1,104.99
Intel Core i7-6920HQ @ 2.90GHz	9619	278	NA	NA
Intel Core i7-6950X @ 3.00GHz	19997	31	24.69	\$809.99
Intel Core i7-7500U @ 2.70GHz	5189	685	NA	NA
Intel Core i7-7560U @ 2.40GHz	5874	592	NA	NA
Intel Core i7-7567U @ 3.50GHz	6535	531	NA	NA
Intel Core i7-7600U @ 2.80GHz	5534	638	NA	NA
Intel Core i7-7660U @ 2.50GHz	6075	574	NA	NA
Intel Core i7-7700 @ 3.60GHz	10772	200	36.03	\$298.99
Intel Core i7-7700HQ @ 2.80GHz	8863	338	NA	NA
Intel Core i7-7700K @ 4.20GHz	12055	169	38.29	\$314.88
Intel Core i7-7700T @ 2.90GHz	9323	303	29.49	\$316.15
Intel Core i7-7740X @ 4.30GHz	12257	163	34.84	\$351.80
Intel Core i7-7800X @ 3.50GHz	14493	110	39.17	\$369.99
Intel Core i7-7820HK @ 2.90GHz	10053	244	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9419	294	NA	NA
Intel Core i7-7820X @ 3.60GHz	18571	43	39.68	\$467.99
Intel Core i7-7900X @ 3.30GHz	18539	45	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10167	234	NA	NA
Intel Core i7-8086K @ 4.00GHz	17157	59	40.37	\$425.00*
Intel Core i7-8550U @ 1.80GHz	8324	376	NA	NA
Intel Core i7-8650U @ 1.90GHz	9017	326	NA	NA
Intel Core i7-8700 @ 3.20GHz	15255	96	50.52	\$301.99*
Intel Core i7-8700K @ 3.70GHz	15994	80	45.98	\$347.88
Intel Core i7-8700T @ 2.40GHz	12672	152	37.93	\$334.08
Intel Core i7-8705G @ 3.10GHz	10330	219	NA	NA
Intel Core i7-8750H @ 2.20GHz	12557	156	31.79	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11066	189	NA	NA
Intel Core i7-8850H @ 2.60GHz	13908	126	35.21	\$395.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-7900X @ 3.30GHz	22018	18	24.47	\$899.99
Intel Core i9-7920X @ 2.90GHz	23297	13	21.88	\$1,064.74
Intel Core i9-7940X @ 3.10GHz	25150	7	21.87	\$1,149.82
Intel Core i9-7960X @ 2.80GHz	25333	5	17.58	\$1,441.03
Intel Core i9-7980XE @ 2.60GHz	27702	3	14.74	\$1,879.99
Intel Core i9-8950HK @ 2.90GHz	14783	104	25.36	\$583.00*
Intel Core m3-6Y30 @ 0.90GHz	3051	1150	NA	NA
Intel Core m3-7Y30 @ 1.00GHz	3557	1013	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3527	1018	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3361	1062	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3227	1095	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3499	1024	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2737	1261	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2250	1432	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core M-5Y10c @ 0.80GHz	2819	1227	10.04	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2652	1280	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2486	1339	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1163	NA	NA
Intel Core M-5Y71 @ 1.20GHz	3070	1144	10.93	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	395	2430	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2427	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2345	NA	NA
Intel Core Solo U1300 @ 1.06GHz	276	2584	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2582	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2502	NA	NA
Intel E3000 @ 3.40GHz	2767	1249	NA	NA
Intel Pentium 4 1.40GHz	164	2689	NA	NA
Intel Pentium 4 1.50GHz	131	2706	NA	NA
Intel Pentium 4 1.60GHz	129	2708	NA	NA
Intel Pentium 4 1.70GHz	132	2705	NA	NA
Intel Pentium 4 1.80GHz	161	2692	NA	NA
Intel Pentium 4 1.90GHz	159	2693	NA	NA
Intel Pentium 4 2.00GHz	189	2671	NA	NA
Intel Pentium 4 2.20GHz	210	2653	NA	NA
Intel Pentium 4 2.26GHz	221	2643	NA	NA
Intel Pentium 4 2.40GHz	228	2636	NA	NA
Intel Pentium 4 2.50GHz	245	2621	NA	NA
Intel Pentium 4 2.53GHz	248	2618	NA	NA
Intel Pentium 4 2.60GHz	288	2561	NA	NA
Intel Pentium 4 2.66GHz	254	2608	NA	NA
Intel Pentium 4 2.80GHz	321	2508	NA	NA
Intel Pentium 4 2.93GHz	297	2546	NA	NA
Intel Pentium 4 3.00GHz	353	2480	NA	NA
Intel Pentium 4 3.06GHz	347	2484	NA	NA
Intel Pentium 4 3.20GHz	375	2449	NA	NA
Intel Pentium 4 3.40GHz	396	2429	NA	NA
Intel Pentium 4 3.46GHz	487	2325	NA	NA
Intel Pentium 4 3.60GHz	489	2323	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 3.73GHz	486	2328	NA	NA
Intel Pentium 4 3.80GHz	484	2334	NA	NA
Intel Pentium 4 3.83GHz	195	2666	NA	NA
Intel Pentium 4 4.00GHz	184	2677	NA	NA
Intel Pentium 4 1300MHz	119	2712	NA	NA
Intel Pentium 4 1400MHz	127	2709	NA	NA
Intel Pentium 4 1500MHz	125	2710	NA	NA
Intel Pentium 4 1600MHz	193	2670	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2696	NA	NA
Intel Pentium 4 1800MHz	162	2691	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2699	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2665	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2682	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2655	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2685	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 Mobile 1.90GHz	209	2654	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2660	NA	NA
Intel Pentium 5 2.66GHz	705	2206	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	1985	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1153	1955	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	1958	NA	NA
Intel Pentium 987 @ 1.50GHz	1226	1915	NA	NA
Intel Pentium 997 @ 1.60GHz	1426	1805	NA	NA
Intel Pentium 1403 @ 2.60GHz	2747	1259	NA	NA
Intel Pentium 2020M @ 2.40GHz	2286	1410	17.06	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2414	1363	18.02	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1661	1695	12.40	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1823	1611	13.61	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2009	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2304	1398	NA	NA
Intel Pentium 3556U @ 1.70GHz	1713	1660	NA	NA
Intel Pentium 3558U @ 1.70GHz	1686	1680	NA	NA
Intel Pentium 3560M @ 2.40GHz	2275	1419	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1895	NA	NA
Intel Pentium 3805U @ 1.90GHz	1983	1533	NA	NA
Intel Pentium 3825U @ 1.90GHz	2534	1321	NA	NA
Intel Pentium 4405U @ 2.10GHz	2947	1185	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1501	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2056	1503	12.78	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3161	1119	NA	NA
Intel Pentium A1018 @ 2.10GHz	1605	1724	NA	NA
Intel Pentium B940 @ 2.00GHz	1723	1655	57.58	\$29.94*
Intel Pentium B950 @ 2.10GHz	1717	1657	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1597	37.82	\$48.99*
Intel Pentium B970 @ 2.30GHz	1960	1540	38.44	\$50.99*
Intel Pentium B980 @ 2.40GHz	2045	1507	29.25	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3843	938	29.79	\$129.00*
Intel Pentium D 805 @ 2.66GHz	536	2290	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium D 830 @ 3.00GHz	642	2235	NA	NA
Intel Pentium D 915 @ 2.80GHz	581	2265	NA	NA
Intel Pentium D 940 @ 3.20GHz	709	2203	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2187	NA	NA
Intel Pentium D 960 @ 3.60GHz	814	2158	NA	NA
Intel Pentium E2140 @ 1.60GHz	868	2126	5.50	\$157.95
Intel Pentium E2160 @ 1.80GHz	997	2047	33.25	\$29.99
Intel Pentium E2180 @ 2.00GHz	1087	1992	54.42	\$19.99
Intel Pentium E2200 @ 2.20GHz	1204	1928	16.06	\$75.00
Intel Pentium E2210 @ 2.20GHz	1174	1941	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	1852	8.43	\$157.95
Intel Pentium E5200 @ 2.50GHz	1488	1778	9.43	\$157.95
Intel Pentium E5300 @ 2.60GHz	1540	1752	77.19	\$19.95
Intel Pentium E5400 @ 2.70GHz	1596	1731	79.86	\$19.99
Intel Pentium E5500 @ 2.80GHz	1639	1704	10.38	\$157.95
Intel Pentium E5700 @ 3.00GHz	1741	1647	116.15	\$14.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E5800 @ 3.20GHz	1900	1572	63.37	\$29.99
Intel Pentium E6300 @ 2.80GHz	1705	1666	3.02	\$565.00
Intel Pentium E6500 @ 2.93GHz	1761	1636	11.15	\$157.95
Intel Pentium E6600 @ 3.06GHz	1877	1586	18.78	\$100.00
Intel Pentium E6700 @ 3.20GHz	1943	1549	37.45	\$51.90
Intel Pentium E6800 @ 3.33GHz	2002	1525	40.06	\$49.99
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2111	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2066	NA	NA
Intel Pentium G620 @ 2.60GHz	2295	1406	91.86	\$24.99
Intel Pentium G620T @ 2.20GHz	2028	1511	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2375	1377	95.07	\$24.99
Intel Pentium G630T @ 2.30GHz	2122	1477	26.54	\$79.99*
Intel Pentium G640 @ 2.80GHz	2530	1322	101.27	\$24.99
Intel Pentium G640T @ 2.40GHz	1911	1564	NA	NA
Intel Pentium G645 @ 2.90GHz	2584	1304	27.20	\$95.00*
Intel Pentium G645T @ 2.50GHz	2289	1407	NA	NA
Intel Pentium G840 @ 2.80GHz	2573	1308	73.55	\$34.99
Intel Pentium G850 @ 2.90GHz	2664	1278	88.86	\$29.99
Intel Pentium G860 @ 3.00GHz	2750	1256	68.78	\$39.99
Intel Pentium G870 @ 3.10GHz	2827	1223	29.15	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2613	1293	74.90	\$34.89
Intel Pentium G2020 @ 2.90GHz	2767	1248	46.17	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2470	1345	51.90	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2878	1213	70.23	\$40.99
Intel Pentium G2030T @ 2.60GHz	2490	1337	38.91	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1236	NA	NA
Intel Pentium G2120 @ 3.10GHz	3081	1140	51.38	\$59.99
Intel Pentium G2130 @ 3.20GHz	3212	1102	64.26	\$49.99
Intel Pentium G2140 @ 3.30GHz	3384	1055	67.71	\$49.99
Intel Pentium G3220 @ 3.00GHz	3136	1127	30.57	\$102.60*
Intel Pentium G3220T @ 2.60GHz	2602	1297	37.18	\$69.99
Intel Pentium G3240 @ 3.10GHz	3171	1112	39.65	\$79.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3240T @ 2.70GHz	2932	1192	NA	NA
Intel Pentium G3250 @ 3.20GHz	3258	1086	23.28	\$139.99
Intel Pentium G3250T @ 2.80GHz	2967	1177	32.98	\$89.99
Intel Pentium G3258 @ 3.20GHz	3896	931	25.14	\$154.99
Intel Pentium G3260 @ 3.30GHz	3378	1056	32.18	\$104.99
Intel Pentium G3260T @ 2.90GHz	2914	1196	32.39	\$89.99
Intel Pentium G3320TE @ 2.30GHz	2389	1372	NA	NA
Intel Pentium G3420 @ 3.20GHz	3408	1047	30.99	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1165	28.58	\$105.25*
Intel Pentium G3430 @ 3.30GHz	3425	1041	38.07	\$89.99
Intel Pentium G3440 @ 3.30GHz	3304	1075	20.66	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1135	NA	NA
Intel Pentium G3450 @ 3.40GHz	3704	978	37.05	\$99.99
Intel Pentium G3450T @ 2.90GHz	2967	1179	NA	NA
Intel Pentium G3460 @ 3.50GHz	3593	1001	12.47	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3706	977	35.54	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3569	1009	72.86	\$49.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4400T @ 2.90GHz	3220	1099	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1211	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3788	954	59.20	\$64.00
Intel Pentium G4500T @ 3.00GHz	3471	1031	NA	NA
Intel Pentium G4520 @ 3.60GHz	4195	871	46.62	\$89.98
Intel Pentium G4560 @ 3.50GHz	4884	737	72.72	\$67.17*
Intel Pentium G4560T @ 2.90GHz	4047	895	40.48	\$99.99
Intel Pentium G4600 @ 3.60GHz	5110	695	56.79	\$89.99
Intel Pentium G4600T @ 3.00GHz	4238	864	44.03	\$96.25
Intel Pentium G4620 @ 3.70GHz	5213	683	48.00	\$108.62*
Intel Pentium G6950 @ 2.80GHz	1856	1595	46.44	\$39.99
Intel Pentium G6951 @ 2.80GHz	2140	1468	22.77	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2101	1487	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5270	676	65.89	\$79.99
Intel Pentium Gold G5500 @ 3.80GHz	5262	678	64.18	\$82.00*
Intel Pentium Gold G5500T @ 3.20GHz	4577	799	61.03	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5726	612	61.58	\$93.00*
Intel Pentium III 933S @ 933MHz	238	2629	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2569	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2581	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2525	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2547	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2543	NA	NA
Intel Pentium III Mobile 750MHz	103	2715	NA	NA
Intel Pentium III Mobile 800MHz	182	2680	NA	NA
Intel Pentium III Mobile 866MHz	152	2697	NA	NA
Intel Pentium III Mobile 933MHz	218	2645	8.58	\$25.51
Intel Pentium III Mobile 1000MHz	245	2620	NA	NA
Intel Pentium III Mobile 1066MHz	268	2593	NA	NA
Intel Pentium III Mobile 1133MHz	251	2614	NA	NA
Intel Pentium III Mobile 1200MHz	262	2600	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium J2850 @ 2.41GHz	1839	1604	NA	NA
Intel Pentium J2900 @ 2.41GHz	1973	1535	NA	NA
Intel Pentium J3710 @ 1.60GHz	1950	1545	NA	NA
Intel Pentium J4205 @ 1.50GHz	2300	1402	NA	NA
Intel Pentium M 1.10GHz	282	2573	NA	NA
Intel Pentium M 1.20GHz	298	2545	NA	NA
Intel Pentium M 1.30GHz	301	2539	NA	NA
Intel Pentium M 1.40GHz	345	2488	NA	NA
Intel Pentium M 1.50GHz	366	2463	NA	NA
Intel Pentium M 1.60GHz	364	2468	NA	NA
Intel Pentium M 1.70GHz	406	2413	NA	NA
Intel Pentium M 1.73GHz	413	2402	NA	NA
Intel Pentium M 1.80GHz	409	2410	NA	NA
Intel Pentium M 1.86GHz	438	2380	NA	NA
Intel Pentium M 2.00GHz	464	2349	NA	NA
Intel Pentium M 2.10GHz	448	2367	NA	NA
Intel Pentium M 2.13GHz	510	2309	NA	NA
Intel Pentium M 2.26GHz	509	2311	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 756 @ 1.66GHz	484	2336	NA	NA
Intel Pentium M 900MHz	217	2648	NA	NA
Intel Pentium M 1000MHz	233	2633	NA	NA
Intel Pentium M 1100MHz	259	2604	NA	NA
Intel Pentium M 1200MHz	237	2630	NA	NA
Intel Pentium M 1300MHz	303	2532	NA	NA
Intel Pentium M 1400MHz	321	2509	NA	NA
Intel Pentium M 1500MHz	354	2477	NA	NA
Intel Pentium M 1600MHz	332	2500	NA	NA
Intel Pentium M 1700MHz	376	2448	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1762	NA	NA
Intel Pentium N3520 @ 2.16GHz	1799	1623	NA	NA
Intel Pentium N3530 @ 2.16GHz	1896	1574	NA	NA
Intel Pentium N3540 @ 2.16GHz	1936	1553	7.72	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1839	1603	4.14	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1871	1589	NA	NA
Intel Pentium N4200 @ 1.10GHz	2023	1514	10.30	\$196.45
Intel Pentium P6000 @ 1.87GHz	1250	1904	NA	NA
Intel Pentium P6100 @ 2.00GHz	1325	1854	110.48	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1349	1843	30.02	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1823	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2987	1173	15.22	\$196.28
Intel Pentium SU2700 @ 1.30GHz	407	2412	NA	NA
Intel Pentium SU4100 @ 1.30GHz	863	2129	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2141	NA	NA
Intel Pentium T2060 @ 1.60GHz	662	2224	NA	NA
Intel Pentium T2080 @ 1.73GHz	706	2205	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2202	NA	NA
Intel Pentium T2310 @ 1.46GHz	730	2192	NA	NA
Intel Pentium T2330 @ 1.60GHz	838	2146	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2370 @ 1.73GHz	844	2140	24.12	\$35.00*
Intel Pentium T2390 @ 1.86GHz	941	2088	NA	NA
Intel Pentium T2410 @ 2.00GHz	996	2048	NA	NA
Intel Pentium T3200 @ 2.00GHz	1030	2020	85.90	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1115	1970	12.41	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1147	1960	95.63	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1238	1910	NA	NA
Intel Pentium T4400 @ 2.20GHz	1282	1884	NA	NA
Intel Pentium T4500 @ 2.30GHz	1335	1850	NA	NA
Intel Pentium U5400 @ 1.20GHz	822	2152	NA	NA
Intel Pentium U5600 @ 1.33GHz	943	2086	NA	NA
Intel T1200 @ 1.50GHz	435	2387	NA	NA
Intel T1400 @ 1.73GHz	929	2095	NA	NA
Intel T1500 @ 1.86GHz	940	2090	NA	NA
Intel T2050 @ 2.00GHz	959	2076	NA	NA
Intel Xeon 2.00GHz	233	2632	NA	NA
Intel XEON 2.20GHz	252	2611	NA	NA
Intel Xeon 2.40GHz	276	2585	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2386	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 2.80GHz	400	2424	NA	NA
Intel Xeon 3.00GHz	391	2436	NA	NA
Intel Xeon 3.06GHz	491	2320	NA	NA
Intel Xeon 3.20GHz	461	2355	NA	NA
Intel Xeon 3.40GHz	478	2339	NA	NA
Intel Xeon 3.60GHz	509	2310	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2017	NA	NA
Intel Xeon 3.80GHz	604	2254	0.71	\$851.00*
Intel Xeon 1500MHz	193	2669	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1882	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1311	1861	8.30	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1764	9.62	\$157.95*
Intel Xeon 3065 @ 2.33GHz	1504	1773	71.99	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1776	1630	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1602	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1743	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2001	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	1906	0.76	\$1,644.98*
Intel Xeon 5130 @ 2.00GHz	1378	1825	35.89	\$38.40*
Intel Xeon 5133 @ 2.20GHz	1598	1728	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1706	50.57	\$32.42
Intel Xeon 5148 @ 2.33GHz	1590	1733	39.78	\$39.99*
Intel Xeon 5150 @ 2.66GHz	1747	1643	3.83	\$455.95*
Intel Xeon 5160 @ 3.00GHz	1968	1538	134.86	\$14.60*
Intel Xeon @ 2.20GHz	1902	1571	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5446	651	21.61	\$251.99
Intel Xeon D-1518 @ 2.20GHz	5322	670	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	607	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	491	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1528 @ 1.90GHz	7946	410	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	270	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	428	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	209	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11056	190	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	396	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14693	105	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13950	124	NA	NA
Intel Xeon D-2183IT @ 2.20GHz	18252	49	10.35	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6072	575	14.20	\$427.62
Intel Xeon E3-1220 V2 @ 3.10GHz	6695	516	20.35	\$329.10
Intel Xeon E3-1220 v3 @ 3.10GHz	7080	483	29.50	\$240.00
Intel Xeon E3-1220 v5 @ 3.00GHz	7736	427	31.51	\$245.51
Intel Xeon E3-1220 v6 @ 3.00GHz	8035	402	38.27	\$209.99
Intel Xeon E3-1220L @ 2.20GHz	3563	1010	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	824	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1484	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5918	588	33.82	\$175.00
Intel Xeon E3-1225 V2 @ 3.20GHz	6845	501	13.51	\$506.59
Intel Xeon E3-1225 v3 @ 3.20GHz	7191	470	15.69	\$458.34
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1225 v5 @ 3.30GHz	7803	417	31.22	\$249.99
Intel Xeon E3-1225 v6 @ 3.30GHz	8294	378	35.30	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7522	443	11.79	\$638.00
Intel Xeon E3-1230 @ 3.20GHz	7908	414	36.78	\$215.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8856	340	25.16	\$352.09
Intel Xeon E3-1230 v3 @ 3.30GHz	9325	302	35.64	\$261.66*
Intel Xeon E3-1230 v5 @ 3.40GHz	9756	268	32.54	\$299.80*
Intel Xeon E3-1230 v6 @ 3.50GHz	9947	253	36.84	\$269.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	468	25.12	\$287.90
Intel Xeon E3-1231 v3 @ 3.40GHz	9635	277	33.34	\$289.00
Intel Xeon E3-1235 @ 3.20GHz	7680	432	31.48	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	537	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7955	409	51.97	\$153.09
Intel Xeon E3-1240 V2 @ 3.40GHz	9153	313	20.36	\$449.56
Intel Xeon E3-1240 v3 @ 3.40GHz	9702	274	25.24	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10412	215	30.48	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10176	233	35.09	\$289.99
Intel Xeon E3-1240L v3 @ 2.00GHz	7510	445	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	419	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10034	246	12.95	\$775.00
Intel Xeon E3-1245 @ 3.30GHz	8048	400	31.56	\$255.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9117	317	15.01	\$607.59
Intel Xeon E3-1245 v3 @ 3.40GHz	9576	279	28.17	\$339.95
Intel Xeon E3-1245 v5 @ 3.50GHz	10248	226	29.68	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10462	213	34.93	\$299.53
Intel Xeon E3-1246 v3 @ 3.50GHz	9894	256	12.40	\$798.00
Intel Xeon E3-1260L @ 2.40GHz	6534	532	66.83	\$97.78
Intel Xeon E3-1260L v5 @ 2.90GHz	10136	236	17.01	\$595.81*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1265L @ 2.40GHz	6038	578	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7785	421	54.67	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	8722	351	12.29	\$709.95
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	415	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	353	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8240	382	25.99	\$317.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9483	286	33.02	\$287.21
Intel Xeon E3-1270 v3 @ 3.50GHz	9877	258	26.70	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10327	221	28.30	\$364.98
Intel Xeon E3-1270 v6 @ 3.80GHz	11115	184	31.76	\$349.99
Intel Xeon E3-1271 v3 @ 3.60GHz	10077	242	11.35	\$888.00
Intel Xeon E3-1275 @ 3.40GHz	8348	374	27.46	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9339	301	38.92	\$239.99
Intel Xeon E3-1275 v3 @ 3.50GHz	9876	260	24.63	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10376	217	26.62	\$389.74
Intel Xeon E3-1275 v6 @ 3.80GHz	11047	191	30.44	\$362.99
Intel Xeon E3-1275L v3 @ 2.70GHz	8827	344	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10223	227	9.47	\$1,080.00
Intel Xeon E3-1280 @ 3.50GHz	8473	368	23.03	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9439	292	6.24	\$1,512.82
Intel Xeon E3-1280 v3 @ 3.60GHz	9720	272	13.94	\$697.36*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	206	15.46	\$690.01
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	179	NA	NA
Intel Xeon E3-1281 v3 @ 3.70GHz	10295	223	11.73	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10256	225	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10641	207	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11689	177	25.98	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	10024	247	12.45	\$805.00
Intel Xeon E3-1285L v4 @ 3.40GHz	11224	182	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	255	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	10129	238	13.09	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	352	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9749	269	11.02	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	482	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8907	336	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9972	252	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	211	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9301	305	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10603	208	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10442	214	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10736	203	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10743	202	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10689	204	24.02	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	461	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	452	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5538	635	33.57	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6172	563	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6420	548	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1607 @ 3.00GHz	5866	593	266.76	\$21.99
Intel Xeon E5-1607 v2 @ 3.00GHz	6189	561	19.77	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6931	496	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	466	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9069	321	17.78	\$510.00
Intel Xeon E5-1620 v2 @ 3.70GHz	9496	284	28.87	\$329.00
Intel Xeon E5-1620 v3 @ 3.50GHz	9762	267	27.22	\$358.70*
Intel Xeon E5-1620 v4 @ 3.50GHz	9979	251	34.18	\$291.99
Intel Xeon E5-1630 v3 @ 3.70GHz	10262	224	17.17	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10300	222	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11769	175	67.26	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12691	151	19.68	\$644.95*
Intel Xeon E5-1650 v3 @ 3.50GHz	13607	134	20.49	\$663.96
Intel Xeon E5-1650 v4 @ 3.60GHz	14234	116	22.59	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12364	158	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13714	130	7.58	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14423	113	8.92	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16205	75	NA	NA
Intel Xeon E5-1680 v2 @ 3.00GHz	16483	68	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16633	66	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17089	60	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	50	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2403 @ 1.80GHz	3523	1019	7.87	\$447.59
Intel Xeon E5-2403 v2 @ 1.80GHz	3492	1025	15.67	\$222.84*
Intel Xeon E5-2407 @ 2.20GHz	3888	932	11.61	\$335.04
Intel Xeon E5-2407 v2 @ 2.40GHz	4575	800	9.61	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	684	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7139	475	19.05	\$374.80
Intel Xeon E5-2420 v2 @ 2.20GHz	8647	359	14.91	\$579.95
Intel Xeon E5-2430 @ 2.20GHz	6878	499	12.90	\$533.22
Intel Xeon E5-2430 v2 @ 2.50GHz	8833	343	16.29	\$542.12
Intel Xeon E5-2430L @ 2.00GHz	7269	465	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	522	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	312	12.32	\$745.00*
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	293	23.56	\$400.00*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	332	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	231	14.10	\$722.22*
Intel Xeon E5-2450L @ 1.80GHz	8261	381	127.12	\$64.99
Intel Xeon E5-2470 @ 2.30GHz	10061	243	31.77	\$316.72*
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	147	5.70	\$2,250.00*
Intel Xeon E5-2603 @ 1.80GHz	3580	1006	128.62	\$27.84
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	960	79.07	\$47.63
Intel Xeon E5-2603 v3 @ 1.60GHz	5165	688	23.66	\$218.32
Intel Xeon E5-2603 v4 @ 1.70GHz	5473	644	23.80	\$229.99*
Intel Xeon E5-2608L v3 @ 2.00GHz	7768	422	17.62	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4625	786	59.30	\$78.00
Intel Xeon E5-2609 v2 @ 2.50GHz	5125	693	18.37	\$279.00
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	585	13.26	\$448.02

