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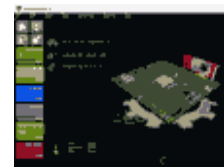
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CPU List

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

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2623	NA	NA
AMD A4 Micro-6400T APU	1544	1818	NA	NA
AMD A4 PRO-3340B	2402	1428	NA	NA
AMD A4 PRO-7300B APU	2338	1449	NA	NA
AMD A4 PRO-7350B	2794	1292	NA	NA
AMD A4-1200 APU	638	2301	NA	NA
AMD A4-1250 APU	618	2310	NA	NA
AMD A4-3300 APU	1504	1839	115.84	\$12.99
AMD A4-3300M APU	1185	2001	39.54	\$29.99*
AMD A4-3305M APU	1221	1984	40.71	\$30.00*
AMD A4-3310MX APU	1292	1939	NA	NA
AMD A4-3320M APU	1253	1967	36.88	\$34.00
AMD A4-3330MX APU	1213	1987	NA	NA
AMD A4-3400 APU	1595	1801	155.09	\$10.29
AMD A4-3420 APU	1677	1751	NA	NA
AMD A4-4000 APU	1822	1678	60.76	\$29.99
AMD A4-4020 APU	1918	1625	19.19	\$100.00
AMD A4-4300M APU	1611	1790	40.43	\$39.86
AMD A4-4355M APU	1175	2005	NA	NA
AMD A4-5000 APU	1908	1628	NA	NA
AMD A4-5050 APU	2113	1544	NA	NA
AMD A4-5100 APU	2037	1573	NA	NA
AMD A4-5150M APU	1844	1666	NA	NA
AMD A4-5300 APU	2011	1585	34.50	\$58.32*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5300B APU	2125	1539	55.94	\$38.00*
AMD A4-6210 APU	2155	1524	NA	NA
AMD A4-6250J APU	2556	1371	NA	NA
AMD A4-6300 APU	2223	1502	18.22	\$122.00
AMD A4-6300B APU	2129	1536	21.30	\$100.00*
AMD A4-6320 APU	2329	1452	33.29	\$69.99
AMD A4-7210 APU	2507	1392	NA	NA
AMD A4-7300 APU	2298	1469	16.78	\$137.00
AMD A4-9120	1915	1626	NA	NA
AMD A4-9125	2004	1588	NA	NA
AMD A6 Micro-6500T APU	1834	1673	NA	NA
AMD A6 PRO-7050B APU	1616	1787	NA	NA
AMD A6 PRO-7400B	2690	1327	NA	NA
AMD A6-1450 APU	1523	1825	NA	NA
AMD A6-3400M APU	1885	1650	62.91	\$29.97*
AMD A6-3410MX APU	2052	1569	68.45	\$29.99*
AMD A6-3420M APU	2002	1589	NA	NA
AMD A6-3430MX APU	2229	1500	NA	NA
AMD A6-3500 APU	2011	1586	50.30	\$39.99
AMD A6-3600 APU	2703	1323	117.61	\$22.99*
AMD A6-3620 APU	2799	1290	46.67	\$59.99*
AMD A6-3650 APU	3155	1173	98.64	\$31.99
AMD A6-3670 APU	3190	1158	63.83	\$49.99
AMD A6-4400M APU	1634	1776	40.99	\$39.86*
AMD A6-4455M APU	1283	1947	NA	NA
AMD A6-5200 APU	2424	1419	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5345M APU	1476	1850	NA	NA
AMD A6-5350M APU	1899	1637	44.05	\$43.12
AMD A6-5357M APU	1938	1614	NA	NA
AMD A6-5400B APU	2199	1512	20.94	\$105.04*
AMD A6-5400K APU	2149	1527	16.54	\$129.95
AMD A6-6310 APU	2445	1413	NA	NA
AMD A6-6400B APU	2281	1479	NA	NA
AMD A6-6400K APU	2303	1464	32.91	\$69.99
AMD A6-6420B APU	2612	1350	NA	NA
AMD A6-6420K APU	2361	1446	15.75	\$149.99*
AMD A6-7000	1671	1755	NA	NA
AMD A6-7310 APU	2659	1335	NA	NA
AMD A6-7400K APU	2783	1295	56.82	\$48.99
AMD A6-7470K	2727	1317	38.97	\$69.99
AMD A6-8500P	2202	1511	NA	NA
AMD A6-8550	3104	1186	NA	NA
AMD A6-9200	1688	1745	NA	NA
AMD A6-9210	1802	1685	NA	NA
AMD A6-9220	2190	1515	NA	NA
AMD A6-9220e	1600	1797	NA	NA
AMD A6-9225	2294	1471	NA	NA
AMD A6-9230	2102	1548	NA	NA
AMD A6-9500	2996	1221	54.47	\$55.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-9500E	2889	1264	48.16	\$59.99
AMD A8 PRO-7150B APU	2650	1337	NA	NA
AMD A8 PRO-7600B APU	4808	805	NA	NA
AMD A8-3500M APU	1971	1601	28.19	\$69.95
AMD A8-3510MX APU	2370	1440	NA	NA
AMD A8-3520M APU	2178	1518	NA	NA
AMD A8-3530MX APU	2375	1438	NA	NA
AMD A8-3550MX APU	2610	1351	NA	NA
AMD A8-3800 APU	3034	1210	53.25	\$56.99
AMD A8-3820 APU	3129	1180	25.04	\$124.99*
AMD A8-3850 APU	3468	1083	32.82	\$105.68*
AMD A8-3870K APU	3550	1063	71.03	\$49.99
AMD A8-4500M APU	2665	1333	NA	NA
AMD A8-4555M APU	2125	1540	NA	NA
AMD A8-5500 APU	3993	957	30.95	\$129.00*
AMD A8-5500B APU	3954	966	NA	NA
AMD A8-5545M APU	2584	1361	NA	NA
AMD A8-5550M APU	3006	1217	NA	NA
AMD A8-5557M APU	2963	1233	NA	NA
AMD A8-5600K APU	4342	892	18.94	\$229.30
AMD A8-6410 APU	2572	1366	NA	NA
AMD A8-6500 APU	4384	883	27.23	\$160.99*
AMD A8-6500B APU	4603	841	NA	NA
AMD A8-6500T APU	3221	1147	NA	NA
AMD A8-6600K APU	4583	847	47.26	\$96.99
AMD A8-7050	1986	1596	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7100 APU	2802	1288	NA	NA
AMD A8-7200P	3319	1120	NA	NA
AMD A8-7410 APU	2738	1312	NA	NA
AMD A8-7600 APU	5090	746	39.16	\$129.99
AMD A8-7650K	4933	783	66.68	\$73.99
AMD A8-7670K	5083	749	25.42	\$199.99
AMD A8-8600P	3248	1137	NA	NA
AMD A8-8650	5470	688	NA	NA
AMD A8-9600	5010	767	77.09	\$64.99
AMD A9-9400	2300	1467	NA	NA
AMD A9-9410	2555	1372	NA	NA
AMD A9-9420	2325	1455	NA	NA
AMD A9-9420e	1908	1629	NA	NA
AMD A9-9425	2734	1316	NA	NA
AMD A9-9430	2541	1377	NA	NA
AMD A10 Micro-6700T APU	1890	1644	NA	NA
AMD A10 PRO-7350B APU	3213	1153	NA	NA
AMD A10 PRO-7800B APU	5108	740	NA	NA
AMD A10 PRO-7850B APU	5382	703	NA	NA
AMD A10-4600M APU	3111	1185	NA	NA
AMD A10-4655M APU	2603	1354	NA	NA
AMD A10-4657M APU	2906	1255	NA	NA
AMD A10-5700 APU	4207	917	15.30	\$274.97*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-5745M APU	2762	1303	NA	NA
AMD A10-5750M APU	3343	1117	NA	NA
AMD A10-5757M APU	3084	1193	NA	NA
AMD A10-5800B APU	4669	823	NA	NA
AMD A10-5800K APU	4637	829	15.40	\$301.11*
AMD A10-6700 APU	4597	843	39.30	\$116.99
AMD A10-6700T APU	3693	1033	25.02	\$147.61*
AMD A10-6790K APU	4703	819	49.52	\$94.99
AMD A10-6800B APU	4991	771	NA	NA
AMD A10-6800K APU	4863	793	16.96	\$286.85*
AMD A10-7300 APU	2906	1254	NA	NA
AMD A10-7400P	3633	1042	NA	NA
AMD A10-7700K APU	5131	737	49.63	\$103.39
AMD A10-7800 APU	4992	770	48.29	\$103.39
AMD A10-7850K APU	5477	685	42.14	\$129.99
AMD A10-7860K	5086	748	12.78	\$398.00
AMD A10-7870K	5475	686	21.90	\$249.99
AMD A10-7890K	5732	654	28.67	\$199.99
AMD A10-8700P	3448	1088	NA	NA
AMD A10-8750	5082	750	NA	NA
AMD A10-8850	5598	673	NA	NA
AMD A10-9600P	3794	1000	NA	NA
AMD A10-9620P	3697	1031	NA	NA
AMD A10-9630P	4497	863	NA	NA
AMD A10-9700	5429	695	67.88	\$79.99
AMD A10-9700E	4741	815	67.74	\$69.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A12-9700P	3725	1021	NA	NA
AMD A12-9720P	3989	958	NA	NA
AMD A12-9730P	4381	884	NA	NA
AMD A12-9800	5522	683	42.48	\$129.99
AMD A12-9800E	5104	742	44.59	\$114.49
AMD Athlon64 X2 Dual Core 4600+	1108	2043	NA	NA
AMD Athlon 4	279	2643	7.00	\$39.99
AMD Athlon 64 2000+	116	2778	NA	NA
AMD Athlon 64 2200+	575	2334	NA	NA
AMD Athlon 64 2600+	374	2516	NA	NA
AMD Athlon 64 2800+	438	2446	4.38	\$99.99*
AMD Athlon 64 3000+	463	2415	7.72	\$59.99
AMD Athlon 64 3200+	491	2383	3.28	\$149.95*
AMD Athlon 64 3300+	576	2333	NA	NA
AMD Athlon 64 3400+	545	2346	NA	NA
AMD Athlon 64 3500+	539	2352	4.96	\$108.95
AMD Athlon 64 3600+	601	2320	NA	NA
AMD Athlon 64 3700+	599	2321	8.69	\$69.00*
AMD Athlon 64 3800+	589	2323	3.28	\$179.95
AMD Athlon 64 4000+	608	2314	50.76	\$11.99
AMD Athlon 64 FX-25	794	2228	NA	NA
AMD Athlon 64 FX-34	380	2508	NA	NA
AMD Athlon 64 FX-51	437	2447	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-53	646	2295	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2260	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2254	NA	NA
AMD Athlon 64 FX-59	715	2263	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1949	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1811	NA	NA
AMD Athlon 64 FX-72	1794	1689	NA	NA
AMD Athlon 64 FX-74	1495	1845	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2142	NA	NA
AMD Athlon 64 X2 4200+	1285	1945	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2115	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	965	2133	16.09	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1001	2107	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1041	2084	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1097	2048	6.10	\$179.95
AMD Athlon 64 X2 Dual Core 4400+	1146	2025	95.66	\$11.99
AMD Athlon 64 X2 Dual Core 4600+	1222	1983	3.40	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1254	1966	80.98	\$15.49
AMD Athlon 64 X2 Dual Core 5000+	1313	1925	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1383	1888	26.05	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1446	1862	27.29	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1484	1848	9.90	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1823	61.17	\$24.99
AMD Athlon 64 X2 Dual Core 6000+	1604	1795	49.37	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1791	1692	6.89	\$259.95
AMD Athlon 64 X2 Dual Core BE-230	1095	2052	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	2063	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2082	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2207	28.02	\$29.97
AMD Athlon 64 X2 Dual Core TK-55	839	2208	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2130	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2187	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	815	2220	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	872	2188	11.99	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	924	2165	NA	NA
AMD Athlon 64 X2 QL-60	918	2171	NA	NA
AMD Athlon 64 X2 QL-62	1014	2100	NA	NA
AMD Athlon 64 X2 QL-64	989	2120	NA	NA
AMD Athlon 64 X2 QL-65	1046	2080	NA	NA
AMD Athlon 64 X2 QL-66	947	2148	NA	NA
AMD Athlon 64 X2 QL-67	1006	2104	NA	NA
AMD Athlon 64 X2 TK-55	955	2143	NA	NA
AMD Athlon 64 X2 TK-57	988	2121	NA	NA
AMD Athlon 200GE	4946	779	NA	NA
AMD Athlon 1500+	294	2616	NA	NA
AMD Athlon 1640B	678	2285	13.57	\$50.00*
AMD Athlon 1700+	349	2546	NA	NA
AMD Athlon 2000+	390	2503	NA	NA
AMD Athlon 2100+	412	2467	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 2200+	363	2533	4.55	\$79.99
AMD Athlon 2400+	462	2417	NA	NA
AMD Athlon 2500+	374	2514	2.04	\$183.99*
AMD Athlon 2600+	444	2436	4.23	\$104.95*
AMD Athlon 2650e	409	2470	21.56	\$19.00*
AMD Athlon 2800+	447	2433	3.20	\$139.95*
AMD Athlon 2850e	504	2378	NA	NA
AMD Athlon 3100+	485	2397	NA	NA
AMD Athlon 3200+	458	2421	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	1938	76.13	\$16.98
AMD Athlon 5150 APU	2102	1549	13.14	\$159.95
AMD Athlon 5200 Dual-Core	1248	1970	41.64	\$29.99
AMD Athlon 5350 APU	2605	1353	7.70	\$338.46
AMD Athlon 5370 APU	2898	1261	45.51	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1861	NA	NA
AMD Athlon 7550 Dual-Core	1458	1856	24.30	\$60.00*
AMD Athlon 7750 Dual-Core	1576	1808	10.60	\$148.71*
AMD Athlon 7850 Dual-Core	1715	1724	8.18	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2626	NA	NA
AMD Athlon Dual Core 4050e	1086	2058	NA	NA
AMD Athlon Dual Core 4450B	1162	2017	37.49	\$31.00*
AMD Athlon Dual Core 4450e	1102	2047	NA	NA
AMD Athlon Dual Core 4850B	1391	1886	NA	NA
AMD Athlon Dual Core 4850e	1311	1926	33.64	\$39.00*
AMD Athlon Dual Core 5000B	1300	1931	13.69	\$95.00*
AMD Athlon Dual Core 5050e	1347	1910	22.45	\$60.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 5200B	1319	1921	NA	NA
AMD Athlon Dual Core 5400B	1405	1878	NA	NA
AMD Athlon Dual Core 5600B	1304	1930	NA	NA
AMD Athlon II 160u	560	2342	18.68	\$29.99*
AMD Athlon II 170u	623	2309	20.80	\$29.95*
AMD Athlon II Dual-Core M300	1114	2037	NA	NA
AMD Athlon II Dual-Core M320	1142	2029	38.08	\$30.00*
AMD Athlon II Dual-Core M340	1056	2077	NA	NA
AMD Athlon II N330 Dual-Core	1154	2021	NA	NA
AMD Athlon II N350 Dual-Core	1247	1973	NA	NA
AMD Athlon II N370 Dual-Core	1559	1814	NA	NA
AMD Athlon II Neo K125	472	2408	NA	NA
AMD Athlon II Neo K145	525	2360	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2235	29.83	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2200	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2230	NA	NA
AMD Athlon II P320 Dual-Core	1216	1985	40.62	\$29.95
AMD Athlon II P340 Dual-Core	1249	1969	27.80	\$44.95*
AMD Athlon II P360 Dual-Core	1317	1923	54.89	\$24.00*
AMD Athlon II X2 210e	1486	1847	NA	NA
AMD Athlon II X2 215	1577	1807	131.55	\$11.99*
AMD Athlon II X2 220	1633	1777	50.73	\$32.19
AMD Athlon II X2 225	1526	1824	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	1660	1764	9.13	\$181.88*
AMD Athlon II X2 240	1641	1772	102.64	\$15.99
AMD Athlon II X2 240e	1700	1739	48.65	\$34.95*
AMD Athlon II X2 245	1657	1768	47.44	\$34.95
AMD Athlon II X2 245e	1706	1732	21.33	\$80.00*
AMD Athlon II X2 250	1742	1710	44.74	\$38.95
AMD Athlon II X2 250e	1949	1610	25.41	\$76.73*
AMD Athlon II X2 250u	1000	2108	28.62	\$34.95*
AMD Athlon II X2 255	1846	1664	28.32	\$65.22*
AMD Athlon II X2 260	1872	1653	93.68	\$19.99
AMD Athlon II X2 260u	1107	2045	13.28	\$83.44*
AMD Athlon II X2 265	1890	1645	22.81	\$82.88*
AMD Athlon II X2 270	1979	1598	82.53	\$23.99
AMD Athlon II X2 270u	1350	1908	19.96	\$67.67*
AMD Athlon II X2 280	2131	1534	21.32	\$99.99*
AMD Athlon II X2 4300e	1350	1907	NA	NA
AMD Athlon II X2 4400e	1618	1786	NA	NA
AMD Athlon II X2 4450e	1504	1840	NA	NA
AMD Athlon II X2 B22	1710	1728	32.58	\$52.49
AMD Athlon II X2 B24	1771	1698	44.34	\$39.95*
AMD Athlon II X2 B26	1891	1643	54.12	\$34.95
AMD Athlon II X2 B28	2089	1554	42.60	\$49.05*
AMD Athlon II X3 400e	2009	1587	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1578	25.32	\$79.99*
AMD Athlon II X3 415e	2247	1492	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1474	19.68	\$116.15*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 425	2313	1459	85.72	\$26.99
AMD Athlon II X3 425e	2239	1497	NA	NA
AMD Athlon II X3 435	2474	1405	82.52	\$29.99
AMD Athlon II X3 440	2571	1367	95.29	\$26.99
AMD Athlon II X3 445	2573	1365	28.28	\$91.00*
AMD Athlon II X3 450	2623	1346	75.08	\$34.95
AMD Athlon II X3 455	2769	1299	71.02	\$38.99
AMD Athlon II X3 460	2859	1271	73.35	\$38.99
AMD Athlon II X4 553	3814	995	NA	NA
AMD Athlon II X4 555	3830	992	NA	NA
AMD Athlon II X4 559	4142	932	NA	NA
AMD Athlon II X4 600e	2453	1410	18.84	\$130.23*
AMD Athlon II X4 605e	2750	1309	27.01	\$101.80*
AMD Athlon II X4 610e	2797	1291	39.97	\$69.99*
AMD Athlon II X4 615e	2901	1260	49.17	\$59.00*
AMD Athlon II X4 620	2937	1242	41.97	\$69.99
AMD Athlon II X4 620e	2906	1256	NA	NA
AMD Athlon II X4 630	3135	1178	72.93	\$42.99
AMD Athlon II X4 631 Quad-Core	3153	1174	39.42	\$80.00*
AMD Athlon II X4 635	3243	1139	46.37	\$69.95
AMD Athlon II X4 638 Quad-Core	3198	1157	120.73	\$26.49
AMD Athlon II X4 640	3313	1122	41.45	\$79.95
AMD Athlon II X4 641 Quad-Core	3346	1114	36.57	\$91.50*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 645	3474	1081	69.50	\$49.99
AMD Athlon II X4 650	3479	1080	20.88	\$166.60*
AMD Athlon II X4 651 Quad-Core	3569	1056	20.05	\$178.04*
AMD Athlon II X4 655	2998	1220	NA	NA
AMD Athlon II X4 6400e	2594	1355	NA	NA
AMD Athlon L110	306	2592	NA	NA
AMD Athlon LE-1600	567	2339	27.04	\$21.00*
AMD Athlon LE-1620	572	2336	31.80	\$18.00*
AMD Athlon LE-1640	627	2306	NA	NA
AMD Athlon LE-1660	688	2278	NA	NA
AMD Athlon MP	230	2698	4.20	\$54.95*
AMD Athlon MP 1700+	339	2558	NA	NA
AMD Athlon MP 2400+	436	2448	NA	NA
AMD Athlon MP 2800+	497	2381	NA	NA
AMD Athlon Neo MV-40	409	2471	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2106	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2234	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2213	NA	NA
AMD Athlon PRO 200GE	5286	720	NA	NA
AMD Athlon QI-46	473	2407	NA	NA
AMD Athlon TF-20	413	2465	NA	NA
AMD Athlon TF-36	358	2536	NA	NA
AMD Athlon X2 215	1543	1819	NA	NA
AMD Athlon X2 235e	1806	1683	NA	NA
AMD Athlon X2 240	1589	1805	NA	NA
AMD Athlon X2 240e	1670	1756	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 250	1696	1741	NA	NA
AMD Athlon X2 255	1627	1781	NA	NA
AMD Athlon X2 280	2303	1465	68.77	\$33.49
AMD Athlon X2 340 Dual Core	1901	1633	38.03	\$49.99
AMD Athlon X2 370K Dual Core	2251	1491	NA	NA
AMD Athlon X2 440	1424	1870	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2232	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2109	NA	NA
AMD Athlon X2 Dual Core BE-2300	925	2164	NA	NA
AMD Athlon X2 Dual Core BE-2350	1104	2046	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	1986	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1968	NA	NA
AMD Athlon X2 Dual Core L310	643	2298	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2102	NA	NA
AMD Athlon X3 425	2191	1514	NA	NA
AMD Athlon X3 435	2574	1364	26.96	\$95.49*
AMD Athlon X3 440	2078	1560	23.62	\$87.99*
AMD Athlon X3 445	2314	1458	NA	NA
AMD Athlon X3 450	3064	1200	38.80	\$78.99*
AMD Athlon X3 455	2401	1429	NA	NA
AMD Athlon X4 605e	2505	1394	NA	NA
AMD Athlon X4 620	2861	1269	47.74	\$59.95
AMD Athlon X4 635	2891	1263	23.71	\$121.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X4 640	3172	1162	NA	NA
AMD Athlon X4 740 Quad Core	4009	952	14.48	\$277.00*
AMD Athlon X4 750 Quad Core	4551	852	NA	NA
AMD Athlon X4 750K Quad Core	4249	913	55.20	\$76.99*
AMD Athlon X4 760K Quad Core	4594	845	99.91	\$45.99
AMD Athlon X4 830	4701	820	NA	NA
AMD Athlon X4 840	5037	761	63.98	\$78.74*
AMD Athlon X4 845	5426	697	108.55	\$49.99
AMD Athlon X4 860K	5432	694	92.10	\$58.99
AMD Athlon X4 870K	5307	717	66.35	\$79.99
AMD Athlon X4 880K	5559	676	55.60	\$99.99
AMD Athlon X4 950	5305	718	88.44	\$59.99
AMD Athlon XP1600+	281	2638	NA	NA
AMD Athlon XP1700+	234	2694	NA	NA
AMD Athlon XP1900+	353	2542	NA	NA
AMD Athlon XP2100+	287	2628	NA	NA
AMD Athlon XP2200+	401	2485	NA	NA
AMD Athlon XP2400+	374	2515	NA	NA
AMD Athlon XP 1500	282	2637	NA	NA
AMD Athlon XP 1500+	257	2668	NA	NA
AMD Athlon XP 1600+	267	2658	NA	NA
AMD Athlon XP 1700	344	2554	NA	NA
AMD Athlon XP 1700+	271	2652	NA	NA
AMD Athlon XP 1800+	300	2603	5.10	\$58.95*
AMD Athlon XP 1900+	312	2586	NA	NA
AMD Athlon XP 2000+	299	2604	12.00	\$24.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2100+	323	2570	NA	NA
AMD Athlon XP 2200+	328	2568	3.87	\$84.95*
AMD Athlon XP 2300+	464	2414	NA	NA
AMD Athlon XP 2400+	360	2535	4.01	\$89.99*
AMD Athlon XP 2500+	355	2539	NA	NA
AMD Athlon XP 2600+	372	2519	16.18	\$23.03*
AMD Athlon XP 2700+	393	2496	4.64	\$84.79*
AMD Athlon XP 2800+	399	2488	NA	NA
AMD Athlon XP 2900+	440	2441	NA	NA
AMD Athlon XP 3000+	402	2484	5.05	\$79.70*
AMD Athlon XP 3100+	433	2453	NA	NA
AMD Athlon XP 3200+	433	2452	NA	NA
AMD Athlon XP 3400+	570	2338	NA	NA
AMD Athlon XP Pro3+	367	2525	NA	NA
AMD Athlon XP-M	541	2351	15.48	\$34.95*
AMD C-30	310	2588	NA	NA
AMD C-50	462	2418	NA	NA
AMD C-60	466	2412	NA	NA
AMD C-60 APU	544	2347	NA	NA
AMD C-70 APU	563	2341	NA	NA
AMD E1 Micro-6200T APU	960	2140	NA	NA
AMD E1-1200 APU	657	2291	NA	NA
AMD E1-1500 APU	688	2279	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E1-2100 APU	636	2302	NA	NA
AMD E1-2200 APU	767	2237	NA	NA
AMD E1-2500 APU	888	2184	NA	NA
AMD E1-6010 APU	859	2194	NA	NA
AMD E1-6015 APU	895	2183	NA	NA
AMD E1-7010 APU	993	2119	NA	NA
AMD E2-1800 APU	819	2217	NA	NA
AMD E2-2000 APU	830	2211	NA	NA
AMD E2-3000 APU	1088	2055	NA	NA
AMD E2-3000M APU	1092	2053	54.65	\$20.00*
AMD E2-3200 APU	1401	1879	175.41	\$7.99*
AMD E2-3800 APU	1644	1770	NA	NA
AMD E2-6110 APU	1902	1630	NA	NA
AMD E2-7110 APU	2281	1480	NA	NA
AMD E2-9000	1666	1760	NA	NA
AMD E2-9000e	1361	1901	NA	NA
AMD E2-9010	1774	1695	NA	NA
AMD E-240	318	2576	NA	NA
AMD E-300 APU	611	2313	NA	NA
AMD E-350	747	2248	NA	NA
AMD E-350 APU	759	2243	NA	NA
AMD E-350D APU	723	2259	NA	NA
AMD E-450 APU	767	2238	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1706	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1555	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2509	1390	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded R-Series RX-216GD	2409	1424	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	751	NA	NA
AMD Embedded R-Series RX-421BD	4635	831	NA	NA
AMD EPYC 7251 8-Core	10679	231	21.07	\$506.95
AMD EPYC 7351P	15820	102	15.95	\$992.00
AMD EPYC 7401P	18546	54	16.06	\$1,154.99
AMD EPYC 7501	18942	52	4.32	\$4,379.91
AMD EPYC 7551	18483	56	4.85	\$3,813.99
AMD FirePro A320 APU	4540	857	NA	NA
AMD FX-670K Quad-Core	4550	853	NA	NA
AMD FX-770K Quad-Core	4777	809	NA	NA
AMD FX-870K Quad Core	5105	741	NA	NA
AMD FX-4100 Quad-Core	4069	942	31.31	\$129.99*
AMD FX-4130 Quad-Core	4164	927	54.80	\$75.99*
AMD FX-4150 Quad-Core	4594	846	NA	NA
AMD FX-4170 Quad-Core	4857	794	48.58	\$99.99
AMD FX-4200 Quad-Core	4279	905	18.75	\$228.21*
AMD FX-4300 Quad-Core	4684	821	89.24	\$52.49
AMD FX-4320	5009	769	NA	NA
AMD FX-4330	5321	715	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-4350 Quad-Core	5334	713	41.04	\$129.99
AMD FX-6100 Six-Core	5379	704	17.70	\$304.00
AMD FX-6120 Six-Core	5734	653	NA	NA
AMD FX-6130 Six-Core	6215	599	NA	NA
AMD FX-6200 Six-Core	6129	612	18.03	\$339.95
AMD FX-6300 Six-Core	6385	593	116.11	\$54.99
AMD FX-6330 Six-Core	6916	540	NA	NA
AMD FX-6350 Six-Core	6997	532	53.83	\$129.99
AMD FX-7500 APU	3212	1154	NA	NA
AMD FX-7600P	4051	944	NA	NA
AMD FX-7600P APU	4627	833	NA	NA
AMD FX-8100 Eight-Core	6018	624	42.39	\$142.00*
AMD FX-8120 Eight-Core	6597	570	65.99	\$99.99
AMD FX-8140 Eight-Core	6033	622	NA	NA
AMD FX-8150 Eight-Core	7628	475	19.89	\$383.50*
AMD FX-8300 Eight-Core	7721	465	93.87	\$82.25
AMD FX-8310 Eight-Core	7758	460	NA	NA
AMD FX-8320 Eight-Core	8019	436	85.59	\$93.69
AMD FX-8320E Eight-Core	7544	480	78.06	\$96.65
AMD FX-8350 Eight-Core	8949	365	127.86	\$69.99
AMD FX-8370 Eight-Core	9020	357	70.79	\$127.43
AMD FX-8370E Eight-Core	7801	454	30.12	\$259.00
