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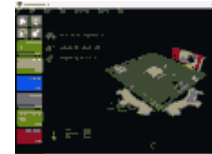
CPU Benchmarks

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CPU List

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

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Single CPU Systems

Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2590	NA	NA
AMD A4 Micro-6400T APU	1544	1781	NA	NA
AMD A4 PRO-3340B	2402	1395	NA	NA
AMD A4 PRO-7300B APU	2338	1413	NA	NA
AMD A4 PRO-7350B	2794	1262	NA	NA
AMD A4-1200 APU	641	2267	NA	NA
AMD A4-1250 APU	614	2278	NA	NA
AMD A4-3300 APU	1502	1804	115.70	\$12.99
AMD A4-3300M APU	1183	1967	39.48	\$29.99*
AMD A4-3305M APU	1221	1949	40.73	\$30.00*
AMD A4-3310MX APU	1291	1904	NA	NA
AMD A4-3320M APU	1253	1931	36.88	\$34.00
AMD A4-3330MX APU	1218	1950	NA	NA
AMD A4-3400 APU	1595	1763	18.15	\$87.95
AMD A4-3420 APU	1676	1716	NA	NA
AMD A4-4000 APU	1820	1643	60.69	\$29.99
AMD A4-4020 APU	1918	1588	19.19	\$100.00
AMD A4-4300M APU	1614	1750	40.51	\$39.86
AMD A4-4355M APU	1174	1969	NA	NA
AMD A4-5000 APU	1908	1592	NA	NA
AMD A4-5050 APU	2113	1510	NA	NA
AMD A4-5100 APU	2037	1537	NA	NA
AMD A4-5150M APU	1844	1630	NA	NA
AMD A4-5300 APU	2012	1549	34.10	\$59.01
AMD A4-5300B APU	2116	1506	55.70	\$38.00*
AMD A4-6210 APU	2154	1488	NA	NA
AMD A4-6250J APU	2556	1338	NA	NA
AMD A4-6300 APU	2222	1468	28.45	\$78.12
AMD A4-6300B APU	2129	1500	21.30	\$100.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-6320 APU	2322	1418	33.18	\$69.99
AMD A4-7210 APU	2503	1359	NA	NA
AMD A4-7300 APU	2290	1434	24.15	\$94.85
AMD A4-9120	1880	1611	NA	NA
AMD A6 Micro-6500T APU	1834	1637	NA	NA
AMD A6 PRO-7050B APU	1605	1754	NA	NA
AMD A6 PRO-7400B	2749	1280	NA	NA
AMD A6-1450 APU	1518	1795	NA	NA
AMD A6-3400M APU	1886	1610	62.94	\$29.97*
AMD A6-3410MX APU	2055	1532	68.54	\$29.99*
AMD A6-3420M APU	2002	1552	NA	NA
AMD A6-3430MX APU	2225	1467	NA	NA
AMD A6-3500 APU	2011	1550	50.29	\$39.99
AMD A6-3600 APU	2703	1292	117.61	\$22.99*
AMD A6-3620 APU	2808	1258	46.81	\$59.99*
AMD A6-3650 APU	3157	1145	21.05	\$149.99*
AMD A6-3670 APU	3193	1128	63.88	\$49.99
AMD A6-4400M APU	1634	1739	41.01	\$39.86*
AMD A6-4455M APU	1282	1913	NA	NA
AMD A6-5200 APU	2424	1387	NA	NA
AMD A6-5345M APU	1476	1814	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5350M APU	1904	1595	44.16	\$43.12
AMD A6-5357M APU	1938	1578	NA	NA
AMD A6-5400B APU	2194	1478	20.89	\$105.04*
AMD A6-5400K APU	2151	1492	17.49	\$123.00
AMD A6-6310 APU	2442	1380	NA	NA
AMD A6-6400B APU	2281	1444	NA	NA
AMD A6-6400K APU	2299	1432	32.85	\$69.99
AMD A6-6420B APU	2612	1317	NA	NA
AMD A6-6420K APU	2361	1410	15.75	\$149.99
AMD A6-7000	1671	1718	NA	NA
AMD A6-7310 APU	2668	1301	NA	NA
AMD A6-7400K APU	2783	1265	55.69	\$49.98
AMD A6-7470K	2777	1267	39.69	\$69.99
AMD A6-8500P	2202	1476	NA	NA
AMD A6-8550	3104	1159	NA	NA
AMD A6-9200	1782	1657	NA	NA
AMD A6-9210	1878	1614	NA	NA
AMD A6-9220	2208	1471	NA	NA
AMD A6-9220e	1582	1767	NA	NA
AMD A6-9225	2442	1381	NA	NA
AMD A6-9230	2274	1445	NA	NA
AMD A6-9500	2973	1200	52.16	\$57.00
AMD A8 PRO-7150B APU	2670	1300	NA	NA
AMD A8 PRO-7600B APU	4811	775	NA	NA
AMD A8-3500M APU	1972	1564	28.19	\$69.95
AMD A8-3510MX APU	2367	1407	NA	NA
AMD A8-3520M APU	2178	1484	NA	NA
AMD A8-3530MX APU	2378	1402	NA	NA
AMD A8-3550MX APU	2610	1318	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-3800 APU	3040	1180	17.89	\$169.99*
AMD A8-3820 APU	3135	1149	25.09	\$124.99*
AMD A8-3850 APU	3469	1054	26.33	\$131.79*
AMD A8-3870K APU	3559	1030	17.66	\$201.54*
AMD A8-4500M APU	2664	1303	NA	NA
AMD A8-4555M APU	2124	1504	NA	NA
AMD A8-5500 APU	3995	929	30.97	\$129.00*
AMD A8-5500B APU	3950	937	NA	NA
AMD A8-5545M APU	2585	1328	NA	NA
AMD A8-5550M APU	3005	1191	NA	NA
AMD A8-5557M APU	2959	1205	NA	NA
AMD A8-5600K APU	4340	865	24.12	\$179.95
AMD A8-6410 APU	2569	1336	NA	NA
AMD A8-6500 APU	4386	854	27.25	\$160.99*
AMD A8-6500B APU	4603	813	NA	NA
AMD A8-6500T APU	3221	1116	NA	NA
AMD A8-6600K APU	4580	818	24.23	\$189.04*
AMD A8-7050	1986	1558	NA	NA
AMD A8-7100 APU	2810	1257	NA	NA
AMD A8-7200P	3300	1097	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7410 APU	2741	1283	NA	NA
AMD A8-7600 APU	5095	720	78.41	\$64.99*
AMD A8-7650K	4929	754	66.62	\$73.99
AMD A8-7670K	5105	717	31.75	\$160.80
AMD A8-8600P	3248	1108	NA	NA
AMD A8-8650	5470	664	NA	NA
AMD A8-9600	5007	740	86.35	\$57.99
AMD A9-9400	2302	1429	NA	NA
AMD A9-9410	2554	1339	NA	NA
AMD A9-9420	2309	1424	NA	NA
AMD A9-9420e	1803	1648	NA	NA
AMD A9-9425	2787	1264	NA	NA
AMD A9-9430	2513	1354	NA	NA
AMD A10 Micro-6700T APU	1890	1605	NA	NA
AMD A10 PRO-7350B APU	3212	1124	NA	NA
AMD A10 PRO-7800B APU	5352	685	NA	NA
AMD A10 PRO-7850B APU	5467	665	NA	NA
AMD A10-4600M APU	3112	1156	NA	NA
AMD A10-4655M APU	2594	1324	NA	NA
AMD A10-4657M APU	2906	1225	NA	NA
AMD A10-5700 APU	4209	888	13.23	\$318.06
AMD A10-5745M APU	2759	1275	NA	NA
AMD A10-5750M APU	3341	1088	NA	NA
AMD A10-5757M APU	3082	1164	NA	NA
AMD A10-5800B APU	4651	798	NA	NA
AMD A10-5800K APU	4637	801	36.81	\$125.99*
AMD A10-6700 APU	4600	814	9.05	\$508.16*
AMD A10-6700T APU	3691	1003	25.01	\$147.61*
AMD A10-6790K APU	4704	789	22.75	\$206.82*
AMD A10-6800B APU	4991	742	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-6800K APU	4858	763	16.94	\$286.85*
AMD A10-7300 APU	2905	1227	NA	NA
AMD A10-7400P	3636	1010	NA	NA
AMD A10-7700K APU	5130	712	51.31	\$99.99
AMD A10-7800 APU	4996	741	49.97	\$99.99
AMD A10-7850K APU	5475	661	42.12	\$129.99
AMD A10-7860K	5094	721	12.80	\$398.00
AMD A10-7870K	5472	662	21.89	\$249.99
AMD A10-7890K	5747	630	28.74	\$199.99
AMD A10-8700P	3450	1057	NA	NA
AMD A10-8750	5091	722	NA	NA
AMD A10-8850	5616	644	NA	NA
AMD A10-9600P	3797	971	NA	NA
AMD A10-9620P	3709	996	NA	NA
AMD A10-9630P	4497	833	NA	NA
AMD A10-9700	5448	669	77.85	\$69.99
AMD A10-9700E	4687	793	66.98	\$69.99
AMD A12-9700P	3732	990	NA	NA
AMD A12-9720P	4020	921	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A12-9730P	4351	862	NA	NA
AMD A12-9800	5516	658	42.44	\$129.99
AMD A12-9800E	5060	729	50.61	\$99.99
AMD Athlon64 X2 Dual Core 3800+	970	2097	NA	NA
AMD Athlon64 X2 Dual Core 4200+	1006	2071	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	2009	NA	NA
AMD Athlon 4	279	2610	7.00	\$39.99
AMD Athlon 64 2000+	116	2744	NA	NA
AMD Athlon 64 2200+	575	2300	NA	NA
AMD Athlon 64 2600+	374	2483	NA	NA
AMD Athlon 64 2800+	438	2413	4.38	\$99.99*
AMD Athlon 64 3000+	463	2383	7.72	\$60.00
AMD Athlon 64 3200+	491	2351	3.28	\$149.95*
AMD Athlon 64 3300+	576	2299	NA	NA
AMD Athlon 64 3400+	546	2313	NA	NA
AMD Athlon 64 3500+	539	2319	4.96	\$108.95
AMD Athlon 64 3600+	601	2287	NA	NA
AMD Athlon 64 3700+	599	2288	8.69	\$69.00*
AMD Athlon 64 3800+	588	2291	5.40	\$108.95
AMD Athlon 64 4000+	605	2282	20.19	\$30.00
AMD Athlon 64 FX-25	794	2195	NA	NA
AMD Athlon 64 FX-34	380	2474	NA	NA
AMD Athlon 64 FX-51	437	2414	NA	NA
AMD Athlon 64 FX-53	646	2262	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2226	4.01	\$179.95
AMD Athlon 64 FX-57	730	2222	NA	NA
AMD Athlon 64 FX-59	715	2230	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1914	NA	NA
AMD Athlon 64 FX-62 Dual Core	1579	1768	NA	NA
AMD Athlon 64 FX-72	1794	1653	NA	NA
AMD Athlon 64 FX-74	1495	1807	2.99	\$499.50*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 3800+	958	2109	NA	NA
AMD Athlon 64 X2 4200+	1285	1910	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1862	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2082	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	970	2098	16.17	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1001	2074	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1040	2049	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	2013	6.10	\$179.95
AMD Athlon 64 X2 Dual Core 4400+	1147	1991	5.74	\$199.95*
AMD Athlon 64 X2 Dual Core 4600+	1222	1947	3.40	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1257	1928	2.73	\$459.95*
AMD Athlon 64 X2 Dual Core 5000+	1312	1889	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1383	1852	26.06	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1444	1827	27.27	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1484	1812	9.90	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1787	38.26	\$39.95*
AMD Athlon 64 X2 Dual Core 6000+	1604	1756	49.38	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1791	1654	6.89	\$259.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core BE-230	1095	2017	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2028	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2047	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2175	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2176	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2096	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2154	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2187	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	872	2155	11.99	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	928	2128	NA	NA
AMD Athlon 64 X2 QL-60	918	2138	NA	NA
AMD Athlon 64 X2 QL-62	1014	2065	NA	NA
AMD Athlon 64 X2 QL-64	989	2086	NA	NA
AMD Athlon 64 X2 QL-65	1047	2045	NA	NA
AMD Athlon 64 X2 QL-66	947	2114	NA	NA
AMD Athlon 64 X2 QL-67	1006	2070	NA	NA
AMD Athlon 64 X2 TK-55	955	2110	NA	NA
AMD Athlon 64 X2 TK-57	988	2087	NA	NA
AMD Athlon 1500+	294	2583	NA	NA
AMD Athlon 1640B	678	2251	13.57	\$50.00*
AMD Athlon 1700+	349	2514	NA	NA
AMD Athlon 2000+	390	2469	NA	NA
AMD Athlon 2100+	412	2434	NA	NA
AMD Athlon 2200+	363	2500	4.55	\$79.99*
AMD Athlon 2400+	462	2385	NA	NA
AMD Athlon 2500+	374	2481	2.04	\$183.99*
AMD Athlon 2600+	444	2403	4.23	\$104.95*
AMD Athlon 2650e	410	2436	21.61	\$19.00*
AMD Athlon 2800+	447	2400	3.20	\$139.95*
AMD Athlon 2850e	504	2345	NA	NA
AMD Athlon 3100+	485	2363	NA	NA
AMD Athlon 3200+	458	2388	7.63	\$60.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 5000 Dual-Core	1292	1903	12.93	\$99.95*
AMD Athlon 5150 APU	2095	1515	13.10	\$159.95
AMD Athlon 5200 Dual-Core	1248	1934	41.64	\$29.99
AMD Athlon 5350 APU	2603	1322	7.85	\$331.40*
AMD Athlon 5370 APU	2898	1232	45.51	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1824	NA	NA
AMD Athlon 7550 Dual-Core	1458	1820	24.30	\$60.00*
AMD Athlon 7750 Dual-Core	1578	1769	10.61	\$148.71*
AMD Athlon 7850 Dual-Core	1715	1689	8.18	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2593	NA	NA
AMD Athlon Dual Core 4050e	1086	2024	NA	NA
AMD Athlon Dual Core 4450B	1162	1982	37.49	\$31.00*
AMD Athlon Dual Core 4450e	1100	2012	NA	NA
AMD Athlon Dual Core 4850B	1447	1825	NA	NA
AMD Athlon Dual Core 4850e	1312	1890	33.65	\$39.00*
AMD Athlon Dual Core 5000B	1300	1896	13.69	\$95.00*
AMD Athlon Dual Core 5050e	1347	1874	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	1314	1888	NA	NA
AMD Athlon Dual Core 5400B	1399	1845	NA	NA
AMD Athlon Dual Core 5600B	1304	1895	NA	NA
AMD Athlon II 160u	560	2309	18.68	\$29.99*
AMD Athlon II 170u	624	2275	20.84	\$29.95*
AMD Athlon II Dual-Core M300	1115	2001	NA	NA
AMD Athlon II Dual-Core M320	1140	1996	38.01	\$30.00*
AMD Athlon II Dual-Core M340	1056	2042	NA	NA
AMD Athlon II N330 Dual-Core	1154	1986	NA	NA
AMD Athlon II N350 Dual-Core	1247	1936	NA	NA
AMD Athlon II N370 Dual-Core	1559	1777	NA	NA
AMD Athlon II Neo K125	472	2376	NA	NA
AMD Athlon II Neo K145	525	2327	NA	NA
AMD Athlon II Neo K325 Dual-Core	774	2202	29.81	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2167	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2196	NA	NA
AMD Athlon II P320 Dual-Core	1216	1951	40.62	\$29.95*
AMD Athlon II P340 Dual-Core	1247	1937	27.75	\$44.95*
AMD Athlon II P360 Dual-Core	1322	1887	55.12	\$24.00*
AMD Athlon II X2 210e	1486	1810	NA	NA
AMD Athlon II X2 215	1576	1770	131.52	\$11.99*
AMD Athlon II X2 220	1634	1740	50.76	\$32.19
AMD Athlon II X2 225	1526	1788	NA	NA
AMD Athlon II X2 235e	1659	1727	9.13	\$181.88*
AMD Athlon II X2 240	1643	1734	47.03	\$34.95*
AMD Athlon II X2 240e	1695	1706	48.51	\$34.95*
AMD Athlon II X2 245	1661	1726	47.55	\$34.95*
AMD Athlon II X2 245e	1706	1696	21.33	\$80.00*
AMD Athlon II X2 250	1742	1675	44.74	\$38.95
AMD Athlon II X2 250e	1949	1576	25.41	\$76.73*
AMD Athlon II X2 250u	1000	2075	28.62	\$34.95*
AMD Athlon II X2 255	1846	1628	28.32	\$65.22*
AMD Athlon II X2 260	1873	1617	39.03	\$48.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 260u	1105	2010	13.25	\$83.44*
AMD Athlon II X2 265	1890	1606	22.81	\$82.88*
AMD Athlon II X2 270	1984	1559	42.67	\$46.50*
AMD Athlon II X2 270u	1350	1872	19.96	\$67.67*
AMD Athlon II X2 280	2133	1498	21.34	\$99.99*
AMD Athlon II X2 4300e	1350	1871	NA	NA
AMD Athlon II X2 4400e	1618	1748	NA	NA
AMD Athlon II X2 4450e	1504	1802	NA	NA