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2609 v4 @ 1.70GHz	6920	497	15.95	\$434.00*
Intel Xeon E5-2618L v3 @ 2.30GHz	12508	157	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	107	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7935	412	77.05	\$103.00
Intel Xeon E5-2620 v2 @ 2.10GHz	8688	355	23.83	\$364.64
Intel Xeon E5-2620 v3 @ 2.40GHz	9980	250	14.05	\$710.54
Intel Xeon E5-2620 v4 @ 2.10GHz	11370	180	25.72	\$442.00
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	335	22.07	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8188	387	14.91	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	296	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	171	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13268	141	9.73	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	192	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8859	339	69.14	\$128.14
Intel Xeon E5-2630 v2 @ 2.60GHz	10402	216	65.43	\$159.00
Intel Xeon E5-2630 v3 @ 2.40GHz	12815	149	21.98	\$582.99
Intel Xeon E5-2630 v4 @ 2.20GHz	13911	125	20.16	\$690.00
Intel Xeon E5-2630L @ 2.00GHz	8001	406	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9780	265	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9476	287	12.60	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	146	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9465	289	5.74	\$1,649.22
Intel Xeon E5-2637 v3 @ 3.50GHz	10128	239	7.82	\$1,295.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	212	8.72	\$1,200.86
Intel Xeon E5-2640 @ 2.50GHz	9500	283	88.55	\$107.29
Intel Xeon E5-2640 v2 @ 2.00GHz	9904	254	70.99	\$139.51
Intel Xeon E5-2640 v3 @ 2.60GHz	14103	120	9.12	\$1,547.27
Intel Xeon E5-2640 v4 @ 2.40GHz	15331	93	15.38	\$997.10
Intel Xeon E5-2643 @ 3.30GHz	8479	367	16.05	\$528.40
Intel Xeon E5-2643 v2 @ 3.50GHz	12324	160	4.91	\$2,509.00
Intel Xeon E5-2643 v3 @ 3.40GHz	13801	128	7.42	\$1,860.00*
Intel Xeon E5-2643 v4 @ 3.40GHz	13600	135	8.45	\$1,609.12
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	178	8.42	\$1,352.90
Intel Xeon E5-2648L v4 @ 1.80GHz	13292	139	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14506	109	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10159	235	83.27	\$122.00
Intel Xeon E5-2650 v2 @ 2.60GHz	13108	143	40.21	\$326.00
Intel Xeon E5-2650 v3 @ 2.30GHz	14872	102	15.17	\$980.49
Intel Xeon E5-2650 v4 @ 2.20GHz	15838	83	12.38	\$1,279.53
Intel Xeon E5-2650L @ 1.80GHz	8676	357	109.83	\$79.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13390	138	13.26	\$1,010.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	121	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	181	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	285	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	118	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	74	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	64	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11112	186	108.94	\$102.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2660 v2 @ 2.20GHz	13286	140	43.51	\$305.34*
Intel Xeon E5-2660 v3 @ 2.60GHz	16151	76	10.10	\$1,599.99
Intel Xeon E5-2660 v4 @ 2.00GHz	17786	53	11.95	\$1,488.99
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	122	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11776	174	83.23	\$141.50*
Intel Xeon E5-2667 @ 2.90GHz	10327	220	45.70	\$226.00
Intel Xeon E5-2667 v2 @ 3.30GHz	16120	77	21.11	\$763.56
Intel Xeon E5-2667 v3 @ 3.20GHz	16119	78	7.13	\$2,259.95*
Intel Xeon E5-2667 v4 @ 3.20GHz	16374	72	7.60	\$2,155.00
Intel Xeon E5-2670 @ 2.60GHz	12209	165	50.00	\$244.19
Intel Xeon E5-2670 v2 @ 2.50GHz	15031	99	30.50	\$492.77
Intel Xeon E5-2670 v3 @ 2.30GHz	16619	67	11.46	\$1,450.00*
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	73	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16982	61	24.26	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21625	20	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15156	97	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17659	56	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	63	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25236	6	9.34	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12654	154	72.93	\$173.51
Intel Xeon E5-2680 v2 @ 2.80GHz	15789	85	45.24	\$349.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18629	42	9.27	\$2,008.95
Intel Xeon E5-2680 v4 @ 2.40GHz	19867	33	11.27	\$1,762.90*
Intel Xeon E5-2682 v4 @ 2.50GHz	15333	92	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	17414	58	8.77	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	40	10.03	\$1,899.99*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	101	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	38	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14405	114	24.06	\$598.74
Intel Xeon E5-2687W v2 @ 3.40GHz	16478	69	4.44	\$3,713.55*
Intel Xeon E5-2687W v3 @ 3.10GHz	17718	54	5.89	\$3,009.95*
Intel Xeon E5-2687W v4 @ 3.00GHz	19933	32	8.64	\$2,307.31*
Intel Xeon E5-2689 @ 2.60GHz	13476	137	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19776	35	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13980	123	69.21	\$202.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16468	70	27.96	\$589.00
Intel Xeon E5-2690 v3 @ 2.60GHz	19240	39	10.64	\$1,807.70
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	25	9.07	\$2,350.88*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	79	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15847	82	4.41	\$3,593.22
Intel Xeon E5-2695 v3 @ 2.30GHz	20346	28	10.12	\$2,009.99
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	29	7.90	\$2,562.95
Intel Xeon E5-2696 v2 @ 2.50GHz	16681	65	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22548	14	9.03	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21331	24	7.09	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17449	57	7.81	\$2,235.02*
Intel Xeon E5-2697 v3 @ 2.60GHz	21488	23	8.07	\$2,661.90*
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	22	7.67	\$2,805.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2697A v4 @ 2.60GHz	23590	11	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21149	26	6.18	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	19	6.77	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22358	16	5.58	\$4,010.00
Intel Xeon E5-2699 v4 @ 2.20GHz	23392	12	2.92	\$8,010.00*
Intel Xeon E5-4603 @ 2.00GHz	5014	715	2.65	\$1,890.99*
Intel Xeon E5-4617 @ 2.90GHz	8684	356	96.60	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	392	2.31	\$3,519.97*
Intel Xeon E5-4627 v3 @ 2.60GHz	14219	117	5.92	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	87	NA	NA
Intel Xeon E5-4640 @ 2.40GHz	10523	210	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	150	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	188	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	12085	168	24.57	\$491.80*
Intel Xeon E5-4650L @ 2.60GHz	11821	173	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	161	2.66	\$4,616.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15556	86	3.24	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	132	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1130	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2165	1459	8.73	\$248.00*
Intel Xeon E3113 @ 3.00GHz	2427	1358	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1436	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1815	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1360	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1425	8.71	\$259.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5320 @ 1.86GHz	2279	1417	14.43	\$157.95*
Intel Xeon E5335 @ 2.00GHz	2513	1328	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2923	1195	70.83	\$41.28*
Intel Xeon E5405 @ 2.00GHz	2864	1215	154.65	\$18.52*
Intel Xeon E5410 @ 2.33GHz	3265	1082	15.78	\$207.01*
Intel Xeon E5420 @ 2.50GHz	3506	1022	13.49	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3776	958	104.91	\$36.00
Intel Xeon E5440 @ 2.83GHz	3984	911	187.60	\$21.24*
Intel Xeon E5450 @ 3.00GHz	4210	868	114.04	\$36.92*
Intel Xeon E5462 @ 2.80GHz	3898	929	142.79	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4145	882	75.65	\$54.80*
Intel Xeon E5502 @ 1.87GHz	1378	1824	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1817	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2705	1268	97.67	\$27.70*
Intel Xeon E5506 @ 2.13GHz	2977	1176	19.86	\$149.95*
Intel Xeon E5507 @ 2.27GHz	3137	1126	6.87	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4447	818	273.85	\$16.24*
Intel Xeon E5530 @ 2.40GHz	4605	791	178.52	\$25.80*
Intel Xeon E5540 @ 2.53GHz	4758	761	173.55	\$27.42
Intel Xeon E5603 @ 1.60GHz	2366	1383	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3045	1155	13.91	\$219.00
Intel Xeon E5607 @ 2.27GHz	3398	1052	10.96	\$310.00*
Intel Xeon E5620 @ 2.40GHz	4860	740	120.36	\$40.38

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5630 @ 2.53GHz	5109	696	71.25	\$71.71
Intel Xeon E5640 @ 2.67GHz	5263	677	29.25	\$179.95
Intel Xeon E5645 @ 2.40GHz	6509	534	86.07	\$75.63
Intel Xeon E5649 @ 2.53GHz	6936	493	60.31	\$115.00
Intel Xeon E7320 @ 2.13GHz	2413	1364	NA	NA
Intel Xeon E-2176M @ 2.70GHz	14564	108	32.37	\$450.00*
Intel Xeon E-2186M @ 2.90GHz	15495	88	24.87	\$623.00*
Intel Xeon Gold 5120 @ 2.20GHz	15110	98	9.68	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	51	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	11104	187	8.57	\$1,294.99*
Intel Xeon Gold 6126 @ 2.60GHz	19711	36	11.10	\$1,776.00*
Intel Xeon Gold 6128 @ 3.40GHz	15022	100	8.85	\$1,697.00*
Intel Xeon Gold 6130 @ 2.10GHz	20222	30	10.47	\$1,932.09
Intel Xeon Gold 6134 @ 3.20GHz	18083	52	7.25	\$2,493.54*
Intel Xeon Gold 6136 @ 3.00GHz	21018	27	7.90	\$2,660.00*
Intel Xeon Gold 6138 @ 2.00GHz	25416	4	9.47	\$2,684.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	9	9.10	\$2,634.77*
Intel Xeon Gold 6144 @ 3.50GHz	19654	37	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	8	6.64	\$3,787.27
Intel Xeon Gold 6154 @ 3.00GHz	27789	2	7.84	\$3,543.00*
Intel Xeon L3110 @ 3.00GHz	2273	1422	NA	NA
Intel Xeon L3360 @ 2.83GHz	3820	945	42.81	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1848	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	939	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1612	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1423	72.33	\$31.40*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5310 @ 1.60GHz	2274	1421	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1471	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1254	72.15	\$38.20*
Intel Xeon L5408 @ 2.13GHz	3037	1157	NA	NA
Intel Xeon L5410 @ 2.33GHz	3396	1054	33.93	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3503	1023	22.18	\$157.95*
Intel Xeon L5430 @ 2.66GHz	3716	973	23.53	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	974	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	832	164.31	\$26.70*
Intel Xeon L5530 @ 2.40GHz	4351	842	311.73	\$13.96*
Intel Xeon L5630 @ 2.13GHz	4369	837	274.78	\$15.90*
Intel Xeon L5638 @ 2.00GHz	5556	633	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	502	NA	NA
Intel Xeon L5640 @ 2.27GHz	6442	540	185.41	\$34.75*
Intel Xeon L7455 @ 2.13GHz	3836	940	NA	NA
Intel Xeon MV 3.20GHz	683	2218	NA	NA
Intel Xeon Platinum 8173M @ 2.00GHz	28860	1	NA	NA
Intel Xeon Silver 4109T @ 2.00GHz	10854	197	21.67	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11869	172	21.98	\$540.08*
Intel Xeon Silver 4112 @ 2.60GHz	8548	363	16.15	\$529.21*
Intel Xeon Silver 4114 @ 2.20GHz	14480	111	19.44	\$744.73*
Intel Xeon Silver 4116 @ 2.10GHz	15257	95	13.61	\$1,121.16*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W3503 @ 2.40GHz	1756	1640	108.32	\$16.22
Intel Xeon W3505 @ 2.53GHz	1858	1594	NA	NA
Intel Xeon W3520 @ 2.67GHz	5059	707	12.34	\$409.95*
Intel Xeon W3530 @ 2.80GHz	5361	664	18.24	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5474	643	15.21	\$359.95*
Intel Xeon W3550 @ 3.07GHz	5706	614	271.87	\$20.99
Intel Xeon W3565 @ 3.20GHz	5945	584	20.15	\$295.00
Intel Xeon W3570 @ 3.20GHz	6098	571	12.71	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6433	545	29.99	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8152	389	14.43	\$565.00*
Intel Xeon W3680 @ 3.33GHz	9098	320	19.78	\$459.95*
Intel Xeon W3690 @ 3.47GHz	9207	311	4.07	\$2,260.61*
Intel Xeon W5580 @ 3.20GHz	5836	598	56.19	\$103.88*
Intel Xeon W5590 @ 3.33GHz	6183	562	4.02	\$1,540.10*
Intel Xeon W-2102 @ 2.90GHz	7007	488	20.73	\$337.99*
Intel Xeon W-2123 @ 3.60GHz	10834	199	33.33	\$325.03*
Intel Xeon W-2125 @ 4.00GHz	12348	159	27.81	\$444.00*
Intel Xeon W-2133 @ 3.60GHz	14125	119	22.89	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16453	71	17.64	\$932.79*
Intel Xeon W-2140B @ 3.20GHz	18340	47	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19819	34	15.31	\$1,294.94*
Intel Xeon W-2150B @ 3.00GHz	21625	21	NA	NA
Intel Xeon W-2155 @ 3.30GHz	22532	15	14.72	\$1,530.39*
Intel Xeon W-2195 @ 2.30GHz	23957	10	8.79	\$2,725.06*
Intel Xeon X3210 @ 2.13GHz	2768	1247	18.58	\$149.00*
Intel Xeon X3220 @ 2.40GHz	3089	1137	53.28	\$57.99
Intel Xeon X3230 @ 2.66GHz	3431	1040	9.53	\$359.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3320 @ 2.50GHz	3335	1068	14.53	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3165	1115	44.59	\$70.99*
Intel Xeon X3330 @ 2.66GHz	3376	1058	16.08	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3880	934	64.68	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3881	933	52.81	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3962	917	25.09	\$157.95*
Intel Xeon X3363 @ 2.83GHz	4030	900	25.52	\$157.95*
Intel Xeon X3370 @ 3.00GHz	4289	853	11.69	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4697	770	NA	NA
Intel Xeon X3430 @ 2.40GHz	3371	1060	16.86	\$200.00
Intel Xeon X3440 @ 2.53GHz	4548	804	20.21	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4850	745	37.31	\$130.00*
Intel Xeon X3460 @ 2.80GHz	5117	694	14.33	\$357.00
Intel Xeon X3470 @ 2.93GHz	5187	686	10.17	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	620	NA	NA
Intel Xeon X5260 @ 3.33GHz	2453	1350	17.62	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2535	1319	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1371	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3250	1090	53.17	\$61.14
Intel Xeon X5365 @ 3.00GHz	3491	1026	35.09	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4134	884	84.64	\$48.85