AMD FX-8800P	4147	931	NA	NA
AMD FX-9370 Eight-Core	9465	317	52.91	\$178.89
AMD FX-9590 Eight-Core	10192	253	101.93	\$99.99
AMD FX-9800P	3998	956	NA	NA
AMD FX-9830P	4746	814	NA	NA
AMD FX-B4150 Quad-Core	4611	838	NA	NA
AMD G-T40E	485	2394	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T40N	516	2366	NA	NA
AMD G-T40R	203	2725	NA	NA
AMD G-T44R	227	2700	NA	NA
AMD G-T48E	724	2258	NA	NA
AMD G-T52R	303	2597	NA	NA
AMD G-T56E	751	2246	NA	NA
AMD G-T56N	788	2231	NA	NA
AMD Geode NX	264	2661	NA	NA
AMD Geode NX 1750	291	2617	NA	NA
AMD GX-210JA SOC	401	2486	NA	NA
AMD GX-212JC SOC	744	2250	NA	NA
AMD GX-217GA SOC	1097	2049	NA	NA
AMD GX-218GL SOC	1115	2036	NA	NA
AMD GX-222GC SOC	1255	1965	NA	NA
AMD GX-412HC	1497	1844	NA	NA
AMD GX-415GA SOC	1946	1612	NA	NA
AMD GX-420CA SOC	2362	1445	NA	NA
AMD GX-424CC SOC	2488	1399	NA	NA
AMD K7	403	2481	NA	NA
AMD Opteron 140	396	2492	0.56	\$710.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 142	428	2459	NA	NA
AMD Opteron 144	486	2393	7.48	\$65.00*
AMD Opteron 146	532	2357	8.87	\$59.99*
AMD Opteron 148	603	2319	NA	NA
AMD Opteron 150	604	2317	NA	NA
AMD Opteron 152	658	2289	NA	NA
AMD Opteron 154	703	2272	NA	NA
AMD Opteron 165	899	2181	1.47	\$610.00*
AMD Opteron 170	1097	2050	NA	NA
AMD Opteron 175	1167	2013	NA	NA
AMD Opteron 180	1234	1976	9.50	\$129.95*
AMD Opteron 185	1360	1903	NA	NA
AMD Opteron 246	632	2304	31.62	\$19.99
AMD Opteron 248	476	2405	4.77	\$99.95
AMD Opteron 250	649	2294	59.01	\$11.00*
AMD Opteron 252	760	2242	12.00	\$63.36*
AMD Opteron 254	693	2275	NA	NA
AMD Opteron 256	963	2137	50.72	\$19.00*
AMD Opteron 265	963	2138	6.02	\$159.95*
AMD Opteron 270	1083	2062	1.78	\$607.47*
AMD Opteron 275	1291	1941	19.87	\$64.99
AMD Opteron 280	1272	1955	1.60	\$796.67*
AMD Opteron 285	1470	1852	NA	NA
AMD Opteron 290	1464	1854	10.85	\$135.00*
AMD Opteron 1210	923	2167	NA	NA
AMD Opteron 1210 HE	971	2129	NA	NA
AMD Opteron 1212	1009	2103	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1928	NA	NA
AMD Opteron 1214	1191	1998	4.11	\$290.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1214 HE	1299	1932	NA	NA
AMD Opteron 1216	1311	1927	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2010	NA	NA
AMD Opteron 1218	1468	1853	NA	NA
AMD Opteron 1218 HE	1444	1863	NA	NA
AMD Opteron 1220	1653	1769	NA	NA
AMD Opteron 1222	1757	1704	NA	NA
AMD Opteron 1352	2316	1457	17.04	\$135.99*
AMD Opteron 1354	2630	1344	8.49	\$309.97*
AMD Opteron 1356	2765	1302	30.73	\$89.99*
AMD Opteron 1381	3065	1199	NA	NA
AMD Opteron 2212	1270	1957	105.89	\$12.00*
AMD Opteron 2214	1358	1904	46.85	\$29.00
AMD Opteron 2214 HE	1415	1874	NA	NA
AMD Opteron 2216	1518	1834	66.00	\$23.00
AMD Opteron 2218	1594	1802	49.18	\$32.42*
AMD Opteron 2220	1701	1738	1.15	\$1,475.16*
AMD Opteron 2220 SE	1398	1881	55.92	\$25.00*
AMD Opteron 2222	1843	1667	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1624	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2350	2820	1280	10.45	\$269.99*
AMD Opteron 2356	2814	1283	188.25	\$14.95
AMD Opteron 2373 EE	2789	1294	NA	NA
AMD Opteron 2374 HE	2951	1236	15.53	\$189.99*
AMD Opteron 2376	2283	1477	13.69	\$166.80*
AMD Opteron 2378	3179	1161	17.76	\$179.00*
AMD Opteron 2380	2640	1341	105.64	\$25.00*
AMD Opteron 2384	3538	1068	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1069	NA	NA
AMD Opteron 2393 SE	2246	1493	NA	NA
AMD Opteron 2427	3069	1197	31.00	\$99.00
AMD Opteron 2431	4516	861	112.91	\$40.00
AMD Opteron 2435	4708	818	24.91	\$189.00
AMD Opteron 3260 HE	3259	1133	NA	NA
AMD Opteron 3280	5286	721	19.35	\$273.18*
AMD Opteron 3320 EE	2675	1331	NA	NA
AMD Opteron 3350 HE	4009	953	NA	NA
AMD Opteron 3365	5963	627	NA	NA
AMD Opteron 3380	6384	594	7.89	\$809.00*
AMD Opteron 4122	2942	1239	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1165	NA	NA
AMD Opteron 4184	4418	877	8.50	\$519.95*
AMD Opteron 4280	6430	586	128.63	\$49.99
AMD Opteron 4284	6660	563	111.03	\$59.99
AMD Opteron 4332 HE	5614	669	NA	NA
AMD Opteron 4334	6099	614	28.18	\$216.42*
AMD Opteron 4365 EE	5025	763	NA	NA
AMD Opteron 4386	5419	699	38.71	\$139.99
AMD Opteron 6128	4505	862	214.63	\$20.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6134	2938	1241	8.93	\$329.00
AMD Opteron 6136	4631	832	12.90	\$359.00*
AMD Opteron 6164 HE	5351	709	NA	NA
AMD Opteron 6174	6171	607	62.34	\$99.00
AMD Opteron 6176 SE	5446	692	34.26	\$159.00
AMD Opteron 6212	5776	648	192.62	\$29.99
AMD Opteron 6220	6785	549	113.11	\$59.99
AMD Opteron 6234	5979	626	85.44	\$69.99*
AMD Opteron 6238	7673	469	127.92	\$59.99
AMD Opteron 6272	6748	554	10.24	\$658.89
AMD Opteron 6274	4865	792	20.36	\$239.00
AMD Opteron 6276	9011	360	112.66	\$79.99
AMD Opteron 6282 SE	9116	349	70.13	\$129.99
AMD Opteron 6287 SE	9789	291	NA	NA
AMD Opteron 6328	7813	453	21.76	\$359.00
AMD Opteron 6366 HE	7503	484	37.52	\$199.99
AMD Opteron 6376	9414	323	144.84	\$65.00
AMD Opteron 6378	2152	1525	10.76	\$199.99
AMD Opteron 6380	10081	266	112.03	\$89.99
AMD Opteron 6386 SE	10748	227	71.66	\$149.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 8354	2255	1490	102.52	\$22.00
AMD Opteron 8439 SE	3813	996	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1201	NA	NA
AMD Opteron X3216 APU	2368	1442	NA	NA
AMD Opteron X3421 APU	4894	787	NA	NA
AMD Phenom 2 X4 12000	3005	1219	NA	NA
AMD Phenom 7950 Quad-Core	2991	1225	NA	NA
AMD Phenom 8250 Triple-Core	1644	1771	NA	NA
AMD Phenom 8250e Triple-Core	1619	1785	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1631	1779	NA	NA
AMD Phenom 8450 Triple-Core	1887	1649	63.03	\$29.95*
AMD Phenom 8450e Triple-Core	2040	1571	NA	NA
AMD Phenom 8600 Triple-Core	1703	1736	32.15	\$52.99*
AMD Phenom 8600B Triple-Core	1920	1623	36.25	\$52.99*
AMD Phenom 8650 Triple-Core	1991	1593	39.83	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1566	NA	NA
AMD Phenom 8750B Triple-Core	2034	1575	NA	NA
AMD Phenom 8850 Triple-Core	2026	1577	NA	NA
AMD Phenom 8850B Triple-Core	2080	1559	NA	NA
AMD Phenom 9100e Quad-Core	1835	1672	45.96	\$39.95*
AMD Phenom 9150e Quad-Core	2113	1543	52.90	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1456	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1347	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2204	1509	76.04	\$28.99
AMD Phenom 9550 Quad-Core	2543	1376	87.74	\$28.99
AMD Phenom 9600 Quad-Core	2304	1461	46.15	\$49.95*
AMD Phenom 9600B Quad-Core	2577	1363	17.51	\$147.19*
AMD Phenom 9650 Quad-Core	2638	1343	48.01	\$54.95*
AMD Phenom 9750 Quad-Core	2812	1285	95.37	\$29.49
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9750B Quad-Core	2709	1321	NA	NA
AMD Phenom 9850 Quad-Core	2893	1262	57.87	\$50.00*
AMD Phenom 9850B Quad-Core	3160	1170	NA	NA
AMD Phenom 9950 Quad-Core	3012	1214	16.74	\$179.98*
AMD Phenom FX-5000 Quad-Core	2517	1387	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1237	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1043	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1078	NA	NA
AMD Phenom II N620 Dual-Core	1681	1749	421.43	\$3.99
AMD Phenom II N640 Dual-Core	1716	1723	26.43	\$64.95*
AMD Phenom II N660 Dual-Core	1853	1662	18.72	\$99.00*
AMD Phenom II N830 3+1	2652	1336	NA	NA
AMD Phenom II N830 Triple-Core	1889	1646	NA	NA
AMD Phenom II N850 Triple-Core	1935	1616	77.42	\$25.00*
AMD Phenom II N870 Triple-Core	1988	1595	NA	NA
AMD Phenom II N930 Quad-Core	2270	1485	17.47	\$129.95*
AMD Phenom II N950 Quad-Core	2484	1402	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2524	1384	16.83	\$149.99*
AMD Phenom II P650 Dual-Core	1597	1799	45.66	\$35.00*
AMD Phenom II P820 Triple-Core	1604	1793	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II P840 Triple-Core	1738	1713	NA	NA
AMD Phenom II P860 Triple-Core	1759	1701	NA	NA
AMD Phenom II P920 Quad-Core	1866	1656	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1680	NA	NA
AMD Phenom II P960 Quad-Core	2086	1556	74.52	\$28.00*
AMD Phenom II X2 511	2104	1547	NA	NA
AMD Phenom II X2 521	2077	1561	NA	NA
AMD Phenom II X2 545	1911	1627	43.46	\$43.98
AMD Phenom II X2 550	2021	1579	40.44	\$49.99
AMD Phenom II X2 555	2044	1570	70.53	\$28.99
AMD Phenom II X2 560	2057	1567	51.46	\$39.99
AMD Phenom II X2 565	2211	1506	73.73	\$29.99
AMD Phenom II X2 570	1960	1605	NA	NA
AMD Phenom II X2 B53	1709	1730	NA	NA
AMD Phenom II X2 B55	1931	1619	40.24	\$48.00*
AMD Phenom II X2 B57	1826	1676	NA	NA
AMD Phenom II X2 B59	2139	1531	107.07	\$19.98
AMD Phenom II X3 700e	2285	1476	NA	NA
AMD Phenom II X3 705e	2227	1501	14.63	\$152.34*
AMD Phenom II X3 710	2443	1414	28.91	\$84.53*
AMD Phenom II X3 715	2649	1338	31.17	\$84.99*
AMD Phenom II X3 720	2679	1330	38.28	\$69.99
AMD Phenom II X3 740	2994	1222	33.65	\$88.99*
AMD Phenom II X3 B73	2735	1315	36.47	\$75.00*
AMD Phenom II X3 B75	2929	1246	73.25	\$39.99
AMD Phenom II X3 B77	3067	1198	125.79	\$24.39
AMD Phenom II X4 805	2994	1223	17.21	\$173.99*
AMD Phenom II X4 810	3124	1181	26.94	\$115.99*
AMD Phenom II X4 820	3400	1099	45.38	\$74.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 830	3437	1090	42.99	\$79.95*
AMD Phenom II X4 840	3511	1073	39.04	\$89.95*
AMD Phenom II X4 840T	3601	1046	51.45	\$69.99
AMD Phenom II X4 850	3547	1065	54.59	\$64.99
AMD Phenom II X4 900e	2882	1266	NA	NA
AMD Phenom II X4 905e	3087	1191	57.18	\$53.99
AMD Phenom II X4 910	3252	1136	32.53	\$100.00*
AMD Phenom II X4 910e	3253	1135	20.72	\$156.99*
AMD Phenom II X4 920	3399	1101	75.56	\$44.99
AMD Phenom II X4 925	3421	1093	77.78	\$43.99*
AMD Phenom II X4 940	3591	1048	29.93	\$119.99*
AMD Phenom II X4 945	3662	1037	74.00	\$49.49
AMD Phenom II X4 955	3932	974	30.22	\$130.16*
AMD Phenom II X4 960T	3787	1004	59.20	\$63.99
AMD Phenom II X4 965	4191	920	71.04	\$59.00
AMD Phenom II X4 970	4328	897	29.23	\$148.11*
AMD Phenom II X4 973	3759	1012	NA	NA
AMD Phenom II X4 975	4463	867	35.23	\$126.69
AMD Phenom II X4 977	3750	1015	NA	NA
AMD Phenom II X4 980	4493	864	32.88	\$136.64*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 8700e	2377	1437	NA	NA
AMD Phenom II X4 B05e	2781	1296	NA	NA
AMD Phenom II X4 B15e	2736	1314	NA	NA
AMD Phenom II X4 B25	3330	1118	NA	NA
AMD Phenom II X4 B35	3383	1107	NA	NA
AMD Phenom II X4 B40	3394	1105	NA	NA
AMD Phenom II X4 B45	3467	1084	NA	NA
AMD Phenom II X4 B50	3702	1028	NA	NA
AMD Phenom II X4 B55	3859	984	NA	NA
AMD Phenom II X4 B60	4047	945	NA	NA
AMD Phenom II X4 B65	4177	924	NA	NA
AMD Phenom II X4 B70	4261	911	NA	NA
AMD Phenom II X4 B93	3355	1113	NA	NA
AMD Phenom II X4 B95	3698	1029	50.70	\$72.95*
AMD Phenom II X4 B97	3884	981	68.16	\$56.99
AMD Phenom II X4 B99	4130	935	NA	NA
AMD Phenom II X6 1035T	4664	825	24.68	\$189.00*
AMD Phenom II X6 1045T	4817	802	27.53	\$175.00*
AMD Phenom II X6 1055T	4964	775	26.84	\$185.00*
AMD Phenom II X6 1065T	5064	753	NA	NA
AMD Phenom II X6 1075T	5343	711	47.29	\$112.99
AMD Phenom II X6 1090T	5585	675	14.10	\$396.08*
AMD Phenom II X6 1100T	5730	655	32.29	\$177.49
AMD Phenom II X6 1405T	5042	760	NA	NA
AMD Phenom II X620 Dual-Core	2189	1516	NA	NA
AMD Phenom II X640 Dual-Core	2021	1580	NA	NA
AMD Phenom II X920 Quad-Core	2640	1342	NA	NA
AMD Phenom II X940 Quad-Core	2695	1325	NA	NA
AMD Phenom Ultra X4 24500	3945	969	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 GE-4060	1697	1740	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1507	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1705	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2003	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1866	NA	NA
AMD Phenom X3 8550	1922	1622	11.31	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1702	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1591	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1498	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2812	1286	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1320	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1326	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1989	NA	NA
AMD PRO A4-3350B APU	2518	1386	NA	NA
AMD PRO A4-8350B	2791	1293	NA	NA
AMD PRO A6-7350B	2759	1306	NA	NA
AMD PRO A6-8500B	2516	1388	NA	NA
AMD PRO A6-8530B	2388	1432	NA	NA
AMD PRO A6-8550B	2985	1227	NA	NA
AMD PRO A6-8570	3049	1204	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A6-8570E	2824	1279	NA	NA
AMD PRO A6-9500	3239	1143	43.77	\$74.00*
AMD PRO A6-9500B	2076	1562	NA	NA
AMD PRO A6-9500E	2761	1305	37.31	\$74.00*
AMD PRO A8-8600B	3553	1061	NA	NA
AMD PRO A8-8650B	5426	698	NA	NA
AMD PRO A8-8670E	5015	765	NA	NA
AMD PRO A8-9600	5296	719	44.51	\$119.00*
AMD PRO A8-9600B	4004	955	NA	NA
AMD PRO A10-8700B	3583	1054	NA	NA
AMD PRO A10-8730B	3985	960	NA	NA
AMD PRO A10-8750B	5646	668	NA	NA
AMD PRO A10-8770	5707	657	NA	NA
AMD PRO A10-8770E	5045	759	NA	NA
AMD PRO A10-8850B	5852	639	NA	NA
AMD PRO A10-9700	5677	662	33.59	\$169.00*
AMD PRO A10-9700B	4393	881	NA	NA
AMD PRO A10-9700E	4922	786	35.42	\$139.00*
AMD PRO A12-8800B	4154	930	NA	NA
AMD PRO A12-8830B	4325	898	NA	NA
AMD PRO A12-8870	6067	619	NA	NA
AMD PRO A12-8870E	5186	732	NA	NA
AMD PRO A12-9800	6199	603	36.68	\$169.00*
AMD PRO A12-9800B	4158	929	NA	NA
AMD PRO A12-9800E	4788	808	28.34	\$169.00*
AMD QC-4000	1663	1762	NA	NA
AMD R-260H APU	1576	1809	NA	NA
AMD R-460L APU	1954	1608	NA	NA
AMD R-464L APU	3117	1183	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD RX-427BB	4317	900	NA	NA
AMD Ryzen 3 1200	6748	555	85.51	\$78.92
AMD Ryzen 3 1300X	7462	488	54.16	\$137.79
AMD Ryzen 3 2200G	7424	493	78.99	\$93.99
AMD Ryzen 3 2200GE	7124	518	NA	NA
AMD Ryzen 3 2200U	4637	828	NA	NA
AMD Ryzen 3 2300U	5767	650	NA	NA
AMD Ryzen 3 PRO 1200	7069	526	NA	NA
AMD Ryzen 3 PRO 1300	7999	439	NA	NA
AMD Ryzen 3 PRO 2200G	8106	427	NA	NA
AMD Ryzen 3 PRO 2200GE	7975	442	NA	NA
AMD Ryzen 3 PRO 2300U	7188	513	NA	NA
AMD Ryzen 5 1400	8379	403	62.08	\$134.99
AMD Ryzen 5 1500X	10081	267	63.01	\$159.99
AMD Ryzen 5 1600	12265	185	68.16	\$179.94
AMD Ryzen 5 1600X	13232	164	78.55	\$168.45
AMD Ryzen 5 2400G	9293	334	58.45	\$158.99
AMD Ryzen 5 2400GE	7574	479	NA	NA
AMD Ryzen 5 2500U	7322	501	NA	NA
AMD Ryzen 5 2600	13530	158	84.57	\$159.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 2600X	14353	134	66.76	\$214.99
AMD Ryzen 5 PRO 1500	10123	261	NA	NA
AMD Ryzen 5 PRO 1600	12213	187	NA	NA
AMD Ryzen 5 PRO 2400G	10046	271	NA	NA
AMD Ryzen 5 PRO 2400GE	9376	327	NA	NA
AMD Ryzen 5 PRO 2500U	8975	362	NA	NA
AMD Ryzen 5 PRO 2600	14645	124	NA	NA
AMD Ryzen 7 1700	13745	150	63.64	\$216.00
AMD Ryzen 7 1700X	14671	123	75.65	\$193.95
AMD Ryzen 7 1800X	15396	107	55.60	\$276.90
AMD Ryzen 7 2700	14987	117	59.95	\$249.99
AMD Ryzen 7 2700U	7410	496	NA	NA
AMD Ryzen 7 2700X	16977	73	50.01	\$339.49
AMD Ryzen 7 PRO 1700	14708	120	NA	NA
AMD Ryzen 7 PRO 1700X	15349	108	NA	NA
AMD Ryzen 7 PRO 2700	15897	98	NA	NA
AMD Ryzen 7 PRO 2700U	9012	359	NA	NA
AMD Ryzen 7 PRO 2700X	17276	68	NA	NA
AMD Ryzen Embedded V1202B	5051	756	NA	NA
AMD Ryzen Embedded V1605B	7667	471	NA	NA
AMD Ryzen Embedded V1807B	7185	514	NA	NA
AMD Ryzen Threadripper 1900X	15874	100	50.18	\$316.38
AMD Ryzen Threadripper 1920X	18961	51	47.40	\$399.99
AMD Ryzen Threadripper 1950X	22071	21	49.05	\$449.99
AMD Ryzen Threadripper 2920X	20262	35	31.17	\$649.99
AMD Ryzen Threadripper 2950X	26061	7	28.96	\$899.99
AMD Ryzen Threadripper 2970WX	17210	69	13.24	\$1,299.99
AMD Ryzen Threadripper 2990WX	24255	14	14.27	\$1,699.99
AMD Ryzen Threadripper 2990X	14324	135	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 130	656	2293	26.29	\$24.99*
AMD Sempron 140	733	2252	18.53	\$39.59*
AMD Sempron 145	807	2225	47.54	\$16.98
AMD Sempron 150	707	2268	15.74	\$44.95
AMD Sempron 200U	267	2657	3.08	\$87.00*
AMD Sempron 210U	391	2501	NA	NA
AMD Sempron 240	2110	1545	36.39	\$58.00
AMD Sempron 2100+	392	2499	NA	NA
AMD Sempron 2200+	281	2641	9.38	\$29.99*
AMD Sempron 2300+	318	2577	7.07	\$45.00*
AMD Sempron 2400+	313	2585	11.62	\$27.00*
AMD Sempron 2500+	335	2560	4.20	\$79.95*
AMD Sempron 2600+	373	2517	10.70	\$34.95
AMD Sempron 2650 APU	939	2154	23.50	\$40.00
AMD Sempron 2800+	383	2506	19.19	\$19.99
AMD Sempron 3000+	409	2472	8.19	\$49.95
AMD Sempron 3100+	452	2427	7.53	\$60.00*
AMD Sempron 3200+	406	2475	31.29	\$13.00*
AMD Sempron 3300+	484	2399	8.07	\$60.00
AMD Sempron 3400+	454	2426	15.18	\$29.91*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 3500+	384	2505	19.23	\$20.00*
AMD Sempron 3600+	487	2391	40.59	\$12.00*
AMD Sempron 3800+	554	2344	26.39	\$21.00*
AMD Sempron 3850 APU	1714	1726	50.43	\$33.99
AMD Sempron Dual Core 2100	936	2155	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2114	NA	NA
AMD Sempron Dual Core 2300	982	2123	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2147	NA	NA
AMD Sempron Dual Core 4900	1081	2064	NA	NA
AMD Sempron LE-250	490	2385	NA	NA
AMD Sempron LE-1100	438	2445	NA	NA
AMD Sempron LE-1150	445	2434	NA	NA
AMD Sempron LE-1200	528	2358	NA	NA
AMD Sempron LE-1250	541	2350	5.41	\$99.95*
AMD Sempron LE-1300	605	2315	30.28	\$20.00
AMD Sempron LE-1600	535	2355	NA	NA
AMD Sempron LE-1620	635	2303	NA	NA
AMD Sempron LE-1640	759	2244	NA	NA
AMD Sempron M100	558	2343	46.58	\$12.00*
AMD Sempron M120	582	2327	NA	NA
AMD Sempron SI-40	443	2437	36.93	\$12.00*
AMD Sempron SI-42	454	2424	15.16	\$30.01
AMD Sempron X2 180	1222	1982	17.62	\$69.40*
AMD Sempron X2 190	1509	1837	18.09	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1875	NA	NA
AMD Turion 64 Mobile MK-36	465	2413	NA	NA
AMD Turion 64 Mobile MK-38	513	2369	NA	NA
AMD Turion 64 Mobile ML-28	390	2502	NA	NA
AMD Turion 64 Mobile ML-30	402	2483	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile ML-32	408	2473	NA	NA
AMD Turion 64 Mobile ML-34	425	2461	NA	NA
AMD Turion 64 Mobile ML-37	442	2438	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2363	NA	NA
AMD Turion 64 Mobile ML-42	615	2311	NA	NA
AMD Turion 64 Mobile ML-44	591	2322	NA	NA
AMD Turion 64 Mobile MT-28	419	2462	NA	NA
AMD Turion 64 Mobile MT-30	378	2509	NA	NA
AMD Turion 64 Mobile MT-32	426	2460	NA	NA
AMD Turion 64 Mobile MT-34	429	2457	NA	NA
AMD Turion 64 Mobile MT-37	484	2398	NA	NA
AMD Turion 64 Mobile MT-40	536	2353	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2249	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	765	2239	NA	NA
AMD Turion 64 X2 Mobile TL-56	887	2185	44.36	\$20.00*
AMD Turion 64 X2 Mobile TL-58	944	2151	NA	NA
AMD Turion 64 X2 Mobile TL-60	994	2117	41.52	\$23.95*
AMD Turion 64 X2 Mobile TL-62	1087	2057	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1110	2040	28.20	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2030	3.02	\$378.00*

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-68	1162	2015	12.92	\$90.00*
AMD Turion Dual-Core RM-70	904	2179	36.16	\$25.00*
AMD Turion Dual-Core RM-72	860	2193	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2099	NA	NA
AMD Turion Dual-Core RM-75	977	2126	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1294	1937	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1929	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1914	NA	NA
AMD Turion II N530 Dual-Core	1583	1806	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1826	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2127	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2000	NA	NA
AMD Turion II Neo N40L Dual-Core	924	2166	NA	NA
AMD Turion II Neo N54L Dual-Core	1376	1894	NA	NA
AMD Turion II P520 Dual-Core	1357	1905	NA	NA
AMD Turion II P540 Dual-Core	1427	1868	28.58	\$49.95*
AMD Turion II P560 Dual-Core	1513	1836	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1409	1877	79.15	\$17.81*
AMD Turion II Ultra Dual-Core Mobile M620	1427	1869	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1758	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1822	NA	NA
AMD Turion Neo X2 Dual Core L625	819	2216	NA	NA
AMD Turion X2 Dual Core L510	923	2168	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2198	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2074	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	997	2111	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2059	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1062	2072	42.57	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1137	2032	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Dual-Core Mobile RM-77	1149	2022	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1014	2101	72.45	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2061	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	1988	94.53	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	1977	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1936	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1267	1959	31.72	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2110	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2090	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1859	NA	NA
AMD V105	299	2605	NA	NA
AMD V120	623	2308	NA	NA
AMD V140	641	2300	12.84	\$49.95*
AMD V160	681	2283	NA	NA
AMD Z-01	523	2362	NA	NA