AMD Athlon II X2 B22	1711	1692	47.62	\$35.95*
AMD Athlon II X2 B24	1773	1662	44.38	\$39.95*
AMD Athlon II X2 B26	1880	1612	41.82	\$44.95*
AMD Athlon II X2 B28	2105	1511	42.92	\$49.05*
AMD Athlon II X3 400e	2009	1551	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1541	25.32	\$79.99*
AMD Athlon II X3 415e	2247	1457	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1438	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	2311	1423	22.18	\$104.21
AMD Athlon II X3 425e	2239	1462	NA	NA
AMD Athlon II X3 435	2470	1371	61.83	\$39.95
AMD Athlon II X3 440	2571	1334	54.78	\$46.95*
AMD Athlon II X3 445	2579	1331	28.35	\$91.00*
AMD Athlon II X3 450	2626	1312	65.68	\$39.99
AMD Athlon II X3 455	2768	1270	23.69	\$116.85
AMD Athlon II X3 460	2857	1240	57.17	\$49.99*
AMD Athlon II X4 553	3814	965	NA	NA
AMD Athlon II X4 555	3830	962	NA	NA
AMD Athlon II X4 559	4142	902	NA	NA
AMD Athlon II X4 600e	2453	1376	18.84	\$130.23*
AMD Athlon II X4 605e	2750	1279	27.01	\$101.80*
AMD Athlon II X4 610e	2800	1261	40.01	\$69.99*
AMD Athlon II X4 615e	2901	1231	49.17	\$59.00*
AMD Athlon II X4 620	2939	1212	49.04	\$59.95*
AMD Athlon II X4 620e	2906	1226	NA	NA
AMD Athlon II X4 630	3134	1151	49.80	\$62.95
AMD Athlon II X4 631 Quad-Core	3153	1147	39.42	\$80.00*
AMD Athlon II X4 635	3245	1109	46.40	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1127	NA	NA
AMD Athlon II X4 640	3315	1093	41.47	\$79.95
AMD Athlon II X4 641 Quad-Core	3355	1085	36.67	\$91.50*
AMD Athlon II X4 645	3475	1051	34.76	\$99.99
AMD Athlon II X4 650	3479	1049	20.89	\$166.60*
AMD Athlon II X4 651 Quad-Core	3565	1028	20.03	\$178.04*
AMD Athlon II X4 655	2998	1192	NA	NA
AMD Athlon II X4 6400e	2594	1323	NA	NA
AMD Athlon L110	306	2560	NA	NA
AMD Athlon LE-1600	567	2306	27.04	\$21.00*
AMD Athlon LE-1620	572	2303	31.83	\$18.00*
AMD Athlon LE-1640	630	2272	NA	NA
AMD Athlon LE-1660	688	2245	NA	NA
AMD Athlon MP	230	2666	4.20	\$54.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon MP 1700+	339	2526	NA	NA
AMD Athlon MP 2400+	436	2415	NA	NA
AMD Athlon MP 2800+	497	2348	NA	NA
AMD Athlon Neo MV-40	409	2440	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2073	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2201	NA	NA
AMD Athlon Neo X2 Dual Core L335	824	2181	NA	NA
AMD Athlon PRO 200GE	5261	700	NA	NA
AMD Athlon QI-46	473	2375	NA	NA
AMD Athlon TF-20	414	2432	NA	NA
AMD Athlon TF-36	358	2504	NA	NA
AMD Athlon X2 215	1543	1782	NA	NA
AMD Athlon X2 235e	1806	1647	NA	NA
AMD Athlon X2 240	1575	1774	NA	NA
AMD Athlon X2 240e	1670	1719	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	1705	NA	NA
AMD Athlon X2 255	1627	1743	NA	NA
AMD Athlon X2 280	2303	1428	13.17	\$174.81*
AMD Athlon X2 340 Dual Core	1901	1597	38.03	\$49.99
AMD Athlon X2 370K Dual Core	2251	1454	NA	NA
AMD Athlon X2 440	1424	1837	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2199	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2076	NA	NA
AMD Athlon X2 Dual Core BE-2300	925	2132	NA	NA
AMD Athlon X2 Dual Core BE-2350	1104	2011	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	1952	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1932	NA	NA
AMD Athlon X2 Dual Core L310	643	2265	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2068	NA	NA
AMD Athlon X3 425	2191	1479	NA	NA
AMD Athlon X3 435	2574	1333	26.96	\$95.49*
AMD Athlon X3 440	2078	1522	23.62	\$87.99*
AMD Athlon X3 445	2314	1421	NA	NA
AMD Athlon X3 450	3064	1171	38.80	\$78.99*
AMD Athlon X3 455	2401	1396	NA	NA
AMD Athlon X4 605e	2505	1358	NA	NA
AMD Athlon X4 620	2861	1238	47.74	\$59.95
AMD Athlon X4 635	2891	1234	23.71	\$121.99*
AMD Athlon X4 640	3172	1135	NA	NA
AMD Athlon X4 740 Quad Core	4006	926	14.47	\$277.00*
AMD Athlon X4 750 Quad Core	4551	824	NA	NA
AMD Athlon X4 750K Quad Core	4250	882	55.21	\$76.99*
AMD Athlon X4 760K Quad Core	4592	817	99.83	\$46.00
AMD Athlon X4 830	4701	791	NA	NA
AMD Athlon X4 840	5035	734	63.95	\$78.74*
AMD Athlon X4 845	5425	675	108.52	\$49.99
AMD Athlon X4 860K	5440	673	85.04	\$63.98
AMD Athlon X4 870K	5313	694	88.58	\$59.99
AMD Athlon X4 880K	5559	652	64.65	\$85.99
AMD Athlon X4 950	5301	696	84.90	\$62.44

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP1600+	281	2605	NA	NA
AMD Athlon XP1700+	234	2662	NA	NA
AMD Athlon XP1900+	353	2510	NA	NA
AMD Athlon XP2100+	287	2595	NA	NA
AMD Athlon XP2200+	401	2453	NA	NA
AMD Athlon XP2400+	374	2482	NA	NA
AMD Athlon XP 1500	282	2604	NA	NA
AMD Athlon XP 1500+	257	2636	NA	NA
AMD Athlon XP 1600+	267	2625	NA	NA
AMD Athlon XP 1700	344	2522	NA	NA
AMD Athlon XP 1700+	271	2620	NA	NA
AMD Athlon XP 1800+	300	2571	5.10	\$58.95*
AMD Athlon XP 1900+	312	2553	NA	NA
AMD Athlon XP 2000+	299	2572	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	2537	NA	NA
AMD Athlon XP 2200+	328	2535	3.87	\$84.95*
AMD Athlon XP 2300+	464	2382	NA	NA
AMD Athlon XP 2400+	360	2503	4.01	\$89.99*
AMD Athlon XP 2500+	355	2507	NA	NA
AMD Athlon XP 2600+	372	2486	16.18	\$23.03*
AMD Athlon XP 2700+	393	2463	4.64	\$84.79*
AMD Athlon XP 2800+	399	2456	NA	NA
AMD Athlon XP 2900+	440	2408	NA	NA
AMD Athlon XP 3000+	402	2452	5.05	\$79.70*
AMD Athlon XP 3100+	433	2421	NA	NA
AMD Athlon XP 3200+	433	2420	NA	NA
AMD Athlon XP 3400+	570	2305	NA	NA
AMD Athlon XP Pro3+	367	2492	NA	NA
AMD Athlon XP-M	541	2318	15.48	\$34.95*
AMD C-30	310	2556	NA	NA
AMD C-50	463	2384	NA	NA
AMD C-60	476	2373	NA	NA
AMD C-60 APU	544	2314	NA	NA
AMD C-70 APU	565	2308	NA	NA
AMD E1 Micro-6200T APU	960	2107	NA	NA
AMD E1-1200 APU	658	2258	NA	NA
AMD E1-1500 APU	687	2246	NA	NA
AMD E1-2100 APU	633	2270	NA	NA
AMD E1-2200 APU	767	2204	NA	NA
AMD E1-2500 APU	891	2150	NA	NA
AMD E1-6010 APU	856	2166	NA	NA
AMD E1-6015 APU	891	2151	NA	NA
AMD E1-7010 APU	1011	2067	NA	NA
AMD E2-1800 APU	819	2185	NA	NA
AMD E2-2000 APU	829	2180	NA	NA
AMD E2-3000 APU	1088	2022	NA	NA
AMD E2-3000M APU	1094	2018	54.72	\$20.00*
AMD E2-3200 APU	1428	1832	178.82	\$7.99*
AMD E2-3800 APU	1644	1732	NA	NA
AMD E2-6110 APU	1900	1599	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E2-7110 APU	2282	1442	NA	NA
AMD E2-9000	1612	1753	NA	NA
AMD E2-9000e	1331	1881	NA	NA
AMD E2-9010	1774	1661	NA	NA
AMD E-240	318	2543	NA	NA
AMD E-300 APU	611	2281	NA	NA
AMD E-350	747	2216	NA	NA
AMD E-350 APU	757	2212	NA	NA
AMD E-350D APU	723	2225	NA	NA
AMD E-450 APU	767	2205	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1672	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1518	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2509	1355	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	1391	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	727	NA	NA
AMD Embedded R-Series RX-421BD	4635	803	NA	NA
AMD EPYC 7251 8-Core	10679	215	21.40	\$498.99
AMD EPYC 7351P	15820	91	15.59	\$1,014.91
AMD EPYC 7401P	18546	48	17.25	\$1,075.00
AMD EPYC 7501	18942	45	4.26	\$4,451.21
AMD EPYC 7551	18483	50	4.89	\$3,776.99
AMD FirePro A320 APU	4540	826	NA	NA
AMD FX-670K Quad-Core	4532	830	NA	NA
AMD FX-770K Quad-Core	4788	780	NA	NA
AMD FX-870K Quad Core	5126	713	NA	NA
AMD FX-4100 Quad-Core	4066	913	31.28	\$129.99*
AMD FX-4130 Quad-Core	4172	896	54.91	\$75.99*
AMD FX-4150 Quad-Core	4594	816	NA	NA
AMD FX-4170 Quad-Core	4854	765	48.55	\$99.99
AMD FX-4200 Quad-Core	4261	878	18.68	\$228.21*
AMD FX-4300 Quad-Core	4682	794	87.70	\$53.39
AMD FX-4320	5009	739	NA	NA
AMD FX-4330	5321	693	NA	NA
AMD FX-4350 Quad-Core	5333	690	41.03	\$129.99
AMD FX-6100 Six-Core	5379	680	17.99	\$299.00
AMD FX-6120 Six-Core	5745	631	NA	NA
AMD FX-6130 Six-Core	6215	576	NA	NA
AMD FX-6200 Six-Core	6124	589	18.02	\$339.95
AMD FX-6300 Six-Core	6384	570	116.11	\$54.99
AMD FX-6330 Six-Core	6916	518	NA	NA
AMD FX-6350 Six-Core	6989	509	53.77	\$129.99
AMD FX-7500 APU	3213	1123	NA	NA
AMD FX-7600P	4053	915	NA	NA
AMD FX-7600P APU	4627	805	NA	NA
AMD FX-8100 Eight-Core	6018	600	42.39	\$142.00*
AMD FX-8120 Eight-Core	6594	546	65.95	\$99.99
AMD FX-8140 Eight-Core	6033	599	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8150 Eight-Core	7624	452	19.88	\$383.50*
AMD FX-8300 Eight-Core	7719	443	87.33	\$88.39
AMD FX-8310 Eight-Core	7754	438	NA	NA
AMD FX-8320 Eight-Core	8018	418	102.81	\$78.00
AMD FX-8320E Eight-Core	7538	457	74.64	\$101.00
AMD FX-8350 Eight-Core	8948	346	111.86	\$79.99
AMD FX-8370 Eight-Core	9026	339	69.85	\$129.23
AMD FX-8370E Eight-Core	7804	432	40.44	\$193.00
AMD FX-8800P	4139	904	NA	NA
AMD FX-9370 Eight-Core	9468	299	63.13	\$149.98
AMD FX-9590 Eight-Core	10195	240	102.21	\$99.75
AMD FX-9800P	3999	928	NA	NA
AMD FX-9830P	4756	784	NA	NA
AMD FX-B4150 Quad-Core	4611	809	NA	NA
AMD G-T40E	485	2361	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	2334	NA	NA
AMD G-T44R	227	2668	NA	NA
AMD G-T48E	716	2229	NA	NA
AMD G-T52R	303	2565	NA	NA
AMD G-T56E	751	2214	NA	NA
AMD G-T56N	786	2198	NA	NA
AMD Geode NX	264	2628	NA	NA
AMD Geode NX 1750	291	2584	NA	NA
AMD GX-210JA SOC	401	2454	NA	NA
AMD GX-212JC SOC	744	2217	NA	NA
AMD GX-217GA SOC	1097	2014	NA	NA
AMD GX-218GL SOC	1115	2000	NA	NA
AMD GX-222GC SOC	1255	1930	NA	NA
AMD GX-412HC	1497	1806	NA	NA
AMD GX-415GA SOC	1950	1575	NA	NA
AMD GX-420CA SOC	2334	1415	NA	NA
AMD GX-424CC SOC	2488	1364	NA	NA
AMD K7	403	2449	NA	NA
AMD Opteron 140	396	2459	0.56	\$710.00
AMD Opteron 142	428	2426	NA	NA
AMD Opteron 144	486	2360	7.48	\$65.00*
AMD Opteron 146	532	2324	8.87	\$59.99*
AMD Opteron 148	603	2286	NA	NA
AMD Opteron 150	604	2284	NA	NA
AMD Opteron 152	658	2256	NA	NA
AMD Opteron 154	703	2239	NA	NA
AMD Opteron 165	899	2148	1.47	\$610.00*
AMD Opteron 170	1097	2015	NA	NA
AMD Opteron 175	1167	1976	NA	NA
AMD Opteron 180	1228	1944	9.45	\$129.95*
AMD Opteron 185	1360	1865	NA	NA
AMD Opteron 246	632	2271	31.62	\$19.99
AMD Opteron 248	476	2372	4.77	\$99.95
AMD Opteron 250	649	2261	59.01	\$11.00*
AMD Opteron 252	760	2209	12.00	\$63.36*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 254	693	2242	NA	NA
AMD Opteron 256	963	2104	50.72	\$19.00*
AMD Opteron 265	963	2105	6.02	\$159.95*
AMD Opteron 270	1083	2027	1.78	\$607.47*
AMD Opteron 275	1291	1906	19.87	\$64.99
AMD Opteron 280	1272	1920	1.60	\$796.67*
AMD Opteron 285	1470	1815	NA	NA
AMD Opteron 290	1464	1817	10.85	\$135.00*
AMD Opteron 1210	923	2134	NA	NA
AMD Opteron 1210 HE	971	2095	NA	NA
AMD Opteron 1212	1009	2069	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1893	NA	NA
AMD Opteron 1214	1191	1962	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1897	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1216	1311	1891	23.91	\$54.85*
AMD Opteron 1216 HE	1172	1973	NA	NA
AMD Opteron 1218	1468	1816	NA	NA
AMD Opteron 1218 HE	1444	1828	NA	NA
AMD Opteron 1220	1653	1731	NA	NA
AMD Opteron 1222	1757	1668	NA	NA
AMD Opteron 1352	2316	1420	17.04	\$135.99*
AMD Opteron 1354	2630	1311	8.49	\$309.97*
AMD Opteron 1356	2765	1272	30.73	\$89.99*
AMD Opteron 1381	3065	1170	NA	NA
AMD Opteron 2212	1270	1924	105.89	\$12.00*
AMD Opteron 2214	1358	1868	46.85	\$29.00
AMD Opteron 2214 HE	1415	1840	NA	NA
AMD Opteron 2216	1518	1797	8.53	\$178.00*
AMD Opteron 2218	1594	1764	49.18	\$32.42*
AMD Opteron 2220	1701	1703	1.15	\$1,475.16*
AMD Opteron 2220 SE	1398	1846	55.92	\$25.00
AMD Opteron 2222	1843	1631	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1587	NA	NA
AMD Opteron 2350	2820	1250	10.45	\$269.99*
AMD Opteron 2356	2814	1254	188.25	\$14.95
AMD Opteron 2373 EE	2789	1263	NA	NA
AMD Opteron 2374 HE	2951	1207	15.53	\$189.99*
AMD Opteron 2376	2283	1441	13.69	\$166.80*
AMD Opteron 2378	3179	1130	17.76	\$179.00*
AMD Opteron 2380	2640	1309	105.64	\$25.00*
AMD Opteron 2384	3538	1036	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1037	NA	NA
AMD Opteron 2393 SE	2246	1458	NA	NA
AMD Opteron 2427	3069	1168	31.00	\$99.00
AMD Opteron 2431	4516	831	112.91	\$40.00*
AMD Opteron 2435	4708	788	39.11	\$120.40*
AMD Opteron 3260 HE	3259	1104	NA	NA
AMD Opteron 3280	5286	698	19.35	\$273.18*
AMD Opteron 3320 EE	2675	1299	NA	NA
AMD Opteron 3350 HE	4009	925	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 3365	5929	607	NA	NA
AMD Opteron 3380	6384	571	7.89	\$809.00*
AMD Opteron 4122	2942	1211	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1138	NA	NA
AMD Opteron 4184	4418	847	8.50	\$519.95*
AMD Opteron 4280	6430	565	128.63	\$49.99
AMD Opteron 4284	6660	539	111.03	\$59.99
AMD Opteron 4332 HE	5614	645	NA	NA
AMD Opteron 4334	6133	588	28.34	\$216.42*
AMD Opteron 4365 EE	5025	735	NA	NA
AMD Opteron 4386	5419	677	38.71	\$139.99
AMD Opteron 6128	4505	832	214.63	\$20.99
AMD Opteron 6134	2938	1214	8.93	\$329.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6136	4631	804	12.90	\$359.00
AMD Opteron 6164 HE	5351	686	NA	NA
AMD Opteron 6174	6171	583	29.39	\$209.98
AMD Opteron 6176 SE	5446	670	19.73	\$276.03