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5460 @ 3.16GHz	4350	843	75.01	\$58.00
Intel Xeon X5470 @ 3.33GHz	4614	788	15.70	\$293.87*
Intel Xeon X5472 @ 3.00GHz	4023	901	17.88	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4569	801	45.70	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4829	749	3.47	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5404	658	312.95	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5399	659	94.89	\$56.90*
Intel Xeon X5570 @ 2.93GHz	5679	618	126.24	\$44.99
Intel Xeon X5647 @ 2.93GHz	5980	580	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7431	451	193.57	\$38.39
Intel Xeon X5660 @ 2.80GHz	7640	435	66.49	\$114.91
Intel Xeon X5667 @ 3.07GHz	4722	765	67.47	\$70.00
Intel Xeon X5670 @ 2.93GHz	7946	411	122.25	\$65.00
Intel Xeon X5672 @ 3.20GHz	6438	542	55.93	\$115.12*
Intel Xeon X5675 @ 3.07GHz	8484	366	35.50	\$239.00
Intel Xeon X5677 @ 3.47GHz	6931	495	19.80	\$350.00*
Intel Xeon X5679 @ 3.20GHz	8845	341	NA	NA
Intel Xeon X5680 @ 3.33GHz	8605	361	66.22	\$129.95
Intel Xeon X5687 @ 3.60GHz	7094	479	97.34	\$72.89
Intel Xeon X5690 @ 3.47GHz	8977	330	57.92	\$155.00
Intel Xeon X5698 @ 4.40GHz	4272	854	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1174	NA	NA
Mobile AMD Athlon 4	314	2518	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2473	NA	NA
Mobile AMD Athlon 64 2700+	398	2426	NA	NA
Mobile AMD Athlon 64 2800+	440	2376	NA	NA
Mobile AMD Athlon 64 3000+	450	2366	NA	NA
Mobile AMD Athlon 64 3200+	448	2368	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon 64 3400+	511	2307	NA	NA
Mobile AMD Athlon 64 3700+	435	2388	NA	NA
Mobile AMD Athlon 64 4000+	576	2267	NA	NA
Mobile AMD Athlon 1400+	266	2596	NA	NA
Mobile AMD Athlon 2500+	370	2457	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2597	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2445	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2550	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2318	NA	NA
Mobile AMD Athlon XP	572	2273	47.72	\$11.99*
Mobile AMD Athlon XP-M	512	2306	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2678	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2601	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2605	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2506	NA	NA
Mobile AMD Athlon XP-M 1800+	312	2522	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2492	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2540	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2467	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2487	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 2500+	346	2485	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2456	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2465	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2464	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2378	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2326	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2312	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2557	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2549	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2497	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2454	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2343	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2313	NA	NA
Mobile AMD Sempron 2100+	252	2612	NA	NA
Mobile AMD Sempron 2600+	394	2432	NA	NA
Mobile AMD Sempron 2800+	358	2474	NA	NA
Mobile AMD Sempron 3000+	389	2439	NA	NA
Mobile AMD Sempron 3100+	416	2400	NA	NA
Mobile AMD Sempron 3200+	354	2478	NA	NA
Mobile AMD Sempron 3300+	445	2372	NA	NA
Mobile AMD Sempron 3400+	447	2369	NA	NA
Mobile AMD Sempron 3500+	410	2406	NA	NA
Mobile AMD Sempron 3600+	431	2392	NA	NA
Mobile AMD Sempron 3800+	485	2331	NA	NA
Mobile Intel Celeron 1.20GHz	170	2688	NA	NA
Mobile Intel Celeron 1.50GHz	188	2672	NA	NA
Mobile Intel Celeron 1.60GHz	188	2673	NA	NA
Mobile Intel Celeron 1.70GHz	181	2681	NA	NA
Mobile Intel Celeron 1.80GHz	186	2675	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 2.00GHz	204	2658	NA	NA
Mobile Intel Celeron 2.20GHz	226	2639	NA	NA
Mobile Intel Celeron 2.40GHz	239	2627	NA	NA
Mobile Intel Celeron 2.50GHz	281	2576	NA	NA
Mobile Intel Celeron 1200MHz	294	2551	NA	NA
Mobile Intel Celeron 1333MHz	309	2526	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2583	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2599	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2580	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2516	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2495	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2475	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2379	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2340	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2667	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2687	0.91	\$189.99
Mobile Intel Pentium 4 - M 1.80GHz	175	2684	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2634	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2662	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 - M 2.20GHz	198	2664	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2650	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2607	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2519	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2652	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2663	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2616	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2555	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2640	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2556	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1334	NA	NA
Quad-Core AMD Opteron 1385	3442	1039	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3418	1044	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1194	NA	NA
VIA C3 Ezra	100	2716	NA	NA
VIA C7 1500MHz	284	2571	NA	NA
VIA C7-D 1500MHz	287	2563	NA	NA
VIA C7-D 1800MHz	203	2659	NA	NA
VIA C7-D 2000MHz	368	2460	NA	NA
VIA C7-M 1000MHz	164	2690	NA	NA
VIA C7-M 1200MHz	140	2703	NA	NA
VIA C7-M 1600MHz	178	2683	NA	NA
VIA C7-M 6300MHz	222	2642	NA	NA
VIA Eden 800MHz	155	2694	NA	NA
VIA Eden 1000MHz	123	2711	NA	NA
VIA Eden 1200MHz	142	2702	NA	NA
VIA Eden C1050@1.06GHz	352	2481	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2338	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	1961	NA	NA
VIA Esther 1000MHz	146	2701	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Esther 1300MHz	250	2615	NA	NA
VIA Esther 1500MHz	219	2644	NA	NA
VIA Esther 2000MHz	394	2431	NA	NA
VIA Nano L1900@1400MHz	457	2358	NA	NA
VIA Nano L2007@1600MHz	369	2458	NA	NA
VIA Nano L2100@1800MHz	428	2394	NA	NA
VIA Nano L2207@1600MHz	296	2548	NA	NA
VIA Nano L3025@1600MHz	517	2302	NA	NA
VIA Nano L3050@1800MHz	581	2266	NA	NA
VIA Nano L3600@2000MHz	645	2232	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2447	NA	NA
VIA Nano U2250@1300+MHz	274	2588	NA	NA
VIA Nano U2500@1200MHz	306	2530	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2315	NA	NA
VIA Nano U3300@1200MHz	409	2409	NA	NA
VIA Nano U3500@1000MHz	275	2586	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2252	NA	NA
VIA Nehemiah	155	2695	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA QuadCore C4650@2.0GHz	1940	1550	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1833	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1942	NA	NA
VIA Samuel 2	79	2718	NA	NA

* - Last price seen from our affiliates.

Multi CPU Systems

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	268	24.17	\$317.40*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	106	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	369	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	375	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	420	NA	NA
[Dual CPU] AMD EPYC 7281	12720	157	9.10	\$1,397.98
[Dual CPU] AMD EPYC 7401	23518	51	5.84	\$4,024.00
[Dual CPU] AMD EPYC 7451	28957	22	5.68	\$5,093.98
[Dual CPU] AMD EPYC 7501	23727	50	3.19	\$7,445.98
[Dual CPU] AMD EPYC 7551	30966	15	3.54	\$8,759.50
[Dual CPU] AMD Opteron 246	1130	409	28.26	\$39.98
[Dual CPU] AMD Opteron 248	1053	410	4.79	\$219.90
[Dual CPU] AMD Opteron 250	1438	406	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1385	407	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	415	NA	NA
[Dual CPU] AMD Opteron 256	1853	403	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	401	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	397	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	400	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	392	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	384	NA	NA
[Dual CPU] AMD Opteron 290	2807	381	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	378	NA	NA
[Dual CPU] AMD Opteron 2212	2203	398	91.79	\$24.00*
[Dual CPU] AMD Opteron 2214	2344	393	90.15	\$26.00
[Dual CPU] AMD Opteron 2214 HE	2463	391	NA	NA
[Dual CPU] AMD Opteron 2216	2485	389	6.98	\$356.00
[Dual CPU] AMD Opteron 2216 HE	2593	387	NA	NA
[Dual CPU] AMD Opteron 2218	2719	385	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	388	NA	NA
[Dual CPU] AMD Opteron 2220	2850	379	0.97	\$2,950.32*
[Dual CPU] AMD Opteron 2220 SE	2882	377	57.64	\$50.00
[Dual CPU] AMD Opteron 2222	3008	372	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	367	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	357	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	364	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4090	358	7.57	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	346	6.88	\$664.06
[Dual CPU] AMD Opteron 2356	4441	349	148.53	\$29.90
[Dual CPU] AMD Opteron 2360 SE	5315	329	98.43	\$54.00
[Dual CPU] AMD Opteron 2373 EE	4164	355	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2374 HE	4799	342	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	330	104.76	\$50.00*
[Dual CPU] AMD Opteron 2378	5559	324	15.53	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	316	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	313	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6441	297	NA	NA
[Dual CPU] AMD Opteron 2389	5677	317	142.00	\$39.98
[Dual CPU] AMD Opteron 2419	5191	332	216.47	\$23.98
[Dual CPU] AMD Opteron 2425 HE	6209	305	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2427	5980	311	31.43	\$190.28*
[Dual CPU] AMD Opteron 2431	6438	298	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7080	283	29.40	\$240.80*
[Dual CPU] AMD Opteron 2439 SE	8071	254	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	359	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	319	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	301	29.10	\$218.00
[Dual CPU] AMD Opteron 4180	6367	300	14.15	\$450.08
[Dual CPU] AMD Opteron 4184	7848	260	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	253	8.64	\$936.14*
[Dual CPU] AMD Opteron 4228 HE	7986	255	NA	NA
[Dual CPU] AMD Opteron 4234	9361	222	15.57	\$601.40*
[Dual CPU] AMD Opteron 4276 HE	9681	216	NA	NA
[Dual CPU] AMD Opteron 4280	4525	347	4.96	\$912.88*
[Dual CPU] AMD Opteron 4284	7833	262	10.96	\$714.60*
[Dual CPU] AMD Opteron 4334	9456	221	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	195	NA	NA
[Dual CPU] AMD Opteron 4376 HE	10244	203	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	185	15.01	\$757.04*
[Dual CPU] AMD Opteron 6128	6881	288	163.91	\$41.98
[Dual CPU] AMD Opteron 6128 HE	5582	322	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	237	NA	NA
[Dual CPU] AMD Opteron 6136	7255	277	10.10	\$718.00
[Dual CPU] AMD Opteron 6164 HE	5109	335	NA	NA
[Dual CPU] AMD Opteron 6168	7741	265	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7623	269	18.15	\$419.90
[Dual CPU] AMD Opteron 6174	8776	234	399.27	\$21.98
[Dual CPU] AMD Opteron 6176 SE	8448	242	15.30	\$552.00*
[Dual CPU] AMD Opteron 6180 SE	3114	370	NA	NA
[Dual CPU] AMD Opteron 6204	7134	281	NA	NA
[Dual CPU] AMD Opteron 6212	8955	228	21.37	\$419.00*
[Dual CPU] AMD Opteron 6220	10740	191	25.57	\$420.00
[Dual CPU] AMD Opteron 6234	10262	202	12.83	\$799.98*
[Dual CPU] AMD Opteron 6238	10349	199	4.76	\$2,176.22*
[Dual CPU] AMD Opteron 6272	10026	208	16.05	\$624.80
[Dual CPU] AMD Opteron 6274	10682	192	25.43	\$420.00
[Dual CPU] AMD Opteron 6275	9936	211	NA	NA
[Dual CPU] AMD Opteron 6276	10194	205	16.50	\$617.78
[Dual CPU] AMD Opteron 6284 SE	11985	171	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6308	8351	245	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10914	189	20.21	\$539.96
[Dual CPU] AMD Opteron 6328	11722	176	11.49	\$1,019.96
[Dual CPU] AMD Opteron 6344	11203	186	13.83	\$809.96
[Dual CPU] AMD Opteron 6348	11412	182	9.13	\$1,249.96
[Dual CPU] AMD Opteron 6376	10405	197	8.69	\$1,198.00
[Dual CPU] AMD Opteron 6378	2905	376	3.64	\$798.00*
[Dual CPU] AMD Opteron 6380	14200	144	47.34	\$299.98
[Dual CPU] AMD Opteron 6386 SE	10764	190	35.88	\$299.98
[Dual CPU] AMD Opteron 8218	2831	380	67.40	\$42.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 8222 SE	2793	383	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	368	73.25	\$44.00
[Dual CPU] AMD Opteron 8380	5643	320	13.70	\$412.00*
[Dual CPU] AMD Opteron 8381 HE	5210	331	NA	NA
[Dual CPU] AMD Opteron 8389	6517	294	155.24	\$41.98
[Dual CPU] AMD Opteron 8431	5813	314	207.76	\$27.98
[Dual CPU] AMD Opteron 8435	7606	270	38.42	\$197.98*
[Dual CPU] AMD Opteron 8439 SE	7691	267	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	408	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	395	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	363	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7955	256	2.20	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	429	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	427	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	423	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	425	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	430	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	431	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	428	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	479	426	26.32	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	421	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	687	417	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	784	416	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	419	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	857	414	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	893	413	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	926	412	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	402	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	411	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2154	399	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	394	0.70	\$3,289.96*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2615	386	34.05	\$76.80*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	371	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2980	374	45.96	\$64.84
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	373	37.50	\$79.98*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3449	365	3.78	\$911.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3845	361	131.68	\$29.20*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8987	227	17.83	\$503.98
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11646	178	16.69	\$697.88
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	306	6.93	\$895.18
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	303	14.14	\$445.68*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7518	272	11.22	\$670.08
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	226	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11724	175	15.64	\$749.60
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11725	174	10.11	\$1,159.90
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	247	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	147	12.79	\$1,066.44
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	14265	142	13.16	\$1,084.24
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	183	54.76	\$207.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	163	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	156	16.07	\$800.00*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	146	9.50	\$1,444.44*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	117	NA	NA
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11886	172	91.44	\$129.98
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	116	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	100	4.13	\$4,500.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6326	302	113.61	\$55.68
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	293	68.44	\$95.26
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8374	243	19.18	\$436.64
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8542	240	18.57	\$459.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8223	250	52.71	\$156.00
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8815	232	15.80	\$558.00
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9984	209	11.14	\$896.04
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10992	188	12.66	\$868.00*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12441	161	60.39	\$206.00
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13472	154	18.47	\$729.28
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15276	131	10.75	\$1,421.08
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16416	119	18.57	\$884.00
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14251	143	17.59	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12208	167	11.12	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	138	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13621	150	53.15	\$256.28
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16064	122	50.52	\$318.00
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18581	99	15.94	\$1,165.98
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18923	98	13.71	\$1,380.00
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	187	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	149	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	132	10.10	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	275	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15958	124	4.84	\$3,298.44
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16437	118	6.34	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16678	115	6.94	\$2,401.72
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14708	135	68.54	\$214.58
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14491	139	51.94	\$279.02
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20524	84	6.63	\$3,094.54

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20698	81	10.38	\$1,994.20
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13608	152	12.88	\$1,056.80
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21298	74	4.24	\$5,018.00
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21083	77	5.67	\$3,720.00*
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21705	69	6.74	\$3,218.24
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	165	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	11808	173	3.99	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	105	6.69	\$2,705.80
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15001	133	61.48	\$244.00
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19049	97	29.22	\$652.00
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20518	85	10.46	\$1,960.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20452	86	7.99	\$2,559.06
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	140	91.04	\$158.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14337	141	23.97	\$598.10
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	80	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13345	155	4.56	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18096	104	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	94	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16404	120	80.41	\$204.00
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18347	101	30.04	\$610.68*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22600	63	7.06	\$3,199.98
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23117	56	7.76	\$2,977.98
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	55	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17470	107	61.73	\$283.00*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	38	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17003	112	37.62	\$452.00
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22846	62	14.96	\$1,527.12
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23109	57	5.11	\$4,519.90*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23855	49	5.53	\$4,310.00
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18256	102	37.38	\$488.38
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	21136	76	21.45	\$985.54
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	66	7.71	\$2,900.00*
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23077	58	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	22959	61	16.40	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	20	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	89	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	70	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	19	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18202	103	52.45	\$347.02
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21476	71	30.77	\$698.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24877	39	6.19	\$4,017.90
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	53	6.63	\$3,525.80*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	113	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	20981	79	5.28	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24503	42	6.45	\$3,799.98*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	67	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26071	33	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21008	78	17.54	\$1,197.48