AMD Z-60 APU	500	2380	NA	NA
AMD-K6 3D	90	2782	NA	NA
AMD-K6-III	108	2779	NA	NA
AMD-K7	403	2482	NA	NA
Athlon 64 Dual Core 3800+	1234	1978	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 4200+	1156	2020	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	1896	NA	NA
Athlon 64 Dual Core 5000+	1507	1838	NA	NA
Athlon 64 Dual Core 5400+	1614	1788	NA	NA
Athlon 64 Dual Core 5600+	1548	1817	NA	NA
Athlon Dual Core 4050e	968	2132	NA	NA
Athlon Dual Core 4450e	1081	2065	NA	NA
Athlon Dual Core 4850e	1327	1919	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1274	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1084	2060	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1168	2011	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1200	1994	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1276	1952	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1991	NA	NA
HP Hexa-Core 2.0GHz	2178	1519	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2199	NA	NA
Intel 1400 @ 1.83GHz	980	2125	NA	NA
Intel 1500 @ 2.00GHz	1024	2093	NA	NA
Intel Atom 230 @ 1.60GHz	307	2591	NA	NA
Intel Atom 330 @ 1.60GHz	587	2325	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2182	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2139	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1557	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2329	1453	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1520	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	999	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1116	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1168	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1408	32.73	\$75.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C3558 @ 2.20GHz	2538	1378	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	798	14.62	\$332.00*
Intel Atom D410 @ 1.66GHz	301	2601	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2553	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2292	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	703	2271	NA	NA
Intel Atom D2500 @ 1.86GHz	404	2480	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2284	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2264	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2205	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2261	NA	NA
Intel Atom E660 @ 1.30GHz	271	2653	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2550	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2566	2.22	\$149.00
Intel Atom E3825 @ 1.33GHz	579	2331	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2387	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2202	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2016	NA	NA
Intel Atom E3845 @ 1.91GHz	1499	1842	NA	NA
Intel Atom E3940 @ 1.60GHz	1889	1647	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom E3950 @ 1.60GHz	1827	1675	NA	NA
Intel Atom K510 @ 1.66GHz	658	2290	NA	NA
Intel Atom N270 @ 1.60GHz	268	2656	NA	NA
Intel Atom N280 @ 1.66GHz	283	2634	NA	NA
Intel Atom N435 @ 1.33GHz	261	2664	NA	NA
Intel Atom N450 @ 1.66GHz	297	2611	NA	NA
Intel Atom N455 @ 1.66GHz	284	2630	NA	NA
Intel Atom N470 @ 1.83GHz	307	2590	NA	NA
Intel Atom N475 @ 1.83GHz	314	2582	NA	NA
Intel Atom N550 @ 1.50GHz	525	2361	6.11	\$86.00*
Intel Atom N570 @ 1.66GHz	574	2335	6.68	\$86.00*
Intel Atom N2100 @ 1.60GHz	305	2594	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2359	NA	NA
Intel Atom N2800 @ 1.86GHz	628	2305	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2172	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1572	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2223	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1623	1783	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1195	1995	8.99	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1017	2098	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1266	1961	60.30	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1695	1742	27.10	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1841	1668	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1900	1635	25.81	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1901	1632	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2733	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2709	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2712	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2640	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z540 @ 1.86GHz	348	2547	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2507	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2688	NA	NA
Intel Atom Z2760 @ 1.80GHz	565	2340	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2173	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2161	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2178	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2176	NA	NA
Intel Atom Z3736F @ 1.33GHz	922	2169	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	2073	NA	NA
Intel Atom Z3740D @ 1.33GHz	1023	2095	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	2069	NA	NA
Intel Atom Z3745D @ 1.33GHz	1034	2086	NA	NA
Intel Atom Z3770 @ 1.46GHz	1243	1975	8.32	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2226	NA	NA
Intel Atom Z3775 @ 1.46GHz	1257	1963	35.92	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1950	NA	NA
Intel Atom Z3795 @ 1.60GHz	1771	1697	NA	NA
Intel Celeron 1.70GHz	130	2772	NA	NA
Intel Celeron 1.80GHz	136	2769	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.00GHz	185	2741	NA	NA
Intel Celeron 2.10GHz	244	2686	NA	NA
Intel Celeron 2.13GHz	208	2720	NA	NA
Intel Celeron 2.20GHz	213	2715	NA	NA
Intel Celeron 2.26GHz	223	2704	NA	NA
Intel Celeron 2.30GHz	227	2701	NA	NA
Intel Celeron 2.40GHz	217	2710	NA	NA
Intel Celeron 2.50GHz	247	2680	NA	NA
Intel Celeron 2.53GHz	245	2684	NA	NA
Intel Celeron 2.60GHz	238	2691	NA	NA
Intel Celeron 2.66GHz	250	2676	NA	NA
Intel Celeron 2.70GHz	245	2685	NA	NA
Intel Celeron 2.80GHz	254	2670	NA	NA
Intel Celeron 2.93GHz	283	2633	NA	NA
Intel Celeron 3.06GHz	284	2629	NA	NA
Intel Celeron 3.20GHz	288	2622	NA	NA
Intel Celeron 3.33GHz	333	2563	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2572	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2575	NA	NA
Intel Celeron 420 @ 1.60GHz	449	2430	11.25	\$39.99
Intel Celeron 430 @ 1.80GHz	490	2386	29.68	\$16.52
Intel Celeron 440 @ 2.00GHz	546	2345	26.02	\$21.01
Intel Celeron 450 @ 2.20GHz	626	2307	20.89	\$29.99
Intel Celeron 530 @ 1.73GHz	468	2410	20.37	\$23.00*
Intel Celeron 540 @ 1.86GHz	513	2368	NA	NA
Intel Celeron 550 @ 2.00GHz	515	2367	15.26	\$33.80
Intel Celeron 560 @ 2.13GHz	535	2354	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2364	NA	NA
Intel Celeron 600MHz	147	2765	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 723 @ 1.20GHz	405	2478	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2456	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2247	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2523	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2312	NA	NA
Intel Celeron 847 @ 1.10GHz	936	2156	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1026	2091	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2027	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2008	39.12	\$29.99
Intel Celeron 877 @ 1.40GHz	1288	1943	NA	NA
Intel Celeron 887 @ 1.50GHz	1274	1953	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2286	23.35	\$28.99
Intel Celeron 925 @ 2.30GHz	692	2276	NA	NA
Intel Celeron 1000M @ 1.80GHz	1675	1754	NA	NA
Intel Celeron 1000MHz	213	2714	NA	NA
Intel Celeron 1005M @ 1.90GHz	1811	1682	NA	NA
Intel Celeron 1007U @ 1.50GHz	1392	1885	7.53	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1519	1831	NA	NA
Intel Celeron 1019Y @ 1.00GHz	926	2162	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1499	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	1735	1717	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1999	NA	NA
Intel Celeron 1066MHz	259	2665	NA	NA
Intel Celeron 1100MHz	174	2751	NA	NA
Intel Celeron 1133MHz	282	2635	NA	NA
Intel Celeron 1200MHz	244	2687	NA	NA
Intel Celeron 1300MHz	288	2624	NA	NA
Intel Celeron 1333MHz	290	2618	NA	NA
Intel Celeron 1400MHz	302	2598	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1444	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1791	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1997	1590	NA	NA
Intel Celeron 2955U @ 1.40GHz	1419	1871	NA	NA
Intel Celeron 2957U @ 1.40GHz	1441	1864	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2041	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1460	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1803	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1810	NA	NA
Intel Celeron 3205U @ 1.50GHz	1520	1827	5.30	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1639	1774	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1737	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1594	NA	NA
Intel Celeron 3855U @ 1.60GHz	1657	1767	NA	NA
Intel Celeron 3865U @ 1.80GHz	1936	1615	NA	NA
Intel Celeron 3955U @ 2.00GHz	1862	1658	NA	NA
Intel Celeron 3965U @ 2.20GHz	2411	1423	22.54	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1619	1784	15.14	\$107.00*
Intel Celeron @ 1.30GHz	965	2134	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2739	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron B720 @ 1.70GHz	814	2221	NA	NA
Intel Celeron B800 @ 1.50GHz	1278	1951	NA	NA
Intel Celeron B810 @ 1.60GHz	1411	1876	NA	NA
Intel Celeron B815 @ 1.60GHz	1366	1898	NA	NA
Intel Celeron B820 @ 1.70GHz	1428	1867	36.35	\$39.29*
Intel Celeron B830 @ 1.80GHz	1520	1829	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1721	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2655	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2599	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2579	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2562	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2479	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2401	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2326	NA	NA
Intel Celeron E1200 @ 1.60GHz	861	2192	3.83	\$225.00
Intel Celeron E1400 @ 2.00GHz	1048	2079	11.66	\$89.95
Intel Celeron E1500 @ 2.20GHz	1172	2009	59.67	\$19.65
Intel Celeron E1600 @ 2.40GHz	1260	1962	NA	NA
Intel Celeron E3200 @ 2.40GHz	1394	1884	26.81	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1382	1889	123.58	\$11.19

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron E3400 @ 2.60GHz	1439	1865	23.90	\$60.23
Intel Celeron E3500 @ 2.70GHz	1454	1858	23.45	\$62.01
Intel Celeron G440 @ 1.60GHz	690	2277	13.81	\$49.99
Intel Celeron G460 @ 1.80GHz	1028	2088	91.94	\$111.19
Intel Celeron G465 @ 1.90GHz	1064	2071	35.48	\$29.99
Intel Celeron G470 @ 2.00GHz	1298	1934	NA	NA
Intel Celeron G530 @ 2.40GHz	2141	1529	53.55	\$39.99
Intel Celeron G530T @ 2.00GHz	1717	1722	NA	NA
Intel Celeron G540 @ 2.50GHz	2205	1508	49.01	\$45.00
Intel Celeron G540T @ 2.10GHz	2114	1542	NA	NA
Intel Celeron G550 @ 2.60GHz	2285	1475	114.34	\$19.99
Intel Celeron G550T @ 2.20GHz	2063	1563	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1420	71.26	\$34.00
Intel Celeron G1101 @ 2.27GHz	1667	1759	118.34	\$14.09
Intel Celeron G1610 @ 2.60GHz	2490	1398	99.65	\$24.99
Intel Celeron G1610T @ 2.30GHz	2303	1463	57.53	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2582	1362	16.81	\$153.59*
Intel Celeron G1620T @ 2.40GHz	2353	1448	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1397	49.89	\$49.99
Intel Celeron G1820 @ 2.70GHz	2757	1307	42.42	\$65.00
Intel Celeron G1820T @ 2.40GHz	2505	1393	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1533	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1375	36.35	\$69.99
Intel Celeron G1840 @ 2.80GHz	2860	1270	39.19	\$72.99
Intel Celeron G1840T @ 2.50GHz	2605	1352	NA	NA
Intel Celeron G1850 @ 2.90GHz	2907	1253	36.35	\$79.99
Intel Celeron G3900 @ 2.80GHz	3149	1175	60.99	\$51.65
Intel Celeron G3900E @ 2.40GHz	2679	1329	NA	NA
Intel Celeron G3900T @ 2.60GHz	2919	1250	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3900TE @ 2.30GHz	2591	1357	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3113	1184	51.91	\$59.97
Intel Celeron G3930 @ 2.90GHz	3038	1208	59.38	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1301	65.87	\$42.00*
Intel Celeron G3950 @ 3.00GHz	3006	1218	42.21	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3284	1130	73.50	\$44.69
Intel Celeron G4900T @ 2.90GHz	2960	1234	NA	NA
Intel Celeron G4920 @ 3.20GHz	3318	1121	39.99	\$82.99
Intel Celeron J1750 @ 2.41GHz	1037	2085	NA	NA
Intel Celeron J1800 @ 2.41GHz	1026	2092	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1789	NA	NA
Intel Celeron J1900 @ 1.99GHz	1850	1663	NA	NA
Intel Celeron J3060 @ 1.60GHz	981	2124	NA	NA
Intel Celeron J3160 @ 1.60GHz	1791	1691	NA	NA
Intel Celeron J3355 @ 2.00GHz	1180	2004	NA	NA
Intel Celeron J3455 @ 1.50GHz	2146	1528	5.65	\$379.99
Intel Celeron J4005 @ 2.00GHz	1601	1796	6.42	\$249.44*
Intel Celeron J4105 @ 1.50GHz	2641	1340	24.69	\$107.00*
Intel Celeron M 1.00GHz	207	2721	16.60	\$12.49
Intel Celeron M 1.30GHz	316	2578	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 1.50GHz	343	2555	NA	NA
Intel Celeron M 1.60GHz	365	2530	NA	NA
Intel Celeron M 1.70GHz	393	2498	NA	NA
Intel Celeron M 360 1.40GHz	327	2569	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2580	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2557	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2526	NA	NA
Intel Celeron M 440 @ 1.86GHz	397	2490	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2672	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2429	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2454	NA	NA
Intel Celeron M 530 @ 1.73GHz	458	2420	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2349	NA	NA
Intel Celeron M 600MHz	151	2763	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2423	NA	NA
Intel Celeron M 900MHz	204	2723	NA	NA
Intel Celeron M 1200MHz	275	2650	NA	NA
Intel Celeron M 1300MHz	303	2596	NA	NA
Intel Celeron M 1500MHz	332	2565	NA	NA
Intel Celeron M ULV 800MHz	184	2744	NA	NA
Intel Celeron N2805 @ 1.46GHz	454	2425	NA	NA
Intel Celeron N2806 @ 1.60GHz	798	2227	NA	NA
Intel Celeron N2807 @ 1.58GHz	850	2201	NA	NA
Intel Celeron N2808 @ 1.58GHz	922	2170	NA	NA
Intel Celeron N2810 @ 2.00GHz	777	2233	5.55	\$139.99*
Intel Celeron N2815 @ 1.86GHz	858	2197	NA	NA
Intel Celeron N2820 @ 2.13GHz	928	2160	4.42	\$209.99
Intel Celeron N2830 @ 2.16GHz	951	2145	NA	NA
Intel Celeron N2840 @ 2.16GHz	1004	2105	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2910 @ 1.60GHz	1203	1993	NA	NA
Intel Celeron N2920 @ 1.86GHz	1499	1841	NA	NA
Intel Celeron N2930 @ 1.83GHz	1628	1780	NA	NA
Intel Celeron N2940 @ 1.83GHz	1735	1716	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2180	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2135	NA	NA
Intel Celeron N3050 @ 1.60GHz	880	2186	7.37	\$119.42*
Intel Celeron N3060 @ 1.60GHz	984	2122	NA	NA
Intel Celeron N3150 @ 1.60GHz	1658	1766	NA	NA
Intel Celeron N3160 @ 1.60GHz	1675	1752	5.84	\$286.99*
Intel Celeron N3350 @ 1.10GHz	1116	2035	NA	NA
Intel Celeron N3450 @ 1.10GHz	1840	1670	11.21	\$164.12
Intel Celeron N4100 @ 1.10GHz	2333	1451	21.81	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1139	2031	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2116	NA	NA
Intel Celeron P4600 @ 2.00GHz	1340	1911	NA	NA
Intel Celeron SU2300 @ 1.20GHz	772	2236	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2146	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2075	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1735	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron U3400 @ 1.07GHz	733	2253	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2280	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2224	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1049	2078	87.56	\$11.99
Intel Core2 Duo E4400 @ 2.00GHz	1157	2019	23.15	\$49.99
Intel Core2 Duo E4500 @ 2.20GHz	1271	1956	31.81	\$39.99
Intel Core2 Duo E4600 @ 2.40GHz	1384	1887	76.98	\$17.99
Intel Core2 Duo E4700 @ 2.60GHz	1483	1849	54.96	\$26.99
Intel Core2 Duo E6300 @ 1.86GHz	1109	2042	85.44	\$12.99
Intel Core2 Duo E6320 @ 1.86GHz	1185	2002	23.71	\$49.99
Intel Core2 Duo E6400 @ 2.13GHz	1290	1942	43.08	\$29.95
Intel Core2 Duo E6420 @ 2.13GHz	1361	1902	27.23	\$49.99
Intel Core2 Duo E6540 @ 2.33GHz	1458	1855	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1499	1843	100.27	\$14.95
Intel Core2 Duo E6600 @ 2.40GHz	1553	1816	103.62	\$14.99
Intel Core2 Duo E6700 @ 2.66GHz	1692	1744	56.44	\$29.99
Intel Core2 Duo E6750 @ 2.66GHz	1714	1725	132.39	\$12.95
Intel Core2 Duo E6850 @ 3.00GHz	1948	1611	38.98	\$49.99
Intel Core2 Duo E7200 @ 2.53GHz	1631	1778	21.75	\$75.00
Intel Core2 Duo E7300 @ 2.66GHz	1726	1718	86.36	\$19.99
Intel Core2 Duo E7400 @ 2.80GHz	1772	1696	61.14	\$28.99
Intel Core2 Duo E7500 @ 2.93GHz	1875	1652	125.11	\$14.99
Intel Core2 Duo E7600 @ 3.06GHz	1972	1600	16.44	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1520	1830	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1746	1708	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1888	1648	37.77	\$49.99
Intel Core2 Duo E8235 @ 2.80GHz	1965	1603	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1447	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1992	1592	99.67	\$19.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8335 @ 2.66GHz	1846	1665	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1537	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2151	1526	239.02	\$9.00
Intel Core2 Duo E8435 @ 3.06GHz	2127	1538	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2282	1478	57.08	\$39.99
Intel Core2 Duo E8600 @ 3.33GHz	2408	1425	48.17	\$49.99
Intel Core2 Duo E8700 @ 3.50GHz	2212	1505	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2240	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2281	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	827	2214	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2203	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	963	2136	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2128	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2034	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	2070	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1318	1922	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	1940	64.62	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	1933	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	1873	35.41	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2149	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P7550 @ 2.26GHz	1516	1835	6.59	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1450	1860	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2096	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1455	1857	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1821	31.24	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1782	42.77	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1711	30.56	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1813	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1765	1699	1.77	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1738	1712	17.56	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1881	1651	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2012	1584	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2324	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1268	1958	5.01	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1753	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	933	2158	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	829	2212	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	834	2209	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	816	2219	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	935	2157	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	912	2175	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	909	2177	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	925	2163	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1045	2081	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1028	2089	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	993	2118	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1092	2054	109.32	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1108	2044	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1195	1996	75.16	\$15.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5870 @ 2.00GHz	1144	2028	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1207	1990	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1225	1981	81.75	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1287	1944	85.87	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1255	1964	32.62	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1362	1900	72.08	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1368	1897	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1018	2097	46.31	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1166	2014	11.67	\$99.95