AMD Opteron 6212	5776	626	192.62	\$29.99
AMD Opteron 6220	6785	525	113.11	\$59.99
AMD Opteron 6234	5979	602	85.44	\$69.99*
AMD Opteron 6238	7316	475	121.96	\$59.99
AMD Opteron 6272	6748	531	135.00	\$49.99
AMD Opteron 6274	4865	761	23.17	\$210.00*
AMD Opteron 6276	9011	340	112.66	\$79.99
AMD Opteron 6282 SE	9116	330	70.13	\$129.99
AMD Opteron 6287 SE	9789	274	NA	NA
AMD Opteron 6328	7813	431	39.07	\$199.99
AMD Opteron 6366 HE	7503	461	37.52	\$199.99
AMD Opteron 6376	9414	305	30.48	\$308.89
AMD Opteron 6378	2152	1491	10.76	\$199.99
AMD Opteron 6380	10081	252	100.83	\$99.99
AMD Opteron 6386 SE	10748	211	71.66	\$149.99
AMD Opteron 8354	2255	1453	102.52	\$22.00
AMD Opteron 8439 SE	3813	966	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1172	NA	NA
AMD Opteron X3216 APU	2368	1406	NA	NA
AMD Opteron X3421 APU	4894	757	NA	NA
AMD Phenom 2 X4 12000	3005	1190	NA	NA
AMD Phenom 7950 Quad-Core	2991	1195	NA	NA
AMD Phenom 8250 Triple-Core	1644	1733	NA	NA
AMD Phenom 8250e Triple-Core	1619	1747	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1637	1738	NA	NA
AMD Phenom 8450 Triple-Core	1888	1609	63.04	\$29.95*
AMD Phenom 8450e Triple-Core	2040	1535	NA	NA
AMD Phenom 8600 Triple-Core	1703	1701	32.15	\$52.99*
AMD Phenom 8600B Triple-Core	1919	1586	36.23	\$52.99*
AMD Phenom 8650 Triple-Core	1992	1555	39.86	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1528	NA	NA
AMD Phenom 8750B Triple-Core	2034	1538	NA	NA
AMD Phenom 8850 Triple-Core	2026	1540	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8850B Triple-Core	2080	1521	NA	NA
AMD Phenom 9100e Quad-Core	1835	1635	45.96	\$39.95*
AMD Phenom 9150e Quad-Core	2113	1509	52.90	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1419	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1315	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2204	1474	24.50	\$89.96*
AMD Phenom 9550 Quad-Core	2545	1340	63.71	\$39.95*
AMD Phenom 9600 Quad-Core	2304	1427	46.13	\$49.95*
AMD Phenom 9600B Quad-Core	2577	1332	17.51	\$147.19*
AMD Phenom 9650 Quad-Core	2641	1308	48.07	\$54.95*
AMD Phenom 9750 Quad-Core	2813	1255	46.93	\$59.95*
AMD Phenom 9750B Quad-Core	2709	1290	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9850 Quad-Core	2893	1233	57.87	\$50.00*
AMD Phenom 9850B Quad-Core	3160	1144	NA	NA
AMD Phenom 9950 Quad-Core	3014	1188	16.75	\$179.98*
AMD Phenom FX-5000 Quad-Core	2518	1351	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1208	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1014	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1046	NA	NA
AMD Phenom II N620 Dual-Core	1681	1713	42.18	\$39.86*
AMD Phenom II N640 Dual-Core	1740	1679	26.80	\$64.95
AMD Phenom II N660 Dual-Core	1853	1625	18.72	\$99.00*
AMD Phenom II N830 3+1	2652	1305	NA	NA
AMD Phenom II N830 Triple-Core	1889	1607	NA	NA
AMD Phenom II N850 Triple-Core	1935	1580	77.42	\$25.00*
AMD Phenom II N870 Triple-Core	1988	1557	NA	NA
AMD Phenom II N930 Quad-Core	2267	1449	17.45	\$129.95*
AMD Phenom II N950 Quad-Core	2482	1367	22.05	\$112.60*
AMD Phenom II N970 Quad-Core	2523	1349	16.83	\$149.99*
AMD Phenom II P650 Dual-Core	1604	1757	45.85	\$35.00*
AMD Phenom II P820 Triple-Core	1602	1759	NA	NA
AMD Phenom II P840 Triple-Core	1738	1680	NA	NA
AMD Phenom II P860 Triple-Core	1759	1666	NA	NA
AMD Phenom II P920 Quad-Core	1861	1621	24.82	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1642	NA	NA
AMD Phenom II P960 Quad-Core	2087	1519	74.56	\$28.00*
AMD Phenom II X2 511	2104	1512	NA	NA
AMD Phenom II X2 521	2077	1523	NA	NA
AMD Phenom II X2 545	1911	1591	43.46	\$43.98
AMD Phenom II X2 550	2021	1542	40.43	\$49.99
AMD Phenom II X2 555	2043	1534	14.37	\$142.14
AMD Phenom II X2 560	2057	1529	51.46	\$39.99
AMD Phenom II X2 565	2211	1470	73.73	\$29.99
AMD Phenom II X2 570	1960	1569	NA	NA
AMD Phenom II X2 B53	1709	1693	NA	NA
AMD Phenom II X2 B55	1937	1579	40.37	\$48.00*
AMD Phenom II X2 B57	1851	1627	NA	NA
AMD Phenom II X2 B59	2138	1496	42.82	\$49.95*
AMD Phenom II X3 700e	2285	1440	NA	NA
AMD Phenom II X3 705e	2227	1466	14.63	\$152.34*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 710	2443	1379	28.91	\$84.53*
AMD Phenom II X3 715	2649	1306	31.17	\$84.99*
AMD Phenom II X3 720	2683	1297	38.34	\$69.99
AMD Phenom II X3 740	2994	1194	33.65	\$88.99*
AMD Phenom II X3 B73	2735	1287	36.47	\$75.00*
AMD Phenom II X3 B75	2946	1209	NA	NA
AMD Phenom II X3 B77	3067	1169	NA	NA
AMD Phenom II X4 805	2997	1193	17.23	\$173.99*
AMD Phenom II X4 810	3126	1152	26.96	\$115.99*
AMD Phenom II X4 820	3414	1064	45.56	\$74.95*
AMD Phenom II X4 830	3437	1059	43.00	\$79.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 840	3511	1042	39.03	\$89.95*
AMD Phenom II X4 840T	3602	1016	45.05	\$79.95*
AMD Phenom II X4 850	3549	1033	31.83	\$111.49*
AMD Phenom II X4 900e	2882	1236	NA	NA
AMD Phenom II X4 905e	3087	1163	14.54	\$212.38*
AMD Phenom II X4 910	3255	1106	32.56	\$100.00*
AMD Phenom II X4 910e	3260	1103	20.77	\$156.99*
AMD Phenom II X4 920	3399	1069	50.75	\$66.99
AMD Phenom II X4 925	3422	1062	21.39	\$159.99*
AMD Phenom II X4 940	3596	1018	29.97	\$119.99*
AMD Phenom II X4 945	3668	1007	30.58	\$119.99
AMD Phenom II X4 955	3936	945	30.24	\$130.16*
AMD Phenom II X4 960T	3794	972	28.11	\$134.99*
AMD Phenom II X4 965	4195	891	70.51	\$59.50
AMD Phenom II X4 970	4328	869	29.23	\$148.11*
AMD Phenom II X4 973	3759	982	NA	NA
AMD Phenom II X4 975	4480	838	35.37	\$126.69
AMD Phenom II X4 977	3750	985	NA	NA
AMD Phenom II X4 980	4494	834	32.90	\$136.64*
AMD Phenom II X4 8700e	2377	1403	NA	NA
AMD Phenom II X4 B05e	2781	1266	NA	NA
AMD Phenom II X4 B15e	2736	1286	NA	NA
AMD Phenom II X4 B25	3336	1089	NA	NA
AMD Phenom II X4 B35	3383	1077	NA	NA
AMD Phenom II X4 B40	3406	1067	NA	NA
AMD Phenom II X4 B45	3469	1053	NA	NA
AMD Phenom II X4 B50	3703	1001	NA	NA
AMD Phenom II X4 B55	3860	955	NA	NA
AMD Phenom II X4 B60	4044	917	NA	NA
AMD Phenom II X4 B65	4177	895	NA	NA
AMD Phenom II X4 B70	4261	879	NA	NA
AMD Phenom II X4 B93	3361	1083	NA	NA
AMD Phenom II X4 B95	3708	997	50.83	\$72.95*
AMD Phenom II X4 B97	3884	950	48.59	\$79.95*
AMD Phenom II X4 B99	4130	908	NA	NA
AMD Phenom II X6 1035T	4665	796	24.68	\$189.00*
AMD Phenom II X6 1045T	4822	773	27.56	\$175.00*
AMD Phenom II X6 1055T	4970	744	26.87	\$185.00*
AMD Phenom II X6 1065T	5080	725	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1075T	5346	688	20.56	\$259.99*
AMD Phenom II X6 1090T	5590	649	14.11	\$396.08*
AMD Phenom II X6 1100T	5738	632	28.70	\$199.99
AMD Phenom II X6 1405T	5042	732	NA	NA
AMD Phenom II X620 Dual-Core	2189	1481	NA	NA
AMD Phenom II X640 Dual-Core	2021	1543	NA	NA
AMD Phenom II X920 Quad-Core	2638	1310	NA	NA
AMD Phenom II X940 Quad-Core	2695	1294	NA	NA
AMD Phenom Ultra X4 24500	3945	941	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1704	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-5560	2206	1473	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1671	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1968	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1831	NA	NA
AMD Phenom X3 8550	1930	1583	11.36	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1667	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1553	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1464	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2812	1256	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1289	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1295	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1955	NA	NA
AMD PRO A4-3350B APU	2833	1245	NA	NA
AMD PRO A4-8350B	2922	1218	NA	NA
AMD PRO A6-7350B	2759	1276	NA	NA
AMD PRO A6-8500B	2516	1352	NA	NA
AMD PRO A6-8530B	2435	1383	NA	NA
AMD PRO A6-8550B	3018	1185	NA	NA
AMD PRO A6-8570	3049	1176	NA	NA
AMD PRO A6-8570E	2824	1249	NA	NA
AMD PRO A6-9500	3239	1112	43.77	\$74.00*
AMD PRO A6-9500B	2076	1524	NA	NA
AMD PRO A6-9500E	2761	1274	37.31	\$74.00*
AMD PRO A8-8600B	3553	1031	NA	NA
AMD PRO A8-8650B	5426	674	NA	NA
AMD PRO A8-8670E	4692	792	NA	NA
AMD PRO A8-9600	5321	692	44.72	\$119.00*
AMD PRO A8-9600B	4004	927	NA	NA
AMD PRO A10-8700B	3581	1024	NA	NA
AMD PRO A10-8730B	3949	938	NA	NA
AMD PRO A10-8750B	5646	643	NA	NA
AMD PRO A10-8770	5707	633	NA	NA
AMD PRO A10-8770E	4855	764	NA	NA
AMD PRO A10-8850B	5852	615	NA	NA
AMD PRO A10-9700	5683	636	33.63	\$169.00*
AMD PRO A10-9700B	4393	851	NA	NA
AMD PRO A10-9700E	4922	756	35.42	\$139.00*
AMD PRO A12-8800B	4154	901	NA	NA
AMD PRO A12-8830B	4377	855	NA	NA
AMD PRO A12-8870	6067	595	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A12-8870E	5186	707	NA	NA
AMD PRO A12-9800	6199	580	36.68	\$169.00*
AMD PRO A12-9800B	4157	900	NA	NA
AMD PRO A12-9800E	4793	779	28.36	\$169.00*
AMD QC-4000	1663	1724	NA	NA
AMD R-260H APU	1576	1771	NA	NA
AMD R-460L APU	1954	1571	NA	NA
AMD R-464L APU	3117	1154	NA	NA
AMD RX-427BB	4250	883	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 3 1200	6758	530	71.89	\$94.00
AMD Ryzen 3 1300X	7506	460	58.20	\$128.98
AMD Ryzen 3 2200G	7314	476	73.97	\$98.89
AMD Ryzen 3 2200GE	7229	486	NA	NA
AMD Ryzen 3 2200U	4487	836	NA	NA
AMD Ryzen 3 2300U	6922	515	NA	NA
AMD Ryzen 3 PRO 1200	7069	502	NA	NA
AMD Ryzen 3 PRO 1300	8300	391	NA	NA
AMD Ryzen 3 PRO 2200G	8106	408	NA	NA
AMD Ryzen 3 PRO 2200GE	8004	420	NA	NA
AMD Ryzen 3 PRO 2300U	7313	477	NA	NA
AMD Ryzen 5 1400	8397	385	62.21	\$134.99
AMD Ryzen 5 1500X	10100	249	69.71	\$144.89
AMD Ryzen 5 1600	12270	171	81.81	\$149.99
AMD Ryzen 5 1600X	13226	150	69.82	\$189.45
AMD Ryzen 5 2400G	9267	319	58.29	\$158.99
AMD Ryzen 5 2400GE	8513	378	NA	NA
AMD Ryzen 5 2500U	7448	464	NA	NA
AMD Ryzen 5 2600	13494	144	81.79	\$164.99
AMD Ryzen 5 2600X	14376	119	65.35	\$219.99
AMD Ryzen 5 PRO 1500	10191	241	NA	NA
AMD Ryzen 5 PRO 1600	12213	173	NA	NA
AMD Ryzen 5 PRO 2400G	10182	243	NA	NA
AMD Ryzen 5 PRO 2400GE	9712	285	NA	NA
AMD Ryzen 5 PRO 2500U	9171	324	NA	NA
AMD Ryzen 5 PRO 2600	14645	111	NA	NA
AMD Ryzen 7 1700	13745	136	65.46	\$209.99
AMD Ryzen 7 1700X	14633	112	66.52	\$219.99
AMD Ryzen 7 1800X	15399	96	57.68	\$266.96
AMD Ryzen 7 2700	15067	103	51.96	\$289.99
AMD Ryzen 7 2700U	7545	456	NA	NA
AMD Ryzen 7 2700X	16922	67	52.89	\$319.99
AMD Ryzen 7 PRO 1700	14811	108	NA	NA
AMD Ryzen 7 PRO 1700X	15349	97	NA	NA
AMD Ryzen 7 PRO 2700	16341	78	NA	NA
AMD Ryzen 7 PRO 2700U	9052	336	NA	NA
AMD Ryzen 7 PRO 2700X	17272	62	NA	NA
AMD Ryzen Embedded V1807B	7185	489	NA	NA
AMD Ryzen Threadripper 1900X	15701	93	49.07	\$319.99
AMD Ryzen Threadripper 1920X	18206	54	32.76	\$555.82
AMD Ryzen Threadripper 1950X	22173	19	31.68	\$699.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Threadripper 2950X	26427	4	29.36	\$899.99
AMD Ryzen Threadripper 2990WX	24593	11	14.06	\$1,749.00
AMD Sempron 130	656	2259	26.29	\$24.99*
AMD Sempron 140	734	2219	18.56	\$39.59*
AMD Sempron 145	810	2191	8.54	\$94.92
AMD Sempron 150	707	2235	15.74	\$44.95
AMD Sempron 200U	267	2624	3.08	\$87.00*
AMD Sempron 210U	378	2477	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2100+	392	2466	NA	NA
AMD Sempron 2200+	281	2608	9.38	\$29.99*
AMD Sempron 2300+	318	2544	7.07	\$45.00*
AMD Sempron 2400+	313	2552	11.62	\$27.00*
AMD Sempron 2500+	335	2528	4.20	\$79.95*
AMD Sempron 2600+	373	2484	10.70	\$34.95
AMD Sempron 2650 APU	939	2121	24.10	\$39.00
AMD Sempron 2800+	383	2472	19.19	\$19.99
AMD Sempron 3000+	408	2441	20.43	\$20.00
AMD Sempron 3100+	452	2395	7.53	\$60.00*
AMD Sempron 3200+	406	2443	31.29	\$13.00*
AMD Sempron 3300+	484	2366	8.07	\$60.00
AMD Sempron 3400+	454	2393	15.18	\$29.91
AMD Sempron 3500+	384	2471	19.23	\$20.00*
AMD Sempron 3600+	487	2358	40.59	\$12.00*
AMD Sempron 3800+	554	2311	26.39	\$21.00*
AMD Sempron 3850 APU	1707	1694	50.23	\$33.99
AMD Sempron Dual Core 2100	936	2123	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2080	NA	NA
AMD Sempron Dual Core 2300	982	2089	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2113	NA	NA
AMD Sempron Dual Core 4900	1081	2029	NA	NA
AMD Sempron LE-250	490	2353	NA	NA
AMD Sempron LE-1100	438	2412	NA	NA
AMD Sempron LE-1150	445	2401	NA	NA
AMD Sempron LE-1200	528	2325	NA	NA
AMD Sempron LE-1250	541	2317	5.41	\$99.95
AMD Sempron LE-1300	612	2280	30.64	\$20.00
AMD Sempron LE-1600	535	2322	NA	NA
AMD Sempron LE-1620	635	2269	NA	NA
AMD Sempron LE-1640	759	2210	NA	NA
AMD Sempron M100	558	2310	46.58	\$12.00*
AMD Sempron M120	582	2294	NA	NA
AMD Sempron SI-40	443	2404	36.93	\$12.00*
AMD Sempron SI-42	453	2394	15.11	\$30.01
AMD Sempron X2 180	1222	1948	17.62	\$69.40*
AMD Sempron X2 190	1509	1799	18.09	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1841	NA	NA
AMD Turion 64 Mobile MK-36	465	2380	NA	NA
AMD Turion 64 Mobile MK-38	513	2336	NA	NA