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23264	54	3.13	\$7,427.10*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24199	45	4.02	\$6,019.90*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26529	30	5.75	\$4,614.62*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	20362	87	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	31	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	20005	88	49.52	\$404.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23887	48	20.28	\$1,178.00
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25668	35	7.10	\$3,615.40
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27561	27	5.86	\$4,701.76*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20590	83	2.87	\$7,186.44
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	40	6.18	\$4,019.98
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	36	5.00	\$5,125.90
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23914	47	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30116	17	6.03	\$4,996.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31526	12	5.24	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23421	52	5.24	\$4,470.04*
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28349	24	5.32	\$5,323.80*
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30520	16	5.44	\$5,610.00
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	25	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29958	18	4.37	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	10	5.00	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	46	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	25481	37	3.18	\$8,020.00
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34330	7	2.14	\$16,020.00*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	82	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	92	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	126	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	96	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	91	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19401	93	19.72	\$983.60*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	134	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	193	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	64	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	29	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	168	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	127	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	65	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7-4870 @ 2.40GHz	15488	128	2.35	\$6,587.58*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	396	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	360	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3588	362	6.90	\$519.90*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4141	356	13.11	\$315.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	338	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4593	345	129.23	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5134	334	62.19	\$82.56*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5182	333	139.90	\$37.04*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6036	309	14.58	\$414.02*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6378	299	12.27	\$519.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6867	289	95.38	\$72.00
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7207	278	169.66	\$42.48*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7576	271	102.60	\$73.84*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7148	280	130.92	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7836	261	71.50	\$109.60*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2480	390	13.05	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	382	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4892	339	88.30	\$55.40*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5023	337	16.75	\$299.90*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5434	326	5.95	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7438	274	229.00	\$32.48*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7740	266	150.00	\$51.60*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7859	259	143.31	\$54.84
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4236	353	16.41	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5560	323	12.69	\$438.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5989	310	9.66	\$620.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8104	252	100.35	\$80.76
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8366	244	58.33	\$143.42
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8790	233	24.42	\$359.90
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10413	196	68.84	\$151.26
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10348	200	44.99	\$230.00
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	325	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	328	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	21833	68	8.16	\$2,675.98
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	44	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	75	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	21447	72	7.96	\$2,696.00*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25997	34	8.33	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17132	111	6.61	\$2,589.98*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27978	26	7.88	\$3,552.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	23072	59	6.80	\$3,394.00*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	23057	60	5.97	\$3,864.18
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	27498	28	5.51	\$4,987.08*
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29157	21	5.48	\$5,320.00*
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35823	4	6.67	\$5,369.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32523	9	6.17	\$5,269.54*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	24344	43	4.12	\$5,904.00*
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28434	23	4.86	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	34296	8	4.53	\$7,574.54
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	13	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35368	6	4.65	\$7,599.98*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36823	3	5.20	\$7,086.00*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	348	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	352	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	340	64.02	\$76.40*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	321	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6137	307	30.66	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6487	296	20.53	\$315.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6600	291	20.89	\$315.90*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	287	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	286	130.04	\$53.40*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	257	284.35	\$27.92*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	285	220.31	\$31.80*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	229	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9618	217	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9734	215	140.06	\$69.50*
[Dual CPU] Intel Xeon MP 2.50GHz	550	422	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	424	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	418	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	404	NA	NA
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39514	2	3.35	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	5	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	31092	14	1.55	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	16342	121	17.40	\$939.32*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	17291	109	16.01	\$1,080.16*
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13557	153	12.81	\$1,058.42*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19311	95	12.97	\$1,489.46*
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	19703	90	8.79	\$2,242.32*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	206	48.66	\$207.76*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10356	198	3.36	\$3,080.20*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	201	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4778	343	17.16	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	344	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	341	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5808	315	47.50	\$122.28
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6241	304	31.36	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7503	273	76.80	\$97.70
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7876	258	67.90	\$116.00
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8204	251	13.96	\$587.74*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7780	263	17.29	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8258	248	41.29	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8769	235	3.15	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9021	225	261.18	\$34.54*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	223	79.82	\$113.80*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9534	220	105.96	\$89.98
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	212	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11382	184	148.24	\$76.78
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11678	177	50.81	\$229.82
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	231	62.98	\$140.00
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12357	162	95.05	\$130.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10053	207	43.66	\$230.24*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12648	159	26.46	\$478.00
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11506	180	16.44	\$700.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	151	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13637	148	52.47	\$259.90
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	12010	170	82.38	\$145.78
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13938	145	44.96	\$310.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	241	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	292	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	236	41.21	\$211.60*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	210	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	179	264.34	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	354	59.59	\$70.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	336	15.28	\$330.00*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	351	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	350	199.09	\$21.98
[Dual CPU] Quad-Core AMD Opteron 8378	5382	327	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	290	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	318	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	312	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	246	NA	NA
[Quad CPU] AMD Opteron 6136	9767	213	6.80	\$1,436.00
[Quad CPU] AMD Opteron 6272	12292	164	9.84	\$1,249.60
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 6274	10488	194	12.49	\$840.00
[Quad CPU] AMD Opteron 6276	15342	130	12.42	\$1,235.56
[Quad CPU] AMD Opteron 6278	12055	169	4.35	\$2,770.00*
[Quad CPU] AMD Opteron 6376	14681	136	6.13	\$2,396.00
[Quad CPU] AMD Opteron 6380	12442	160	20.74	\$599.96
[Quad CPU] AMD Opteron 8360 SE	6490	295	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	308	NA	NA
[Quad CPU] AMD Opteron 8382	8553	239	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	276	NA	NA
[Quad CPU] AMD Opteron 8431	8252	249	147.46	\$55.96
[Quad CPU] AMD Opteron 8435	7099	282	17.93	\$395.96*
[Quad CPU] AMD Opteron 8439 SE	8943	230	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	405	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	366	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	114	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	125	1.13	\$14,079.88*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	41	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	73	10.86	\$1,967.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	123	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	11	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	110	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	108	131.38	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14622	137	1.11	\$13,175.16*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	158	15.87	\$799.96*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	284	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	264	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	204	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	218	7.31	\$1,310.40*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	224	14.31	\$631.80*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	32	5.05	\$5,179.96*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	214	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	219	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12250	166	28.95	\$423.20*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	238	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	181	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	129	175.16	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	279	163.10	\$43.96

* - Last price seen from our affiliates.

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 [CPU Popularity 90 days] - [Multi CPU Systems] - [Laptop CPUs] - [Desktop CPUs]
 [CPU Mega Page - Detailed CPU List] - [Single Thread CPU Performance]
 [CPU Mark by Socket Type] - [Manufacturer Market Share]

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

Find Videocard

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
128 DDR Radeon 9700 TX w/TV-Out	44	1378	NA	NA
128MB DDR Radeon 9800 Pro	66	1315	NA	NA
128MB RADEON X600 SE	49	1361	NA	NA
15DD	2017	257	NA	NA
256MB RADEON X600	67	1308	NA	NA
7900 MOD - Radeon HD 6520G	610	763	NA	NA
A6 Micro-6500T Quad-Core APU with RadeonR4	220	1054	NA	NA
ABIT Siluro T400	3	1573	NA	NA
ALL-IN-WONDER 9000	4	1545	NA	NA
ALL-IN-WONDER RADEON 8500DV	5	1539	NA	NA
All-in-Wonder X1900	127	1161	NA	NA
ALL-IN-WONDER X800 GT	84	1265	NA	NA
ASUS EAH4870x2	496	873	NA	NA
Barco MXRT 5400	1334	353	NA	NA
Barco MXRT 5450	992	477	NA	NA
Barco MXRT 7500	4319	122	NA	NA
Chell 1.7b for Intel 945G	12	1491	NA	NA
Chell 1.7b for Intel G33/G31	16	1480	NA	NA
Chell 1.7b for Intel GMA 3150	4	1554	NA	NA
Chell 1.7b for Mobile Intel 945	6	1513	NA	NA
Chell 1.8a for Mobile Intel 965	22	1458	NA	NA
Chell 1.8b for Intel 945G	1	1623	NA	NA
Chell 1.8b for Intel G33/G31	7	1509	NA	NA
Chell 1.8b for Mobile Intel 945	2	1614	NA	NA
Chell 1.8b for Mobile Intel 965	14	1483	NA	NA
Chipset Intel G41 Express	57	1342	NA	NA
Device	3545	153	NA	NA
EAH6450	264	1021	NA	NA
Famille de jeu de puces Express Intel 946GZ	7	1506	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FireGL T2-128	30	1430	NA	NA
FireGL V3100	52	1349	NA	NA
FireGL V3200	84	1263	NA	NA
FireGL V3300	70	1299	NA	NA
FireGL V3350	66	1310	NA	NA
FireGL V3400	103	1212	NA	NA
FireGL V3600	180	1108	1.12	\$160.99*
FireGL V5100	92	1244	NA	NA
FireGL V5200	113	1187	NA	NA
FireGL V5600	341	968	NA	NA
FireGL V7200	113	1184	NA	NA
FireGL V7300	128	1159	0.11	\$1,189.99*
FireGL V7350	122	1169	0.08	\$1,523.99*
FireGL V7600	615	757	NA	NA
FireGL V7700	660	712	3.77	\$174.99*
FireGL V8650	550	826	1.67	\$329.99*
FireGL X1	59	1336	NA	NA
FireMV 2200 PCIe	36	1406	0.40	\$89.99*
FireMV 2250	45	1371	0.43	\$105.99*
FireMV 2260	117	1177	1.12	\$104.99*
FireMV 2400 PCIe	13	1485	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro 2260	113	1188	NA	NA
FirePro 2270	226	1051	2.15	\$105.06*
FirePro 2450	51	1350	0.19	\$278.00*
FirePro 2460	215	1059	0.80	\$269.99*
FirePro 3D V3700	184	1102	2.17	\$84.99*
FirePro 3D V3750	350	961	6.90	\$50.88*
FirePro 3D V3800	474	888	3.16	\$149.99*
FirePro 3D V4800	1079	431	6.75	\$159.99*
FirePro 3D V5700	552	822	1.73	\$319.99*
FirePro 3D V5800	1451	329	3.92	\$369.99*
FirePro 3D V7750	540	842	1.54	\$350.00*
FirePro 3D V7800	1809	283	3.02	\$599.99*
FirePro 3D V8700	1198	391	5.99	\$199.99*
FirePro 3D V8750	1271	373	1.03	\$1,230.99*
FirePro 3D V8800	2485	215	5.85	\$424.99*
FirePro 3D V9800	2811	196	1.13	\$2,499.00*
FirePro M2000	610	764	NA	NA
FirePro M4000	1582	310	NA	NA
FirePro M4000 Mobility Pro	1721	295	NA	NA
FirePro M40003	1364	346	NA	NA
Firepro M4100	1062	434	NA	NA
FirePro M4150	1102	422	NA	NA
FirePro M4170	1086	426	NA	NA
FirePro M5100	2097	246	NA	NA
FirePro M5950	1314	359	NA	NA
FirePro M6000 Mobility Pro	1721	294	NA	NA
FirePro M6100	2919	189	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro M7740	657	715	NA	NA
FirePro S7000	4166	129	NA	NA
FirePro V3900	870	542	6.70	\$129.99*
FirePro V4800	1204	387	NA	NA
FirePro V4900	1299	364	8.96	\$144.99*
FirePro V5700	464	897	NA	NA
FirePro V5900	1526	321	4.77	\$319.99*
FirePro V7000 Adapter	3161	170	NA	NA
FirePro V7900	2717	203	22.65	\$119.99*
FirePro V9800 Adapter	2730	201	NA	NA
FirePro W2100	899	527	7.89	\$113.99*
FirePro W4100	1615	308	10.10	\$159.99*
FirePro W4100 Adapter	1740	291	NA	NA
FirePro W4170M	1307	362	NA	NA
Firepro W4190M	1269	375	NA	NA
FirePro W4300	2894	190	12.06	\$239.99*
FirePro W5000	3059	181	7.05	\$434.00*
FirePro W5100	3002	186	10.76	\$279.13*
FirePro W5130M	1655	303	NA	NA
Firepro W5170M	2191	237	NA	NA
FirePro W600	1728	293	3.60	\$479.99*
FirePro W7000	4245	125	7.45	\$569.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro W7000 Adapter	3963	136	NA	NA
FirePro W7100	5373	86	8.53	\$629.99*
FirePro W7100 Adapter	5647	79	NA	NA
FirePro W7170M	4643	107	NA	NA
FirePro W8000	4418	114	4.21	\$1,048.99*
FirePro W8000 Adapter	4751	102	NA	NA
FirePro W8100	6070	70	6.07	\$999.99*
FirePro W8100 Graphic Adapter	8219	46	NA	NA
FirePro W9000	5394	85	1.57	\$3,443.99*
FirePro W9100	7136	60	2.60	\$2,749.99*
FirePro W9100 Adapter	8299	45	NA	NA
FireStream 9250	1164	401	NA	NA
FireStream 9270	1341	352	NA	NA
GeForce 205	126	1163	NA	NA
GeForce 210	174	1112	4.58	\$37.99
GeForce 256	5	1542	0.12	\$42.04*
GeForce 305M	190	1095	NA	NA
GeForce 310	205	1078	1.90	\$108.35*
GeForce 310M	211	1066	NA	NA
GeForce 315	255	1034	7.73	\$32.99*
GeForce 315M	210	1069	NA	NA
GeForce 320M	273	1014	NA	NA
GeForce 405	214	1061	8.73	\$24.64*
GeForce 410M	349	964	NA	NA
GeForce 505	191	1093	NA	NA
GeForce 510	304	992	4.35	\$69.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 605	318	984	3.25	\$97.99*
GeForce 6100	21	1465	NA	NA
GeForce 6100 nForce 400	25	1448	NA	NA
GeForce 6100 nForce 405	22	1462	NA	NA
GeForce 6100 nForce 420	25	1447	NA	NA
GeForce 6100 nForce 430	23	1457	NA	NA
GeForce 610M	403	934	NA	NA
GeForce 615	547	832	NA	NA
GeForce 6150	21	1463	0.15	\$149.99
GeForce 6150 LE	21	1466	NA	NA
GeForce 6150SE	24	1452	NA	NA
GeForce 6150SE nForce 430	22	1459	NA	NA
GeForce 6200	44	1377	1.11	\$39.99*
GeForce 6200 A-LE	32	1424	NA	NA
GeForce 6200 LE	26	1441	0.65	\$41.24*
GeForce 6200 TurboCache	38	1398	NA	NA
GeForce 6200SE TurboCache	29	1434	NA	NA
GeForce 6500	38	1400	NA	NA
GeForce 6600	62	1322	NA	NA
GeForce 6600 GT	102	1214	1.58	\$64.95*
GeForce 6600 LE	49	1358	NA	NA
GeForce 6610 XL	88	1257	NA	NA
GeForce 6700 XL	102	1215	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 6800	112	1194	2.81	\$39.99*
GeForce 6800 GS	136	1149	NA	NA
GeForce 6800 GS/XT	99	1222	NA	NA
GeForce 6800 GT	142	1138	NA	NA
GeForce 6800 LE	109	1197	NA	NA
GeForce 6800 Ultra	138	1143	NA	NA
GeForce 6800 XT	101	1219	NA	NA
GeForce 7000M	13	1486	NA	NA
GeForce 7000M / nForce 610M	12	1487	NA	NA
GeForce 7025 / nForce 630a	25	1446	NA	NA
GeForce 7050 / nForce 610i	27	1436	NA	NA
GeForce 7050 / nForce 620i	31	1426	NA	NA
GeForce 7050 / nForce 630i	26	1442	NA	NA
GeForce 7050 PV / nForce 630a	22	1461	NA	NA
GeForce 705M	454	901	NA	NA
GeForce 7100 / nForce 630i	31	1427	NA	NA
GeForce 7100 GS	43	1381	NA	NA
GeForce 710A	484	877	NA	NA
GeForce 710M	563	807	NA	NA
GeForce 7150 / nForce 630i	33	1421	NA	NA
GeForce 7150M / nForce 630M	17	1476	NA	NA
GeForce 7300 GS	66	1313	NA	NA
GeForce 7300 GT	108	1199	0.72	\$149.99*
GeForce 7300 LE	54	1345	1.72	\$32.00*
GeForce 7300 SE	39	1396	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 7300 SE/7200 GS	41	1385	NA	NA
GeForce 730A	789	591	NA	NA
GeForce 7350 LE	74	1290	NA	NA
GeForce 7500 LE	69	1303	NA	NA
GeForce 7600 GS	134	1153	1.58	\$84.99*
GeForce 7600 GT	182	1104	2.14	\$84.95*
GeForce 7650 GS	134	1154	NA	NA
GeForce 7800 GS	177	1109	NA	NA
GeForce 7800 GT	195	1087	2.44	\$80.00*
GeForce 7800 GTX	223	1052	NA	NA
GeForce 7900 GS	218	1056	NA	NA
GeForce 7900 GT	258	1029	NA	NA
GeForce 7900 GT/GTO	246	1037	NA	NA
GeForce 7900 GTX	305	991	NA	NA
GeForce 7950 GT	263	1022	2.30	\$114.95*
GeForce 7950 GX2	191	1094	3.48	\$54.99*
GeForce 800A	440	909	NA	NA
GeForce 800M	550	823	NA	NA
GeForce 8100 / nForce 720a	85	1261	NA	NA
GeForce 810A	638	732	NA	NA
GeForce 810M	483	879	NA	NA
GeForce 8200	79	1281	NA	NA
GeForce 8200M G	56	1343	NA	NA
GeForce 820A	691	683	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 820M	613	758	NA	NA
GeForce 825M	754	623	NA	NA
GeForce 8300	91	1250	4.04	\$22.68*
GeForce 8300 GS	66	1311	NA	NA
GeForce 830A	990	478	NA	NA
GeForce 830M	872	541	NA	NA
GeForce 8400	100	1220	1.45	\$69.78*
GeForce 8400 GS	113	1190	2.83	\$39.99
GeForce 8400 SE	68	1306	NA	NA
GeForce 8400M G	58	1337	NA	NA
GeForce 8400M GS	82	1272	5.49	\$14.99*
GeForce 8400M GT	97	1228	NA	NA
GeForce 840A	876	538	NA	NA
GeForce 840M	904	523	NA	NA
GeForce 845M	1106	418	NA	NA
GeForce 8500 GT	137	1147	NA	NA
GeForce 8600 GS	143	1137	NA	NA
GeForce 8600 GT	243	1039	NA	NA
GeForce 8600 GTS	287	1004	NA	NA
GeForce 8600M GS	124	1165	NA	NA
GeForce 8600M GT	169	1118	NA	NA
GeForce 8700M GT	208	1073	NA	NA
GeForce 8800 GS	550	825	NA	NA
GeForce 8800 GT	750	627	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 8800 GTS	606	768	NA	NA
GeForce 8800 GTS 512	836	561	NA	NA
GeForce 8800 GTX	763	612	NA	NA
GeForce 8800 Ultra	783	595	NA	NA
GeForce 8800M GTS	474	889	NA	NA
GeForce 8800M GTX	543	841	NA	NA
GeForce 9100	82	1269	NA	NA
GeForce 9100M G	74	1288	NA	NA
GeForce 910M	475	885	NA	NA
GeForce 9200	81	1279	NA	NA
GeForce 9200M GE	82	1271	NA	NA
GeForce 9200M GS	85	1260	NA	NA
GeForce 920A	925	513	NA	NA
GeForce 920M	730	643	NA	NA
GeForce 920MX	1047	446	NA	NA
GeForce 9300	126	1162	NA	NA
GeForce 9300 / nForce 730i	130	1156	NA	NA
GeForce 9300 GE	101	1217	4.43	\$22.99*
GeForce 9300 GS	91	1246	1.53	\$59.95*
GeForce 9300GE	97	1227	NA	NA
GeForce 9300M G	84	1264	NA	NA
GeForce 9300M GS	95	1235	NA	NA
GeForce 930A	1203	388	NA	NA
GeForce 930M	934	508	NA	NA
GeForce 930MX	1175	397	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9400	144	1136	NA	NA
GeForce 9400 GT	188	1098	2.35	\$79.99*
GeForce 9400M	120	1171	NA	NA
GeForce 9400M G	125	1164	NA	NA
GeForce 940A	810	577	NA	NA
GeForce 940M	976	488	NA	NA
GeForce 940MX	1312	360	NA	NA
GeForce 945M	1434	331	NA	NA
GeForce 9500 GS	280	1007	NA	NA
GeForce 9500 GT	275	1011	3.20	\$85.99*
GeForce 9500M	103	1210	NA	NA
GeForce 9500M G	166	1120	NA	NA
GeForce 9500M GS	182	1103	NA	NA
GeForce 9600 GS	448	905	NA	NA
GeForce 9600 GSO	517	856	10.35	\$49.99*
GeForce 9600 GSO 512	502	868	NA	NA
GeForce 9600 GT	732	641	18.31	\$39.99*
GeForce 9600M GS	233	1047	NA	NA
GeForce 9600M GT	261	1025	NA	NA
GeForce 9600M GT / GeForce GT 220M	293	999	NA	NA
GeForce 9650M GS	270	1016	NA	NA
GeForce 9650M GT	255	1033	NA	NA
GeForce 9700M GT	320	980	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9700M GTS	479	881	NA	NA
GeForce 9800 GT	710	665	6.83	\$103.99*
GeForce 9800 GTX	769	606	NA	NA
GeForce 9800 GTX+	903	524	NA	NA
GeForce 9800 GTX/9800 GTX+	883	532	9.82	\$89.99*
GeForce 9800 GX2	800	582	NA	NA
GeForce 9800 S	635	737	NA	NA
GeForce 9800M GS	547	831	NA	NA
GeForce 9800M GT	469	893	NA	NA
GeForce 9800M GTS	645	726	NA	NA
GeForce 9800M GTX	527	850	1.60	\$328.50*
GeForce FX 5200	7	1505	0.11	\$69.99*
GeForce FX 5200 Ultra	12	1490	NA	NA
GeForce FX 5200LE	7	1511	0.16	\$42.99*
GeForce FX 5200SE	11	1492	NA	NA
GeForce FX 5500	8	1502	0.22	\$36.99*
GeForce FX 5600	11	1493	NA	NA
GeForce FX 5600 Ultra	17	1478	NA	NA
GeForce FX 5600XT	9	1500	NA	NA
GeForce FX 5700	41	1386	NA	NA
GeForce FX 5700 Ultra	34	1415	NA	NA
GeForce FX 5700LE	25	1449	NA	NA
GeForce FX 5700VE	33	1420	NA	NA
GeForce FX 5900	34	1413	NA	NA
GeForce FX 5900 Ultra	41	1387	NA	NA
GeForce FX 5900XT	40	1389	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce FX 5950 Ultra	59	1334	NA	NA
GeForce FX Go 5200	8	1501	NA	NA
GeForce FX Go 5600	17	1477	NA	NA
GeForce FX Go5300	12	1488	NA	NA
GeForce FX Go5650	16	1479	NA	NA
GeForce FX Go5700	51	1351	NA	NA
GeForce G 103M	106	1203	NA	NA
GeForce G 105M	113	1189	NA	NA
GeForce G100	100	1221	5.03	\$19.99*
GeForce G102M	96	1232	NA	NA
GeForce G105M	181	1105	NA	NA
GeForce G200	134	1155	NA	NA
GeForce G205M	91	1249	NA	NA
GeForce G210	170	1115	2.71	\$63.13*
GeForce G210M	200	1081	NA	NA
GeForce Go 6100	18	1474	NA	NA
GeForce Go 6150	18	1475	NA	NA
GeForce Go 6200	15	1481	NA	NA
GeForce Go 6400	24	1453	NA	NA
GeForce Go 6600	69	1304	NA	NA
GeForce Go 6600 TE/6200 TE	44	1374	NA	NA
GeForce Go 6800	106	1202	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce Go 6800 Ultra	137	1146	NA	NA
GeForce Go 7200	45	1372	NA	NA
GeForce Go 7300	50	1354	NA	NA
GeForce Go 7400	62	1324	NA	NA
GeForce Go 7600	128	1158	NA	NA
GeForce Go 7600 GT	163	1123	NA	NA
GeForce Go 7700	147	1133	NA	NA
GeForce Go 7800	116	1180	NA	NA
GeForce Go 7800 GTX	208	1071	NA	NA
GeForce Go 7900 GS	176	1110	NA	NA
GeForce Go 7950 GTX	263	1024	NA	NA
GeForce GPU	1172	399	NA	NA
GeForce GT 1030	2244	230	28.77	\$77.99
GeForce GT 120	289	1002	8.40	\$34.49*
GeForce GT 120M	274	1012	NA	NA
GeForce GT 130	462	899	16.54	\$27.99*
GeForce GT 130M	299	996	NA	NA
GeForce GT 140	757	617	NA	NA
GeForce GT 220	351	960	4.39	\$79.99*
GeForce GT 220M	261	1026	NA	NA
GeForce GT 230	474	887	10.79	\$43.99*
GeForce GT 230M	333	973	NA	NA
GeForce GT 240	650	721	17.14	\$37.99*
GeForce GT 240M	353	957	NA	NA
GeForce GT 320	553	821	16.94	\$32.69*
GeForce GT 320M	205	1077	NA	NA
GeForce GT 325M	295	998	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 330	554	819	13.88	\$39.99*
GeForce GT 330M	363	952	NA	NA
GeForce GT 335M	503	866	NA	NA
GeForce GT 340	775	602	14.64	\$52.99*
GeForce GT 415M	319	983	NA	NA
GeForce GT 420	472	891	10.27	\$45.99*
GeForce GT 420M	545	836	NA	NA
GeForce GT 425M	625	748	NA	NA
GeForce GT 430	660	713	18.34	\$35.99*
GeForce GT 435M	666	700	NA	NA
GeForce GT 440	841	556	12.03	\$69.99*
GeForce GT 445M	1055	441	NA	NA
GeForce GT 520	367	947	6.12	\$59.99*
GeForce GT 520M	380	941	6.34	\$59.99*
GeForce GT 520MX	405	933	NA	NA
GeForce GT 525M	600	773	NA	NA
GeForce GT 530	743	633	15.17	\$49.00*
GeForce GT 540M	649	723	NA	NA
GeForce GT 545	1295	365	23.30	\$55.59*
GeForce GT 550M	722	649	NA	NA
GeForce GT 555M	894	528	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 610	352	959	8.81	\$39.99*
GeForce GT 620	431	916	10.79	\$39.99*
GeForce GT 620M	566	802	NA	NA
GeForce GT 625	439	910	NA	NA
GeForce GT 625M	479	882	NA	NA
GeForce GT 630	746	628	7.52	\$99.21*
GeForce GT 630M	685	687	NA	NA
GeForce GT 635	917	519	NA	NA
GeForce GT 635M	692	681	NA	NA
GeForce GT 640	1281	369	21.35	\$59.99*
GeForce GT 640M	953	501	NA	NA
GeForce GT 640M LE	785	593	0.92	\$849.99*
GeForce GT 645	2215	233	NA	NA
GeForce GT 645M	875	539	NA	NA
GeForce GT 650M	1221	383	NA	NA
GeForce GT 705	415	925	NA	NA
GeForce GT 710	678	694	18.35	\$36.99
GeForce GT 710M	549	827	NA	NA
GeForce GT 720	717	656	13.05	\$54.99*
GeForce GT 720A	661	710	NA	NA
GeForce GT 720M	557	813	NA	NA
GeForce GT 730	924	515	15.41	\$59.99
GeForce GT 730A	732	642	NA	NA
GeForce GT 730M	822	571	NA	NA
GeForce GT 735M	666	701	NA	NA
GeForce GT 740	1574	313	16.58	\$94.99*
GeForce GT 740M	781	598	NA	NA
GeForce GT 745A	1155	403	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 745M	967	492	NA	NA
GeForce GT 750M	1289	367	NA	NA
GeForce GT 755M	1580	311	NA	NA
GeForce GT 820M	702	672	NA	NA
GeForce GT625M	517	854	NA	NA
GeForce GTS 160M	678	695	NA	NA
GeForce GTS 240	824	568	12.69	\$64.99*
GeForce GTS 250	879	536	7.65	\$114.99*
GeForce GTS 250M	566	803	NA	NA
GeForce GTS 350M	556	816	NA	NA
GeForce GTS 360M	758	616	NA	NA
GeForce GTS 450	1557	315	23.96	\$64.99*
GeForce GTX 1050	4574	108	35.19	\$129.99
GeForce GTX 1050 Ti	5919	71	34.83	\$169.99
GeForce GTX 1050 Ti with Max-Q Design	5903	73	NA	NA
GeForce GTX 1060	8968	35	30.93	\$289.99
GeForce GTX 1060 3GB	8909	36	38.74	\$229.99
GeForce GTX 1060 5GB	9606	27	NA	NA
GeForce GTX 1060 with Max-Q Design	7446	57	NA	NA
GeForce GTX 1070	11168	19	27.24	\$409.99