Intel Core2 Duo T7250 @ 2.00GHz	1111	2039	5.51	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1192	1997	38.48	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1246	1974	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1273	1954	29.62	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1380	1890	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1419	1872	23.68	\$59.95*
Intel Core2 Duo T7800 @ 2.60GHz	1604	1794	2.64	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1297	1935	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1474	1851	13.54	\$108.95
Intel Core2 Duo T9300 @ 2.50GHz	1670	1757	28.80	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1736	1715	24.83	\$69.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T9500 @ 2.60GHz	1796	1688	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1801	1687	6.02	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1621	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2013	1583	4.75	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2130	1535	5.34	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	871	2189	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	582	2328	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	664	2287	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2273	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2195	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1133	2033	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1746	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3651	1039	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3636	1040	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3459	1086	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1870	1655	7.09	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1686	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1917	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1748	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1900	1634	4.64	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2061	1564	2.42	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4164	928	4.84	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4597	844	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4611	837	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	827	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2954	1235	129.01	\$22.90
Intel Core2 Quad Q6700 @ 2.66GHz	3287	1129	73.08	\$44.99
Intel Core2 Quad Q8200 @ 2.33GHz	2812	1284	122.34	\$22.99
Intel Core2 Quad Q8300 @ 2.50GHz	2985	1226	59.73	\$49.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q8400 @ 2.66GHz	3167	1163	13.20	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2528	1382	6.50	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1140	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3162	1167	63.27	\$49.99
Intel Core2 Quad Q9400 @ 2.66GHz	3346	1115	98.45	\$33.99
Intel Core2 Quad Q9450 @ 2.66GHz	3761	1011	11.23	\$335.00
Intel Core2 Quad Q9500 @ 2.83GHz	3546	1067	101.35	\$34.99
Intel Core2 Quad Q9505 @ 2.83GHz	3569	1057	18.79	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3972	962	81.09	\$48.99
Intel Core2 Quad Q9650 @ 3.00GHz	4169	925	77.22	\$53.99
Intel Core2 Quad Q9705 @ 3.16GHz	3947	967	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	350	2545	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2587	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2464	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	467	2411	NA	NA
Intel Core 330 @ 1.60GHz	643	2297	NA	NA
Intel Core 860 @ 2.80GHz	4555	851	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2262	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2265	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2257	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2050 @ 1.60GHz	694	2274	NA	NA
Intel Core Duo T2250 @ 1.73GHz	758	2245	NA	NA
Intel Core Duo T2300 @ 1.66GHz	729	2256	NA	NA
Intel Core Duo T2350 @ 1.86GHz	760	2241	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2229	49.63	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2215	NA	NA
Intel Core Duo T2500 @ 2.00GHz	868	2191	7.24	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	941	2153	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2094	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2348	NA	NA
Intel Core Duo U2500 @ 1.20GHz	512	2370	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1617	NA	NA
Intel Core i3-330M @ 2.13GHz	1791	1690	36.89	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1071	2068	NA	NA
Intel Core i3-350M @ 2.27GHz	1893	1641	42.99	\$44.05
Intel Core i3-370M @ 2.40GHz	2016	1581	50.47	\$39.96*
Intel Core i3-380M @ 2.53GHz	2094	1552	42.75	\$49.00*
Intel Core i3-380UM @ 1.33GHz	1168	2012	NA	NA
Intel Core i3-390M @ 2.67GHz	2180	1517	55.99	\$38.95*
Intel Core i3-530 @ 2.93GHz	2569	1368	128.47	\$20.00
Intel Core i3-540 @ 3.07GHz	2688	1328	128.03	\$21.00
Intel Core i3-550 @ 3.20GHz	2828	1277	16.07	\$176.00
Intel Core i3-560 @ 3.33GHz	2943	1238	98.18	\$29.98
Intel Core i3-2100 @ 3.10GHz	3688	1034	61.48	\$59.99
Intel Core i3-2100T @ 2.50GHz	2941	1240	49.04	\$59.99
Intel Core i3-2102 @ 3.10GHz	3736	1020	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3704	1026	46.32	\$79.99
Intel Core i3-2120 @ 3.30GHz	3924	976	130.82	\$30.00
Intel Core i3-2120T @ 2.60GHz	3160	1171	10.69	\$295.59
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2125 @ 3.30GHz	4025	950	20.23	\$199.00
Intel Core i3-2130 @ 3.40GHz	4062	943	52.08	\$78.00
Intel Core i3-2140 @ 3.50GHz	4325	899	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1273	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2428	1416	62.59	\$38.81
Intel Core i3-2312M @ 2.10GHz	2381	1435	NA	NA
Intel Core i3-2328M @ 2.20GHz	2532	1380	27.24	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1196	NA	NA
Intel Core i3-2330M @ 2.20GHz	2522	1385	14.82	\$170.20
Intel Core i3-2332M @ 2.20GHz	2382	1434	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1720	NA	NA
Intel Core i3-2348M @ 2.30GHz	2619	1349	NA	NA
Intel Core i3-2350M @ 2.30GHz	2619	1348	62.42	\$41.97*
Intel Core i3-2357M @ 1.30GHz	1556	1815	NA	NA
Intel Core i3-2365M @ 1.40GHz	1681	1750	NA	NA
Intel Core i3-2367M @ 1.40GHz	1704	1734	NA	NA
Intel Core i3-2370M @ 2.40GHz	2776	1298	69.75	\$39.81
Intel Core i3-2375M @ 1.50GHz	1780	1693	NA	NA
Intel Core i3-2377M @ 1.50GHz	1820	1679	NA	NA
Intel Core i3-3110M @ 2.40GHz	3077	1195	38.49	\$79.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3120M @ 2.50GHz	3219	1150	23.16	\$139.00
Intel Core i3-3130M @ 2.60GHz	3405	1095	NA	NA
Intel Core i3-3210 @ 3.20GHz	4032	948	40.33	\$99.99
Intel Core i3-3217U @ 1.80GHz	2302	1466	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1522	NA	NA
Intel Core i3-3220 @ 3.30GHz	4237	915	65.70	\$64.49
Intel Core i3-3220T @ 2.80GHz	3698	1030	36.99	\$99.99
Intel Core i3-3225 @ 3.30GHz	4336	894	43.37	\$99.99
Intel Core i3-3227U @ 1.90GHz	2466	1406	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1693	1743	NA	NA
Intel Core i3-3240 @ 3.40GHz	4311	902	106.87	\$40.34
Intel Core i3-3240T @ 2.90GHz	3686	1035	NA	NA
Intel Core i3-3245 @ 3.40GHz	4429	872	55.37	\$79.99
Intel Core i3-3250 @ 3.50GHz	4446	869	46.81	\$94.99
Intel Core i3-3250T @ 3.00GHz	3021	1211	NA	NA
Intel Core i3-4000M @ 2.40GHz	3241	1141	16.21	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2446	1412	NA	NA
Intel Core i3-4010U @ 1.70GHz	2436	1415	19.60	\$124.31*
Intel Core i3-4010Y @ 1.30GHz	1900	1636	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2158	1523	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2213	1504	NA	NA
Intel Core i3-4025U @ 1.90GHz	2779	1297	NA	NA
Intel Core i3-4030U @ 1.90GHz	2706	1322	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1391	NA	NA
Intel Core i3-4100M @ 2.50GHz	3465	1085	15.86	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	982	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1259	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1203	NA	NA
Intel Core i3-4130 @ 3.40GHz	4796	807	34.26	\$139.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4130T @ 2.90GHz	4140	933	46.53	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4894	788	30.40	\$160.98
Intel Core i3-4150T @ 3.00GHz	4267	909	18.56	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1251	NA	NA
Intel Core i3-4160 @ 3.60GHz	5057	755	36.13	\$139.99
Intel Core i3-4160T @ 3.10GHz	4416	878	29.64	\$148.99
Intel Core i3-4170 @ 3.70GHz	5188	730	34.59	\$149.99
Intel Core i3-4170T @ 3.20GHz	4541	855	21.63	\$209.95
Intel Core i3-4330 @ 3.50GHz	5096	744	28.31	\$179.99
Intel Core i3-4330T @ 3.00GHz	4486	865	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1155	NA	NA
Intel Core i3-4340 @ 3.60GHz	5240	725	31.01	\$168.99
Intel Core i3-4350 @ 3.60GHz	4963	776	29.37	\$168.99
Intel Core i3-4350T @ 3.10GHz	4302	903	NA	NA
Intel Core i3-4360 @ 3.70GHz	5460	689	19.51	\$279.95*
Intel Core i3-4360T @ 3.20GHz	4636	830	NA	NA
Intel Core i3-4370 @ 3.80GHz	5599	671	12.44	\$449.97
Intel Core i3-4370T @ 3.30GHz	4855	797	35.18	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	782	NA	NA
Intel Core i3-5005U @ 2.00GHz	2902	1258	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	3048	1206	10.03	\$303.93*
Intel Core i3-5015U @ 2.10GHz	3040	1207	NA	NA
Intel Core i3-5020U @ 2.20GHz	3181	1160	6.93	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3661	1038	NA	NA
Intel Core i3-6006U @ 2.00GHz	3090	1189	NA	NA
Intel Core i3-6098P @ 3.60GHz	5415	700	40.49	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5490	684	32.81	\$167.33
Intel Core i3-6100E @ 2.70GHz	3769	1008	NA	NA
Intel Core i3-6100H @ 2.70GHz	4246	914	NA	NA
Intel Core i3-6100T @ 3.20GHz	4856	795	25.56	\$189.99
Intel Core i3-6100TE @ 2.70GHz	4337	893	NA	NA
Intel Core i3-6100U @ 2.30GHz	3602	1045	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	991	NA	NA
Intel Core i3-6300 @ 3.80GHz	5850	641	40.91	\$142.99
Intel Core i3-6300T @ 3.30GHz	5249	723	29.16	\$179.99
Intel Core i3-6320 @ 3.90GHz	6047	620	37.80	\$159.99
Intel Core i3-7020U @ 2.30GHz	3551	1062	12.64	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5781	646	41.00	\$141.01
Intel Core i3-7100H @ 3.00GHz	4768	810	21.19	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5049	757	56.73	\$89.00*
Intel Core i3-7100U @ 2.40GHz	3790	1002	11.22	\$337.98*
Intel Core i3-7101TE @ 3.40GHz	5016	764	42.88	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4031	949	14.35	\$281.00*
Intel Core i3-7300 @ 4.00GHz	6436	583	35.40	\$181.82
Intel Core i3-7300T @ 3.50GHz	5369	705	27.48	\$195.41*
Intel Core i3-7320 @ 4.10GHz	6541	572	34.06	\$192.05
Intel Core i3-7350K @ 4.20GHz	6623	567	34.47	\$192.12
Intel Core i3-8100 @ 3.60GHz	8074	429	64.65	\$124.89
Intel Core i3-8100T @ 3.10GHz	7468	486	53.73	\$139.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8109U @ 3.00GHz	6185	605	NA	NA
Intel Core i3-8130U @ 2.20GHz	5030	762	17.90	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5721	656	20.36	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8663	391	46.51	\$186.27*
Intel Core i3-8300T @ 3.20GHz	7650	473	45.78	\$167.11
Intel Core i3-8350K @ 4.00GHz	9248	338	47.21	\$195.90
Intel Core i5 750S @ 2.40GHz	2197	1513	21.97	\$99.99
Intel Core i5 E 520 @ 2.40GHz	2486	1400	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3584	1053	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3737	1019	NA	NA
Intel Core i5-430M @ 2.27GHz	2100	1550	15.01	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1339	1912	NA	NA
Intel Core i5-450M @ 2.40GHz	2117	1541	66.26	\$31.95*
Intel Core i5-460M @ 2.53GHz	2325	1454	31.03	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	2066	NA	NA
Intel Core i5-480M @ 2.67GHz	2405	1427	29.85	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1494	NA	NA
Intel Core i5-520M @ 2.40GHz	2369	1441	23.70	\$99.99
Intel Core i5-520UM @ 1.07GHz	1356	1906	NA	NA
Intel Core i5-540M @ 2.53GHz	2449	1411	12.89	\$189.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-540UM @ 1.20GHz	1374	1895	NA	NA
Intel Core i5-560M @ 2.67GHz	2588	1358	28.77	\$89.97*
Intel Core i5-560UM @ 1.33GHz	1664	1761	NA	NA
Intel Core i5-580M @ 2.67GHz	2626	1345	23.89	\$109.95*
Intel Core i5-650 @ 3.20GHz	3102	1187	31.03	\$99.99
Intel Core i5-655K @ 3.20GHz	3399	1100	56.67	\$59.99
Intel Core i5-660 @ 3.33GHz	3247	1138	66.27	\$49.00
Intel Core i5-661 @ 3.33GHz	3182	1159	31.82	\$99.99
Intel Core i5-670 @ 3.47GHz	3310	1125	36.79	\$89.99
Intel Core i5-680 @ 3.60GHz	3513	1072	39.05	\$89.99
Intel Core i5-750 @ 2.67GHz	3694	1032	17.65	\$209.29*
Intel Core i5-760 @ 2.80GHz	3889	978	48.63	\$79.99
Intel Core i5-2300 @ 2.80GHz	5346	710	66.84	\$79.99
Intel Core i5-2310 @ 2.90GHz	5536	680	69.22	\$79.98
Intel Core i5-2320 @ 3.00GHz	5757	651	22.15	\$259.95
Intel Core i5-2380P @ 3.10GHz	5695	660	63.29	\$89.99
Intel Core i5-2390T @ 2.70GHz	4262	910	42.66	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5958	628	79.46	\$74.99
Intel Core i5-2400S @ 2.50GHz	4963	777	75.55	\$65.70
Intel Core i5-2405S @ 2.50GHz	5065	752	30.81	\$164.40*
Intel Core i5-2410M @ 2.30GHz	3166	1166	40.56	\$78.07*
Intel Core i5-2415M @ 2.30GHz	3299	1127	NA	NA
Intel Core i5-2430M @ 2.40GHz	3280	1131	39.00	\$84.11*
Intel Core i5-2435M @ 2.40GHz	3239	1144	NA	NA
Intel Core i5-2450M @ 2.50GHz	3397	1103	38.59	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6144	610	68.28	\$89.99
Intel Core i5-2467M @ 1.60GHz	2335	1450	NA	NA
Intel Core i5-2500 @ 3.30GHz	6329	596	71.12	\$88.99
Intel Core i5-2500K @ 3.30GHz	6476	580	52.23	\$123.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2500S @ 2.70GHz	5313	716	70.86	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4608	839	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	1036	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1123	NA	NA
Intel Core i5-2520M @ 2.50GHz	3587	1051	21.15	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2095	1551	NA	NA
Intel Core i5-2540M @ 2.60GHz	3782	1006	60.08	\$62.95
Intel Core i5-2550K @ 3.40GHz	6666	562	51.69	\$128.99
Intel Core i5-2557M @ 1.70GHz	2671	1332	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1014	NA	NA
Intel Core i5-3210M @ 2.50GHz	3823	994	31.68	\$120.68*
Intel Core i5-3230M @ 2.60GHz	3938	972	15.78	\$249.65*
Intel Core i5-3317U @ 1.70GHz	3088	1190	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4113	938	33.51	\$122.74*
Intel Core i5-3330 @ 3.00GHz	5935	632	19.15	\$309.99
Intel Core i5-3330S @ 2.70GHz	5672	664	59.71	\$94.99
Intel Core i5-3335S @ 2.70GHz	5788	645	NA	NA
Intel Core i5-3337U @ 1.80GHz	3223	1146	14.33	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2203	1510	NA	NA
Intel Core i5-3340 @ 3.10GHz	6089	616	23.24	\$262.01

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3340M @ 2.70GHz	4253	912	53.21	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	642	39.24	\$148.99
Intel Core i5-3350P @ 3.10GHz	6145	609	40.97	\$149.99
Intel Core i5-3360M @ 2.80GHz	4424	875	47.68	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4428	874	NA	NA
Intel Core i5-3427U @ 1.80GHz	3548	1064	8.45	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3634	1041	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1244	NA	NA
Intel Core i5-3450 @ 3.10GHz	6523	574	51.37	\$126.99
Intel Core i5-3450S @ 2.80GHz	6210	601	62.11	\$99.99
Intel Core i5-3470 @ 3.20GHz	6698	559	63.61	\$105.32
Intel Core i5-3470S @ 2.90GHz	6359	595	44.79	\$142.00
Intel Core i5-3470T @ 2.90GHz	4480	866	14.50	\$308.95
Intel Core i5-3475S @ 2.90GHz	6612	569	46.08	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6944	537	21.05	\$329.95*
Intel Core i5-3550S @ 3.00GHz	6910	542	20.27	\$341.01*
Intel Core i5-3570 @ 3.40GHz	7108	520	50.78	\$139.99
Intel Core i5-3570K @ 3.40GHz	7171	516	50.15	\$142.99
Intel Core i5-3570S @ 3.10GHz	6746	556	23.67	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5901	635	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3786	1005	NA	NA
Intel Core i5-4200H @ 2.80GHz	4432	871	NA	NA
Intel Core i5-4200M @ 2.50GHz	4035	946	22.42	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3290	1128	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1426	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2256	1489	NA	NA
Intel Core i5-4210H @ 2.90GHz	4535	860	NA	NA
Intel Core i5-4210M @ 2.60GHz	4195	919	13.53	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3402	1098	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4210Y @ 1.50GHz	2380	1436	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1488	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1257	NA	NA
Intel Core i5-4250U @ 1.30GHz	3454	1087	9.62	\$358.99*
Intel Core i5-4258U @ 2.40GHz	4078	940	NA	NA
Intel Core i5-4260U @ 1.40GHz	3557	1060	NA	NA
Intel Core i5-4278U @ 2.60GHz	4362	888	NA	NA
Intel Core i5-4288U @ 2.60GHz	4355	890	NA	NA
Intel Core i5-4300M @ 2.60GHz	4406	879	NA	NA
Intel Core i5-4300U @ 1.90GHz	3741	1018	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2484	1401	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2967	1231	NA	NA
Intel Core i5-4308U @ 2.80GHz	4190	921	NA	NA
Intel Core i5-4310M @ 2.70GHz	4627	834	NA	NA
Intel Core i5-4310U @ 2.00GHz	3747	1016	NA	NA
Intel Core i5-4330M @ 2.80GHz	4461	868	16.23	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4810	804	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1044	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	854	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	968	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4422E @ 1.80GHz	2806	1287	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6320	597	36.39	\$173.70
Intel Core i5-4430S @ 2.70GHz	5906	634	37.15	\$158.99
Intel Core i5-4440 @ 3.10GHz	6498	576	38.23	\$169.99
Intel Core i5-4440S @ 2.80GHz	6212	600	13.42	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6710	558	39.47	\$169.99
Intel Core i5-4460S @ 2.90GHz	6402	592	9.70	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4942	781	NA	NA
Intel Core i5-4570 @ 3.20GHz	7124	519	54.81	\$129.99
Intel Core i5-4570R @ 2.70GHz	6755	553	NA	NA
Intel Core i5-4570S @ 2.90GHz	6788	548	31.72	\$213.99
Intel Core i5-4570T @ 2.90GHz	4827	800	32.40	\$148.99
Intel Core i5-4570TE @ 2.70GHz	3827	993	19.24	\$198.99
Intel Core i5-4590 @ 3.30GHz	7305	505	66.06	\$110.59
Intel Core i5-4590S @ 3.00GHz	7021	531	35.83	\$195.99
Intel Core i5-4590T @ 2.00GHz	5602	670	NA	NA
Intel Core i5-4670 @ 3.40GHz	7443	489	43.53	\$171.00
Intel Core i5-4670K @ 3.40GHz	7632	474	30.53	\$249.99
Intel Core i5-4670K CPT @ 3.40GHz	7411	495	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	494	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	6436	584	NA	NA
Intel Core i5-4670T @ 2.30GHz	6206	602	29.14	\$213.00*
Intel Core i5-4690 @ 3.50GHz	7660	472	42.56	\$179.99
Intel Core i5-4690K @ 3.50GHz	7797	455	38.99	\$199.99
Intel Core i5-4690S @ 3.20GHz	7435	490	27.54	\$269.94*
Intel Core i5-4690T @ 2.50GHz	6478	579	NA	NA
Intel Core i5-5200U @ 2.20GHz	3486	1079	NA	NA
Intel Core i5-5250U @ 1.60GHz	3585	1052	8.11	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4401	880	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-5287U @ 2.90GHz	4681	822	NA	NA
Intel Core i5-5300U @ 2.30GHz	3807	998	7.38	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3517	1071	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	491	NA	NA
Intel Core i5-5675C @ 3.10GHz	8199	418	20.50	\$399.99
Intel Core i5-5675R @ 3.10GHz	8054	432	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4164	926	NA	NA
Intel Core i5-6200U @ 2.30GHz	4015	951	NA	NA
Intel Core i5-6260U @ 1.80GHz	4362	889	8.41	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4989	772	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	813	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6078	618	NA	NA
Intel Core i5-6300U @ 2.40GHz	4370	886	NA	NA
Intel Core i5-6360U @ 2.00GHz	4880	789	NA	NA
Intel Core i5-6400 @ 2.70GHz	6765	552	34.00	\$199.00
Intel Core i5-6400T @ 2.20GHz	5598	672	28.42	\$197.00
Intel Core i5-6402P @ 2.80GHz	7092	522	37.33	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	647	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6784	550	NA	NA
Intel Core i5-6500 @ 3.20GHz	7240	508	30.89	\$234.38

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6500T @ 2.50GHz	6273	598	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6478	578	30.85	\$209.99
Intel Core i5-6600 @ 3.30GHz	7763	459	35.29	\$219.99
Intel Core i5-6600K @ 3.50GHz	8056	430	27.98	\$287.99