AMD Turion 64 Mobile ML-28	390	2468	NA	NA
AMD Turion 64 Mobile ML-30	402	2451	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	410	2437	NA	NA
AMD Turion 64 Mobile ML-34	425	2428	NA	NA
AMD Turion 64 Mobile ML-37	441	2405	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2330	NA	NA
AMD Turion 64 Mobile ML-42	615	2277	NA	NA
AMD Turion 64 Mobile ML-44	591	2289	NA	NA
AMD Turion 64 Mobile MT-28	419	2429	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 MT-30	378	2475	NA	NA
AMD Turion 64 Mobile MT-32	426	2427	NA	NA
AMD Turion 64 Mobile MT-34	429	2424	NA	NA
AMD Turion 64 Mobile MT-37	484	2364	NA	NA
AMD Turion 64 Mobile MT-40	536	2320	NA	NA
AMD Turion 64 X2 Mobile TL-50	751	2213	15.04	\$49.99*
AMD Turion 64 X2 Mobile TL-52	760	2208	NA	NA
AMD Turion 64 X2 Mobile TL-56	885	2152	44.29	\$20.00*
AMD Turion 64 X2 Mobile TL-58	943	2116	NA	NA
AMD Turion 64 X2 Mobile TL-60	993	2084	41.49	\$23.95*
AMD Turion 64 X2 Mobile TL-62	1091	2020	3.51	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1110	2005	28.20	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1148	1988	3.04	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	1980	12.92	\$90.00*
AMD Turion Dual-Core RM-70	904	2146	60.27	\$15.00*
AMD Turion Dual-Core RM-72	860	2162	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2063	NA	NA
AMD Turion Dual-Core RM-75	977	2091	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1292	1902	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1894	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1879	NA	NA
AMD Turion II N530 Dual-Core	1583	1766	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1790	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2093	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	1965	NA	NA
AMD Turion II Neo N40L Dual-Core	918	2137	NA	NA
AMD Turion II Neo N54L Dual-Core	1376	1857	NA	NA
AMD Turion II P520 Dual-Core	1360	1866	NA	NA
AMD Turion II P540 Dual-Core	1438	1830	28.79	\$49.95*
AMD Turion II P560 Dual-Core	1511	1798	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1409	1842	58.74	\$24.00*
AMD Turion II Ultra Dual-Core Mobile M620	1427	1833	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1720	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1786	NA	NA
AMD Turion Neo X2 Dual Core L625	820	2184	NA	NA
AMD Turion X2 Dual Core L510	923	2135	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2164	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2039	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	994	2081	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1089	2021	4.86	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1060	2038	42.49	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1140	1995	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	1987	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1014	2066	72.45	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2025	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	1953	94.53	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	1942	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1900	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1354	1870	33.92	\$39.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD TurionX2 Dual Core Mobile RM-70	997	2077	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2055	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1822	NA	NA
AMD V105	299	2573	NA	NA
AMD V120	622	2276	NA	NA
AMD V140	640	2268	12.83	\$49.95*
AMD V160	681	2250	NA	NA
AMD Z-01	523	2329	NA	NA
AMD Z-60 APU	500	2347	NA	NA
AMD-K6 3D	90	2748	NA	NA
AMD-K6-III	108	2745	NA	NA
AMD-K7	403	2450	NA	NA
Athlon 64 Dual Core 3800+	1234	1943	NA	NA
Athlon 64 Dual Core 4200+	1156	1985	5.64	\$204.95
Athlon 64 Dual Core 4800+	1370	1859	NA	NA
Athlon 64 Dual Core 5000+	1507	1801	NA	NA
Athlon 64 Dual Core 5400+	1614	1749	NA	NA
Athlon 64 Dual Core 5600+	1548	1780	NA	NA
Athlon Dual Core 4050e	968	2100	NA	NA
Athlon Dual Core 4450e	1081	2030	NA	NA
Athlon Dual Core 4850e	1327	1884	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1244	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1083	2026	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1170	1974	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1207	1956	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1274	1918	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1957	NA	NA
HP Hexa-Core 2.0GHz	2178	1483	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2165	NA	NA
Intel 1400 @ 1.83GHz	980	2090	NA	NA
Intel 1500 @ 2.00GHz	1024	2058	NA	NA
Intel Atom 230 @ 1.60GHz	307	2559	NA	NA
Intel Atom 330 @ 1.60GHz	588	2292	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2149	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2106	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1520	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2329	1416	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1485	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	968	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1087	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1140	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1373	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1344	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	766	14.62	\$332.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C3955 @ 2.10GHz	5803	621	13.37	\$434.00*
Intel Atom D410 @ 1.66GHz	303	2566	0.48	\$635.99*
Intel Atom D425 @ 1.80GHz	346	2518	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	653	2260	6.73	\$97.16*
Intel Atom D525 @ 1.80GHz	703	2238	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D2500 @ 1.86GHz	404	2448	NA	NA
Intel Atom D2550 @ 1.86GHz	675	2253	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2231	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2172	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2227	NA	NA
Intel Atom E660 @ 1.30GHz	271	2621	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2519	NA	NA
Intel Atom E3815 @ 1.46GHz	362	2501	1.49	\$242.75
Intel Atom E3825 @ 1.33GHz	575	2302	8.18	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2354	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2169	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	1981	NA	NA
Intel Atom E3845 @ 1.91GHz	1490	1808	NA	NA
Intel Atom E3940 @ 1.60GHz	1920	1585	NA	NA
Intel Atom E3950 @ 1.60GHz	1827	1640	NA	NA
Intel Atom K510 @ 1.66GHz	658	2257	NA	NA
Intel Atom N270 @ 1.60GHz	270	2623	NA	NA
Intel Atom N280 @ 1.66GHz	283	2601	NA	NA
Intel Atom N435 @ 1.33GHz	261	2632	NA	NA
Intel Atom N450 @ 1.66GHz	297	2577	NA	NA
Intel Atom N455 @ 1.66GHz	285	2596	NA	NA
Intel Atom N470 @ 1.83GHz	307	2558	NA	NA
Intel Atom N475 @ 1.83GHz	314	2549	NA	NA
Intel Atom N550 @ 1.50GHz	525	2328	6.11	\$86.00*
Intel Atom N570 @ 1.66GHz	575	2301	6.70	\$86.00*
Intel Atom N2100 @ 1.60GHz	305	2562	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2326	NA	NA
Intel Atom N2800 @ 1.86GHz	628	2273	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2139	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1536	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2190	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1623	1745	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1197	1960	9.00	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1023	2060	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1270	1923	60.52	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1691	1709	27.04	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1838	1634	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1900	1598	25.82	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1904	1594	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2699	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2677	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2680	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2607	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2515	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2473	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z670 @ 1.50GHz	243	2656	NA	NA
Intel Atom Z2760 @ 1.80GHz	566	2307	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2140	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2130	7.93	\$117.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3735F @ 1.33GHz	908	2145	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2143	NA	NA
Intel Atom Z3736F @ 1.33GHz	920	2136	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	2037	NA	NA
Intel Atom Z3740D @ 1.33GHz	1020	2062	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	2035	NA	NA
Intel Atom Z3745D @ 1.33GHz	1034	2051	NA	NA
Intel Atom Z3770 @ 1.46GHz	1243	1940	8.32	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2193	NA	NA
Intel Atom Z3775 @ 1.46GHz	1257	1929	35.92	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1917	NA	NA
Intel Atom Z3795 @ 1.60GHz	1771	1663	NA	NA
Intel Celeron 1.70GHz	130	2738	NA	NA
Intel Celeron 1.80GHz	136	2735	NA	NA
Intel Celeron 2.00GHz	185	2707	NA	NA
Intel Celeron 2.10GHz	244	2654	NA	NA
Intel Celeron 2.13GHz	208	2687	NA	NA
Intel Celeron 2.20GHz	213	2682	NA	NA
Intel Celeron 2.26GHz	223	2672	NA	NA
Intel Celeron 2.30GHz	227	2669	NA	NA
Intel Celeron 2.40GHz	217	2678	NA	NA
Intel Celeron 2.50GHz	247	2648	NA	NA
Intel Celeron 2.53GHz	245	2652	NA	NA
Intel Celeron 2.60GHz	238	2659	NA	NA
Intel Celeron 2.66GHz	252	2643	NA	NA
Intel Celeron 2.70GHz	245	2653	NA	NA
Intel Celeron 2.80GHz	254	2639	NA	NA
Intel Celeron 2.93GHz	283	2600	NA	NA
Intel Celeron 3.06GHz	284	2597	NA	NA
Intel Celeron 3.20GHz	288	2589	NA	NA
Intel Celeron 3.33GHz	333	2531	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2539	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2542	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2397	27.24	\$16.52
Intel Celeron 430 @ 1.80GHz	491	2352	29.73	\$16.52
Intel Celeron 440 @ 2.00GHz	546	2312	26.02	\$21.01
Intel Celeron 450 @ 2.20GHz	626	2274	20.89	\$29.99
Intel Celeron 530 @ 1.73GHz	468	2378	20.37	\$23.00*
Intel Celeron 540 @ 1.86GHz	511	2339	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2333	15.30	\$33.80
Intel Celeron 560 @ 2.13GHz	535	2321	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2331	NA	NA
Intel Celeron 600MHz	147	2731	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2445	NA	NA
Intel Celeron 743 @ 1.30GHz	433	2422	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2215	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 807UE @ 1.00GHz	369	2490	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2279	NA	NA
Intel Celeron 847 @ 1.10GHz	934	2124	2.97	\$315.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 847E @ 1.10GHz	1026	2056	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	1993	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	1972	39.12	\$29.99
Intel Celeron 877 @ 1.40GHz	1288	1908	NA	NA
Intel Celeron 887 @ 1.50GHz	1280	1916	NA	NA
Intel Celeron 900 @ 2.20GHz	677	2252	23.36	\$28.99*
Intel Celeron 925 @ 2.30GHz	688	2244	NA	NA
Intel Celeron 1000M @ 1.80GHz	1676	1717	NA	NA
Intel Celeron 1000MHz	241	2657	NA	NA
Intel Celeron 1005M @ 1.90GHz	1814	1645	NA	NA
Intel Celeron 1007U @ 1.50GHz	1396	1847	7.55	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1518	1796	NA	NA
Intel Celeron 1019Y @ 1.00GHz	926	2131	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1465	NA	NA
Intel Celeron 1037U @ 1.80GHz	1734	1682	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1964	NA	NA
Intel Celeron 1066MHz	259	2633	NA	NA
Intel Celeron 1100MHz	174	2717	NA	NA
Intel Celeron 1133MHz	282	2602	NA	NA
Intel Celeron 1200MHz	244	2655	NA	NA
Intel Celeron 1300MHz	288	2591	NA	NA
Intel Celeron 1333MHz	290	2585	NA	NA
Intel Celeron 1400MHz	302	2567	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1409	NA	NA
Intel Celeron 2950M @ 2.00GHz	2018	1545	NA	NA
Intel Celeron 2955U @ 1.40GHz	1425	1836	NA	NA
Intel Celeron 2957U @ 1.40GHz	1445	1826	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2006	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1422	NA	NA
Intel Celeron 2980U @ 1.60GHz	1576	1772	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1773	NA	NA
Intel Celeron 3205U @ 1.50GHz	1540	1783	5.37	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1639	1736	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1702	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1556	NA	NA
Intel Celeron 3855U @ 1.60GHz	1657	1730	NA	NA
Intel Celeron 3865U @ 1.80GHz	1913	1589	NA	NA
Intel Celeron 3955U @ 2.00GHz	1865	1620	NA	NA