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 1070 Ti	12199	12	27.11	\$449.99
GeForce GTX 1070 with Max-Q Design	8672	38	NA	NA
GeForce GTX 1080	12299	10	25.62	\$479.99
GeForce GTX 1080 Ti	14047	5	19.51	\$719.99
GeForce GTX 1080 with Max-Q Design	10423	23	NA	NA
GeForce GTX 260	1132	409	11.87	\$95.38*
GeForce GTX 260M	593	783	NA	NA
GeForce GTX 275	1240	377	10.34	\$119.99*
GeForce GTX 280	1200	389	2.30	\$522.78*
GeForce GTX 280M	619	752	NA	NA
GeForce GTX 285	1270	374	7.06	\$179.99*
GeForce GTX 285M	740	636	NA	NA
GeForce GTX 295	1053	442	6.58	\$159.99*
GeForce GTX 460	2656	205	29.52	\$89.99*
GeForce GTX 460 SE	2248	229	14.06	\$159.99*
GeForce GTX 460 v2	2492	213	12.46	\$199.99*
GeForce GTX 460M	1395	340	NA	NA
GeForce GTX 465	2949	187	11.20	\$263.28*
GeForce GTX 470	3603	148	6.90	\$522.01*
GeForce GTX 470M	1949	265	NA	NA
GeForce GTX 480	4359	118	60.55	\$71.99*
GeForce GTX 480M	2042	253	NA	NA
GeForce GTX 485M	2382	217	NA	NA
GeForce GTX 550 Ti	1926	269	6.70	\$287.59*
GeForce GTX 555	2160	241	NA	NA
GeForce GTX 560	3120	175	8.83	\$353.59*
GeForce GTX 560 SE	2204	235	24.50	\$89.99*
GeForce GTX 560 Ti	3535	155	25.62	\$138.00*
GeForce GTX 560M	1552	316	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 570	4417	115	44.18	\$99.99*
GeForce GTX 570M	2021	256	NA	NA
GeForce GTX 580	5022	94	17.33	\$289.88*
GeForce GTX 580M	2323	222	NA	NA
GeForce GTX 590	4212	127	22.89	\$184.00*
GeForce GTX 645	1924	270	NA	NA
GeForce GTX 650	1832	279	12.65	\$144.81*
GeForce GTX 650 Ti	2658	204	20.46	\$129.99*
GeForce GTX 650 Ti BOOST	3536	154	NA	NA
GeForce GTX 660	4127	130	11.79	\$349.99*
GeForce GTX 660 Ti	4670	105	14.50	\$321.99*
GeForce GTX 660M	1431	333	NA	NA
GeForce GTX 670	5372	87	11.31	\$474.99*
GeForce GTX 670M	1932	268	NA	NA
GeForce GTX 670MX	2062	249	NA	NA
GeForce GTX 675M	2139	244	NA	NA
GeForce GTX 675MX	2414	216	NA	NA
GeForce GTX 680	5678	78	9.79	\$579.99*
GeForce GTX 680M	3356	163	6.71	\$499.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 680MX	4353	119	NA	NA
GeForce GTX 690	5370	88	5.38	\$999.00*
GeForce GTX 745	2177	239	NA	NA
GeForce GTX 750	3297	168	21.84	\$150.99*
GeForce GTX 750 Ti	3727	146	12.47	\$299.01*
GeForce GTX 760	4939	97	19.76	\$249.99*
GeForce GTX 760 Ti	5110	93	17.18	\$297.50*
GeForce GTX 760A	1281	368	NA	NA
GeForce GTX 760M	1415	337	NA	NA
GeForce GTX 765M	1879	273	NA	NA
GeForce GTX 770	6081	69	13.52	\$449.99*
GeForce GTX 770M	2640	206	14.84	\$177.99*
GeForce GTX 775M	4170	128	NA	NA
GeForce GTX 780	7970	50	10.76	\$740.99*
GeForce GTX 780 Ti	8894	37	11.86	\$749.99*
GeForce GTX 780M	4003	134	NA	NA
GeForce GTX 850A	802	580	NA	NA
GeForce GTX 850M	1570	314	NA	NA
GeForce GTX 860M	1850	275	NA	NA
GeForce GTX 870M	2381	218	NA	NA
GeForce GTX 880M	3651	147	NA	NA
GeForce GTX 950	5212	91	26.81	\$194.44*
GeForce GTX 950A	1532	319	NA	NA
GeForce GTX 950M	1814	281	NA	NA
GeForce GTX 960	5805	76	25.24	\$229.99*
GeForce GTX 960A	2358	220	NA	NA
GeForce GTX 960M	2201	236	NA	NA
GeForce GTX 965M	3140	173	NA	NA
GeForce GTX 970	8591	40	18.53	\$463.56
GeForce GTX 970M	4039	132	2.13	\$1,899.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 980	9595	28	16.07	\$597.24
GeForce GTX 980 Ti	11343	17	16.68	\$679.99
GeForce GTX 980M	5855	74	NA	NA
GeForce GTX Titan	7915	51	3.85	\$2,054.59*
GeForce GTX TITAN Black	8610	39	8.61	\$999.99*
GeForce GTX TITAN X	10686	21	5.34	\$1,999.99*
GeForce GTX TITAN Z	7754	53	2.77	\$2,799.99*
GeForce MX130	1886	272	NA	NA
GeForce MX150	2091	247	NA	NA
GeForce PCX 5300	6	1520	NA	NA
GeForce PCX 5750	34	1411	NA	NA
GeForce2 GTS/GeForce2 Pro	3	1571	NA	NA
GeForce2 Integrated GPU	4	1559	NA	NA
GeForce2 MX	2	1609	NA	NA
GeForce2 MX 100/200	3	1594	NA	NA
GeForce2 MX/MX 400	3	1575	NA	NA
GeForce2 Ti	4	1552	NA	NA
GeForce3	4	1547	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce3 Ti 200	4	1561	NA	NA
GeForce3 Ti 500	2	1616	NA	NA
GeForce4 420 Go	3	1591	NA	NA
GeForce4 420 Go 32M	5	1540	NA	NA
GeForce4 4200 Go	3	1572	NA	NA
GeForce4 440 Go	3	1581	NA	NA
GeForce4 440 Go 64M	5	1524	NA	NA
GeForce4 448 Go	5	1534	NA	NA
GeForce4 460 Go --MobileForce M4 Stock--	5	1527	NA	NA
GeForce4 MX 4000	4	1556	NA	NA
GeForce4 MX 420	4	1548	NA	NA
GeForce4 MX 440	4	1557	NA	NA
GeForce4 MX 440 with AGP8X	4	1549	NA	NA
GeForce4 MX 440SE	4	1555	NA	NA
GeForce4 MX 460	4	1563	NA	NA
GeForce4 MX Integrated GPU	6	1516	NA	NA
GeForce4 Ti 4200	5	1536	NA	NA
GeForce4 Ti 4400	7	1510	NA	NA
GeForce4 Ti 4600	5	1535	0.10	\$53.99*
GeForce4 Ti 4800 SE	7	1508	NA	NA
GeForce9400M	105	1204	NA	NA
GF117	554	820	NA	NA
GIGABYTE RADEON 9600 PRO	39	1395	NA	NA
GRID K1	880	535	0.60	\$1,463.00
GRID K140Q	727	645	NA	NA
GRID K160Q	701	674	NA	NA
GRID K180Q	778	600	NA	NA
GRID K2	3772	143	2.55	\$1,477.00
GRID K220Q	912	520	NA	NA
GRID K240Q	2143	243	NA	NA
GRID K260Q	2940	188	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID K280Q	2243	231	NA	NA
GRID K520	4384	116	NA	NA
GRID M60-1Q	5309	89	NA	NA
GRID M60-2Q	5904	72	NA	NA
GRID M60-8Q	3909	138	NA	NA
GRID P40-2B	3354	164	NA	NA
GRID P6-4Q	4429	113	NA	NA
HD6450	227	1050	NA	NA
Intel - Express Chipset G41	59	1335	NA	NA
Intel - Express Chipset Q45/Q43	60	1328	NA	NA
Intel 4th Generation Haswell HD	419	924	NA	NA
Intel 82845G Controller	2	1619	NA	NA
Intel 82845G/GL Controller	2	1611	NA	NA
Intel 82845G/GL/GE/PE/GV Controller	2	1603	NA	NA
Intel 82865G Controller	4	1550	NA	NA
Intel 82915G Express	5	1530	NA	NA
Intel 82915G/GV/910GL Express	3	1599	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel 82945G Express	6	1522	NA	NA
Intel 865 Embedded Controller	3	1583	NA	NA
Intel 946GZ Embedded Chipset Function 0	3	1595	NA	NA
Intel 946GZ Express	6	1517	NA	NA
Intel B43 Express Chipset	64	1318	NA	NA
Intel Coffee Lake UHD	1124	412	NA	NA
Intel G33/G31 Express	12	1489	NA	NA
Intel G35 Express	30	1431	NA	NA
Intel G41 Express Chipset	63	1321	NA	NA
Intel G41 Express Chipset v2	71	1293	NA	NA
Intel G41 Express-Chipsatz	58	1338	NA	NA
Intel G45/G43 Express Chipset	69	1300	NA	NA
Intel G965 Express	18	1473	NA	NA
Intel Haswell HD - GT1	118	1175	NA	NA
Intel Haswell HD - GT2	160	1124	NA	NA
Intel HD 3000	313	985	0.33	\$945.00*
Intel HD 4000	455	900	0.29	\$1,592.95*
Intel HD 4400	565	804	NA	NA
Intel HD 4600	710	664	NA	NA
Intel HD 5000	599	776	NA	NA
Intel HD 510	616	756	NA	NA
Intel HD 515	642	730	NA	NA
Intel HD 520	828	565	NA	NA
Intel HD 5200	777	601	NA	NA
Intel HD 530	997	474	NA	NA
Intel HD 5300	402	935	NA	NA
Intel HD 5500	584	793	NA	NA
Intel HD 5600	663	707	NA	NA
Intel HD 6000	827	566	NA	NA
Intel HD 610	707	667	NA	NA
Intel HD 615	702	673	NA	NA
Intel HD 630	1122	413	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel HD Family	432	915	NA	NA
Intel HD Graphics 620	924	514	NA	NA
Intel HD manual-gen9_2015-133271	165	1122	NA	NA
Intel HD Modded	112	1193	NA	NA
Intel HD P3000	352	958	NA	NA
Intel HD P4000	427	918	NA	NA
Intel HD P4600	604	770	NA	NA
Intel HD P4600/P4700	665	702	NA	NA
Intel HD P530	1074	432	NA	NA
Intel HD P630	1350	348	NA	NA
Intel Infoshock HD	193	1090	NA	NA
Intel Iris 5100	742	634	NA	NA
Intel Iris 540	1346	349	NA	NA
Intel Iris 550	1623	307	NA	NA
Intel Iris 6100	969	491	NA	NA
Intel Iris Plus 640	1390	341	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel Iris Plus 650	1535	318	NA	NA
Intel Iris Pro 5200	1170	400	NA	NA
Intel Iris Pro 580	1842	276	NA	NA
Intel Iris Pro Graphics 6200	1530	320	NA	NA
Intel Iris Pro P580	2080	248	NA	NA
Intel Media Accelerator	32	1422	NA	NA
Intel Media Accelerator 3150	3	1598	NA	NA
Intel Media Accelerator 500	3	1589	NA	NA
Intel Media Accelerator 600	6	1512	NA	NA
Intel Media Accelerator HD	115	1183	NA	NA
Intel Q33 Express	11	1494	NA	NA
Intel Q35 Express	10	1498	NA	NA
Intel Q45/Q43 Express Chipset	67	1309	NA	NA
Intel Q45/Q43 Express-Chipsatz	60	1329	NA	NA
Intel Q965/Q963 Express	6	1518	NA	NA
Intel Skylake HD DT GT2	576	798	NA	NA
Intel UHD 600	348	965	NA	NA
Intel UHD 605	524	853	NA	NA
Intel UHD 610	698	677	NA	NA
Intel UHD 630	1151	405	NA	NA
Intel UHD Graphics 620	994	475	NA	NA
Intel US15 Embedded Media and Controller	7	1507	NA	NA
ION	98	1226	0.43	\$229.99*
ION LE	104	1205	NA	NA
KB 2C	235	1045	NA	NA
M860G with Mobility Radeon 4100	75	1286	NA	NA
M880G with Mobility Radeon HD 4200	92	1243	NA	NA
M880G with Mobility Radeon HD 4225	71	1295	NA	NA
M880G with Mobility Radeon HD 4250	104	1206	NA	NA
Matrox C420 LP PCIe x16	635	738	NA	NA
Matrox C680 PCIe x16	1951	264	NA	NA
Matrox C900 PCIe x16	1812	282	NA	NA
Matrox G200e WDDM 1.2	59	1333	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Matrox G200e WDDM 2.0	123	1167	NA	NA
Matrox G200eh	40	1388	NA	NA
Matrox G200eh WDDM 1.2	52	1348	NA	NA
Matrox G200eR	36	1404	NA	NA
Matrox G200eR WDDM 1.2	67	1307	NA	NA
Matrox G200eW	42	1383	NA	NA
Matrox G200eW WDDM 1.2	50	1355	NA	NA
Matrox M9140 LP PCIe x16	21	1464	NA	NA
Matrox Millennium P650 PCIe 128	5	1538	NA	NA
Matrox Millennium P690 PCIe x16	10	1499	NA	NA
Matrox Millennium P690 Plus LP PCIe x16	6	1514	NA	NA
Matrox Parhelia APVe	5	1533	NA	NA
MEDION RADEON X740XL	94	1236	NA	NA
Mobile Intel - famiglia Express Chipset 45	37	1402	NA	NA
Mobile Intel - famiglia Express Chipset serie 4	47	1364	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobile Intel 4 Express-Chipsatzfamilie	44	1376	NA	NA
Mobile Intel 45 Express	44	1379	NA	NA
Mobile Intel 45 Express-Chipsatzfamilie	46	1369	NA	NA
Mobile Intel 915GM/GMS/910GML Express	4	1558	NA	NA
Mobile Intel 945 Express	4	1553	NA	NA
Mobile Intel 945GM Express	5	1528	NA	NA
Mobile Intel 945GM/GU Express	5	1532	NA	NA
Mobile Intel 965 Express	20	1468	NA	NA
Mobile Intel 965 Express-Chipsatzfamilie	24	1454	NA	NA
Mobile Intel HD	409	928	NA	NA
Mobile Intel serie 4 Express	44	1375	NA	NA
MOBILITY FIREGL T2	39	1390	NA	NA
MOBILITY FIREGL T2/T2e	33	1418	NA	NA
MOBILITY FireGL V3200	61	1326	NA	NA
MOBILITY FireGL V5000	81	1276	NA	NA
MOBILITY FireGL V5200	45	1373	NA	NA
MOBILITY FireGL V5250	27	1438	NA	NA
Mobility FireGL V5725	219	1055	NA	NA
Mobility Radeon 4100	81	1278	NA	NA
MOBILITY RADEON 7000 IGP	6	1519	NA	NA
MOBILITY RADEON 7500	3	1585	NA	NA
MOBILITY RADEON 9000	3	1593	NA	NA
MOBILITY RADEON 9000 IGP	7	1503	NA	NA
MOBILITY RADEON 9000/9100 IGP	5	1531	NA	NA
MOBILITY RADEON 9100 IGP	2	1602	NA	NA
MOBILITY RADEON 9200	3	1601	NA	NA
MOBILITY RADEON 9600 PRO TURBO	24	1451	NA	NA
MOBILITY RADEON 9600/9700	39	1392	NA	NA
MOBILITY RADEON 9700	27	1437	NA	NA
MOBILITY RADEON 9800	46	1370	NA	NA
Mobility Radeon HD 2300	50	1353	NA	NA
Mobility Radeon HD 2400	90	1255	NA	NA
Mobility Radeon HD 2400 XT	104	1207	NA	NA
Mobility Radeon HD 2600	170	1116	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 2600 XT	190	1096	NA	NA
Mobility Radeon HD 3410	62	1323	NA	NA
Mobility Radeon HD 3430	97	1230	NA	NA
Mobility Radeon HD 3450	91	1251	NA	NA
Mobility Radeon HD 3470	93	1237	NA	NA
Mobility Radeon HD 3470 Hybrid X2	93	1239	NA	NA
Mobility Radeon HD 3650	213	1065	NA	NA
Mobility Radeon HD 3670	232	1048	NA	NA
Mobility Radeon HD 3850	365	949	NA	NA
Mobility Radeon HD 3870	547	830	NA	NA
Mobility Radeon HD 3870 X2	564	806	NA	NA
Mobility Radeon HD 4200	91	1253	NA	NA
Mobility Radeon HD 4225	66	1314	NA	NA
Mobility Radeon HD 4250	98	1225	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 4270	92	1241	NA	NA
Mobility Radeon HD 4330	135	1150	NA	NA
Mobility Radeon HD 4350	148	1132	NA	NA
Mobility Radeon HD 4550	192	1092	NA	NA
Mobility Radeon HD 4570	198	1084	NA	NA
Mobility Radeon HD 4650	400	936	NA	NA
Mobility Radeon HD 4670	463	898	NA	NA
Mobility Radeon HD 4830	511	860	NA	NA
Mobility Radeon HD 4850	859	551	NA	NA
Mobility Radeon HD 4870	719	652	NA	NA
Mobility Radeon HD 5000	773	605	NA	NA
Mobility Radeon HD 5000 Serisi	478	884	NA	NA
Mobility Radeon HD 5165	284	1006	NA	NA
Mobility Radeon HD 530v	174	1111	NA	NA
Mobility Radeon HD 540v	188	1097	NA	NA
Mobility Radeon HD 5430	181	1106	NA	NA
Mobility Radeon HD 5450	214	1064	NA	NA
Mobility Radeon HD 545v	199	1082	NA	NA
Mobility Radeon HD 5470	235	1043	NA	NA
Mobility Radeon HD 550v	266	1019	NA	NA
Mobility Radeon HD 5570	711	661	NA	NA
Mobility Radeon HD 560v	322	979	NA	NA
Mobility Radeon HD 5650	547	833	NA	NA
Mobility Radeon HD 565v	325	977	NA	NA
Mobility Radeon HD 5730	674	697	NA	NA
Mobility Radeon HD 5850	765	609	NA	NA
Mobility Radeon HD 5870	1238	380	NA	NA
Mobility Radeon HD serie 4200	96	1233	NA	NA
Mobility Radeon X1300	39	1391	NA	NA
Mobility Radeon X1350	39	1393	NA	NA
Mobility Radeon X1400	43	1380	NA	NA
Mobility Radeon X1450	33	1419	NA	NA
Mobility Radeon X1600	92	1242	NA	NA
Mobility Radeon X1700	103	1211	NA	NA
MOBILITY RADEON X1800	129	1157	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon X1900	134	1151	NA	NA
Mobility Radeon X2300	48	1363	NA	NA
Mobility Radeon X2300 HD	48	1362	NA	NA
Mobility Radeon X2500	81	1275	NA	NA
MOBILITY RADEON X300	34	1416	NA	NA
MOBILITY RADEON X600	49	1357	NA	NA
MOBILITY RADEON X600 SE	49	1360	NA	NA
MOBILITY RADEON X700	65	1316	NA	NA
MOBILITY RADEON XPRESS 200	26	1440	NA	NA
Mobility Radeon. HD 5470	215	1060	NA	NA
MOBILITY/RADEON 9000	4	1567	NA	NA
MxGPU	2487	214	NA	NA
nForce 750a SLI	83	1268	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
nForce 760i SLI	140	1141	NA	NA
nForce 780a SLI	92	1245	NA	NA
nForce 980a/780a SLI	81	1277	NA	NA
NVIDIA TITAN X	13256	7	11.05	\$1,200.00*
NVIDIA TITAN Xp	14540	3	12.12	\$1,200.00*
NVS 2100M	186	1100	NA	NA
NVS 300	185	1101	5.01	\$36.99*
NVS 310	291	1001	3.35	\$87.04
NVS 3100M	205	1079	NA	NA
NVS 315	350	963	6.74	\$51.99
NVS 4200M	363	951	NA	NA
NVS 510	765	610	2.95	\$258.99
NVS 5100M	357	954	NA	NA
NVS 5200M	655	716	NA	NA
NVS 5400M	768	608	NA	NA
NVS 810	1153	404	1.85	\$624.99
OpenXT Display Driver	30	1429	NA	NA
PHDGD Ivy 4	394	938	NA	NA
PHDGD Quantic C3	104	1208	NA	NA
PHDGD Quebec 4.0 for Intel Q45/Q43 Express Chipset	66	1312	NA	NA
PHDGD Sapphire GR for Mobile Intel 965	19	1470	NA	NA
PHDGD Solo 1.2.0 x86	11	1497	NA	NA
PHDGD Solo 2 x64	20	1469	NA	NA
Quadro 1000M	750	626	4.29	\$174.95*
Quadro 1100M	755	622	NA	NA
Quadro 2000	1315	357	10.52	\$125.00
Quadro 2000 D	1182	396	NA	NA
Quadro 2000D	1278	371	6.12	\$209.00*
Quadro 2000M	1041	451	22.36	\$46.56
Quadro 280 NVS PCIe	5	1529	NA	NA
Quadro 3000M	1457	328	45.59	\$31.98