Intel Core i5-6600T @ 2.70GHz	7310	504	41.78	\$174.99
Intel Core i5-7200U @ 2.50GHz	4617	835	NA	NA
Intel Core i5-7260U @ 2.20GHz	5676	663	NA	NA
Intel Core i5-7267U @ 3.10GHz	5098	743	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	666	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6804	547	NA	NA
Intel Core i5-7300U @ 2.60GHz	5188	731	11.28	\$459.99
Intel Core i5-7360U @ 2.30GHz	5957	629	NA	NA
Intel Core i5-7400 @ 3.00GHz	7352	499	37.06	\$198.40
Intel Core i5-7400T @ 2.40GHz	6427	587	19.13	\$335.99
Intel Core i5-7440HQ @ 2.80GHz	7701	466	NA	NA
Intel Core i5-7500 @ 3.40GHz	8020	434	35.88	\$223.56
Intel Core i5-7500T @ 2.70GHz	7037	529	31.60	\$222.71
Intel Core i5-7600 @ 3.50GHz	8771	381	37.10	\$236.45
Intel Core i5-7600K @ 3.80GHz	9130	346	32.89	\$277.65
Intel Core i5-7600T @ 2.80GHz	8097	428	31.00	\$261.25
Intel Core i5-7640X @ 4.00GHz	9605	306	37.35	\$257.18
Intel Core i5-8250U @ 1.60GHz	7670	470	NA	NA
Intel Core i5-8259U @ 2.30GHz	10959	219	NA	NA
Intel Core i5-8265U @ 1.60GHz	8181	420	27.55	\$297.00*
Intel Core i5-8300H @ 2.30GHz	9448	320	37.80	\$250.00*
Intel Core i5-8305G @ 2.80GHz	9152	343	NA	NA
Intel Core i5-8350U @ 1.70GHz	8228	415	27.71	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11662	201	43.11	\$270.55
Intel Core i5-8400H @ 2.50GHz	10498	240	41.99	\$250.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8400T @ 1.70GHz	9659	302	46.22	\$209.00
Intel Core i5-8500 @ 3.00GHz	11911	198	49.84	\$239.00
Intel Core i5-8500T @ 2.10GHz	10035	273	45.96	\$218.34*
Intel Core i5-8600 @ 3.10GHz	12639	177	51.70	\$244.47*
Intel Core i5-8600K @ 3.60GHz	12785	173	51.14	\$249.99
Intel Core i5-8600T @ 2.30GHz	10913	221	29.18	\$373.99*
Intel Core i5-9600K @ 3.70GHz	13505	160	48.60	\$277.89
Intel Core i5-24050S @ 2.50GHz	4928	784	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3764	1010	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1602	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1374	NA	NA
Intel Core i7-620LM @ 2.00GHz	1954	1609	NA	NA
Intel Core i7-620M @ 2.67GHz	2723	1318	24.76	\$110.01
Intel Core i7-620UM @ 1.07GHz	1323	1920	NA	NA
Intel Core i7-640LM @ 2.13GHz	2265	1486	NA	NA
Intel Core i7-640M @ 2.80GHz	2832	1275	14.17	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1658	1765	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1709	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1729	NA	NA
Intel Core i7-720QM @ 1.60GHz	3012	1215	27.39	\$109.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-740QM @ 1.73GHz	3199	1156	29.10	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3227	1145	23.22	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3402	1097	11.73	\$289.97*
Intel Core i7-860 @ 2.80GHz	5009	768	17.28	\$289.95
Intel Core i7-860S @ 2.53GHz	4711	817	23.67	\$198.99
Intel Core i7-870 @ 2.93GHz	5341	712	53.96	\$98.99
Intel Core i7-870S @ 2.67GHz	4969	774	NA	NA
Intel Core i7-875K @ 2.93GHz	5429	696	27.15	\$199.99
Intel Core i7-880 @ 3.07GHz	5595	674	9.60	\$583.00*
Intel Core i7-920 @ 2.67GHz	4925	785	28.31	\$174.00
Intel Core i7-920XM @ 2.00GHz	3753	1013	9.38	\$399.95*
Intel Core i7-930 @ 2.80GHz	5143	736	85.74	\$59.99*
Intel Core i7-940 @ 2.93GHz	5355	708	75.75	\$70.70
Intel Core i7-940XM @ 2.13GHz	3945	970	NA	NA
Intel Core i7-950 @ 3.07GHz	5556	678	16.84	\$329.99*
Intel Core i7-960 @ 3.20GHz	5814	644	58.15	\$99.99
Intel Core i7-965 @ 3.20GHz	5856	638	41.83	\$139.99
Intel Core i7-970 @ 3.20GHz	8375	404	55.85	\$149.98
Intel Core i7-975 @ 3.33GHz	6132	611	9.35	\$656.01
Intel Core i7-980 @ 3.33GHz	8665	390	43.33	\$199.98
Intel Core i7-980X @ 3.33GHz	8786	378	39.94	\$219.98
Intel Core i7-985 @ 3.47GHz	6641	564	NA	NA
Intel Core i7-990X @ 3.47GHz	9086	351	25.96	\$349.99
Intel Core i7-995X @ 3.60GHz	9791	290	NA	NA
Intel Core i7-2600 @ 3.40GHz	8194	419	55.00	\$148.99
Intel Core i7-2600K @ 3.40GHz	8444	400	44.45	\$189.99
Intel Core i7-2600S @ 2.80GHz	7073	525	35.54	\$198.99
Intel Core i7-2610UE @ 1.50GHz	2481	1403	NA	NA
Intel Core i7-2617M @ 1.50GHz	2818	1281	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2620M @ 2.70GHz	3837	989	22.60	\$169.81
Intel Core i7-2630QM @ 2.00GHz	5531	682	51.10	\$108.24*
Intel Core i7-2630UM @ 1.60GHz	2584	1360	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5456	690	NA	NA
Intel Core i7-2637M @ 1.70GHz	2909	1252	NA	NA
Intel Core i7-2640M @ 2.80GHz	3936	973	21.17	\$185.97*
Intel Core i7-2655LE @ 2.20GHz	3161	1169	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5887	636	22.73	\$259.00*
Intel Core i7-2675QM @ 2.20GHz	5533	681	NA	NA
Intel Core i7-2677M @ 1.80GHz	2828	1276	NA	NA
Intel Core i7-2700K @ 3.50GHz	8715	383	43.58	\$199.99
Intel Core i7-2710QE @ 2.10GHz	5768	649	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	706	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6113	613	32.18	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6578	571	47.00	\$139.95
Intel Core i7-2820QM @ 2.30GHz	6634	565	18.64	\$355.95
Intel Core i7-2840QM @ 2.40GHz	6766	551	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6991	533	11.65	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7038	528	11.56	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7224	510	17.62	\$409.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3517U @ 1.90GHz	3589	1050	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1119	NA	NA
Intel Core i7-3520M @ 2.90GHz	4541	856	19.33	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3844	987	NA	NA
Intel Core i7-3540M @ 3.00GHz	4661	826	10.84	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	4130	934	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	582	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7467	487	18.67	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6622	568	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6829	546	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	500	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7379	498	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7585	478	31.74	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6941	538	20.72	\$335.00*
Intel Core i7-3635QM @ 2.40GHz	6671	561	NA	NA
Intel Core i7-3667U @ 2.00GHz	3986	959	NA	NA
Intel Core i7-3687U @ 2.10GHz	4183	923	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1148	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8125	426	22.63	\$359.00
Intel Core i7-3740QM @ 2.70GHz	8329	407	34.71	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9289	335	58.06	\$159.99
Intel Core i7-3770K @ 3.50GHz	9519	310	38.23	\$248.98
Intel Core i7-3770S @ 3.10GHz	8879	370	80.73	\$109.99
Intel Core i7-3770T @ 2.50GHz	8203	417	24.86	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9000	361	45.00	\$199.99
Intel Core i7-3820QM @ 2.70GHz	8443	401	17.34	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8782	379	26.22	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9149	344	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11988	194	30.05	\$398.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3940XM @ 3.00GHz	9309	333	17.27	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12609	179	15.76	\$799.99
Intel Core i7-3970X @ 3.50GHz	12671	176	13.92	\$909.99*
Intel Core i7-4500U @ 1.80GHz	3790	1003	NA	NA
Intel Core i7-4510U @ 2.00GHz	3929	975	NA	NA
Intel Core i7-4550U @ 1.50GHz	3713	1024	NA	NA
Intel Core i7-4558U @ 2.80GHz	4378	885	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	896	NA	NA
Intel Core i7-4578U @ 3.00GHz	4758	812	NA	NA
Intel Core i7-4600M @ 2.90GHz	4877	790	NA	NA
Intel Core i7-4600U @ 2.10GHz	4106	939	NA	NA
Intel Core i7-4610M @ 3.00GHz	4981	773	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1017	NA	NA
Intel Core i7-4650U @ 1.70GHz	3967	964	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	515	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7727	464	20.18	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7690	467	40.69	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7486	485	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7136	517	21.22	\$336.25*
Intel Core i7-4710HQ @ 2.50GHz	7733	462	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4710MQ @ 2.50GHz	7997	440	29.45	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7506	483	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7198	512	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8001	438	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	433	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8258	412	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	396	NA	NA
Intel Core i7-4765T @ 2.00GHz	7312	503	18.28	\$399.99
Intel Core i7-4770 @ 3.40GHz	9786	292	40.78	\$239.99
Intel Core i7-4770HQ @ 2.20GHz	8948	366	NA	NA
Intel Core i7-4770K @ 3.50GHz	10091	263	35.41	\$284.99
Intel Core i7-4770R @ 3.20GHz	9819	288	NA	NA
Intel Core i7-4770S @ 3.10GHz	9335	329	37.34	\$249.99
Intel Core i7-4770T @ 2.50GHz	8624	394	21.56	\$399.99
Intel Core i7-4770TE @ 2.30GHz	6732	557	NA	NA
Intel Core i7-4771 @ 3.50GHz	9873	285	32.91	\$299.99
Intel Core i7-4785T @ 2.20GHz	7608	477	NA	NA
Intel Core i7-4790 @ 3.60GHz	9990	278	35.81	\$278.99
Intel Core i7-4790K @ 4.00GHz	11181	207	36.42	\$306.99
Intel Core i7-4790S @ 3.20GHz	9573	308	23.99	\$398.99
Intel Core i7-4790T @ 2.70GHz	9094	350	25.33	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8493	398	16.66	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8649	392	20.35	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9721	298	16.34	\$594.96
Intel Core i7-4850HQ @ 2.30GHz	9016	358	20.78	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7875	447	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9265	337	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9362	328	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9027	356	15.39	\$586.67*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4910MQ @ 2.90GHz	9400	326	20.44	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13016	167	21.72	\$599.39
Intel Core i7-4930MX @ 3.00GHz	9485	312	8.65	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9905	281	16.24	\$609.95*
Intel Core i7-4960HQ @ 2.60GHz	9777	294	15.69	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13792	148	17.91	\$769.99
Intel Core i7-4980HQ @ 2.80GHz	10253	252	NA	NA
Intel Core i7-5500U @ 2.40GHz	3970	963	NA	NA
Intel Core i7-5550U @ 2.00GHz	4271	908	NA	NA
Intel Core i7-5557U @ 3.10GHz	4943	780	7.01	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4312	901	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	916	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	421	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	413	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8368	405	NA	NA
Intel Core i7-5775C @ 3.30GHz	10992	218	24.43	\$449.99
Intel Core i7-5775R @ 3.30GHz	10863	222	NA	NA
Intel Core i7-5820K @ 3.30GHz	12989	168	43.30	\$299.99
Intel Core i7-5850EQ @ 2.70GHz	9817	289	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	318	21.80	\$434.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5930K @ 3.50GHz	13633	153	27.32	\$498.98
Intel Core i7-5950HQ @ 2.90GHz	10932	220	NA	NA
Intel Core i7-5960X @ 3.00GHz	15946	96	20.71	\$769.99
Intel Core i7-6498DU @ 2.50GHz	4538	859	NA	NA
Intel Core i7-6500U @ 2.50GHz	4428	873	NA	NA
Intel Core i7-6560U @ 2.20GHz	4820	801	NA	NA
Intel Core i7-6567U @ 3.30GHz	5648	667	NA	NA
Intel Core i7-6600U @ 2.60GHz	4802	806	NA	NA
Intel Core i7-6650U @ 2.20GHz	4953	778	NA	NA
Intel Core i7-6700 @ 3.40GHz	10008	276	27.05	\$370.00
Intel Core i7-6700HQ @ 2.60GHz	8133	424	21.52	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11112	210	33.88	\$328.00
Intel Core i7-6700T @ 2.80GHz	9037	355	25.46	\$355.00*
Intel Core i7-6700TE @ 2.40GHz	8696	386	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9719	299	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13592	157	32.36	\$419.99
Intel Core i7-6820EQ @ 2.80GHz	8968	363	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9117	348	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8780	380	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	588	NA	NA
Intel Core i7-6850K @ 3.60GHz	14370	133	26.13	\$549.99
Intel Core i7-6900K @ 3.20GHz	17695	63	14.76	\$1,198.99
Intel Core i7-6920HQ @ 2.90GHz	9619	305	16.93	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19970	40	12.67	\$1,575.99
Intel Core i7-7500U @ 2.70GHz	5170	734	NA	NA
Intel Core i7-7560U @ 2.40GHz	5861	637	NA	NA
Intel Core i7-7567U @ 3.50GHz	6502	575	NA	NA
Intel Core i7-7600U @ 2.80GHz	5189	729	NA	NA
Intel Core i7-7660U @ 2.50GHz	6033	623	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7700 @ 3.60GHz	10748	226	34.86	\$308.35
Intel Core i7-7700HQ @ 2.80GHz	8840	375	NA	NA
Intel Core i7-7700K @ 4.20GHz	12038	192	34.40	\$350.00
Intel Core i7-7700T @ 2.90GHz	9189	339	23.03	\$399.00
Intel Core i7-7740X @ 4.30GHz	12255	186	34.33	\$356.99
Intel Core i7-7800X @ 3.50GHz	14549	127	40.20	\$361.97
Intel Core i7-7820HK @ 2.90GHz	10042	272	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9334	330	24.70	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18541	55	28.88	\$642.05
Intel Core i7-7900X @ 3.30GHz	20046	39	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10067	268	NA	NA
Intel Core i7-8086K @ 4.00GHz	16822	75	30.42	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3590	1049	9.14	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8329	408	NA	NA
Intel Core i7-8559U @ 2.70GHz	11987	195	NA	NA
Intel Core i7-8565U @ 1.80GHz	9154	342	NA	NA
Intel Core i7-8650U @ 1.90GHz	8857	372	NA	NA
Intel Core i7-8700 @ 3.20GHz	15136	114	35.20	\$430.00
Intel Core i7-8700K @ 3.70GHz	15960	95	43.14	\$369.99
Intel Core i7-8700T @ 2.40GHz	12507	180	29.85	\$419.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8705G @ 3.10GHz	10090	264	NA	NA
Intel Core i7-8706G @ 3.10GHz	10510	238	NA	NA
Intel Core i7-8709G @ 3.10GHz	9536	309	NA	NA
Intel Core i7-8750H @ 2.20GHz	12464	181	31.56	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11071	214	NA	NA
Intel Core i7-8850H @ 2.60GHz	13217	165	33.46	\$395.00*
Intel Core i7-9700K @ 3.60GHz	17329	67	42.27	\$409.99
Intel Core i9-7900X @ 3.30GHz	21984	22	15.71	\$1,399.00
Intel Core i9-7920X @ 2.90GHz	23223	17	22.77	\$1,019.99
Intel Core i9-7940X @ 3.10GHz	25487	9	20.68	\$1,232.52
Intel Core i9-7960X @ 2.80GHz	25730	8	13.55	\$1,899.00
Intel Core i9-7980XE @ 2.60GHz	27786	4	13.64	\$2,037.30
Intel Core i9-8950HK @ 2.90GHz	14523	128	24.91	\$583.00*
Intel Core i9-9900K @ 3.60GHz	20167	37	36.67	\$549.99
Intel Core i9-9940X @ 3.30GHz	28121	2	16.38	\$1,716.38
Intel Core m3-6Y30 @ 0.90GHz	3051	1202	NA	NA
Intel Core m3-7Y30 @ 1.00GHz	3547	1066	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	2555	1373	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3917	977	13.94	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3367	1111	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3241	1142	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3498	1076	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2722	1319	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1433	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2815	1282	10.02	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2648	1339	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2477	1404	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1213	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2991	1224	10.65	\$281.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Solo T1300 @ 1.66GHz	393	2497	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2491	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2409	NA	NA
Intel Core Solo U1300 @ 1.06GHz	271	2654	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2646	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2567	NA	NA
Intel E3000 @ 3.40GHz	2767	1300	NA	NA
Intel Pentium 4 1.40GHz	164	2754	NA	NA
Intel Pentium 4 1.50GHz	131	2771	NA	NA
Intel Pentium 4 1.60GHz	129	2773	NA	NA
Intel Pentium 4 1.70GHz	132	2770	NA	NA
Intel Pentium 4 1.80GHz	160	2757	NA	NA
Intel Pentium 4 1.90GHz	159	2758	NA	NA
Intel Pentium 4 2.00GHz	189	2736	NA	NA
Intel Pentium 4 2.20GHz	210	2717	NA	NA
Intel Pentium 4 2.26GHz	221	2706	NA	NA
Intel Pentium 4 2.40GHz	228	2699	NA	NA
Intel Pentium 4 2.50GHz	245	2683	NA	NA
Intel Pentium 4 2.53GHz	248	2679	NA	NA
Intel Pentium 4 2.60GHz	288	2625	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.66GHz	254	2671	NA	NA
Intel Pentium 4 2.80GHz	321	2573	NA	NA
Intel Pentium 4 2.93GHz	299	2607	NA	NA
Intel Pentium 4 3.00GHz	353	2543	NA	NA
Intel Pentium 4 3.06GHz	347	2548	NA	NA
Intel Pentium 4 3.20GHz	374	2513	NA	NA
Intel Pentium 4 3.40GHz	396	2493	NA	NA
Intel Pentium 4 3.46GHz	487	2389	NA	NA
Intel Pentium 4 3.60GHz	488	2388	NA	NA
Intel Pentium 4 3.73GHz	486	2392	NA	NA
Intel Pentium 4 3.80GHz	485	2395	NA	NA
Intel Pentium 4 3.83GHz	195	2731	NA	NA
Intel Pentium 4 4.00GHz	184	2742	NA	NA
Intel Pentium 4 1300MHz	119	2777	NA	NA
Intel Pentium 4 1400MHz	127	2774	NA	NA
Intel Pentium 4 1500MHz	125	2775	NA	NA
Intel Pentium 4 1600MHz	193	2735	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2761	NA	NA
Intel Pentium 4 1800MHz	162	2756	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2764	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2730	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2747	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2719	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2750	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2718	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2726	NA	NA
Intel Pentium 5 2.66GHz	705	2270	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2051	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1160	2018	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 977 @ 1.40GHz	1148	2023	NA	NA
Intel Pentium 987 @ 1.50GHz	1226	1980	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	1883	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1310	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1212	NA	NA
Intel Pentium 2020M @ 2.40GHz	2278	1481	17.00	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2417	1421	18.04	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1660	1763	12.39	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1819	1681	13.58	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2076	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2304	1462	NA	NA
Intel Pentium 3556U @ 1.70GHz	1704	1733	NA	NA
Intel Pentium 3558U @ 1.70GHz	1686	1747	NA	NA
Intel Pentium 3560M @ 2.40GHz	2240	1496	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1960	NA	NA
Intel Pentium 3805U @ 1.90GHz	1980	1597	NA	NA
Intel Pentium 3825U @ 1.90GHz	2526	1383	NA	NA
Intel Pentium 4405U @ 2.10GHz	2929	1245	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1565	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2056	1568	12.78	\$161.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4415U @ 2.30GHz	3141	1176	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2215	1503	13.76	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1792	NA	NA
Intel Pentium B940 @ 2.00GHz	1724	1719	57.59	\$29.94*
Intel Pentium B950 @ 2.10GHz	1712	1727	NA	NA
Intel Pentium B960 @ 2.20GHz	1853	1661	37.83	\$48.99*
Intel Pentium B970 @ 2.30GHz	1959	1607	38.42	\$50.99*
Intel Pentium B980 @ 2.40GHz	2034	1574	29.09	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	997	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	535	2356	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2299	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2329	NA	NA
Intel Pentium D 940 @ 3.20GHz	709	2267	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2251	NA	NA
Intel Pentium D 960 @ 3.60GHz	817	2218	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2190	3.86	\$225.00
Intel Pentium E2160 @ 1.80GHz	996	2112	76.96	\$12.95
Intel Pentium E2180 @ 2.00GHz	1088	2056	54.45	\$19.99
Intel Pentium E2200 @ 2.20GHz	1204	1992	16.06	\$75.00
Intel Pentium E2210 @ 2.20GHz	1174	2006	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	1916	2.54	\$525.00
Intel Pentium E5200 @ 2.50GHz	1488	1846	16.55	\$89.95
Intel Pentium E5300 @ 2.60GHz	1538	1820	77.12	\$19.95
Intel Pentium E5400 @ 2.70GHz	1597	1800	96.69	\$16.52
Intel Pentium E5500 @ 2.80GHz	1640	1773	195.49	\$8.39
Intel Pentium E5700 @ 3.00GHz	1738	1714	115.96	\$14.99
Intel Pentium E5800 @ 3.20GHz	1895	1640	63.19	\$29.99
Intel Pentium E6300 @ 2.80GHz	1708	1731	3.02	\$565.00
Intel Pentium E6500 @ 2.93GHz	1760	1700	7.83	\$225.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E6600 @ 3.06GHz	1872	1654	18.73	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1942	1613	114.36	\$16.99
Intel Pentium E6800 @ 3.33GHz	1977	1599	39.56	\$49.99