Intel Celeron 3965U @ 2.20GHz	2453	1375	22.93	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1619	1746	15.14	\$107.00*
Intel Celeron @ 1.30GHz	965	2101	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2705	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2189	NA	NA
Intel Celeron B800 @ 1.50GHz	1280	1915	NA	NA
Intel Celeron B810 @ 1.60GHz	1402	1843	NA	NA
Intel Celeron B815 @ 1.60GHz	1366	1861	NA	NA
Intel Celeron B820 @ 1.70GHz	1427	1835	36.32	\$39.29*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron B830 @ 1.80GHz	1520	1791	NA	NA
Intel Celeron B840 @ 1.90GHz	1725	1685	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron D 347 @ 3.06GHz	272	2619	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2568	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2546	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2530	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2447	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2368	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2293	NA	NA
Intel Celeron E1200 @ 1.60GHz	861	2160	3.83	\$225.00
Intel Celeron E1400 @ 2.00GHz	1047	2044	1.65	\$635.00
Intel Celeron E1500 @ 2.20GHz	1166	1978	59.35	\$19.65
Intel Celeron E1600 @ 2.40GHz	1260	1927	NA	NA
Intel Celeron E3200 @ 2.40GHz	1391	1849	26.77	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1384	1850	2.52	\$550.00
Intel Celeron E3400 @ 2.60GHz	1441	1829	19.11	\$75.47
Intel Celeron E3500 @ 2.70GHz	1454	1821	36.37	\$39.99
Intel Celeron G440 @ 1.60GHz	690	2243	13.81	\$49.99
Intel Celeron G460 @ 1.80GHz	1028	2053	15.83	\$65.00*
Intel Celeron G465 @ 1.90GHz	1074	2034	35.82	\$29.99
Intel Celeron G470 @ 2.00GHz	1298	1899	NA	NA
Intel Celeron G530 @ 2.40GHz	2141	1494	53.56	\$39.99
Intel Celeron G530T @ 2.00GHz	1604	1758	NA	NA
Intel Celeron G540 @ 2.50GHz	2203	1475	95.02	\$23.19
Intel Celeron G540T @ 2.10GHz	2114	1507	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1435	114.57	\$19.99
Intel Celeron G550T @ 2.20GHz	2063	1525	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1388	15.77	\$153.59
Intel Celeron G1101 @ 2.27GHz	1667	1722	118.34	\$14.09
Intel Celeron G1610 @ 2.60GHz	2494	1361	99.82	\$24.99
Intel Celeron G1610T @ 2.30GHz	2304	1426	57.55	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2581	1330	16.81	\$153.59
Intel Celeron G1620T @ 2.40GHz	2353	1412	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1362	49.89	\$49.99
Intel Celeron G1820 @ 2.70GHz	2758	1277	36.30	\$75.99
Intel Celeron G1820T @ 2.40GHz	2505	1357	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1499	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1342	36.35	\$69.99
Intel Celeron G1840 @ 2.80GHz	2860	1239	38.15	\$74.99
Intel Celeron G1840T @ 2.50GHz	2605	1320	NA	NA
Intel Celeron G1850 @ 2.90GHz	2902	1229	36.29	\$79.99
Intel Celeron G3900 @ 2.80GHz	3176	1131	79.94	\$39.73
Intel Celeron G3900E @ 2.40GHz	2679	1298	NA	NA
Intel Celeron G3900T @ 2.60GHz	2919	1219	NA	NA
Intel Celeron G3900TE @ 2.30GHz	2591	1325	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3113	1155	79.03	\$39.39
Intel Celeron G3930 @ 2.90GHz	3041	1179	59.43	\$51.17*
Intel Celeron G3950 @ 3.00GHz	3334	1091	46.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3154	1146	50.88	\$62.00
Intel Celeron G4900T @ 2.90GHz	2960	1204	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G4920 @ 3.20GHz	3393	1074	33.77	\$100.49
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J1750 @ 2.41GHz	1037	2050	NA	NA
Intel Celeron J1800 @ 2.41GHz	1025	2057	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1751	NA	NA
Intel Celeron J1900 @ 1.99GHz	1854	1624	NA	NA
Intel Celeron J3060 @ 1.60GHz	976	2092	NA	NA
Intel Celeron J3160 @ 1.60GHz	1788	1656	NA	NA
Intel Celeron J3355 @ 2.00GHz	1169	1975	NA	NA
Intel Celeron J3455 @ 1.50GHz	2142	1493	6.91	\$309.99
Intel Celeron J4005 @ 2.00GHz	1601	1760	6.42	\$249.44
Intel Celeron J4105 @ 1.50GHz	1975	1563	18.46	\$107.00*
Intel Celeron M 1.00GHz	207	2688	17.29	\$11.99*
Intel Celeron M 1.30GHz	316	2545	NA	NA
Intel Celeron M 1.50GHz	343	2523	NA	NA
Intel Celeron M 1.60GHz	365	2497	NA	NA
Intel Celeron M 1.70GHz	393	2465	NA	NA
Intel Celeron M 360 1.40GHz	327	2536	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2547	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2525	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2493	NA	NA
Intel Celeron M 440 @ 1.86GHz	405	2446	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2640	NA	NA
Intel Celeron M 450 @ 2.00GHz	455	2391	NA	NA
Intel Celeron M 520 @ 1.60GHz	434	2419	NA	NA
Intel Celeron M 530 @ 1.73GHz	458	2387	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2316	NA	NA
Intel Celeron M 600MHz	151	2729	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2390	NA	NA
Intel Celeron M 900MHz	202	2692	NA	NA
Intel Celeron M 1200MHz	275	2617	NA	NA
Intel Celeron M 1300MHz	303	2564	NA	NA
Intel Celeron M 1500MHz	332	2533	NA	NA
Intel Celeron M ULV 800MHz	184	2710	NA	NA
Intel Celeron N2805 @ 1.46GHz	454	2392	NA	NA
Intel Celeron N2806 @ 1.60GHz	789	2197	NA	NA
Intel Celeron N2807 @ 1.58GHz	850	2168	NA	NA
Intel Celeron N2808 @ 1.58GHz	927	2129	NA	NA
Intel Celeron N2810 @ 2.00GHz	777	2200	5.55	\$139.99*
Intel Celeron N2815 @ 1.86GHz	863	2159	NA	NA
Intel Celeron N2820 @ 2.13GHz	939	2122	4.79	\$196.28
Intel Celeron N2830 @ 2.16GHz	951	2111	NA	NA
Intel Celeron N2840 @ 2.16GHz	1004	2072	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	1958	NA	NA
Intel Celeron N2920 @ 1.86GHz	1509	1800	NA	NA
Intel Celeron N2930 @ 1.83GHz	1633	1741	NA	NA
Intel Celeron N2940 @ 1.83GHz	1734	1683	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2147	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2102	NA	NA
Intel Celeron N3050 @ 1.60GHz	881	2153	7.38	\$119.42*
Intel Celeron N3060 @ 1.60GHz	984	2088	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N3150 @ 1.60GHz	1658	1729	NA	NA
Intel Celeron N3160 @ 1.60GHz	1690	1710	5.89	\$286.99*
Intel Celeron N3350 @ 1.10GHz	1112	2003	NA	NA
Intel Celeron N3450 @ 1.10GHz	1829	1639	10.95	\$167.15
Intel Celeron N4100 @ 1.10GHz	1800	1651	16.83	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1139	1997	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2083	NA	NA
Intel Celeron P4600 @ 2.00GHz	1340	1875	NA	NA
Intel Celeron SU2300 @ 1.20GHz	772	2203	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2112	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2040	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1699	NA	NA
Intel Celeron U3400 @ 1.07GHz	733	2220	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2247	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2192	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1048	2043	5.35	\$195.95
Intel Core2 Duo E4400 @ 2.00GHz	1158	1983	129.40	\$8.95
Intel Core2 Duo E4500 @ 2.20GHz	1272	1921	31.81	\$39.99
Intel Core2 Duo E4600 @ 2.40GHz	1384	1851	7.06	\$195.95
Intel Core2 Duo E4700 @ 2.60GHz	1486	1811	14.86	\$100.00*
Intel Core2 Duo E6300 @ 1.86GHz	1109	2007	11.93	\$93.00
Intel Core2 Duo E6320 @ 1.86GHz	1185	1966	23.71	\$49.99
Intel Core2 Duo E6400 @ 2.13GHz	1289	1907	64.64	\$19.95
Intel Core2 Duo E6420 @ 2.13GHz	1360	1867	27.22	\$49.99
Intel Core2 Duo E6540 @ 2.33GHz	1458	1818	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1499	1805	100.29	\$14.95
Intel Core2 Duo E6600 @ 2.40GHz	1554	1779	103.69	\$14.99
Intel Core2 Duo E6700 @ 2.66GHz	1693	1708	56.48	\$29.99
Intel Core2 Duo E6750 @ 2.66GHz	1714	1690	132.41	\$12.95
Intel Core2 Duo E6850 @ 3.00GHz	1951	1574	39.03	\$49.99
Intel Core2 Duo E7200 @ 2.53GHz	1632	1742	21.77	\$75.00
Intel Core2 Duo E7300 @ 2.66GHz	1726	1684	7.67	\$225.00
Intel Core2 Duo E7400 @ 2.80GHz	1775	1660	59.28	\$29.95
Intel Core2 Duo E7500 @ 2.93GHz	1875	1616	25.00	\$75.00
Intel Core2 Duo E7600 @ 3.06GHz	1976	1562	16.47	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1520	1792	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1754	1669	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1888	1608	37.78	\$49.99
Intel Core2 Duo E8235 @ 2.80GHz	1965	1566	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1411	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1992	1554	99.67	\$19.99
Intel Core2 Duo E8335 @ 2.66GHz	1846	1629	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1502	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2152	1490	71.88	\$29.95
Intel Core2 Duo E8435 @ 3.06GHz	2127	1503	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2285	1439	57.16	\$39.99
Intel Core2 Duo E8600 @ 3.33GHz	2408	1392	48.19	\$49.99
Intel Core2 Duo E8700 @ 3.50GHz	2212	1469	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2206	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core2 Duo L7200 @ 1.33GHz	684	2248	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	841	2174	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2170	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	963	2103	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2094	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	1999	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	2036	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1339	1876	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	1905	64.60	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	1898	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1418	1839	35.46	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2115	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1523	1789	6.62	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1450	1823	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2061	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1458	1819	4.91	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1785	31.25	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1626	1744	42.82	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1676	30.56	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1776	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1765	1664	1.77	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1740	1678	17.58	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1879	1613	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2012	1548	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2290	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1269	1925	5.02	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1677	1715	5.91	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	932	2126	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	834	2178	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	833	2179	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	816	2188	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	933	2125	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	911	2142	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	909	2144	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	924	2133	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1045	2046	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1027	2054	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	992	2085	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1092	2019	109.39	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1109	2008	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1190	1963	74.85	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1143	1994	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	1954	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1225	1945	81.77	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1286	1909	85.84	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1250	1933	32.49	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1363	1864	72.13	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1367	1860	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1015	2064	46.20	\$21.99*
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core2 Duo T7200 @ 2.00GHz	1167	1977	11.68	\$99.95
Intel Core2 Duo T7250 @ 2.00GHz	1111	2004	5.51	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1194	1961	38.54	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1243	1939	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1272	1919	29.61	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1378	1854	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1418	1838	23.66	\$59.95*