Quadro 400	240	1041	5.59	\$42.99*
Quadro 4000	2027	255	12.41	\$163.33
Quadro 4000M	1798	285	16.06	\$111.99
Quadro 410	419	923	4.42	\$95.00*
Quadro 5000	2832	195	16.66	\$170.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro 5000M	2039	254	NA	NA
Quadro 500M	672	698	NA	NA
Quadro 5010M	1824	280	7.73	\$235.95*
Quadro 600	696	679	16.20	\$42.99
Quadro 6000	3508	157	4.39	\$799.00
Quadro CX	947	503	6.32	\$149.95*
Quadro FX 1000	34	1414	NA	NA
Quadro FX 1100	35	1407	0.35	\$101.25*
Quadro FX 1300	24	1450	NA	NA
Quadro FX 1400	102	1213	NA	NA
Quadro FX 1500	156	1126	1.36	\$115.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 1500M	171	1114	NA	NA
Quadro FX 1600M	216	1057	1.45	\$149.90*
Quadro FX 1700	194	1089	1.77	\$109.98
Quadro FX 1700M	302	994	NA	NA
Quadro FX 1800	582	794	4.85	\$119.98
Quadro FX 1800M	482	880	NA	NA
Quadro FX 2500M	214	1063	2.15	\$99.99*
Quadro FX 2700M	530	847	5.31	\$99.95*
Quadro FX 2800M	662	709	13.26	\$49.95*
Quadro FX 3000	69	1305	0.53	\$129.98*
Quadro FX 3400/4400	104	1209	NA	NA
Quadro FX 3450	148	1131	1.07	\$138.75*
Quadro FX 3450/4000 SDI	134	1152	NA	NA
Quadro FX 350	85	1259	NA	NA
Quadro FX 3500	208	1072	1.61	\$129.98*
Quadro FX 3500M	306	990	3.06	\$99.99*
Quadro FX 350M	62	1325	NA	NA
Quadro FX 3600M	467	895	NA	NA
Quadro FX 360M	89	1256	NA	NA
Quadro FX 370	84	1262	0.92	\$92.75*
Quadro FX 370 LP	108	1200	NA	NA
Quadro FX 3700	633	742	5.74	\$110.42
Quadro FX 3700M	634	739	0.69	\$925.00*
Quadro FX 370M	93	1240	NA	NA
Quadro FX 380	150	1130	2.07	\$72.50*
Quadro FX 380 LP	195	1088	NA	NA
Quadro FX 3800	839	557	7.30	\$115.00
Quadro FX 3800M	803	579	NA	NA
Quadro FX 380M	207	1075	NA	NA
Quadro FX 4500	207	1076	0.83	\$249.00*
Quadro FX 4600	604	771	4.65	\$129.99
Quadro FX 4700 X2	665	704	NA	NA
Quadro FX 4800	1000	470	6.67	\$149.98
Quadro FX 500/600 PCI	14	1482	NA	NA
Quadro FX 500/FX 600	7	1504	NA	NA
Quadro FX 540	81	1274	1.37	\$59.99*
Quadro FX 550	63	1320	NA	NA
Quadro FX 5500	242	1040	0.13	\$1,840.60*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 560	113	1185	0.76	\$150.25*
Quadro FX 5600	684	690	3.42	\$199.98
Quadro FX 570	116	1178	1.06	\$109.98
Quadro FX 570M	186	1099	NA	NA
Quadro FX 580	272	1015	3.03	\$90.00*
Quadro FX 5800	1105	420	5.69	\$194.39*
Quadro FX 770M	299	995	0.57	\$527.00*
Quadro FX 880M	355	956	NA	NA
Quadro FX Go1400	101	1216	NA	NA
Quadro GP100	12325	9	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro GV100	14589	2	NA	NA
Quadro K1000M	791	589	5.28	\$149.90*
Quadro K1100M	1009	465	12.78	\$79.00
Quadro K1200	3034	183	10.14	\$299.25
Quadro K2000	1715	296	9.58	\$178.99
Quadro K2000D	1672	302	3.56	\$469.99
Quadro K2000M	1082	429	7.22	\$149.95
Quadro K2100M	1314	358	8.22	\$159.99*
Quadro K2200	3561	151	8.93	\$399.00
Quadro K2200M	2572	211	NA	NA
Quadro K3000M	1768	290	11.41	\$155.00*
Quadro K3100M	1994	258	1.00	\$1,999.00*
Quadro K4000	2882	193	10.92	\$263.89
Quadro K4000M	2263	227	NA	NA
Quadro K4100M	2517	212	6.62	\$379.99*
Quadro K420	837	559	8.81	\$94.99
Quadro K4200	4476	110	6.89	\$650.00
Quadro K5000	4023	133	11.70	\$344.00
Quadro K5000M	2614	208	7.92	\$329.99*
Quadro K5100M	3094	177	NA	NA
Quadro K510M	624	749	NA	NA
Quadro K5200	6136	67	7.68	\$799.00
Quadro K600	826	567	10.08	\$81.99
Quadro K6000	7609	55	4.23	\$1,799.89
Quadro K610M	757	619	10.10	\$75.00*
Quadro K620	2326	221	13.85	\$167.99
Quadro K620M	863	549	NA	NA
Quadro M1000M	2240	232	11.15	\$200.89*
Quadro M1200	2890	192	NA	NA
Quadro M2000	4309	123	11.96	\$360.33
Quadro M2000M	2784	199	NA	NA
Quadro M2200	3412	162	NA	NA
Quadro M3000M	4340	120	NA	NA
Quadro M4000	6695	64	8.48	\$789.99
Quadro M4000M	4567	109	NA	NA
Quadro M5000	8454	42	4.75	\$1,780.00*
Quadro M5000M	5444	83	NA	NA
Quadro M500M	1016	463	NA	NA
Quadro M520	1517	322	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro M5500	9322	30	NA	NA
Quadro M6000	9295	31	2.33	\$3,998.00*
Quadro M6000 24GB	10003	26	NA	NA
Quadro M600M	1850	274	NA	NA
Quadro M620	2798	197	NA	NA
Quadro NVS 110M	47	1366	NA	NA
Quadro NVS 120M	47	1365	NA	NA
Quadro NVS 130M	59	1331	NA	NA
Quadro NVS 135M	57	1341	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro NVS 140M	90	1254	NA	NA
Quadro NVS 150M	95	1234	NA	NA
Quadro NVS 160M	93	1238	NA	NA
Quadro NVS 210S	23	1455	NA	NA
Quadro NVS 210S / GeForce 6150LE	20	1467	NA	NA
Quadro NVS 280 SD	2	1618	NA	NA
Quadro NVS 285	34	1410	0.39	\$89.00*
Quadro NVS 285 128MB	38	1399	0.70	\$55.00*
Quadro NVS 290	91	1248	3.68	\$24.99
Quadro NVS 295	97	1229	2.33	\$42.00
Quadro NVS 320M	209	1070	NA	NA
Quadro NVS 420	101	1218	1.10	\$91.99
Quadro NVS 440	38	1397	0.42	\$91.33*
Quadro NVS 450	91	1252	0.54	\$168.00
Quadro NVS 55/280 PCI	6	1521	NA	NA
Quadro P1000	4929	98	15.41	\$319.99
Quadro P2000	8083	48	18.80	\$429.99
Quadro P3000	5022	95	NA	NA
Quadro P3200	9095	33	NA	NA
Quadro P400	1739	292	13.92	\$124.99
Quadro P4000	10515	22	13.29	\$790.99
Quadro P4000 with Max-Q Design	9082	34	NA	NA
Quadro P500	1685	299	NA	NA
Quadro P5000	10291	24	5.75	\$1,789.01
Quadro P5200	12025	13	NA	NA
Quadro P600	3098	176	17.91	\$173.02
Quadro P6000	13581	6	2.85	\$4,762.99*
Quadro P620	3743	145	20.97	\$178.51
Quadro2 Pro	1	1627	NA	NA
Quadro4 380 XGL	6	1515	NA	NA
Quadro4 980 XGL	5	1544	0.01	\$341.43*
Radeon 2100	60	1330	0.46	\$131.99
Radeon 3000	99	1223	1.63	\$60.99*
Radeon 3100	74	1289	0.44	\$169.99
Radeon 520	760	615	NA	NA
Radeon 530	1182	395	NA	NA
Radeon 540	1643	304	NA	NA
Radeon 6600M	737	638	NA	NA
RADEON 7000 / RADEON VE Family	3	1577	NA	NA
RADEON 7500	3	1596	0.10	\$32.12*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON 7500 Family	4	1546	NA	NA
RADEON 9000 Family	3	1587	NA	NA
RADEON 9100 Family	5	1525	NA	NA
RADEON 9100 IGP	5	1537	NA	NA
RADEON 9200	3	1584	0.09	\$39.95*
RADEON 9200 LE Family	2	1612	NA	NA
RADEON 9200 PRO Family	2	1605	NA	NA
RADEON 9200 SE	2	1615	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON 9250	2	1613	0.06	\$42.99*
RADEON 9500	36	1405	0.90	\$40.50*
RADEON 9500 PRO / 9700	41	1384	NA	NA
RADEON 9550	34	1412	1.09	\$31.88*
Radeon 9550 / X1050	29	1435	NA	NA
RADEON 9600 Family	26	1444	NA	NA
RADEON 9600 PRO Family	26	1445	NA	NA
RADEON 9600 TX Family	18	1472	NA	NA
RADEON 9600 XT	35	1409	NA	NA
RADEON 9600SE	27	1439	NA	NA
RADEON 9700 PRO	53	1346	NA	NA
RADEON 9800 PRO	59	1332	NA	NA
RADEON 9800 SE	23	1456	NA	NA
RADEON 9800 XT	53	1347	NA	NA
RADEON E4690	405	932	NA	NA
Radeon E6760	962	498	4.01	\$239.99*
Radeon E8860	1577	312	NA	NA
Radeon HD 2350	77	1283	NA	NA
Radeon HD 2400	121	1170	NA	NA
Radeon HD 2400 PCI	14	1484	NA	NA
Radeon HD 2400 Pro	116	1181	NA	NA
Radeon HD 2400 XT	120	1172	NA	NA
Radeon HD 2600 PRO	211	1067	NA	NA
Radeon HD 2600 Pro AGP	110	1196	NA	NA
Radeon HD 2600 XT	284	1005	NA	NA
Radeon HD 2900 GT	292	1000	NA	NA
Radeon HD 2900 PRO	627	745	NA	NA
Radeon HD 2900 XT	653	719	NA	NA
Radeon HD 3200	82	1270	NA	NA
Radeon HD 3300	127	1160	NA	NA
Radeon HD 3450	119	1173	1.64	\$72.99*
Radeon HD 3470	146	1134	NA	NA
Radeon HD 3650 AGP	150	1129	NA	NA
Radeon HD 3670	243	1038	NA	NA
Radeon HD 3850	529	848	NA	NA
Radeon HD 3850 AGP	470	892	NA	NA
Radeon HD 3850 X2	792	588	NA	NA
Radeon HD 3870	720	651	12.42	\$58.00*
Radeon HD 3870 X2	873	540	NA	NA
Radeon HD 4200	113	1191	NA	NA
Radeon HD 4250	123	1166	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 4270	111	1195	NA	NA
Radeon HD 4290	142	1139	NA	NA
Radeon HD 4300/4500 Serisi	155	1127	NA	NA
Radeon HD 4330	160	1125	NA	NA
Radeon HD 4350	169	1119	2.78	\$61.10*
Radeon HD 4550	238	1042	1.88	\$126.99*
Radeon HD 4650	337	971	2.70	\$124.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 4650 AGP	263	1023	NA	NA
Radeon HD 4670	546	834	4.97	\$109.99*
Radeon HD 4770	1039	452	NA	NA
Radeon HD 4810	796	585	NA	NA
Radeon HD 4830	954	500	15.92	\$59.99*
Radeon HD 4850	1025	459	11.40	\$89.99*
Radeon HD 4850 X2	1147	406	NA	NA
Radeon HD 4870	1382	342	23.04	\$59.99*
Radeon HD 4870 X2	1310	361	NA	NA
Radeon HD 4890	1538	317	13.98	\$109.99*
Radeon HD 5450	231	1049	6.62	\$34.99*
Radeon HD 5470	268	1018	NA	NA
Radeon HD 5550	544	838	9.91	\$54.99*
Radeon HD 5570	713	660	4.24	\$168.40*
Radeon HD 5600/5700	963	497	NA	NA
Radeon HD 5670	1081	430	22.60	\$47.84*
Radeon HD 5750	1438	330	20.72	\$69.41*
Radeon HD 5770	1706	297	14.71	\$115.99*
Radeon HD 5830	2046	251	12.79	\$159.99*
Radeon HD 5850	2276	224	28.46	\$79.99*
Radeon HD 5870	2616	207	26.16	\$99.99*
Radeon HD 5970	2595	210	7.87	\$329.99*
Radeon HD 6230	211	1068	NA	NA
Radeon HD 6250	119	1174	NA	NA
Radeon HD 6290	138	1144	NA	NA
Radeon HD 6290M	137	1145	NA	NA
Radeon HD 6300M	254	1035	NA	NA
Radeon HD 6310	169	1117	NA	NA
Radeon HD 6320	202	1080	0.37	\$554.99*
Radeon HD 6320 Graphic	216	1058	NA	NA
Radeon HD 6320M	198	1085	NA	NA
RADEON HD 6350	214	1062	4.21	\$50.99*
Radeon HD 6370D	311	988	NA	NA
Radeon HD 6370M	274	1013	NA	NA
Radeon HD 6380G	297	997	0.74	\$399.99*
Radeon HD 6410D	389	940	NA	NA
Radeon HD 6430M	193	1091	NA	NA
Radeon HD 6450	278	1010	6.48	\$42.99
Radeon HD 6450A	260	1028	NA	NA
Radeon HD 6470M	313	986	0.55	\$569.99*
Radeon HD 6480G	407	930	NA	NA
Radeon HD 6490M	380	943	0.32	\$1,193.03*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6520G	487	875	NA	NA
Radeon HD 6530D	514	858	NA	NA
Radeon HD 6550A	707	666	NA	NA
Radeon HD 6550D	648	724	NA	NA
Radeon HD 6570	760	614	15.22	\$49.99*
Radeon HD 6610M	565	805	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6620G	560	810	NA	NA
Radeon HD 6630M	684	689	NA	NA
Radeon HD 6650M	718	654	NA	NA
Radeon HD 6670	1058	439	10.28	\$102.99*
Radeon HD 6670 + 6670 Dual	646	725	NA	NA
Radeon HD 6700M	1008	467	NA	NA
Radeon HD 6750	1316	356	26.33	\$49.99*
Radeon HD 6750M	939	506	NA	NA
Radeon HD 6770	1678	300	21.80	\$76.99*
Radeon HD 6770M	964	495	NA	NA
Radeon HD 6790	2043	252	31.44	\$64.99*
Radeon HD 6800M	981	485	NA	NA
Radeon HD 6850	2281	223	22.82	\$99.99*
Radeon HD 6870	2606	209	28.96	\$89.99*
Radeon HD 6900M	1939	266	NA	NA
Radeon HD 6950	3207	169	35.64	\$89.99*
Radeon HD 6970	3515	156	37.01	\$94.99*
Radeon HD 6990	2858	194	17.87	\$159.99*
Radeon HD 7290	140	1142	NA	NA
Radeon HD 7290M	123	1168	NA	NA
Radeon HD 7310	171	1113	NA	NA
Radeon HD 7310G	180	1107	NA	NA
Radeon HD 7310M	166	1121	NA	NA
Radeon HD 7340	207	1074	0.38	\$552.69*
Radeon HD 7340G	196	1086	NA	NA
Radeon HD 7340M	221	1053	NA	NA
Radeon HD 7350	279	1009	NA	NA
Radeon HD 7400G	325	976	NA	NA
Radeon HD 7420G	434	913	NA	NA
Radeon HD 7450	312	987	3.68	\$84.99*
Radeon HD 7450A	288	1003	NA	NA
Radeon HD 7450M	329	975	NA	NA
Radeon HD 7470	365	950	NA	NA
Radeon HD 7470M	407	929	NA	NA
Radeon HD 7480D	427	919	NA	NA
Radeon HD 7500G	414	927	NA	NA
Radeon HD 7500G + 7500M/7600M Dual	616	755	NA	NA
Radeon HD 7500G + 7550M Dual	497	872	NA	NA
Radeon HD 7500G + HD 7500M/7600M Dual	355	955	NA	NA
Radeon HD 7520G	449	904	NA	NA
Radeon HD 7520G + 7400M Dual	486	876	NA	NA
Radeon HD 7520G + 7600M Dual	591	784	NA	NA
Radeon HD 7520G + 7610M Dual	588	788	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7520G + 7650M Dual	453	902	NA	NA
Radeon HD 7520G + 7670M Dual	525	852	NA	NA
Radeon HD 7520G + 7700M Dual	1060	436	NA	NA
Radeon HD 7520G + 8600/8700M Dual	311	989	NA	NA
Radeon HD 7520G + HD 7400M Dual	544	839	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7520G + HD 7600M Dual	612	761	NA	NA
Radeon HD 7520G + HD 7670M Dual	548	828	NA	NA
Radeon HD 7520G + HD 8600/8700M Dual	623	750	NA	NA
Radeon HD 7520G + HD 8750M Dual	651	720	NA	NA
Radeon HD 7540D	511	861	NA	NA
Radeon HD 7540D + 6570 Dual	719	653	NA	NA
Radeon HD 7550M	473	890	NA	NA
Radeon HD 7550M/7650M	732	640	NA	NA
Radeon HD 7560D	660	711	NA	NA
Radeon HD 7560D + 6570 Dual	833	563	NA	NA
Radeon HD 7560D + 6670 Dual	1130	410	NA	NA
Radeon HD 7560D + 7560D Dual	982	483	NA	NA
Radeon HD 7560D + 7670 Dual	1426	334	NA	NA
Radeon HD 7560D + HD 7000 Dual	534	843	NA	NA
Radeon HD 7560D + HD 7700 Dual	1346	351	NA	NA
Radeon HD 7560D + R5 235 Dual	563	808	NA	NA
Radeon HD 7570	982	484	NA	NA
Radeon HD 7570M	611	762	NA	NA
Radeon HD 7570M/HD 7670M	699	676	NA	NA
Radeon HD 7580D	350	962	NA	NA
Radeon HD 7600G	479	883	NA	NA
Radeon HD 7600G + 7450M Dual	389	939	NA	NA
Radeon HD 7600G + 7500M/7600M Dual	405	931	NA	NA
Radeon HD 7600G + 7550M Dual	423	920	NA	NA
Radeon HD 7600G + 8500M/8700M Dual	469	894	NA	NA
Radeon HD 7600G + HD 7500M/7600M Dual	555	818	NA	NA
Radeon HD 7600G + HD 7550M Dual	509	864	NA	NA
Radeon HD 7600G + HD 8670M Dual	543	840	NA	NA
Radeon HD 7600G + HD Dual	442	908	NA	NA
Radeon HD 7600M + 7600M Dual	773	603	NA	NA
Radeon HD 7610M	630	743	NA	NA
Radeon HD 7620G	490	874	NA	NA
Radeon HD 7620G + 8600M Dual	503	867	NA	NA
Radeon HD 7620G + 8670M Dual	577	797	NA	NA
Radeon HD 7620G + HD 8600M Dual	442	907	NA	NA
Radeon HD 7620G + HD 8670M Dual	507	865	NA	NA
Radeon HD 7640G	613	759	NA	NA
Radeon HD 7640G + 6400M Dual	526	851	NA	NA
Radeon HD 7640G + 7400M Dual	637	734	NA	NA
Radeon HD 7640G + 7470M Dual	595	781	NA	NA
Radeon HD 7640G + 7500/7600 Dual	627	746	NA	NA
Radeon HD 7640G + 7600M Dual	705	670	NA	NA
Radeon HD 7640G + 7610M Dual	510	862	NA	NA
Radeon HD 7640G + 7670M Dual	644	729	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7640G + 7700M Dual	690	684	NA	NA
Radeon HD 7640G + 8500M Dual	585	792	NA	NA
Radeon HD 7640G + 8570M Dual	558	812	NA	NA
Radeon HD 7640G + 8600/8700M Dual	688	685	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7640G + 8670M Dual	558	811	NA	NA
Radeon HD 7640G + 8750M Dual	654	717	NA	NA
Radeon HD 7640G + HD 7400M Dual	606	769	NA	NA
Radeon HD 7640G + HD 7600M Dual	706	669	NA	NA
Radeon HD 7640G + HD 7670M Dual	659	714	NA	NA
Radeon HD 7640G + HD 7700M Dual	589	785	NA	NA
Radeon HD 7640G + HD 8500M Dual	607	767	NA	NA
Radeon HD 7640G + HD 8500M N HD 8500M Dual	665	703	NA	NA
Radeon HD 7640G + HD 8570M Dual	696	678	NA	NA
Radeon HD 7640G + HD 8600/8700M Dual	586	791	NA	NA
Radeon HD 7640G + HD 8750M Dual	1047	445	NA	NA
Radeon HD 7640G + R5 M200 Dual	515	857	NA	NA
Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D	824	570	NA	NA
Radeon HD 7640G N HD 7640G + HD 7670M Dual	679	693	NA	NA
Radeon HD 7650A	792	587	3.03	\$262.00*
Radeon HD 7650M	721	650	NA	NA
Radeon HD 7660D	784	594	NA	NA
Radeon HD 7660D + 6570 Dual	1100	423	NA	NA