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2174	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2131	NA	NA
Intel Pentium G620 @ 2.60GHz	2294	1470	91.83	\$24.99
Intel Pentium G620T @ 2.20GHz	2028	1576	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2372	1439	94.94	\$24.99
Intel Pentium G630T @ 2.30GHz	2089	1553	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2531	1381	101.30	\$24.99
Intel Pentium G640T @ 2.40GHz	1898	1638	NA	NA
Intel Pentium G645 @ 2.90GHz	2585	1359	27.22	\$95.00*
Intel Pentium G645T @ 2.50GHz	2289	1472	NA	NA
Intel Pentium G840 @ 2.80GHz	2564	1370	73.30	\$34.99*
Intel Pentium G850 @ 2.90GHz	2662	1334	88.79	\$29.99
Intel Pentium G860 @ 3.00GHz	2741	1311	91.43	\$29.99
Intel Pentium G870 @ 3.10GHz	2826	1278	29.14	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2593	1356	74.33	\$34.89
Intel Pentium G2020 @ 2.90GHz	2761	1304	84.05	\$32.86
Intel Pentium G2020T @ 2.50GHz	2466	1407	51.81	\$47.60*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2030 @ 3.00GHz	2869	1268	70.01	\$40.99
Intel Pentium G2030T @ 2.60GHz	2504	1395	39.13	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1289	NA	NA
Intel Pentium G2120 @ 3.10GHz	3081	1194	67.01	\$45.99
Intel Pentium G2130 @ 3.20GHz	3213	1152	64.28	\$49.99
Intel Pentium G2140 @ 3.30GHz	3384	1106	35.63	\$94.99
Intel Pentium G3220 @ 3.00GHz	3133	1179	26.12	\$119.95*
Intel Pentium G3220T @ 2.60GHz	2567	1369	36.69	\$69.99*
Intel Pentium G3240 @ 3.10GHz	3159	1172	39.49	\$79.99
Intel Pentium G3240T @ 2.70GHz	2874	1267	NA	NA
Intel Pentium G3250 @ 3.20GHz	3254	1134	29.59	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2969	1230	33.00	\$89.99
Intel Pentium G3258 @ 3.20GHz	3886	979	20.64	\$188.28
Intel Pentium G3260 @ 3.30GHz	3373	1109	32.13	\$104.99
Intel Pentium G3260T @ 2.90GHz	2930	1243	32.56	\$89.99
Intel Pentium G3320TE @ 2.30GHz	2389	1431	NA	NA
Intel Pentium G3420 @ 3.20GHz	3404	1096	30.96	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1216	28.58	\$105.25*
Intel Pentium G3430 @ 3.30GHz	3395	1104	37.74	\$89.99
Intel Pentium G3440 @ 3.30GHz	3304	1126	20.66	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1188	NA	NA
Intel Pentium G3450 @ 3.40GHz	3704	1027	37.04	\$99.99
Intel Pentium G3450T @ 2.90GHz	2967	1232	NA	NA
Intel Pentium G3460 @ 3.50GHz	3593	1047	12.47	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3706	1025	35.54	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3558	1059	46.83	\$75.99
Intel Pentium G4400T @ 2.90GHz	3219	1149	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1265	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3794	1001	40.60	\$93.44
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4500T @ 3.00GHz	3471	1082	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	922	43.64	\$95.88
Intel Pentium G4560 @ 3.50GHz	4871	791	48.72	\$99.99
Intel Pentium G4560T @ 2.90GHz	4076	941	40.76	\$99.99
Intel Pentium G4600 @ 3.60GHz	5093	745	44.95	\$113.30
Intel Pentium G4600T @ 3.00GHz	4272	906	42.97	\$99.44*
Intel Pentium G4620 @ 3.70GHz	5205	727	47.00	\$110.75
Intel Pentium G6950 @ 2.80GHz	1859	1659	189.89	\$9.79
Intel Pentium G6951 @ 2.80GHz	2140	1530	22.77	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2083	1558	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5228	726	25.85	\$202.22
Intel Pentium Gold G5400T @ 3.10GHz	5048	758	78.89	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5247	724	48.22	\$108.83
Intel Pentium Gold G5500T @ 3.20GHz	4577	848	61.03	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5696	658	49.76	\$114.48
Intel Pentium III 933S @ 933MHz	238	2692	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2631	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2645	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2589	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2610	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III 1400S @ 1400MHz	299	2606	NA	NA
Intel Pentium III Mobile 750MHz	103	2780	NA	NA
Intel Pentium III Mobile 800MHz	182	2745	NA	NA
Intel Pentium III Mobile 866MHz	152	2762	NA	NA
Intel Pentium III Mobile 933MHz	218	2708	7.55	\$28.99*
Intel Pentium III Mobile 1000MHz	245	2682	NA	NA
Intel Pentium III Mobile 1066MHz	246	2681	NA	NA
Intel Pentium III Mobile 1133MHz	251	2675	NA	NA
Intel Pentium III Mobile 1200MHz	243	2689	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1671	NA	NA
Intel Pentium J2900 @ 2.41GHz	1960	1606	NA	NA
Intel Pentium J3710 @ 1.60GHz	1932	1618	NA	NA
Intel Pentium J4205 @ 1.50GHz	2300	1468	NA	NA
Intel Pentium M 1.10GHz	282	2636	NA	NA
Intel Pentium M 1.20GHz	298	2608	NA	NA
Intel Pentium M 1.30GHz	301	2600	NA	NA
Intel Pentium M 1.40GHz	345	2552	NA	NA
Intel Pentium M 1.50GHz	366	2527	NA	NA
Intel Pentium M 1.60GHz	364	2532	NA	NA
Intel Pentium M 1.70GHz	406	2476	NA	NA
Intel Pentium M 1.73GHz	412	2466	NA	NA
Intel Pentium M 1.80GHz	409	2469	NA	NA
Intel Pentium M 1.86GHz	438	2444	NA	NA
Intel Pentium M 2.00GHz	462	2416	NA	NA
Intel Pentium M 2.10GHz	448	2431	NA	NA
Intel Pentium M 2.13GHz	505	2376	NA	NA
Intel Pentium M 2.26GHz	509	2374	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2400	NA	NA
Intel Pentium M 900MHz	217	2711	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1000MHz	233	2696	NA	NA
Intel Pentium M 1100MHz	259	2666	NA	NA
Intel Pentium M 1200MHz	237	2693	NA	NA
Intel Pentium M 1300MHz	303	2595	NA	NA
Intel Pentium M 1400MHz	321	2574	NA	NA
Intel Pentium M 1500MHz	354	2540	NA	NA
Intel Pentium M 1600MHz	332	2564	NA	NA
Intel Pentium M 1700MHz	376	2512	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1832	NA	NA
Intel Pentium N3520 @ 2.16GHz	1803	1684	NA	NA
Intel Pentium N3530 @ 2.16GHz	1892	1642	NA	NA
Intel Pentium N3540 @ 2.16GHz	1930	1620	7.69	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1833	1674	4.12	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1862	1657	NA	NA
Intel Pentium N4200 @ 1.10GHz	2013	1582	9.57	\$210.48
Intel Pentium P6000 @ 1.87GHz	1248	1971	NA	NA
Intel Pentium P6100 @ 2.00GHz	1327	1918	110.67	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1349	1909	30.02	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1891	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2920	1249	13.28	\$219.92*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium SU2700 @ 1.30GHz	405	2477	NA	NA
Intel Pentium SU4100 @ 1.30GHz	859	2196	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2204	NA	NA
Intel Pentium T2060 @ 1.60GHz	662	2288	NA	NA
Intel Pentium T2080 @ 1.73GHz	707	2269	4.42	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2266	NA	NA
Intel Pentium T2310 @ 1.46GHz	730	2255	NA	NA
Intel Pentium T2330 @ 1.60GHz	834	2210	NA	NA
Intel Pentium T2370 @ 1.73GHz	841	2206	24.04	\$35.00*
Intel Pentium T2390 @ 1.86GHz	945	2150	NA	NA
Intel Pentium T2410 @ 2.00GHz	996	2113	NA	NA
Intel Pentium T3200 @ 2.00GHz	1029	2087	85.82	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1113	2038	12.38	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1146	2026	95.56	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1233	1979	NA	NA
Intel Pentium T4400 @ 2.20GHz	1282	1948	NA	NA
Intel Pentium T4500 @ 2.30GHz	1336	1915	NA	NA
Intel Pentium U5400 @ 1.20GHz	812	2222	NA	NA
Intel Pentium U5600 @ 1.33GHz	943	2152	NA	NA
Intel T1200 @ 1.50GHz	435	2450	NA	NA
Intel T1400 @ 1.73GHz	929	2159	NA	NA
Intel T1500 @ 1.86GHz	953	2144	NA	NA
Intel T2050 @ 2.00GHz	959	2141	NA	NA
Intel Xeon 2.00GHz	233	2695	NA	NA
Intel XEON 2.20GHz	252	2673	NA	NA
Intel Xeon 2.40GHz	276	2648	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2449	NA	NA
Intel Xeon 2.80GHz	400	2487	NA	NA
Intel Xeon 3.00GHz	391	2500	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3.06GHz	491	2384	NA	NA
Intel Xeon 3.20GHz	461	2419	NA	NA
Intel Xeon 3.40GHz	478	2403	NA	NA
Intel Xeon 3.60GHz	509	2373	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2083	NA	NA
Intel Xeon 3.80GHz	604	2318	0.71	\$851.00*
Intel Xeon 1500MHz	193	2734	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1946	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1313	1924	8.32	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1833	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1828	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1776	1694	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1669	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1812	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2067	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	1972	0.81	\$1,543.70
Intel Xeon 5130 @ 2.00GHz	1378	1893	103.95	\$13.26*
Intel Xeon 5133 @ 2.20GHz	1598	1798	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1775	50.57	\$32.42*
Intel Xeon 5148 @ 2.33GHz	1590	1804	121.17	\$13.13*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 5150 @ 2.66GHz	1747	1707	3.83	\$455.95*
Intel Xeon 5160 @ 3.00GHz	1964	1604	153.27	\$12.82*
Intel Xeon @ 2.20GHz	1902	1631	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5446	693	23.19	\$234.89
Intel Xeon D-1518 @ 2.20GHz	5322	714	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	652	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	535	NA	NA
Intel Xeon D-1528 @ 1.90GHz	7946	444	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	297	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	463	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	235	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11056	215	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	431	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14693	121	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13950	143	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	423	38.22	\$213.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	146	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18252	58	10.35	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6097	615	16.52	\$369.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6673	560	20.28	\$329.11
Intel Xeon E3-1220 v3 @ 3.10GHz	7099	521	29.47	\$240.88
Intel Xeon E3-1220 v5 @ 3.00GHz	7740	461	29.61	\$261.38
Intel Xeon E3-1220 v6 @ 3.00GHz	7976	441	37.10	\$214.99
Intel Xeon E3-1220L @ 2.20GHz	3563	1058	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	876	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1546	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5909	633	33.77	\$175.00*
Intel Xeon E3-1225 V2 @ 3.20GHz	6873	544	22.99	\$299.00
Intel Xeon E3-1225 v3 @ 3.20GHz	7208	511	15.73	\$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	7833	451	29.23	\$268.04
Intel Xeon E3-1225 v6 @ 3.30GHz	8294	410	35.30	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7530	481	11.80	\$638.00
Intel Xeon E3-1230 @ 3.20GHz	7848	450	41.52	\$189.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8855	373	21.66	\$408.95
Intel Xeon E3-1230 v3 @ 3.30GHz	9325	331	35.64	\$261.66*
Intel Xeon E3-1230 v5 @ 3.40GHz	9778	293	28.64	\$341.48
Intel Xeon E3-1230 v6 @ 3.50GHz	9644	303	37.09	\$259.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	509	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9631	304	37.27	\$258.44*
Intel Xeon E3-1235 @ 3.20GHz	7680	468	31.48	\$244.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	581	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7958	443	30.03	\$265.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9136	345	16.92	\$539.95
Intel Xeon E3-1240 v3 @ 3.40GHz	9680	301	25.18	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10400	243	30.44	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10148	257	35.00	\$289.99
Intel Xeon E3-1240L v3 @ 2.00GHz	7510	482	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	456	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10014	275	12.92	\$775.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1245 @ 3.30GHz	8019	435	30.84	\$260.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9118	347	15.01	\$607.59
Intel Xeon E3-1245 v3 @ 3.40GHz	9579	307	28.18	\$339.95*
Intel Xeon E3-1245 v5 @ 3.50GHz	10191	254	29.52	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10535	236	33.99	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9855	287	11.87	\$830.00
Intel Xeon E3-1260L @ 2.40GHz	6534	573	76.32	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10083	265	20.21	\$499.00*
Intel Xeon E3-1265L @ 2.40GHz	6038	621	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7785	457	54.67	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	8722	382	12.29	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	353	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	449	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	387	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	414	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9473	315	33.57	\$282.22
Intel Xeon E3-1270 v3 @ 3.50GHz	9898	284	26.75	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10334	249	27.63	\$373.99
Intel Xeon E3-1270 v6 @ 3.80GHz	11135	208	33.38	\$333.61
Intel Xeon E3-1271 v3 @ 3.60GHz	10092	262	11.36	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8348	406	27.02	\$309.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9445	321	23.93	\$394.72
Intel Xeon E3-1275 v3 @ 3.50GHz	9901	282	24.69	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10357	247	18.40	\$563.00
Intel Xeon E3-1275 v6 @ 3.80GHz	11113	209	30.20	\$367.97
Intel Xeon E3-1275L v3 @ 2.70GHz	8874	371	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10170	256	7.99	\$1,273.00
Intel Xeon E3-1280 @ 3.50GHz	8473	399	23.03	\$368.00*
Intel Xeon E3-1280 V2 @ 3.60GHz	9470	316	11.02	\$859.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1280 v3 @ 3.60GHz	9747	296	13.98	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	232	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	204	24.77	\$459.07
Intel Xeon E3-1281 v3 @ 3.70GHz	10349	248	11.79	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10359	246	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10641	233	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	197	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	279	12.35	\$808.02
Intel Xeon E3-1285L v4 @ 3.40GHz	11048	216	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	283	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	10129	260	13.09	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	385	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	300	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	524	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8923	369	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9865	286	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	239	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9319	332	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10585	234	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10451	242	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1575M v5 @ 3.00GHz	10755	225	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10743	228	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10689	230	24.02	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	502	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	492	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5546	679	33.62	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6167	608	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6420	589	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5851	640	266.11	\$21.99*
Intel Xeon E5-1607 v2 @ 3.00GHz	6199	604	19.81	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6947	536	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	507	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9055	354	27.45	\$329.93*
Intel Xeon E5-1620 v2 @ 3.70GHz	9456	319	28.74	\$329.00*
Intel Xeon E5-1620 v3 @ 3.50GHz	9758	295	27.20	\$358.70*
Intel Xeon E5-1620 v4 @ 3.50GHz	9951	280	32.53	\$305.95
Intel Xeon E5-1630 v3 @ 3.70GHz	10277	251	17.19	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10302	250	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11745	200	67.11	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12723	174	109.46	\$116.24
Intel Xeon E5-1650 v3 @ 3.50GHz	13612	156	20.33	\$669.69
Intel Xeon E5-1650 v4 @ 3.60GHz	14228	136	22.59	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12369	183	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13779	149	7.62	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14565	126	9.01	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16192	89	11.90	\$1,361.25
Intel Xeon E5-1680 v2 @ 3.00GHz	16345	82	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16633	77	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	70	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	59	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1070	9.66	\$364.97
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1094	18.09	\$189.00
Intel Xeon E5-2407 @ 2.20GHz	3944	971	11.77	\$335.04
Intel Xeon E5-2407 v2 @ 2.40GHz	4575	849	9.61	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	728	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	527	18.06	\$390.02
Intel Xeon E5-2420 v2 @ 2.20GHz	8629	393	30.93	\$279.00
Intel Xeon E5-2430 @ 2.20GHz	6878	543	9.44	\$728.95
Intel Xeon E5-2430 v2 @ 2.50GHz	8833	377	15.77	\$559.99
Intel Xeon E5-2430L @ 2.00GHz	7269	506	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	566	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	340	199.58	\$45.99
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	322	18.48	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	364	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	255	14.10	\$722.22*
Intel Xeon E5-2450L @ 1.80GHz	8261	411	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	10061	269	31.77	\$316.72*
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	170	5.70	\$2,250.00*
Intel Xeon E5-2603 @ 1.80GHz	3580	1055	16.61	\$215.55

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1009	122.76	\$30.68
Intel Xeon E5-2603 v3 @ 1.60GHz	5172	733	14.48	\$357.33
Intel Xeon E5-2603 v4 @ 1.70GHz	5451	691	23.70	\$229.99*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	448	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4616	836	22.09	\$209.00
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	735	10.10	\$509.95*
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	631	9.60	\$619.04
Intel Xeon E5-2609 v4 @ 1.70GHz	6915	541	19.23	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	188	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	125	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7923	446	234.98	\$33.72
Intel Xeon E5-2620 v2 @ 2.10GHz	8702	384	215.83	\$40.32
Intel Xeon E5-2620 v3 @ 2.40GHz	10020	274	27.16	\$369.00
Intel Xeon E5-2620 v4 @ 2.10GHz	11364	205	25.83	\$439.98
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	368	22.07	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8208	416	14.95	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	325	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	196	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13268	163	9.73	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	217	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8839	376	74.88	\$118.05
Intel Xeon E5-2630 v2 @ 2.60GHz	10385	244	157.55	\$65.92
Intel Xeon E5-2630 v3 @ 2.40GHz	12804	172	26.18	\$489.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13884	145	21.04	\$659.99
Intel Xeon E5-2630L @ 2.00GHz	8001	437	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9283	336	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9476	314	12.60	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	169	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9406	324	15.47	\$608.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2637 v3 @ 3.50GHz	10144	259	7.83	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	241	9.75	\$1,073.78
Intel Xeon E5-2640 @ 2.50GHz	9512	311	78.78	\$120.75
Intel Xeon E5-2640 v2 @ 2.00GHz	9993	277	103.73	\$96.34*
Intel Xeon E5-2640 v3 @ 2.60GHz	13978	142	11.14	\$1,254.25
Intel Xeon E5-2640 v4 @ 2.40GHz	15331	110	16.36	\$936.99
Intel Xeon E5-2643 @ 3.30GHz	8423	402	11.07	\$760.99
Intel Xeon E5-2643 v2 @ 3.50GHz	12824	171	72.99	\$175.71
Intel Xeon E5-2643 v3 @ 3.40GHz	13801	147	18.71	\$737.82
Intel Xeon E5-2643 v4 @ 3.40GHz	13618	155	8.31	\$1,638.36
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	203	8.38	\$1,360.26*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	152	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	122	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10145	258	88.03	\$115.25
Intel Xeon E5-2650 v2 @ 2.60GHz	13104	166	52.63	\$249.00
Intel Xeon E5-2650 v3 @ 2.30GHz	14841	119	7.38	\$2,009.92*
Intel Xeon E5-2650 v4 @ 2.20GHz	15912	97	12.44	\$1,279.07*
Intel Xeon E5-2650L @ 1.80GHz	8676	389	54.26	\$159.90*