Intel Core2 Duo T7800 @ 2.60GHz	1614	1752	2.65	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1294	1901	1.29	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1478	1813	6.91	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1669	1721	28.78	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1737	1681	24.83	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1807	1646	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1800	1650	6.02	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1584	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2019	1544	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2128	1501	5.34	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	869	2156	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	582	2296	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	664	2254	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2240	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2163	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1132	1998	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1711	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3651	1009	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3636	1011	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3464	1055	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1869	1619	7.09	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1649	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1882	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1706	1697	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1906	1593	4.65	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2061	1526	2.42	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4164	898	4.58	\$909.00*
Intel Core2 Extreme X9750 @ 3.16GHz	4597	815	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4611	808	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	800	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2955	1206	73.93	\$39.98
Intel Core2 Quad Q6700 @ 2.66GHz	3287	1100	73.07	\$44.99
Intel Core2 Quad Q8200 @ 2.33GHz	2815	1253	122.46	\$22.99
Intel Core2 Quad Q8300 @ 2.50GHz	2987	1197	59.76	\$49.99
Intel Core2 Quad Q8400 @ 2.66GHz	3173	1134	31.90	\$99.50*
Intel Core2 Quad Q9000 @ 2.00GHz	2528	1347	6.50	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1110	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3160	1143	63.23	\$49.99
Intel Core2 Quad Q9400 @ 2.66GHz	3346	1086	98.49	\$33.98
Intel Core2 Quad Q9450 @ 2.66GHz	3762	981	11.23	\$335.00
Intel Core2 Quad Q9500 @ 2.83GHz	3552	1032	101.52	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3573	1026	18.81	\$190.00*
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core2 Quad Q9550 @ 2.83GHz	3975	932	79.52	\$49.99
Intel Core2 Quad Q9650 @ 3.00GHz	4181	894	35.14	\$118.99
Intel Core2 Quad Q9705 @ 3.16GHz	3947	939	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	350	2513	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2555	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2431	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	466	2379	NA	NA
Intel Core 330 @ 1.60GHz	643	2264	NA	NA
Intel Core 860 @ 2.80GHz	4555	823	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2228	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2232	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2224	NA	NA
Intel Core Duo T2050 @ 1.60GHz	696	2241	NA	NA
Intel Core Duo T2250 @ 1.73GHz	758	2211	NA	NA
Intel Core Duo T2300 @ 1.66GHz	730	2221	NA	NA
Intel Core Duo T2350 @ 1.86GHz	760	2207	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2194	49.68	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	822	2182	NA	NA
Intel Core Duo T2500 @ 2.00GHz	869	2157	7.24	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	941	2118	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2059	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2315	NA	NA
Intel Core Duo U2500 @ 1.20GHz	514	2335	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1581	NA	NA
Intel Core i3-330M @ 2.13GHz	1790	1655	36.87	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1074	2033	NA	NA
Intel Core i3-350M @ 2.27GHz	1893	1604	48.55	\$39.00
Intel Core i3-370M @ 2.40GHz	2017	1546	50.49	\$39.96
Intel Core i3-380M @ 2.53GHz	2094	1517	42.73	\$49.00*
Intel Core i3-380UM @ 1.33GHz	1164	1979	NA	NA
Intel Core i3-390M @ 2.67GHz	2180	1482	55.99	\$38.95*
Intel Core i3-530 @ 2.93GHz	2570	1335	128.51	\$20.00
Intel Core i3-540 @ 3.07GHz	2688	1296	128.03	\$21.00
Intel Core i3-550 @ 3.20GHz	2826	1248	15.71	\$179.95
Intel Core i3-560 @ 3.33GHz	2943	1210	98.18	\$29.98
Intel Core i3-2100 @ 3.10GHz	3685	1004	122.85	\$30.00
Intel Core i3-2100T @ 2.50GHz	2911	1222	48.54	\$59.99
Intel Core i3-2102 @ 3.10GHz	3736	989	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3719	992	46.50	\$79.99
Intel Core i3-2120 @ 3.30GHz	3921	947	130.71	\$30.00
Intel Core i3-2120T @ 2.60GHz	3164	1139	28.00	\$113.00
Intel Core i3-2125 @ 3.30GHz	4020	922	20.20	\$199.00
Intel Core i3-2130 @ 3.40GHz	4056	914	57.96	\$69.99
Intel Core i3-2140 @ 3.50GHz	4325	870	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1243	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2429	1384	53.99	\$44.99
Intel Core i3-2312M @ 2.10GHz	2381	1400	NA	NA
Intel Core i3-2328M @ 2.20GHz	2539	1343	27.32	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1167	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core i3-2330M @ 2.20GHz	2522	1350	14.82	\$170.20
Intel Core i3-2332M @ 2.20GHz	2382	1399	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1687	NA	NA
Intel Core i3-2348M @ 2.30GHz	2621	1314	NA	NA
Intel Core i3-2350M @ 2.30GHz	2620	1316	62.43	\$41.97*
Intel Core i3-2357M @ 1.30GHz	1556	1778	NA	NA
Intel Core i3-2365M @ 1.40GHz	1679	1714	NA	NA
Intel Core i3-2367M @ 1.40GHz	1704	1700	NA	NA
Intel Core i3-2370M @ 2.40GHz	2771	1269	46.23	\$59.95
Intel Core i3-2375M @ 1.50GHz	1781	1658	NA	NA
Intel Core i3-2377M @ 1.50GHz	1831	1638	NA	NA
Intel Core i3-3110M @ 2.40GHz	3075	1166	38.46	\$79.95
Intel Core i3-3120M @ 2.50GHz	3214	1121	20.09	\$160.00
Intel Core i3-3130M @ 2.60GHz	3388	1075	NA	NA
Intel Core i3-3210 @ 3.20GHz	4029	920	40.30	\$99.99
Intel Core i3-3217U @ 1.80GHz	2301	1431	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1487	NA	NA
Intel Core i3-3220 @ 3.30GHz	4235	885	65.68	\$64.49
Intel Core i3-3220T @ 2.80GHz	3704	999	37.04	\$99.99
Intel Core i3-3225 @ 3.30GHz	4334	867	43.35	\$99.99
Intel Core i3-3227U @ 1.90GHz	2463	1372	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1694	1707	NA	NA
Intel Core i3-3240 @ 3.40GHz	4315	871	93.83	\$45.99
Intel Core i3-3240T @ 2.90GHz	3680	1005	NA	NA
Intel Core i3-3245 @ 3.40GHz	4424	845	55.32	\$79.99
Intel Core i3-3250 @ 3.50GHz	4445	841	46.80	\$94.99
Intel Core i3-3250T @ 3.00GHz	3021	1182	NA	NA
Intel Core i3-4000M @ 2.40GHz	3240	1111	16.21	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2448	1377	NA	NA
Intel Core i3-4010U @ 1.70GHz	2439	1382	19.63	\$124.31
Intel Core i3-4010Y @ 1.30GHz	1900	1600	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2154	1489	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2208	1472	NA	NA
Intel Core i3-4025U @ 1.90GHz	2777	1268	NA	NA
Intel Core i3-4030U @ 1.90GHz	2704	1291	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1356	NA	NA
Intel Core i3-4100M @ 2.50GHz	3477	1050	15.91	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	953	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1230	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1175	NA	NA
Intel Core i3-4130 @ 3.40GHz	4794	778	35.45	\$135.25
Intel Core i3-4130T @ 2.90GHz	4135	905	46.47	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4894	758	18.83	\$259.99
Intel Core i3-4150T @ 3.00GHz	4260	881	18.53	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1221	NA	NA
Intel Core i3-4160 @ 3.60GHz	5053	731	36.10	\$139.99
Intel Core i3-4160T @ 3.10GHz	4389	852	29.27	\$149.99
Intel Core i3-4170 @ 3.70GHz	5189	706	32.26	\$160.84
Intel Core i3-4170T @ 3.20GHz	4568	822	21.76	\$209.95
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core i3-4330 @ 3.50GHz	5091	723	15.01	\$339.19
Intel Core i3-4330T @ 3.00GHz	4482	837	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1125	NA	NA
Intel Core i3-4340 @ 3.60GHz	5237	703	30.81	\$169.99
Intel Core i3-4350 @ 3.60GHz	4963	747	29.20	\$169.99
Intel Core i3-4350T @ 3.10GHz	4302	873	NA	NA
Intel Core i3-4360 @ 3.70GHz	5455	667	19.49	\$279.95
Intel Core i3-4360T @ 3.20GHz	4636	802	NA	NA
Intel Core i3-4370 @ 3.80GHz	5600	647	12.45	\$449.97
Intel Core i3-4370T @ 3.30GHz	4832	770	35.02	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	752	NA	NA
Intel Core i3-5005U @ 2.00GHz	2904	1228	NA	NA
Intel Core i3-5010U @ 2.10GHz	3052	1173	10.04	\$303.93*
Intel Core i3-5015U @ 2.10GHz	3042	1178	NA	NA
Intel Core i3-5020U @ 2.20GHz	3188	1129	6.95	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3665	1008	NA	NA
Intel Core i3-6006U @ 2.00GHz	3106	1157	NA	NA
Intel Core i3-6098P @ 3.60GHz	5421	676	40.54	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5490	660	34.32	\$159.99
Intel Core i3-6100E @ 2.70GHz	3769	978	NA	NA
Intel Core i3-6100H @ 2.70GHz	4230	886	NA	NA
Intel Core i3-6100T @ 3.20GHz	4851	767	25.53	\$189.99
Intel Core i3-6100TE @ 2.70GHz	4337	866	NA	NA
Intel Core i3-6100U @ 2.30GHz	3600	1017	6.99	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3833	961	NA	NA
Intel Core i3-6300 @ 3.80GHz	5850	616	40.92	\$142.99
Intel Core i3-6300T @ 3.30GHz	5249	702	37.50	\$139.99
Intel Core i3-6320 @ 3.90GHz	6047	596	39.53	\$152.99
Intel Core i3-7020U @ 2.30GHz	3533	1038	12.57	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5784	623	41.56	\$139.17
Intel Core i3-7100H @ 3.00GHz	4768	781	21.19	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5080	726	57.08	\$89.00
Intel Core i3-7100U @ 2.40GHz	3800	969	12.63	\$300.95
Intel Core i3-7101TE @ 3.40GHz	5016	736	42.88	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4095	911	14.57	\$281.00*
Intel Core i3-7300 @ 4.00GHz	6438	562	26.66	\$241.49
Intel Core i3-7300T @ 3.50GHz	5366	681	27.46	\$195.41*
Intel Core i3-7320 @ 4.10GHz	6541	550	28.32	\$230.96*
Intel Core i3-7350K @ 4.20GHz	6621	543	33.79	\$195.95
Intel Core i3-8100 @ 3.60GHz	8103	409	67.53	\$119.99
Intel Core i3-8100T @ 3.10GHz	7160	493	51.51	\$139.00
Intel Core i3-8130U @ 2.20GHz	5040	733	17.94	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8765	362	53.20	\$164.77*
Intel Core i3-8300T @ 3.20GHz	7628	451	32.74	\$232.99*
Intel Core i3-8350K @ 4.00GHz	9285	317	50.19	\$184.99
Intel Core i5 750S @ 2.40GHz	2197	1477	21.97	\$99.99
Intel Core i5 E 520 @ 2.40GHz	2486	1366	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3633	1012	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3737	988	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core i5-430M @ 2.27GHz	2100	1514	15.01	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1339	1877	NA	NA
Intel Core i5-450M @ 2.40GHz	2113	1508	66.16	\$31.95*
Intel Core i5-460M @ 2.53GHz	2327	1417	31.05	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	2031	NA	NA
Intel Core i5-480M @ 2.67GHz	2407	1393	29.87	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1459	NA	NA
Intel Core i5-520M @ 2.40GHz	2371	1405	39.53	\$59.99*
Intel Core i5-520UM @ 1.07GHz	1356	1869	NA	NA
Intel Core i5-540M @ 2.53GHz	2447	1378	12.89	\$189.95
Intel Core i5-540UM @ 1.20GHz	1374	1858	NA	NA
Intel Core i5-560M @ 2.67GHz	2588	1326	31.58	\$81.97
Intel Core i5-560UM @ 1.33GHz	1664	1723	NA	NA
Intel Core i5-580M @ 2.67GHz	2622	1313	23.85	\$109.95*
Intel Core i5-650 @ 3.20GHz	3104	1158	31.05	\$99.99
Intel Core i5-655K @ 3.20GHz	3399	1070	56.67	\$59.99
Intel Core i5-660 @ 3.33GHz	3248	1107	66.30	\$49.00
Intel Core i5-661 @ 3.33GHz	3175	1132	31.76	\$99.99
Intel Core i5-670 @ 3.47GHz	3308	1095	36.77	\$89.99
Intel Core i5-680 @ 3.60GHz	3513	1041	39.05	\$89.99
Intel Core i5-750 @ 2.67GHz	3700	1002	24.67	\$150.00
Intel Core i5-760 @ 2.80GHz	3893	948	38.94	\$99.99
Intel Core i5-2300 @ 2.80GHz	5342	689	39.46	\$135.40*
Intel Core i5-2310 @ 2.90GHz	5526	657	78.98	\$69.98
Intel Core i5-2320 @ 3.00GHz	5755	629	29.48	\$195.25
Intel Core i5-2380P @ 3.10GHz	5679	637	63.12	\$89.99
Intel Core i5-2390T @ 2.70GHz	4260	880	42.65	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5951	603	91.58	\$64.99
Intel Core i5-2400S @ 2.50GHz	4959	749	75.49	\$65.70
Intel Core i5-2405S @ 2.50GHz	5065	728	30.81	\$164.40*
Intel Core i5-2410M @ 2.30GHz	3166	1137	40.57	\$78.07*
Intel Core i5-2415M @ 2.30GHz	3299	1098	NA	NA
Intel Core i5-2430M @ 2.40GHz	3281	1101	39.02	\$84.11*
Intel Core i5-2435M @ 2.40GHz	3229	1114	NA	NA
Intel Core i5-2450M @ 2.50GHz	3396	1072	38.59	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6144	585	68.28	\$89.99
Intel Core i5-2467M @ 1.60GHz	2336	1414	NA	NA
Intel Core i5-2500 @ 3.30GHz	6327	573	60.27	\$104.99