Radeon HD 7660D + 6670 Dual	1238	381	NA	NA
Radeon HD 7660D + 7470 Dual	465	896	NA	NA
Radeon HD 7660D + 7670 Dual	1061	435	NA	NA
Radeon HD 7660D + HD 6670 Dual	1484	325	NA	NA
Radeon HD 7660D + HD 7000 Dual	633	741	NA	NA
Radeon HD 7660D + HD 7700 Dual	1958	263	NA	NA
Radeon HD 7660D + R7 240 Dual	941	505	NA	NA
Radeon HD 7660G	798	583	NA	NA
Radeon HD 7660G + 7400M Dual	588	789	NA	NA
Radeon HD 7660G + 7470M Dual	630	744	NA	NA
Radeon HD 7660G + 7600M Dual	831	564	NA	NA
Radeon HD 7660G + 7610M Dual	744	630	NA	NA
Radeon HD 7660G + 7670M Dual	743	632	NA	NA
Radeon HD 7660G + 7700M Dual	757	620	NA	NA
Radeon HD 7660G + 7730M Dual	931	510	NA	NA
Radeon HD 7660G + 8600M Dual	445	906	NA	NA
Radeon HD 7660G + 8670M Dual	587	790	NA	NA
Radeon HD 7660G + HD 7500M/7600M Dual	999	472	NA	NA
Radeon HD 7660G + HD 7600M Dual	780	599	NA	NA
Radeon HD 7660G + HD 7670M Dual	706	668	NA	NA
Radeon HD 7660G + HD 7700M Dual	751	625	NA	NA
Radeon HD 7660G + HD 7730M Dual	881	534	NA	NA
Radeon HD 7660G + HD 8670M Dual	711	663	NA	NA
Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D	722	647	NA	NA
Radeon HD 7660G N HD 7660G + HD 7670M Dual	704	671	NA	NA
Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D	966	493	NA	NA
Radeon HD 7670	1102	421	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7670A	1048	443	NA	NA
Radeon HD 7670M	813	575	1.29	\$629.99*
Radeon HD 7670M + 7670M Dual	738	637	NA	NA
Radeon HD 7690M	1003	469	NA	NA
Radeon HD 7690M XT	1009	466	NA	NA
Radeon HD 7730	1431	332	28.64	\$49.99*
Radeon HD 7730M	994	476	NA	NA
Radeon HD 7750	1701	298	9.50	\$179.00
Radeon HD 7750M	1191	392	NA	NA
Radeon HD 7770	2214	234	11.13	\$199.00
Radeon HD 7790	3062	180	22.69	\$134.99*
Radeon HD 7850	3837	141	8.54	\$449.59
Radeon HD 7850M	1372	344	NA	NA
Radeon HD 7870	4367	117	14.61	\$299.00
Radeon HD 7870 XT	4450	112	NA	NA
Radeon HD 7870M	1477	326	NA	NA
Radeon HD 7950 / R9 280	4764	101	13.46	\$353.87
Radeon HD 7970 / R9 280X	5247	90	17.21	\$305.00
Radeon HD 7970M	3811	142	NA	NA
Radeon HD 7990	5518	82	4.90	\$1,126.99*
Radeon HD 8180	198	1083	NA	NA
Radeon HD 8210	252	1036	NA	NA
Radeon HD 8240	279	1008	NA	NA
Radeon HD 8250	258	1030	NA	NA
Radeon HD 8280	320	981	NA	NA
Radeon HD 8280E	323	978	NA	NA
Radeon HD 8280G	269	1017	NA	NA
Radeon HD 8330	337	970	NA	NA
Radeon HD 8330E	319	982	NA	NA
Radeon HD 8350	265	1020	1.89	\$139.99*
Radeon HD 8350G	432	914	NA	NA
Radeon HD 8370D	430	917	NA	NA
Radeon HD 8400	359	953	NA	NA
Radeon HD 8400E	341	967	NA	NA
Radeon HD 8410G	435	912	NA	NA
Radeon HD 8450G	414	926	NA	NA
Radeon HD 8450G + 8600M Dual	545	837	NA	NA
Radeon HD 8450G + 8670M Dual	474	886	NA	NA
Radeon HD 8450G + 8750M Dual	637	735	NA	NA
Radeon HD 8450G + HD 8600M Dual	452	903	NA	NA
Radeon HD 8450G + HD 8750M Dual	483	878	NA	NA
Radeon HD 8470	343	966	NA	NA
Radeon HD 8470D	517	855	NA	NA
Radeon HD 8470D + 6450 Dual	717	657	NA	NA
Radeon HD 8490	380	942	NA	NA
Radeon HD 8500M	557	814	NA	NA
Radeon HD 8500M/8700M	863	548	NA	NA
Radeon HD 8510G	509	863	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8510G + 8500M Dual	596	780	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8550D	685	688	NA	NA
Radeon HD 8550G	725	646	NA	NA
Radeon HD 8550G + 8500M Dual	602	772	NA	NA
Radeon HD 8550G + 8570M Dual	532	845	NA	NA
Radeon HD 8550G + 8600/8700M Dual	802	581	NA	NA
Radeon HD 8550G + 8600M Dual	617	754	NA	NA
Radeon HD 8550G + 8670M Dual	579	796	NA	NA
Radeon HD 8550G + 8690M Dual	664	705	NA	NA
Radeon HD 8550G + 8750M Dual	795	586	NA	NA
Radeon HD 8550G + HD 7600M Dual	854	553	NA	NA
Radeon HD 8550G + HD 8570M Dual	529	849	NA	NA
Radeon HD 8550G + HD 8600/8700M Dual	813	576	NA	NA
Radeon HD 8550G + HD 8600M Dual	593	782	NA	NA
Radeon HD 8550G + HD 8670M Dual	546	835	NA	NA
Radeon HD 8550G + HD 8750M Dual	819	573	NA	NA
Radeon HD 8550G + R5 M200 Dual	619	753	NA	NA
Radeon HD 8550G + R5 M230 Dual	667	699	NA	NA
Radeon HD 8570	987	479	NA	NA
Radeon HD 8570 + 8670D Dual	620	751	NA	NA
Radeon HD 8570D	680	691	NA	NA
Radeon HD 8570D + 6570 Dual	1239	379	NA	NA
Radeon HD 8570D + HD 6570 Dual	868	545	NA	NA
Radeon HD 8570D + HD 6670 Dual	1260	376	NA	NA
Radeon HD 8570D + HD 7000 Dual	753	624	NA	NA
Radeon HD 8570D + HD 7700 Dual	1834	278	NA	NA
Radeon HD 8570D + HD 8570 Dual	1032	455	NA	NA
Radeon HD 8570D + R7 200 Dual	999	471	NA	NA
Radeon HD 8570D + R7 240 Dual	963	496	NA	NA
Radeon HD 8570M	534	844	NA	NA
Radeon HD 8600/8700M	1020	461	NA	NA
Radeon HD 8610G	550	824	NA	NA
Radeon HD 8610G + 8500M Dual	610	765	NA	NA
Radeon HD 8610G + 8600M Dual	588	787	NA	NA
Radeon HD 8610G + 8670M Dual	599	775	NA	NA
Radeon HD 8610G + HD 8500M Dual	645	727	NA	NA
Radeon HD 8610G + HD 8600M Dual	579	795	NA	NA
Radeon HD 8610G + HD 8670M Dual	574	799	NA	NA
Radeon HD 8610G + R5 M200 Dual	676	696	NA	NA
Radeon HD 8650D	548	829	NA	NA
Radeon HD 8650G	936	507	NA	NA
Radeon HD 8650G + 7600M Dual	741	635	NA	NA
Radeon HD 8650G + 7670M Dual	883	533	NA	NA
Radeon HD 8650G + 8500M Dual	626	747	NA	NA
Radeon HD 8650G + 8570M Dual	654	718	NA	NA
Radeon HD 8650G + 8600/8700M Dual	835	562	NA	NA
Radeon HD 8650G + 8600M Dual	613	760	NA	NA
Radeon HD 8650G + 8670M Dual	638	733	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8650G + 8750M Dual	787	592	NA	NA
Radeon HD 8650G + HD 7600M Dual	819	572	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8650G + HD 7670M Dual	634	740	NA	NA
Radeon HD 8650G + HD 8570M Dual	716	658	NA	NA
Radeon HD 8650G + HD 8600/8700M Dual	765	611	NA	NA
Radeon HD 8650G + HD 8600M Dual	597	778	NA	NA
Radeon HD 8650G + HD 8670M Dual	589	786	NA	NA
Radeon HD 8650G + HD 8750M Dual	783	596	NA	NA
Radeon HD 8650G + R5 M200 Dual	722	648	NA	NA
Radeon HD 8650G + R5 M230 Dual	686	686	NA	NA
Radeon HD 8650G N HD 8650G + HD 8570M Dual	773	604	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D	679	692	NA	NA
Radeon HD 8670D	789	590	NA	NA
Radeon HD 8670D + 6670 Dual	1361	347	NA	NA
Radeon HD 8670D + 7700 Dual	1788	286	NA	NA
Radeon HD 8670D + HD 6670 Dual	1221	384	NA	NA
Radeon HD 8670D + HD 7000 Dual	718	655	NA	NA
Radeon HD 8670D + R5 235 Dual	836	560	NA	NA
Radeon HD 8670D + R7 200 Dual	949	502	NA	NA
Radeon HD 8670D + R7 240 Dual	1020	462	NA	NA
Radeon HD 8670M	513	859	NA	NA
Radeon HD 8690A	919	517	NA	NA
Radeon HD 8690M	984	482	NA	NA
Radeon HD 8730M	980	486	NA	NA
Radeon HD 8750M	1059	438	NA	NA
Radeon HD 8790M	1321	354	NA	NA
Radeon HD 8790M / R9 M290X	1236	382	NA	NA
Radeon HD 8850M	929	512	NA	NA
Radeon HD 8850M / R9 M265X	1139	407	NA	NA
Radeon HD 8870M	1638	306	NA	NA
Radeon HD 8870M / R9 M270X / M370X	1799	284	NA	NA
Radeon HD 8950	3015	185	NA	NA
Radeon HD 8970M	3876	139	NA	NA
Radeon HD 8990	4892	100	NA	NA
RADEON HD6370D	331	974	NA	NA
RADEON HD6410D	422	921	NA	NA
RADEON HD6530D	531	846	NA	NA
Radeon HD7570	1028	456	NA	NA
Radeon HD8490	368	945	NA	NA
Radeon HD8530M	498	870	NA	NA
Radeon HD8970M	3131	174	NA	NA
Radeon IGP 320M	3	1586	NA	NA
Radeon IGP 340M	2	1617	NA	NA
RADEON IGP 345M	2	1610	NA	NA
RADEON IGP 350M	6	1523	NA	NA
Radeon Pro 450	2722	202	NA	NA
Radeon Pro 460	3452	160	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro 555	3140	172	NA	NA
Radeon Pro 560	3553	152	NA	NA
Radeon Pro Duo	9462	29	10.51	\$899.99
Radeon Pro Vega 56	12004	14	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro Vega 64	13168	8	NA	NA
Radeon Pro WX 2100	1836	277	NA	NA
Radeon Pro WX 3100	3589	150	NA	NA
Radeon Pro WX 4100	3982	135	14.22	\$279.99
Radeon Pro WX 4130	2767	200	NA	NA
Radeon Pro WX 4150	3427	161	NA	NA
Radeon Pro WX 5100	5531	81	14.18	\$389.99
Radeon Pro WX 7100	7804	52	13.01	\$599.99
Radeon Pro WX 9100	11036	20	NA	NA
Radeon Pro WX4100	3949	137	NA	NA
Radeon R2	303	993	NA	NA
Radeon R2E	257	1031	NA	NA
Radeon R3	373	944	NA	NA
Radeon R3E	256	1032	NA	NA
Radeon R4	398	937	NA	NA
Radeon R5 220	233	1046	NA	NA
Radeon R5 230	235	1044	6.36	\$36.99
Radeon R5 235	366	948	NA	NA
Radeon R5 235 + HD 7560D Dual	743	631	NA	NA
Radeon R5 235X	367	946	NA	NA
Radeon R5 240	662	708	13.26	\$49.99
Radeon R5 310	337	972	0.77	\$439.00
Radeon R5 330	636	736	1.72	\$369.99*
Radeon R5 340	1066	433	NA	NA
Radeon R5 420	757	618	NA	NA
Radeon R5 430	1036	453	NA	NA
Radeon R5 A10-9600P RADEON R5, 10 COMPUTE CORES 4C	804	578	NA	NA
Radeon R5 A10-9620P RADEON R5, 10 COMPUTE CORES 4C	768	607	NA	NA
Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C	1463	327	NA	NA
Radeon R5 A6-9500 RADEON R5, 8 COMPUTE CORES 2C+6G	1048	444	NA	NA
Radeon R5 M230	571	800	NA	NA
Radeon R5 M240	556	815	NA	NA
Radeon R5 M255	755	621	NA	NA
Radeon R5 M315	609	766	NA	NA
Radeon R5 M320	598	777	NA	NA
Radeon R5 M330	596	779	NA	NA
Radeon R5 M335	555	817	NA	NA
Radeon R5 M430	644	728	NA	NA
Radeon R5 M435	1108	416	NA	NA
Radeon R5 Opteron X3216	438	911	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G	864	547	NA	NA
Radeon R5 PRO A6-8530B R5, 6 COMPUTE CORES 2C+4G	715	659	NA	NA
Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G	1060	437	NA	NA
Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G	839	558	NA	NA
Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G	693	680	NA	NA
Radeon R5 PRO A6-9500E R5, 6 COMPUTE CORES 2C+4G	966	494	NA	NA
Radeon R5 PRO A8-9600B R5, 10 COMPUTE CORES 4C+6G	860	550	NA	NA
Radeon R5E	338	969	NA	NA
Radeon R6	641	731	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R6 + R7 M265DX Dual	570	801	NA	NA
Radeon R6 A10-8700P	692	682	NA	NA
Radeon R6 A8-8600P	501	869	NA	NA
Radeon R6 PRO A10-8700B R6, 10 Compute Cores 4C+6G	563	809	NA	NA
Radeon R6 PRO A8-8600B R6, 10 Compute Cores 4C+6G	600	774	NA	NA
Radeon R7 + HD 7700 Dual	1962	262	NA	NA
Radeon R7 + R5 330 Dual	1028	457	NA	NA
Radeon R7 + R5 435 Dual A10-9700 RADEON	885	531	NA	NA
Radeon R7 + R7 200 Dual	1289	366	NA	NA
Radeon R7 + R7 240 Dual	1045	448	NA	NA
Radeon R7 + R7 350 Dual	1982	260	NA	NA
Radeon R7 240	975	489	17.75	\$54.99
Radeon R7 240 + HD 8570D Dual	917	518	NA	NA
Radeon R7 240 + HD 8670D Dual	930	511	NA	NA
Radeon R7 250	1406	339	19.47	\$72.26
Radeon R7 250X	2268	225	8.70	\$260.69
Radeon R7 260	2891	191	32.13	\$89.99*
Radeon R7 260X	3155	171	13.20	\$239.00
Radeon R7 340	1041	450	NA	NA
Radeon R7 360	3303	167	22.53	\$146.65*
Radeon R7 370	4661	106	NA	NA
Radeon R7 430	1421	335	NA	NA
Radeon R7 450	2175	240	24.73	\$87.95
Radeon R7 A10 Extreme Edition	824	569	NA	NA
Radeon R7 A10 PRO-7800B	867	546	NA	NA
Radeon R7 A10 PRO-7850B	1008	468	NA	NA
Radeon R7 A10-7700K	899	526	NA	NA
Radeon R7 A10-7800	886	530	NA	NA
Radeon R7 A10-7850K	1021	460	NA	NA
Radeon R7 A10-7860K	998	473	NA	NA
Radeon R7 A10-7870K	1134	408	NA	NA
Radeon R7 A10-7890K	1174	398	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 A10-8750	986	481	NA	NA
Radeon R7 A10-8850	1098	424	NA	NA
Radeon R7 A10-9700 RADEON	1207	386	NA	NA
Radeon R7 A10-9700E RADEON	1105	419	NA	NA
Radeon R7 A12-9700P RADEON	734	639	NA	NA
Radeon R7 A12-9720P RADEON	909	522	NA	NA
Radeon R7 A12-9730P RADEON	879	537	NA	NA
Radeon R7 A12-9800 RADEON	1239	378	NA	NA
Radeon R7 A12-9800E RADEON	1185	393	NA	NA
Radeon R7 A265	987	480	NA	NA
Radeon R7 A370	1281	370	NA	NA
Radeon R7 A8 PRO-7600B	728	644	NA	NA
Radeon R7 A8-7500	1027	458	NA	NA
Radeon R7 A8-7500 Radeon R7, 10 Compute Cores 4C+6	853	554	NA	NA
Radeon R7 A8-7600	932	509	NA	NA
Radeon R7 A8-7650K	869	543	NA	NA
Radeon R7 A8-7670K	850	555	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 A8-8650	910	521	NA	NA
Radeon R7 A8-9600 RADEON	1106	417	NA	NA
Radeon R7 FX-8800P	797	584	NA	NA
Radeon R7 FX-9800P RADEON	857	552	1.72	\$499.03
Radeon R7 FX-9830P RADEON	1786	287	NA	NA
Radeon R7 M260	663	706	0.83	\$799.00*
Radeon R7 M260X	1098	425	NA	NA
Radeon R7 M265	817	574	NA	NA
Radeon R7 M270	745	629	NA	NA
Radeon R7 M340	761	613	NA	NA
Radeon R7 M350	1198	390	NA	NA
Radeon R7 M360	711	662	NA	NA
Radeon R7 M365X	901	525	NA	NA
Radeon R7 M370	1410	338	NA	NA
Radeon R7 M440	960	499	NA	NA
Radeon R7 M445	1033	454	NA	NA
Radeon R7 M460	1058	440	NA	NA
Radeon R7 M465	1306	363	NA	NA
Radeon R7 Opteron X3421	971	490	NA	NA
Radeon R7 PRO A10-8750B	921	516	NA	NA
Radeon R7 PRO A10-8770	1319	355	NA	NA
Radeon R7 PRO A10-8770E	1185	394	NA	NA
Radeon R7 PRO A10-8850B	945	504	NA	NA
Radeon R7 PRO A10-9700	1367	345	NA	NA
Radeon R7 PRO A10-9700B	1082	427	NA	NA
Radeon R7 PRO A10-9700E	1127	411	NA	NA
Radeon R7 PRO A12-8800B	782	597	NA	NA
Radeon R7 PRO A12-8830B	979	487	NA	NA
Radeon R7 PRO A12-8870	1375	343	NA	NA
Radeon R7 PRO A12-8870E	1160	402	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 PRO A12-9800	1346	350	NA	NA
Radeon R7 PRO A12-9800B	892	529	NA	NA
Radeon R7 PRO A12-9800E	1042	449	NA	NA
Radeon R7 PRO A8-8650B	868	544	NA	NA
Radeon R7 PRO A8-9600	1082	428	NA	NA
Radeon R9 255	1772	288	5.11	\$347.07
Radeon R9 260	3018	184	NA	NA
Radeon R9 270 / R7 370	4261	124	29.11	\$146.38
Radeon R9 270X	4683	104	15.66	\$299.00
Radeon R9 280	5394	84	NA	NA
Radeon R9 280X	5847	75	NA	NA
Radeon R9 285 / 380	5553	80	14.61	\$380.00
Radeon R9 290 / 390	7109	61	9.03	\$787.12
Radeon R9 290X / 390X	7394	58	10.73	\$688.88
Radeon R9 295X2	7660	54	6.96	\$1,099.99*
Radeon R9 350	2264	226	28.29	\$80.05
Radeon R9 360	3038	182	5.86	\$519.00*
Radeon R9 370	4722	103	NA	NA
Radeon R9 380	6102	68	23.03	\$264.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 380X	6172	66	24.69	\$249.99*
Radeon R9 390	8072	49	NA	NA
Radeon R9 390X	8561	41	NA	NA
Radeon R9 Fury	9133	32	22.83	\$399.99*
Radeon R9 Fury + Fury X	8421	43	21.05	\$399.99*
Radeon R9 M265X	1271	372	NA	NA
Radeon R9 M270X	1417	336	NA	NA
Radeon R9 M275	1111	415	1.59	\$699.99
Radeon R9 M275X / M375	1487	324	NA	NA
Radeon R9 M290X	4093	131	NA	NA
Radeon R9 M295X	5150	92	NA	NA
Radeon R9 M360	1976	261	NA	NA
Radeon R9 M370X	1932	267	NA	NA
Radeon R9 M375	1214	385	NA	NA
Radeon R9 M375X	2062	250	NA	NA
Radeon R9 M380	3085	178	NA	NA
Radeon R9 M390X	4213	126	NA	NA
Radeon R9 M395	5006	96	NA	NA
Radeon R9 M395X	5762	77	NA	NA
Radeon R9 M470	2117	245	NA	NA
Radeon R9 M470X	3596	149	NA	NA
Radeon RX 460	4337	121	25.59	\$169.50
Radeon RX 470	7466	56	18.67	\$399.99
Radeon RX 480	8118	47	27.15	\$299.00
Radeon RX 550	3482	158	30.28	\$114.99
Radeon RX 560	4450	111	31.37	\$141.88
Radeon RX 570	6829	63	28.58	\$239.00
Radeon RX 580	8381	44	33.53	\$249.99
Radeon RX Vega	12297	11	25.62	\$479.99