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	159	13.38	\$1,010.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	139	9.42	\$1,496.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	206	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	313	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	138	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	88	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	76	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11098	212	108.81	\$102.00
Intel Xeon E5-2660 v2 @ 2.20GHz	13449	161	63.14	\$213.01
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	90	8.95	\$1,808.95
Intel Xeon E5-2660 v4 @ 2.00GHz	17069	72	9.70	\$1,760.00*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	141	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11599	202	25.22	\$459.95
Intel Xeon E5-2667 @ 2.90GHz	10367	245	45.87	\$226.00*
Intel Xeon E5-2667 v2 @ 3.30GHz	16303	87	21.35	\$763.56
Intel Xeon E5-2667 v3 @ 3.20GHz	16119	91	7.13	\$2,259.95*
Intel Xeon E5-2667 v4 @ 3.20GHz	16447	81	7.46	\$2,205.57
Intel Xeon E5-2670 @ 2.60GHz	12137	189	124.75	\$97.30
Intel Xeon E5-2670 v2 @ 2.50GHz	14966	118	30.61	\$489.00*
Intel Xeon E5-2670 v3 @ 2.30GHz	16331	83	10.39	\$1,572.00*
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	84	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	17071	71	24.39	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	28	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15156	113	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17659	64	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	74	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	11	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12638	178	113.00	\$111.84
Intel Xeon E5-2680 v2 @ 2.80GHz	15803	103	61.02	\$259.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18615	53	9.30	\$2,001.00
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	43	11.28	\$1,762.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2682 v4 @ 2.50GHz	21066	33	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17411	66	8.77	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	50	9.12	\$2,087.48*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	116	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	48	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14381	132	24.32	\$591.46
Intel Xeon E5-2687W v2 @ 3.40GHz	16492	79	7.83	\$2,105.59
Intel Xeon E5-2687W v3 @ 3.10GHz	17720	62	5.89	\$3,008.95
Intel Xeon E5-2687W v4 @ 3.00GHz	19933	41	8.64	\$2,307.31*
Intel Xeon E5-2689 @ 2.60GHz	13427	162	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19892	42	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13722	151	86.30	\$159.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16463	80	37.85	\$435.00
Intel Xeon E5-2690 v3 @ 2.60GHz	19295	47	8.71	\$2,215.86*
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	30	9.07	\$2,350.88*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	93	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15847	101	8.90	\$1,779.95
Intel Xeon E5-2695 v3 @ 2.30GHz	20081	38	9.99	\$2,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	36	7.87	\$2,573.17*
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	78	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2696 v3 @ 2.30GHz	22548	19	9.03	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21077	32	7.00	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17439	65	7.80	\$2,235.02
Intel Xeon E5-2697 v3 @ 2.60GHz	21365	29	31.19	\$685.00
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	26	7.67	\$2,805.00
Intel Xeon E5-2697A v4 @ 2.60GHz	21875	23	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21133	31	6.17	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	24	6.77	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	20	4.97	\$4,505.95
Intel Xeon E5-2699 v4 @ 2.20GHz	23200	18	5.26	\$4,413.44
Intel Xeon E5-4603 @ 2.00GHz	5014	766	2.65	\$1,890.99*
Intel Xeon E5-4617 @ 2.90GHz	8684	388	96.60	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	425	43.00	\$189.00*
Intel Xeon E5-4627 v3 @ 2.60GHz	14221	137	5.93	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	105	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	237	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	175	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	213	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	12117	190	126.89	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	199	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	184	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	99	5.30	\$3,000.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15556	104	3.24	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	154	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1182	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2165	1521	94.20	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1417	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1495	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1880	148.77	\$9.42*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5240 @ 3.00GHz	2424	1418	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1487	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1473	8.48	\$269.95*
Intel Xeon E5335 @ 2.00GHz	2513	1389	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2923	1248	73.12	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2850	1272	10.18	\$279.95*
Intel Xeon E5410 @ 2.33GHz	3267	1132	15.79	\$207.01*
Intel Xeon E5420 @ 2.50GHz	3502	1074	13.47	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3773	1007	104.82	\$36.00*
Intel Xeon E5440 @ 2.83GHz	3975	961	33.14	\$119.95*
Intel Xeon E5450 @ 3.00GHz	4200	918	18.27	\$229.95*
Intel Xeon E5462 @ 2.80GHz	3885	980	142.34	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4126	936	75.31	\$54.80*
Intel Xeon E5502 @ 1.87GHz	1378	1892	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1882	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2702	1324	38.63	\$69.95
Intel Xeon E5506 @ 2.13GHz	2977	1229	49.63	\$60.00*
Intel Xeon E5507 @ 2.27GHz	3137	1177	6.87	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4441	870	148.11	\$29.99
Intel Xeon E5530 @ 2.40GHz	4605	840	158.83	\$29.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5540 @ 2.53GHz	4758	811	135.97	\$35.00*
Intel Xeon E5603 @ 1.60GHz	2366	1443	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3049	1205	13.92	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3397	1102	7.57	\$448.95
Intel Xeon E5620 @ 2.40GHz	4855	796	70.37	\$69.00
Intel Xeon E5630 @ 2.53GHz	5088	747	108.19	\$47.03*
Intel Xeon E5640 @ 2.67GHz	5263	722	88.47	\$59.49*
Intel Xeon E5645 @ 2.40GHz	6484	577	24.95	\$259.95
Intel Xeon E5649 @ 2.53GHz	6936	539	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1422	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	452	40.54	\$193.00*
Intel Xeon E-2124G @ 3.40GHz	10048	270	47.18	\$213.00*
Intel Xeon E-2136 @ 3.30GHz	15338	109	54.01	\$284.00*
Intel Xeon E-2146G @ 3.50GHz	16050	92	51.61	\$311.00*
Intel Xeon E-2174G @ 3.80GHz	12108	191	36.92	\$328.00*
Intel Xeon E-2176G @ 3.70GHz	14409	131	39.81	\$362.00*
Intel Xeon E-2176M @ 2.70GHz	13885	144	30.86	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	15406	106	34.24	\$450.00*
Intel Xeon E-2186M @ 2.90GHz	14461	130	23.21	\$623.00*
Intel Xeon Gold 5118 @ 2.30GHz	15985	94	11.86	\$1,348.00*
Intel Xeon Gold 5120 @ 2.20GHz	16308	86	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	60	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	11104	211	8.48	\$1,309.00
Intel Xeon Gold 6126 @ 2.60GHz	19711	45	10.34	\$1,906.36
Intel Xeon Gold 6128 @ 3.40GHz	15022	115	8.15	\$1,842.27*
Intel Xeon Gold 6130 @ 2.10GHz	19060	49	10.14	\$1,878.85
Intel Xeon Gold 6132 @ 2.60GHz	23907	16	10.71	\$2,232.81*
Intel Xeon Gold 6134 @ 3.20GHz	18083	61	8.38	\$2,159.00
Intel Xeon Gold 6136 @ 3.00GHz	21018	34	7.85	\$2,677.82*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 6138 @ 2.00GHz	25416	10	9.63	\$2,639.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	15	9.25	\$2,589.99*
Intel Xeon Gold 6144 @ 3.50GHz	19654	46	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	12	6.87	\$3,658.34
Intel Xeon Gold 6154 @ 3.00GHz	27722	5	7.22	\$3,839.78
Intel Xeon L3110 @ 3.00GHz	2273	1483	NA	NA
Intel Xeon L3360 @ 2.83GHz	3864	983	43.31	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1913	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	988	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1677	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1484	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1482	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1532	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1308	72.15	\$38.20*
Intel Xeon L5408 @ 2.13GHz	3037	1209	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1110	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3501	1075	127.33	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3716	1022	23.53	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1023	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	882	339.56	\$12.92*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5530 @ 2.40GHz	4351	891	311.73	\$13.96*
Intel Xeon L5630 @ 2.13GHz	4369	887	252.11	\$17.33*
Intel Xeon L5638 @ 2.00GHz	5556	677	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	545	NA	NA
Intel Xeon L5640 @ 2.27GHz	6405	591	133.41	\$48.01*
Intel Xeon L7455 @ 2.13GHz	3836	990	NA	NA
Intel Xeon MV 3.20GHz	683	2282	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26652	6	NA	NA
Intel Xeon Platinum 8173M @ 2.00GHz	28860	1	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	3	NA	NA
Intel Xeon Silver 4108 @ 1.80GHz	10769	224	23.54	\$457.51
Intel Xeon Silver 4109T @ 2.00GHz	10854	223	21.67	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	12025	193	22.70	\$529.86
Intel Xeon Silver 4112 @ 2.60GHz	8607	395	16.26	\$529.21*
Intel Xeon Silver 4114 @ 2.20GHz	14484	129	19.44	\$744.99*
Intel Xeon Silver 4116 @ 2.10GHz	15248	111	13.60	\$1,121.16*
Intel Xeon Silver 4123 @ 3.00GHz	15185	112	NA	NA
Intel Xeon W3503 @ 2.40GHz	1757	1703	108.35	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1858	1660	NA	NA
Intel Xeon W3520 @ 2.67GHz	5059	754	175.98	\$28.75*
Intel Xeon W3530 @ 2.80GHz	5359	707	18.23	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	687	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5696	659	95.02	\$59.95*
Intel Xeon W3565 @ 3.20GHz	5943	630	84.97	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6084	617	12.68	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6433	585	29.99	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8152	422	14.43	\$565.00*
Intel Xeon W3680 @ 3.33GHz	9081	352	11.95	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9160	341	9.16	\$1,000.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W5580 @ 3.20GHz	5836	643	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	606	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	7030	530	20.80	\$337.99*
Intel Xeon W-2104 @ 3.20GHz	7782	458	30.52	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10743	229	29.54	\$363.65*
Intel Xeon W-2125 @ 4.00GHz	12389	182	25.08	\$494.01
Intel Xeon W-2133 @ 3.60GHz	14053	140	22.78	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16311	85	17.92	\$910.43
Intel Xeon W-2140B @ 3.20GHz	18472	57	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19712	44	16.30	\$1,209.03
Intel Xeon W-2150B @ 3.00GHz	21522	27	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21790	25	14.24	\$1,530.39*
Intel Xeon W-2195 @ 2.30GHz	24983	13	8.97	\$2,784.55
Intel Xeon X3210 @ 2.13GHz	2737	1313	14.74	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3087	1192	53.24	\$57.99*
Intel Xeon X3230 @ 2.66GHz	3425	1092	9.52	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3310	1124	14.43	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3167	1164	163.59	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3375	1108	16.08	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3847	986	64.14	\$59.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3353 @ 2.66GHz	3853	985	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3955	965	25.04	\$157.95*
Intel Xeon X3363 @ 2.83GHz	4008	954	117.58	\$34.09
Intel Xeon X3370 @ 3.00GHz	4286	904	11.68	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	824	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3361	1112	16.01	\$209.95
Intel Xeon X3440 @ 2.53GHz	4539	858	20.18	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4816	803	60.24	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5117	739	14.33	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5123	738	10.05	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	665	NA	NA
Intel Xeon X5260 @ 3.33GHz	2453	1409	17.62	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2535	1379	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1430	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3218	1151	78.50	\$41.00
Intel Xeon X5365 @ 3.00GHz	3491	1077	35.09	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4124	937	82.50	\$49.99*
Intel Xeon X5460 @ 3.16GHz	4336	895	27.11	\$159.95
Intel Xeon X5470 @ 3.33GHz	4600	842	24.34	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4034	947	17.93	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4571	850	45.72	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4844	799	3.48	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5404	701	312.95	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5399	702	93.17	\$57.95*
Intel Xeon X5570 @ 2.93GHz	5679	661	63.81	\$89.00*
Intel Xeon X5647 @ 2.93GHz	5980	625	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7409	497	247.08	\$29.99
Intel Xeon X5660 @ 2.80GHz	7618	476	76.56	\$99.52*
Intel Xeon X5667 @ 3.07GHz	4722	816	59.78	\$79.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5670 @ 2.93GHz	7931	445	132.22	\$59.99
Intel Xeon X5672 @ 3.20GHz	6419	590	22.63	\$283.72*
Intel Xeon X5675 @ 3.07GHz	8303	409	103.80	\$79.99
Intel Xeon X5677 @ 3.47GHz	6982	534	66.50	\$105.00*
Intel Xeon X5679 @ 3.20GHz	8845	374	NA	NA
Intel Xeon X5680 @ 3.33GHz	8556	397	76.40	\$112.00
Intel Xeon X5687 @ 3.60GHz	7086	523	130.05	\$54.49
Intel Xeon X5690 @ 3.47GHz	8939	367	59.99	\$149.00
Intel Xeon X5698 @ 4.40GHz	4272	907	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1228	NA	NA
Mobile AMD Athlon 4	314	2583	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2537	NA	NA
Mobile AMD Athlon 64 2700+	398	2489	NA	NA
Mobile AMD Athlon 64 2800+	440	2439	NA	NA
Mobile AMD Athlon 64 3000+	450	2428	NA	NA
Mobile AMD Athlon 64 3200+	448	2432	NA	NA
Mobile AMD Athlon 64 3400+	511	2372	NA	NA
Mobile AMD Athlon 64 3700+	435	2451	NA	NA
Mobile AMD Athlon 64 4000+	576	2332	NA	NA
Mobile AMD Athlon 1400+	266	2659	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon 2500+	370	2521	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2660	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2510	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2614	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2382	NA	NA
Mobile AMD Athlon XP	572	2337	45.81	\$12.49*
Mobile AMD Athlon XP-M	512	2371	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2743	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2663	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2667	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2571	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2609	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2556	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2602	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2531	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2551	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2549	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2520	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2529	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2528	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2442	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2390	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2375	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2621	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2613	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2561	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2518	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2406	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2377	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Sempron 2100+	252	2674	NA	NA
Mobile AMD Sempron 2600+	394	2495	NA	NA
Mobile AMD Sempron 2800+	361	2534	NA	NA
Mobile AMD Sempron 3000+	389	2504	NA	NA
Mobile AMD Sempron 3100+	416	2463	NA	NA
Mobile AMD Sempron 3200+	354	2541	NA	NA
Mobile AMD Sempron 3300+	445	2435	NA	NA
Mobile AMD Sempron 3400+	440	2440	NA	NA
Mobile AMD Sempron 3500+	408	2474	NA	NA
Mobile AMD Sempron 3600+	431	2455	NA	NA
Mobile AMD Sempron 3800+	485	2396	NA	NA
Mobile Intel Celeron 1.20GHz	170	2753	NA	NA
Mobile Intel Celeron 1.50GHz	188	2737	NA	NA
Mobile Intel Celeron 1.60GHz	188	2738	NA	NA
Mobile Intel Celeron 1.70GHz	181	2746	NA	NA
Mobile Intel Celeron 1.80GHz	186	2740	NA	NA
Mobile Intel Celeron 2.00GHz	204	2722	NA	NA
Mobile Intel Celeron 2.20GHz	226	2702	NA	NA
Mobile Intel Celeron 2.40GHz	239	2690	NA	NA
Mobile Intel Celeron 2.50GHz	281	2639	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 1200MHz	294	2615	NA	NA
Mobile Intel Celeron 1333MHz	280	2642	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2647	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2662	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2644	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2581	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2559	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2538	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2443	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2404	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2732	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2752	0.72	\$241.29
Mobile Intel Pentium 4 - M 1.80GHz	175	2749	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2697	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2727	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2729	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2713	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2669	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2584	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2716	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2728	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2678	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2619	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2703	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2620	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1396	NA	NA
Quad-Core AMD Opteron 1385	3442	1089	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3427	1091	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1247	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA C3 Ezra	100	2781	NA	NA
VIA C7 1500MHz	284	2632	NA	NA
VIA C7-D 1500MHz	287	2627	NA	NA
VIA C7-D 1800MHz	203	2724	NA	NA
VIA C7-D 2000MHz	368	2524	NA	NA
VIA C7-M 1000MHz	164	2755	NA	NA
VIA C7-M 1200MHz	140	2768	NA	NA
VIA C7-M 1600MHz	178	2748	NA	NA
VIA C7-M 6300MHz	222	2705	NA	NA
VIA Eden 800MHz	155	2759	NA	NA
VIA Eden 1000MHz	123	2776	NA	NA
VIA Eden 1200MHz	142	2767	NA	NA
VIA Eden C1050@1.06GHz	352	2544	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2402	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	2024	NA	NA
VIA Esther 1000MHz	146	2766	NA	NA
VIA Esther 1300MHz	250	2677	NA	NA
VIA Esther 1500MHz	219	2707	NA	NA
VIA Esther 2000MHz	394	2494	NA	NA
VIA Nano L1900@1400MHz	457	2422	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano L2007@1600MHz	369	2522	NA	NA
VIA Nano L2100@1800MHz	428	2458	NA	NA
VIA Nano L2207@1600MHz	296	2612	NA	NA
VIA Nano L3025@1600MHz	517	2365	NA	NA
VIA Nano L3050@1800MHz	581	2330	NA	NA
VIA Nano L3600@2000MHz	645	2296	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2511	NA	NA
VIA Nano U2250@1300+MHz	274	2651	NA	NA
VIA Nano U2500@1200MHz	306	2593	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2379	NA	NA
VIA Nano U3300@1200MHz	409	2468	NA	NA
VIA Nano U3500@1000MHz	275	2649	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2316	NA	NA
VIA Nehemiah	155	2760	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1639	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1899	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2007	NA	NA
VIA Samuel 2	79	2783	NA	NA

* - Last price seen from our affiliates.