Intel Core i5-2500K @ 3.30GHz	6476	557	48.34	\$133.99
Intel Core i5-2500S @ 2.70GHz	5312	695	27.96	\$190.00
Intel Core i5-2500T @ 2.30GHz	4702	790	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	1006	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1094	NA	NA
Intel Core i5-2520M @ 2.50GHz	3585	1023	21.14	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2095	1516	NA	NA
Intel Core i5-2540M @ 2.60GHz	3781	976	60.06	\$62.95
Intel Core i5-2550K @ 3.40GHz	6662	538	66.63	\$99.99
Intel Core i5-2557M @ 1.70GHz	2659	1304	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	984	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core i5-3210M @ 2.50GHz	3821	963	31.67	\$120.68*
Intel Core i5-3230M @ 2.60GHz	3938	943	15.77	\$249.65*
Intel Core i5-3317U @ 1.70GHz	3089	1162	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4114	909	33.52	\$122.74*
Intel Core i5-3330 @ 3.00GHz	5930	606	59.31	\$99.99
Intel Core i5-3330S @ 2.70GHz	5664	639	59.63	\$94.99
Intel Core i5-3335S @ 2.70GHz	5788	622	NA	NA
Intel Core i5-3337U @ 1.80GHz	3220	1118	14.31	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2237	1463	NA	NA
Intel Core i5-3340 @ 3.10GHz	6083	593	23.22	\$262.01
Intel Core i5-3340M @ 2.70GHz	4249	884	53.15	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5834	619	38.90	\$149.99
Intel Core i5-3350P @ 3.10GHz	6140	586	36.12	\$169.99
Intel Core i5-3360M @ 2.80GHz	4415	848	45.02	\$98.08*
Intel Core i5-3380M @ 2.90GHz	4429	843	NA	NA
Intel Core i5-3427U @ 1.80GHz	3545	1034	8.44	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3626	1013	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1215	NA	NA
Intel Core i5-3450 @ 3.10GHz	6518	553	50.93	\$127.99
Intel Core i5-3450S @ 2.80GHz	6204	579	62.05	\$99.99
Intel Core i5-3470 @ 3.20GHz	6685	536	60.97	\$109.65
Intel Core i5-3470S @ 2.90GHz	6350	572	45.33	\$140.09
Intel Core i5-3470T @ 2.90GHz	4490	835	19.87	\$226.00*
Intel Core i5-3475S @ 2.90GHz	6618	544	46.12	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6936	512	21.02	\$329.95
Intel Core i5-3550S @ 3.00GHz	6882	519	29.86	\$230.51*
Intel Core i5-3570 @ 3.40GHz	7100	496	50.72	\$139.99
Intel Core i5-3570K @ 3.40GHz	7169	492	53.11	\$134.99
Intel Core i5-3570S @ 3.10GHz	6732	533	23.62	\$285.00
Intel Core i5-3570T @ 2.30GHz	5877	612	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3786	975	NA	NA
Intel Core i5-4200H @ 2.80GHz	4440	842	NA	NA
Intel Core i5-4200M @ 2.50GHz	4037	919	22.43	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3287	1099	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1394	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2256	1452	NA	NA
Intel Core i5-4210H @ 2.90GHz	4537	828	NA	NA
Intel Core i5-4210M @ 2.60GHz	4189	893	13.52	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3400	1068	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2378	1401	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1451	NA	NA
Intel Core i5-4250U @ 1.30GHz	3456	1056	9.63	\$358.99*
Intel Core i5-4258U @ 2.40GHz	4081	912	NA	NA
Intel Core i5-4260U @ 1.40GHz	3593	1019	NA	NA
Intel Core i5-4278U @ 2.60GHz	4360	859	NA	NA
Intel Core i5-4288U @ 2.60GHz	4358	861	NA	NA
Intel Core i5-4300M @ 2.60GHz	4414	849	NA	NA
Intel Core i5-4300U @ 1.90GHz	3738	987	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2486	1365	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core i5-4302Y @ 1.60GHz	2967	1202	NA	NA
Intel Core i5-4308U @ 2.80GHz	4190	892	NA	NA
Intel Core i5-4310M @ 2.70GHz	4621	807	NA	NA
Intel Core i5-4310U @ 2.00GHz	3720	991	NA	NA
Intel Core i5-4330M @ 2.80GHz	4457	839	16.21	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4810	776	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1015	NA	NA
Intel Core i5-4400E @ 2.70GHz	1271	1922	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	940	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1259	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6312	574	35.07	\$179.99
Intel Core i5-4430S @ 2.70GHz	5906	610	36.92	\$159.99
Intel Core i5-4440 @ 3.10GHz	6490	556	38.18	\$169.99
Intel Core i5-4440S @ 2.80GHz	6208	577	13.41	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6707	534	39.46	\$169.99
Intel Core i5-4460S @ 2.90GHz	6393	569	9.69	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4959	748	NA	NA
Intel Core i5-4570 @ 3.20GHz	7117	495	40.67	\$174.99
Intel Core i5-4570R @ 2.70GHz	6734	532	NA	NA
Intel Core i5-4570S @ 2.90GHz	6768	527	24.24	\$279.20*
Intel Core i5-4570T @ 2.90GHz	4824	772	32.16	\$149.99
Intel Core i5-4570TE @ 2.70GHz	3973	934	19.87	\$199.99
Intel Core i5-4590 @ 3.30GHz	7293	481	39.43	\$184.99
Intel Core i5-4590S @ 3.00GHz	7010	506	35.41	\$197.99
Intel Core i5-4590T @ 2.00GHz	5591	648	NA	NA
Intel Core i5-4670 @ 3.40GHz	7433	466	39.33	\$188.99
Intel Core i5-4670K @ 3.40GHz	7632	450	30.53	\$249.99
Intel Core i5-4670K CPT @ 3.40GHz	7411	471	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	470	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	6436	563	NA	NA
Intel Core i5-4670T @ 2.30GHz	6204	578	29.13	\$213.00*
Intel Core i5-4690 @ 3.50GHz	7652	448	38.26	\$199.99
Intel Core i5-4690K @ 3.50GHz	7795	433	38.98	\$199.99
Intel Core i5-4690S @ 3.20GHz	7424	469	27.50	\$269.94*
Intel Core i5-4690T @ 2.50GHz	6495	555	NA	NA
Intel Core i5-5200U @ 2.20GHz	3488	1048	NA	NA
Intel Core i5-5250U @ 1.60GHz	3592	1021	8.13	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4402	850	NA	NA
Intel Core i5-5287U @ 2.90GHz	4681	795	NA	NA
Intel Core i5-5300U @ 2.30GHz	3800	970	7.37	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3358	1084	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	465	NA	NA
Intel Core i5-5675C @ 3.10GHz	8194	400	20.49	\$399.99
Intel Core i5-5675R @ 3.10GHz	8054	413	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4163	899	NA	NA
Intel Core i5-6200U @ 2.30GHz	4016	923	NA	NA
Intel Core i5-6260U @ 1.80GHz	4359	860	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4966	746	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	785	15.63	\$304.00*
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core i5-6300HQ @ 2.30GHz	6087	591	NA	NA
Intel Core i5-6300U @ 2.40GHz	4374	856	NA	NA
Intel Core i5-6360U @ 2.00GHz	4836	769	NA	NA
Intel Core i5-6400 @ 2.70GHz	6760	529	33.80	\$199.99
Intel Core i5-6400T @ 2.20GHz	5587	650	33.06	\$169.00
Intel Core i5-6402P @ 2.80GHz	7090	499	37.32	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	624	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6783	526	NA	NA
Intel Core i5-6500 @ 3.20GHz	7237	484	33.91	\$213.44
Intel Core i5-6500T @ 2.50GHz	6268	575	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6559	549	29.56	\$221.91
Intel Core i5-6600 @ 3.30GHz	7755	437	35.26	\$219.99
Intel Core i5-6600K @ 3.50GHz	8049	415	38.70	\$208.00
Intel Core i5-6600T @ 2.70GHz	7310	480	41.78	\$174.99
Intel Core i5-7200U @ 2.50GHz	4625	806	NA	NA
Intel Core i5-7260U @ 2.20GHz	5699	635	NA	NA
Intel Core i5-7267U @ 3.10GHz	5098	718	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	641	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6818	524	NA	NA
Intel Core i5-7300U @ 2.60GHz	5084	724	11.26	\$451.61
Intel Core i5-7360U @ 2.30GHz	5929	608	NA	NA
Intel Core i5-7400 @ 3.00GHz	7357	473	38.13	\$192.98
Intel Core i5-7400T @ 2.40GHz	6439	560	35.97	\$179.00
Intel Core i5-7440HQ @ 2.80GHz	7701	444	NA	NA
Intel Core i5-7500 @ 3.40GHz	8033	417	35.00	\$229.54
Intel Core i5-7500T @ 2.70GHz	7065	503	31.15	\$226.84
Intel Core i5-7600 @ 3.50GHz	8797	359	37.44	\$234.99
Intel Core i5-7600K @ 3.80GHz	9136	327	36.40	\$250.99
Intel Core i5-7600T @ 2.80GHz	8117	407	36.01	\$225.43
Intel Core i5-7640X @ 4.00GHz	9588	290	45.23	\$212.00
Intel Core i5-8250U @ 1.60GHz	7677	447	NA	NA
Intel Core i5-8259U @ 2.30GHz	10863	206	NA	NA
Intel Core i5-8300H @ 2.30GHz	9355	310	37.42	\$250.00*
Intel Core i5-8350U @ 1.70GHz	8223	397	27.69	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11718	185	47.16	\$248.50
Intel Core i5-8400H @ 2.50GHz	10202	238	40.81	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9630	287	46.08	\$209.00
Intel Core i5-8500 @ 3.00GHz	12105	175	41.60	\$290.96*
Intel Core i5-8500T @ 2.10GHz	9929	263	30.84	\$321.99*
Intel Core i5-8600 @ 3.10GHz	12420	167	50.80	\$244.47*
Intel Core i5-8600K @ 3.60GHz	12817	157	34.50	\$371.49
Intel Core i5-8600T @ 2.30GHz	10913	205	34.06	\$320.40
Intel Core i5-24050S @ 2.50GHz	4928	755	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3753	983	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1565	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1341	NA	NA
Intel Core i7-620LM @ 2.00GHz	1951	1573	NA	NA
Intel Core i7-620M @ 2.67GHz	2723	1288	24.75	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	1886	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core i7-640LM @ 2.13GHz	2250	1456	NA	NA
Intel Core i7-640M @ 2.80GHz	2840	1242	17.76	\$159.95
Intel Core i7-640UM @ 1.20GHz	1659	1728	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1674	NA	NA
Intel Core i7-680UM @ 1.47GHz	1704	1698	NA	NA
Intel Core i7-720QM @ 1.60GHz	3015	1187	27.43	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3199	1126	29.10	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3227	1115	23.22	\$139.00
Intel Core i7-840QM @ 1.87GHz	3409	1065	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	5014	737	20.86	\$240.37
Intel Core i7-860S @ 2.53GHz	4711	787	23.56	\$199.99
Intel Core i7-870 @ 2.93GHz	5348	687	17.26	\$309.95
Intel Core i7-870S @ 2.67GHz	4969	745	NA	NA
Intel Core i7-875K @ 2.93GHz	5445	672	27.23	\$199.99
Intel Core i7-880 @ 3.07GHz	5610	646	9.62	\$583.00*
Intel Core i7-920 @ 2.67GHz	4929	753	28.33	\$174.00
Intel Core i7-920XM @ 2.00GHz	3767	979	9.42	\$399.95
Intel Core i7-930 @ 2.80GHz	5146	711	85.80	\$59.99
Intel Core i7-940 @ 2.93GHz	5359	684	51.54	\$103.99
Intel Core i7-940XM @ 2.13GHz	3941	942	NA	NA
Intel Core i7-950 @ 3.07GHz	5560	651	19.76	\$281.41
Intel Core i7-960 @ 3.20GHz	5820	620	58.21	\$99.99
Intel Core i7-965 @ 3.20GHz	5856	614	41.84	\$139.99
Intel Core i7-970 @ 3.20GHz	8396	386	55.98	\$149.98
Intel Core i7-975 @ 3.33GHz	6135	587	34.09	\$179.99
Intel Core i7-980 @ 3.33GHz	8675	371	43.38	\$199.98
Intel Core i7-980X @ 3.33GHz	8797	358	39.99	\$219.98
Intel Core i7-985 @ 3.47GHz	6641	541	NA	NA
Intel Core i7-990X @ 3.47GHz	9099	331	17.88	\$509.00
Intel Core i7-995X @ 3.60GHz	9791	273	NA	NA
Intel Core i7-2600 @ 3.40GHz	8197	399	58.55	\$139.99
Intel Core i7-2600K @ 3.40GHz	8449	382	42.68	\$197.99
Intel Core i7-2600S @ 2.80GHz	7079	501	35.40	\$199.99
Intel Core i7-2610UE @ 1.50GHz	2481	1368	NA	NA
Intel Core i7-2617M @ 1.50GHz	2818	1251	NA	NA
Intel Core i7-2620M @ 2.70GHz	3837	959	21.41	\$179.21*
Intel Core i7-2630QM @ 2.00GHz	5536	656	51.15	\$108.24
Intel Core i7-2630UM @ 1.60GHz	2584	1329	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5456	666	NA	NA
Intel Core i7-2637M @ 1.70GHz	2906	1224	NA	NA
Intel Core i7-2640M @ 2.80GHz	3937	944	20.26	\$194.29*
Intel Core i7-2655LE @ 2.20GHz	3161	1142	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5890	611	42.37	\$139.00*
Intel Core i7-2675QM @ 2.20GHz	5555	654	NA	NA
Intel Core i7-2677M @ 1.80GHz	2826	1247	NA	NA
Intel Core i7-2700K @ 3.50GHz	8722	363	43.61	\$199.99
Intel Core i7-2710QE @ 2.10GHz	5768	627	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	682	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6114	590	32.19	\$189.95*
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core i7-2760QM @ 2.40GHz	6576	547	46.99	\$139.95*
Intel Core i7-2820QM @ 2.30GHz	6642	540	26.46	\$251.04*
Intel Core i7-2840QM @ 2.40GHz	6766	528	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7003	507	11.67	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7033	505	11.55	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7195	488	17.55	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3591	1022	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1092	NA	NA
Intel Core i7-3520M @ 2.90GHz	4535	829	19.30	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3847	956	NA	NA
Intel Core i7-3540M @ 3.00GHz	4647	799	10.81	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	4130	907	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	559	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7471	463	18.68	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6562	548	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6829	523	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	474	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7373	472	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7586	454	31.74	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6941	511	20.72	\$335.00*