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX Vega 10	1587	309	NA	NA
Radeon RX Vega 11	2365	219	NA	NA
Radeon RX Vega 56	11201	18	NA	NA
Radeon RX Vega 64	11604	15	20.01	\$579.99
Radeon RX Vega M GH	7029	62	NA	NA
Radeon RX Vega M GL	4923	99	NA	NA
Radeon RX480	3858	140	NA	NA
Radeon RX540	2787	198	NA	NA
Radeon RX550	3312	166	NA	NA
Radeon RX580	6494	65	NA	NA
Radeon TM R9 A360	2148	242	NA	NA
Radeon Vega 10	1895	271	NA	NA
Radeon Vega 10 Mobile	1047	447	NA	NA
Radeon Vega 11	2253	228	NA	NA
Radeon Vega 3	1014	464	NA	NA
Radeon Vega 6	1769	289	NA	NA
Radeon Vega 8	1982	259	NA	NA
Radeon Vega 8 Mobile	1673	301	NA	NA
Radeon Vega Frontier Edition	11457	16	10.91	\$1,049.99
Radeon X1050	50	1356	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon X1200	32	1423	NA	NA
Radeon X1250	37	1403	NA	NA
Radeon X1270	31	1428	NA	NA
Radeon X1300	58	1339	0.57	\$101.99*
Radeon X1300 PRO	86	1258	NA	NA
Radeon X1550	64	1317	0.58	\$113.00*
Radeon X1550 64-bit	47	1368	NA	NA
Radeon X1600	49	1359	NA	NA
Radeon X1600 Pro	99	1224	NA	NA
Radeon X1600 Pro / X1300XT	69	1302	NA	NA
Radeon X1600 XT	115	1182	NA	NA
Radeon X1650 GTO	74	1287	NA	NA
Radeon X1650 Pro	84	1267	0.52	\$160.89*
Radeon X1650 SE	71	1297	NA	NA
Radeon X1700 Targa Edition	116	1179	NA	NA
Radeon X1800 GTO	140	1140	NA	NA
Radeon X1900 CrossFire Edition	137	1148	NA	NA
Radeon X1900 GT	145	1135	NA	NA
Radeon X1950 CrossFire Edition	151	1128	NA	NA
Radeon X1950 GT	109	1198	NA	NA
Radeon X1950 Pro	113	1186	NA	NA
RADEON X300SE	38	1401	NA	NA
RADEON X550	50	1352	NA	NA
RADEON X550XT	56	1344	NA	NA
Radeon X550XTX	70	1298	NA	NA
RADEON X600 256MB HyperMemory	58	1340	NA	NA
RADEON X600XT	91	1247	NA	NA
RADEON X700	71	1294	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON X700 PRO	75	1285	NA	NA
RADEON X700 SE	71	1296	NA	NA
RADEON X800 GT	84	1266	NA	NA
RADEON X800 GTO	76	1284	NA	NA
RADEON X800 PRO	64	1319	NA	NA
RADEON X800 PRO/GTO	73	1291	NA	NA
RADEON X800 XL	69	1301	NA	NA
RADEON X800 XT	97	1231	NA	NA
RADEON X800GT	79	1282	NA	NA
RADEON X850 PRO	72	1292	NA	NA
RADEON X850 XT	81	1280	NA	NA
RADEON X850 XT Platinum Edition	81	1273	NA	NA
Radeon Xpress 1100	33	1417	NA	NA
Radeon Xpress 1150	29	1432	NA	NA
Radeon Xpress 1200	35	1408	NA	NA
Radeon Xpress 1250	42	1382	NA	NA
Radeon Xpress 1270	26	1443	NA	NA
RADEON XPRESS 200	29	1433	NA	NA
RADEON XPRESS 200M	22	1460	NA	NA
RadeonT R5 430	1112	414	NA	NA
RadeonT R7 450	2186	238	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RAGE 128 PRO AGP 4X TMDS	1	1626	NA	NA
Rage Fury Pro/Xpert 2000 Pro	3	1597	NA	NA
Red Hat QXL controller	31	1425	NA	NA
RGH Drivers v3	11	1496	NA	NA
RIVA TNT2 Model 64/Model 64 Pro	3	1579	NA	NA
RIVA TNT2/TNT2 Pro	3	1590	NA	NA
RV530 PRO	118	1176	NA	NA
Ryzen 5 2500U with Radeon Vega	1495	323	NA	NA
Ryzen 7 2700U with Radeon Vega	1641	305	NA	NA
S3 Chrome 430 ULP	39	1394	NA	NA
S3 Chrome S25 DDR2	18	1471	NA	NA
S3 ProSavageDDR	1	1625	NA	NA
SAPPHIRE RADEON 9600 ATLANTIS	47	1367	NA	NA
SAPPHIRE Radeon X1550	61	1327	NA	NA
Sapphire RADEON X800 GT	112	1192	NA	NA
Sherry 1.3 for GMA 3150	1	1621	NA	NA
Sherry 1.3.2 beta for 945 chipsets	3	1580	NA	NA
SiS 630/730	1	1624	NA	NA
SiS 650_651_M650_M652_740	3	1588	NA	NA
SiS 651	2	1607	NA	NA
SiS 661FX	3	1578	NA	NA
SiS 661FX/GX Mirage	4	1569	NA	NA
SiS 661FX_760_741_M661FX_M760_M741	4	1562	NA	NA
SiS 741	4	1560	NA	NA
SiS 760	5	1543	NA	NA
SiS M661MX	4	1570	NA	NA
SiS M760GX	3	1576	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
SiS Mirage	4	1565	NA	NA
SiS Mirage 3	2	1620	NA	NA
SUMO 9640	650	722	NA	NA
SUMO 964A	497	871	NA	NA
Tesla C2050	3465	159	NA	NA
Tesla C2050 / C2070	3756	144	NA	NA
Tesla C2070	3077	179	NA	NA
Tesla C2075	3324	165	1.46	\$2,269.99*
Tesla M60	7233	59	NA	NA
TITAN V	14140	4	4.08	\$3,464.88
TITAN Xp COLLECTORS EDITION	15077	1	NA	NA
TRINITY DEVASTATOR MOBILE	699	675	NA	NA
Vanta/Vanta LT	3	1600	NA	NA
VIA Chrome9 HC IGP	4	1564	NA	NA
VIA Chrome9 HC IGP Family	3	1574	NA	NA
VIA Chrome9 HC IGP Family WDDM	3	1582	NA	NA
VIA Chrome9 HC IGP Prerelease WDDM 1.1	2	1608	NA	NA
VIA Chrome9 HC IGP WDDM	2	1606	NA	NA
VIA Chrome9 HC IGP WDDM 1.1	2	1604	NA	NA
VIA Chrome9 HCM IGP	1	1622	NA	NA
VIA Chrome9 HD IGP	11	1495	NA	NA
VIA/S3G Chrome 645/640 GPU	106	1201	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
VIA/S3G DeltaChrome IGP	3	1592	NA	NA
VIA/S3G KM400/KN400	4	1568	NA	NA
VIA/S3G UniChrome IGP	4	1566	NA	NA
VIA/S3G UniChrome Pro IGP	4	1551	NA	NA
VIA/S3G UniChromell	5	1526	NA	NA
VirtualBox Adapter for Windows 8+	420	922	NA	NA
VRVD5	10221	25	NA	NA
Wine Display Adapter	261	1027	NA	NA
Xabre	5	1541	NA	NA

* - Last price seen from our affiliates.

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