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Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	278	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	112	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	381	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	387	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	433	NA	NA
[Dual CPU] AMD EPYC 7281	12720	163	9.22	\$1,379.74
[Dual CPU] AMD EPYC 7401	23518	57	4.90	\$4,800.82
[Dual CPU] AMD EPYC 7451	28957	26	4.35	\$6,663.62
[Dual CPU] AMD EPYC 7501	26884	36	3.07	\$8,759.82
[Dual CPU] AMD EPYC 7551	30966	19	4.06	\$7,627.98
[Dual CPU] AMD EPYC 7601	33545	13	3.65	\$9,194.78*
[Dual CPU] AMD Opteron 246	1130	422	28.26	\$39.98
[Dual CPU] AMD Opteron 248	1053	423	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	419	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1385	420	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	428	NA	NA
[Dual CPU] AMD Opteron 256	1853	416	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	414	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	410	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	413	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	405	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	396	NA	NA
[Dual CPU] AMD Opteron 290	2807	393	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	391	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 2212	2203	411	91.79	\$24.00*
[Dual CPU] AMD Opteron 2214	2344	406	40.41	\$58.00
[Dual CPU] AMD Opteron 2214 HE	2463	403	NA	NA
[Dual CPU] AMD Opteron 2216	2485	402	54.02	\$46.00
[Dual CPU] AMD Opteron 2216 HE	2593	399	NA	NA
[Dual CPU] AMD Opteron 2218	2719	397	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	400	NA	NA
[Dual CPU] AMD Opteron 2220	2853	390	0.97	\$2,950.32*
[Dual CPU] AMD Opteron 2220 SE	2882	389	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	385	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	379	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	369	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	376	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	370	7.55	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	358	6.88	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	361	148.53	\$29.90
[Dual CPU] AMD Opteron 2360 SE	5315	340	98.43	\$54.00
[Dual CPU] AMD Opteron 2373 EE	4164	367	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	354	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	341	15.70	\$333.60*
[Dual CPU] AMD Opteron 2378	5318	339	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	327	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	323	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6320	312	NA	NA
[Dual CPU] AMD Opteron 2389	5677	328	48.11	\$118.00
[Dual CPU] AMD Opteron 2419	5191	343	216.47	\$23.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2425 HE	6209	315	NA	NA
[Dual CPU] AMD Opteron 2427	5907	324	29.83	\$198.00
[Dual CPU] AMD Opteron 2431	6438	307	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7068	293	18.70	\$378.00
[Dual CPU] AMD Opteron 2439 SE	8071	264	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	371	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	330	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	310	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	308	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7848	270	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	263	80.90	\$99.98
[Dual CPU] AMD Opteron 4228 HE	7986	266	NA	NA
[Dual CPU] AMD Opteron 4234	9361	231	20.35	\$459.98
[Dual CPU] AMD Opteron 4276 HE	9681	225	NA	NA
[Dual CPU] AMD Opteron 4280	4525	359	45.26	\$99.98
[Dual CPU] AMD Opteron 4284	8772	244	73.11	\$119.98
[Dual CPU] AMD Opteron 4334	9456	230	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	204	21.71	\$479.98
[Dual CPU] AMD Opteron 4376 HE	10244	211	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	191	40.57	\$279.98
[Dual CPU] AMD Opteron 6128	6881	298	163.91	\$41.98
[Dual CPU] AMD Opteron 6128 HE	5582	333	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	247	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 6134	7586	280	11.53	\$658.00
[Dual CPU] AMD Opteron 6136	7255	287	10.10	\$718.00*
[Dual CPU] AMD Opteron 6164 HE	5109	346	NA	NA
[Dual CPU] AMD Opteron 6168	7741	275	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7623	279	38.50	\$198.00
[Dual CPU] AMD Opteron 6174	8567	250	43.27	\$198.00
[Dual CPU] AMD Opteron 6176 SE	8448	253	26.57	\$318.00
[Dual CPU] AMD Opteron 6180 SE	3114	382	NA	NA
[Dual CPU] AMD Opteron 6204	7134	290	50.96	\$139.98
[Dual CPU] AMD Opteron 6212	8955	237	149.30	\$59.98
[Dual CPU] AMD Opteron 6220	10740	200	89.51	\$119.98
[Dual CPU] AMD Opteron 6234	10079	215	72.00	\$139.98*
[Dual CPU] AMD Opteron 6238	10349	206	86.26	\$119.98
[Dual CPU] AMD Opteron 6272	10008	218	7.59	\$1,317.78
[Dual CPU] AMD Opteron 6274	10682	201	22.35	\$478.00
[Dual CPU] AMD Opteron 6275	10900	199	NA	NA
[Dual CPU] AMD Opteron 6276	10194	213	63.72	\$159.98
[Dual CPU] AMD Opteron 6284 SE	11985	177	17.12	\$699.98
[Dual CPU] AMD Opteron 6308	8351	255	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10914	198	27.29	\$399.98
[Dual CPU] AMD Opteron 6328	11842	179	16.49	\$718.00
[Dual CPU] AMD Opteron 6344	11203	193	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	188	28.53	\$399.98
[Dual CPU] AMD Opteron 6376	10405	205	80.04	\$130.00
[Dual CPU] AMD Opteron 6378	2905	388	7.26	\$399.98
[Dual CPU] AMD Opteron 6380	14200	149	78.90	\$179.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6386 SE	11081	194	36.94	\$299.98
[Dual CPU] AMD Opteron 8218	2831	392	67.40	\$42.00
[Dual CPU] AMD Opteron 8220	2510	401	NA	NA
[Dual CPU] AMD Opteron 8222 SE	2793	395	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	380	73.25	\$44.00
[Dual CPU] AMD Opteron 8380	5643	331	13.70	\$412.00*
[Dual CPU] AMD Opteron 8381 HE	5210	342	NA	NA
[Dual CPU] AMD Opteron 8389	6517	304	41.25	\$158.00
[Dual CPU] AMD Opteron 8431	5813	325	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	301	46.80	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	277	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	421	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	408	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	375	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	268	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	442	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	440	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	436	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	438	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	443	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	444	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	441	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 2.40GHz	473	439	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	434	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	687	430	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	784	429	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	432	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	857	427	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	426	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	425	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	415	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	424	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2154	412	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	407	0.75	\$3,087.40
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2615	398	98.60	\$26.52*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	383	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2984	386	46.02	\$64.84*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	384	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3439	377	3.77	\$911.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3833	373	149.49	\$25.64*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8987	235	19.13	\$469.78
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11646	184	16.64	\$699.98*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	316	8.50	\$729.94
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	313	16.68	\$378.00
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7486	282	11.17	\$670.08
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	234	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11628	186	14.91	\$780.04
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11738	181	21.04	\$558.00
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	258	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 E5-2430 @ 2.20GHz	13637	153	9.35	\$1,457.90
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13445	159	12.00	\$1,119.98
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	190	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	169	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	162	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	151	9.50	\$1,444.44*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	123	18.86	\$878.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	182	45.06	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	122	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	106	4.13	\$4,500.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	311	14.71	\$431.10
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	303	106.26	\$61.36
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8385	254	11.73	\$714.66
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8775	243	19.08	\$459.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8214	260	19.65	\$418.00
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8871	240	8.70	\$1,019.90*
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9984	219	8.06	\$1,238.08
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10992	197	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12369	167	183.41	\$67.44
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13404	160	166.22	\$80.64
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15276	137	20.70	\$738.00
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16459	124	18.70	\$879.96

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14251	148	17.59	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12367	168	11.26	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	145	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13604	157	57.62	\$236.10
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16034	127	121.62	\$131.84
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18514	107	18.93	\$978.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18872	104	14.30	\$1,319.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	195	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	154	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	138	10.10	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	285	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15972	129	13.13	\$1,216.00
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16437	125	6.34	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16656	121	7.76	\$2,147.56
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14682	142	60.80	\$241.50
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14511	146	75.31	\$192.68*
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20164	92	8.04	\$2,508.50
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20765	86	11.08	\$1,873.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13640	152	8.96	\$1,521.98
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21077	81	59.98	\$351.42
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21083	80	14.29	\$1,475.64
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21544	75	6.57	\$3,276.72
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	172	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	11808	180	3.99	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	110	6.65	\$2,720.52*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15001	139	65.08	\$230.50
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19046	103	38.24	\$498.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20449	90	5.09	\$4,019.84*
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20439	91	7.99	\$2,558.14*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	147	44.98	\$319.80*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14703	141	24.58	\$598.10
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	85	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13319	161	4.56	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	105	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	100	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16343	126	80.11	\$204.00
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18077	111	42.43	\$426.02
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22592	68	6.24	\$3,617.90
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23128	64	6.57	\$3,520.00*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	63	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17470	114	18.99	\$919.90
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	47	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17003	117	37.62	\$452.00*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22387	71	14.66	\$1,527.12
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23109	65	5.11	\$4,519.90*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23927	54	5.42	\$4,411.14
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18194	109	93.49	\$194.60
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20936	84	21.41	\$978.00*
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	72	7.12	\$3,144.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	59	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	62	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	24	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	93	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	76	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	23	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18209	108	81.41	\$223.68
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21471	77	41.45	\$518.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24798	49	6.20	\$4,002.00
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	60	6.63	\$3,525.80*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	118	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21061	82	5.31	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	46	5.99	\$4,174.96*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	73	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	37	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20978	83	17.73	\$1,182.92
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23284	61	5.53	\$4,211.18
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24146	52	4.01	\$6,017.90
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26677	38	5.78	\$4,614.62*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	95	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	40	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19763	96	62.15	\$318.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23726	56	27.27	\$870.00
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25757	43	5.81	\$4,431.72*
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27561	33	5.86	\$4,701.76*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20710	88	5.82	\$3,559.90
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	48	6.18	\$4,019.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	44	4.98	\$5,146.34*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23914	55	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	21	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31304	17	5.20	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23443	58	5.24	\$4,470.04
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28246	30	20.62	\$1,370.00
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30520	20	5.44	\$5,610.00
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	31	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29958	22	4.37	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	15	5.00	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	53	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26333	39	2.92	\$9,011.90
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	12	3.85	\$8,826.88
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	89	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	99	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	131	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	101	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	98	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19127	102	100.15	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	140	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	202	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	69	2.34	\$9,600.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	35	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	173	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	133	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	70	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	176	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15488	134	33.24	\$466.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	217	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	409	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	372	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3566	374	36.39	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4145	368	7.68	\$539.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	349	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4593	357	129.23	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5129	345	64.13	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5178	344	9.25	\$559.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6027	320	14.56	\$414.02*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6360	309	12.23	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6856	300	95.22	\$72.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7169	289	29.88	\$239.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7549	281	16.41	\$459.90*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7117	291	130.35	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7836	272	71.50	\$109.60*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	404	12.93	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	394	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4891	351	34.96	\$139.90
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5008	348	41.73	\$120.00*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5434	336	5.95	\$913.82*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7425	284	123.79	\$59.98
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	276	132.83	\$58.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	271	112.11	\$70.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4236	365	16.41	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5553	334	12.68	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5992	321	6.67	\$897.90
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8069	265	58.47	\$138.00
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8326	256	88.52	\$94.06*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8790	242	73.88	\$118.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10323	208	19.86	\$519.90
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10296	209	44.77	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	335	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	338	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	21833	74	7.99	\$2,731.06*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	51	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	79	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	20751	87	7.70	\$2,696.00*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25997	42	8.33	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17491	113	6.68	\$2,618.00
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27757	32	7.28	\$3,812.72
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22869	66	6.21	\$3,684.54*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	22620	67	6.02	\$3,757.70

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	34	6.16	\$4,465.62*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25404	45	5.88	\$4,318.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	28778	29	5.37	\$5,355.64*
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35063	10	6.64	\$5,279.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	33297	14	6.43	\$5,179.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	28	4.96	\$5,810.52*
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28886	27	4.94	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	28993	25	3.96	\$7,316.68
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36272	5	6.18	\$5,870.00
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	18	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35368	9	4.70	\$7,519.98*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36640	4	4.77	\$7,679.56
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	360	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	364	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	352	64.02	\$76.40*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	332	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	317	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	306	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	319	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	350	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	297	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	296	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	267	284.35	\$27.92*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	295	202.14	\$34.66*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	238	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	226	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9710	224	101.12	\$96.02*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon MP 2.50GHz	550	435	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	437	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	431	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	417	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	35823	7	2.32	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39104	3	3.32	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	8	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	6	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	34585	11	1.73	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15702	132	17.16	\$915.02
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16810	120	15.86	\$1,059.72
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	156	12.86	\$1,058.42*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19683	97	13.21	\$1,489.98*
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	19929	94	8.89	\$2,242.32*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	214	47.23	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	207	2.06	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	210	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4768	355	17.12	\$278.48*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	356	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	353	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5774	326	70.41	\$82.00
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6229	314	31.30	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7467	283	74.68	\$99.98*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7850	269	24.54	\$319.90
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8174	262	21.62	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7780	273	17.29	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8205	261	41.03	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8716	246	3.13	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8971	236	259.73	\$34.54*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	232	78.38	\$115.90*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9533	229	53.56	\$178.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	221	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11350	192	189.23	\$59.98
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11667	183	58.62	\$199.04*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	241	55.80	\$158.00
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12303	170	102.54	\$119.98
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	216	17.76	\$567.44*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12609	165	78.82	\$159.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11406	189	54.31	\$210.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	155	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13603	158	60.73	\$224.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11984	178	109.97	\$108.98
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13802	150	46.32	\$298.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	252	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	302	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	245	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	220	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	185	264.34	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	366	59.59	\$70.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	347	15.28	\$330.00*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	363	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	362	199.09	\$21.98*
[Dual CPU] Quad-Core AMD Opteron 8378	5382	337	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	299	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	329	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	322	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	257	NA	NA
[Quad CPU] AMD Opteron 6136	9767	222	6.80	\$1,436.00*
[Quad CPU] AMD Opteron 6174	8594	249	21.70	\$396.00
[Quad CPU] AMD Opteron 6272	12292	171	4.66	\$2,635.56
[Quad CPU] AMD Opteron 6274	10488	203	10.97	\$956.00
[Quad CPU] AMD Opteron 6276	15342	136	47.95	\$319.96
[Quad CPU] AMD Opteron 6278	12055	175	23.18	\$519.96
[Quad CPU] AMD Opteron 6282 SE	11044	196	21.24	\$519.96
[Quad CPU] AMD Opteron 6376	14681	143	56.47	\$260.00
[Quad CPU] AMD Opteron 6380	12442	166	34.56	\$359.96
[Quad CPU] AMD Opteron 8360 SE	6490	305	77.26	\$84.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 8381 HE	6097	318	NA	NA
[Quad CPU] AMD Opteron 8382	8553	251	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	286	NA	NA
[Quad CPU] AMD Opteron 8431	8252	259	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	292	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	239	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	418	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	378	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	119	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	130	21.06	\$756.00*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	50	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	78	55.95	\$381.96*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	128	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	16	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	116	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	115	131.38	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14622	144	15.69	\$932.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	164	15.87	\$799.96*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	294	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	274	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	212	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	227	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	233	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	41	4.99	\$5,236.00
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	2	2.71	\$15,039.96*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	223	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	228	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12068	174	4.26	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	248	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	187	10.45	\$1,100.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	135	175.16	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	288	163.10	\$43.96*

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