Intel Core i7-3635QM @ 2.40GHz	6670	537	NA	NA
Intel Core i7-3667U @ 2.00GHz	3988	930	NA	NA
Intel Core i7-3687U @ 2.10GHz	4170	897	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1119	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8124	406	22.63	\$359.00*
Intel Core i7-3740QM @ 2.70GHz	8326	389	34.70	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9295	316	58.10	\$159.99
Intel Core i7-3770K @ 3.50GHz	9524	293	38.25	\$248.98
Intel Core i7-3770S @ 3.10GHz	8879	351	41.51	\$213.90
Intel Core i7-3770T @ 2.50GHz	8203	398	24.86	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9002	341	45.02	\$199.99
Intel Core i7-3820QM @ 2.70GHz	8439	383	17.33	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8791	360	26.24	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9153	325	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	12004	179	20.29	\$591.50
Intel Core i7-3940XM @ 3.00GHz	9308	314	17.27	\$539.00
Intel Core i7-3960X @ 3.30GHz	12627	163	15.78	\$799.99
Intel Core i7-3970X @ 3.50GHz	12666	161	9.19	\$1,377.90*
Intel Core i7-4500U @ 1.80GHz	3789	973	NA	NA
Intel Core i7-4510U @ 2.00GHz	3932	946	NA	NA
Intel Core i7-4550U @ 1.50GHz	3713	995	NA	NA
Intel Core i7-4558U @ 2.80GHz	4373	857	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	868	NA	NA
Intel Core i7-4578U @ 3.00GHz	4758	783	NA	NA
Intel Core i7-4600M @ 2.90GHz	4874	760	NA	NA
Intel Core i7-4600U @ 2.10GHz	4101	910	NA	NA
Intel Core i7-4610M @ 3.00GHz	4986	743	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	986	NA	NA
Intel Core i7-4650U @ 1.70GHz	3968	935	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core i7-4700EQ @ 2.40GHz	7180	490	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7732	441	20.19	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7695	445	40.72	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7481	462	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7137	494	21.23	\$336.25*
Intel Core i7-4710HQ @ 2.50GHz	7741	440	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7992	422	29.43	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7512	458	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7176	491	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8007	419	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	414	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8290	393	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	375	NA	NA
Intel Core i7-4765T @ 2.00GHz	7311	479	18.28	\$399.99
Intel Core i7-4770 @ 3.40GHz	9788	275	40.79	\$239.99
Intel Core i7-4770HQ @ 2.20GHz	8948	345	NA	NA
Intel Core i7-4770K @ 3.50GHz	10098	250	35.44	\$284.99
Intel Core i7-4770R @ 3.20GHz	9828	272	NA	NA
Intel Core i7-4770S @ 3.10GHz	9337	312	23.34	\$399.99
Intel Core i7-4770T @ 2.50GHz	8634	373	21.59	\$399.99
Intel Core i7-4770TE @ 2.30GHz	6615	545	NA	NA
Intel Core i7-4771 @ 3.50GHz	9875	271	32.92	\$299.99
Intel Core i7-4785T @ 2.20GHz	7603	453	NA	NA
Intel Core i7-4790 @ 3.60GHz	9991	259	35.81	\$278.99
Intel Core i7-4790K @ 4.00GHz	11183	193	36.19	\$308.99
Intel Core i7-4790S @ 3.20GHz	9561	292	23.90	\$399.98
Intel Core i7-4790T @ 2.70GHz	9094	333	25.33	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8495	379	16.66	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8646	372	20.35	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9722	283	19.45	\$499.99
Intel Core i7-4850HQ @ 2.30GHz	9001	342	20.74	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7931	427	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9248	320	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9356	309	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9029	338	15.39	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9453	303	20.55	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13024	152	32.64	\$398.98
Intel Core i7-4930MX @ 3.00GHz	9479	296	8.65	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9895	266	16.22	\$609.95
Intel Core i7-4960HQ @ 2.60GHz	9777	277	15.69	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13799	134	17.92	\$769.99
Intel Core i7-4980HQ @ 2.80GHz	10234	235	NA	NA
Intel Core i7-5500U @ 2.40GHz	3974	933	NA	NA
Intel Core i7-5550U @ 2.00GHz	4271	877	NA	NA
Intel Core i7-5557U @ 3.10GHz	4943	751	7.01	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4312	872	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	887	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	402	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	396	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core i7-5700HQ @ 2.70GHz	8365	387	NA	NA
Intel Core i7-5775C @ 3.30GHz	10997	203	24.44	\$449.99
Intel Core i7-5775R @ 3.30GHz	10848	208	NA	NA
Intel Core i7-5820K @ 3.30GHz	12993	153	43.31	\$299.99
Intel Core i7-5850HQ @ 2.70GHz	9459	302	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13641	139	27.34	\$498.98
Intel Core i7-5950HQ @ 2.90GHz	10956	204	NA	NA
Intel Core i7-5960X @ 3.00GHz	15970	88	20.74	\$769.99
Intel Core i7-6498DU @ 2.50GHz	4538	827	NA	NA
Intel Core i7-6500U @ 2.50GHz	4428	844	NA	NA
Intel Core i7-6560U @ 2.20GHz	4812	774	NA	NA
Intel Core i7-6567U @ 3.30GHz	5648	642	NA	NA
Intel Core i7-6600U @ 2.60GHz	4801	777	NA	NA
Intel Core i7-6650U @ 2.20GHz	4948	750	NA	NA
Intel Core i7-6700 @ 3.40GHz	10008	258	31.73	\$315.45
Intel Core i7-6700HQ @ 2.60GHz	8136	404	21.53	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11113	195	29.06	\$382.40
Intel Core i7-6700T @ 2.80GHz	9036	337	27.38	\$329.99
Intel Core i7-6700TE @ 2.40GHz	8712	365	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9714	284	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13595	143	32.37	\$419.99
Intel Core i7-6820EQ @ 2.80GHz	8968	343	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9135	328	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8777	361	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	566	NA	NA
Intel Core i7-6850K @ 3.60GHz	14370	120	26.13	\$549.99
Intel Core i7-6900K @ 3.20GHz	17711	58	14.81	\$1,196.00
Intel Core i7-6920HQ @ 2.90GHz	9617	289	16.93	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19983	34	25.30	\$789.99
Intel Core i7-7500U @ 2.70GHz	5178	708	NA	NA
Intel Core i7-7560U @ 2.40GHz	5873	613	NA	NA
Intel Core i7-7567U @ 3.50GHz	6527	552	NA	NA
Intel Core i7-7600U @ 2.80GHz	5512	659	NA	NA
Intel Core i7-7660U @ 2.50GHz	6034	598	NA	NA
Intel Core i7-7700 @ 3.60GHz	10759	210	35.39	\$303.99
Intel Core i7-7700HQ @ 2.80GHz	8846	354	NA	NA
Intel Core i7-7700K @ 4.20GHz	12046	177	36.62	\$329.00
Intel Core i7-7700T @ 2.90GHz	9271	318	11.34	\$817.56
Intel Core i7-7740X @ 4.30GHz	12242	172	35.08	\$348.99
Intel Core i7-7800X @ 3.50GHz	14523	114	40.34	\$359.99
Intel Core i7-7820HK @ 2.90GHz	10046	255	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9392	308	24.85	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18582	47	39.71	\$467.99
Intel Core i7-7900X @ 3.30GHz	18539	49	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10170	244	NA	NA
Intel Core i7-8086K @ 4.00GHz	16995	66	30.74	\$552.96*
Intel Core i7-8550U @ 1.80GHz	8317	390	NA	NA
Intel Core i7-8559U @ 2.70GHz	12023	178	NA	NA
Intel Core i7-8565U @ 1.80GHz	9214	321	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core i7-8650U @ 1.90GHz	8920	349	NA	NA
Intel Core i7-8700 @ 3.20GHz	15173	99	37.47	\$404.99
Intel Core i7-8700K @ 3.70GHz	15970	87	43.17	\$369.99
Intel Core i7-8700T @ 2.40GHz	12428	166	30.31	\$409.99
Intel Core i7-8705G @ 3.10GHz	10196	239	NA	NA
Intel Core i7-8706G @ 3.10GHz	10591	219	NA	NA
Intel Core i7-8750H @ 2.20GHz	12542	164	31.75	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11060	200	NA	NA
Intel Core i7-8850H @ 2.60GHz	13298	148	33.67	\$395.00*
Intel Core i9-7900X @ 3.30GHz	21965	20	17.23	\$1,274.81
Intel Core i9-7920X @ 2.90GHz	23343	14	19.18	\$1,217.39
Intel Core i9-7940X @ 3.10GHz	25507	6	22.67	\$1,124.99
Intel Core i9-7960X @ 2.80GHz	25714	5	18.19	\$1,413.58
Intel Core i9-7980XE @ 2.60GHz	27763	3	14.77	\$1,879.99
Intel Core i9-8950HK @ 2.90GHz	14663	110	25.15	\$583.00*
Intel Core m3-6Y30 @ 0.90GHz	3051	1174	NA	NA
Intel Core m3-7Y30 @ 1.00GHz	3540	1035	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3527	1039	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3361	1082	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3232	1113	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3488	1047	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2737	1284	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2250	1455	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2816	1252	10.02	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2648	1307	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2470	1370	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1186	NA	NA
Intel Core M-5Y71 @ 1.20GHz	3019	1183	10.75	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2464	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2458	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2377	NA	NA
Intel Core Solo U1300 @ 1.06GHz	271	2622	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2613	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2534	NA	NA
Intel E3000 @ 3.40GHz	2767	1271	NA	NA
Intel Pentium 4 1.40GHz	164	2720	NA	NA
Intel Pentium 4 1.50GHz	131	2737	NA	NA
Intel Pentium 4 1.60GHz	129	2739	NA	NA
Intel Pentium 4 1.70GHz	132	2736	NA	NA
Intel Pentium 4 1.80GHz	161	2723	NA	NA
Intel Pentium 4 1.90GHz	159	2724	NA	NA
Intel Pentium 4 2.00GHz	189	2702	NA	NA
Intel Pentium 4 2.20GHz	210	2684	NA	NA
Intel Pentium 4 2.26GHz	221	2674	NA	NA
Intel Pentium 4 2.40GHz	228	2667	NA	NA
Intel Pentium 4 2.50GHz	245	2651	NA	NA
Intel Pentium 4 2.53GHz	248	2647	NA	NA
Intel Pentium 4 2.60GHz	288	2592	NA	NA
Intel Pentium 4 2.66GHz	254	2638	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Pentium 4 2.80GHz	321	2540	NA	NA
Intel Pentium 4 2.93GHz	297	2576	NA	NA
Intel Pentium 4 3.00GHz	353	2511	NA	NA
Intel Pentium 4 3.06GHz	347	2516	NA	NA
Intel Pentium 4 3.20GHz	374	2480	NA	NA
Intel Pentium 4 3.40GHz	396	2460	NA	NA
Intel Pentium 4 3.46GHz	487	2356	NA	NA
Intel Pentium 4 3.60GHz	488	2355	NA	NA
Intel Pentium 4 3.73GHz	486	2359	NA	NA
Intel Pentium 4 3.80GHz	484	2365	NA	NA
Intel Pentium 4 3.83GHz	195	2697	NA	NA
Intel Pentium 4 4.00GHz	184	2708	NA	NA
Intel Pentium 4 1300MHz	119	2743	NA	NA
Intel Pentium 4 1400MHz	127	2740	NA	NA
Intel Pentium 4 1500MHz	125	2741	NA	NA
Intel Pentium 4 1600MHz	193	2701	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2727	NA	NA
Intel Pentium 4 1800MHz	162	2722	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2730	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2696	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2713	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2686	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2716	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2685	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2691	NA	NA
Intel Pentium 5 2.66GHz	705	2237	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2016	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1157	1984	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	1989	NA	NA
Intel Pentium 987 @ 1.50GHz	1224	1946	NA	NA
Intel Pentium 997 @ 1.60GHz	1427	1834	NA	NA
Intel Pentium 1403 @ 2.60GHz	2747	1282	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1184	NA	NA
Intel Pentium 2020M @ 2.40GHz	2281	1443	17.03	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2417	1389	18.04	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1662	1725	12.40	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1818	1644	13.57	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2041	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2304	1425	NA	NA
Intel Pentium 3556U @ 1.70GHz	1713	1691	NA	NA
Intel Pentium 3558U @ 1.70GHz	1686	1712	NA	NA
Intel Pentium 3560M @ 2.40GHz	2240	1461	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1926	NA	NA
Intel Pentium 3805U @ 1.90GHz	1982	1560	NA	NA
Intel Pentium 3825U @ 1.90GHz	2526	1348	NA	NA
Intel Pentium 4405U @ 2.10GHz	2939	1213	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1527	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2056	1530	12.78	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3174	1133	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Pentium 4415Y @ 1.60GHz	2190	1480	13.61	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1755	NA	NA
Intel Pentium B940 @ 2.00GHz	1723	1686	57.55	\$29.94*
Intel Pentium B950 @ 2.10GHz	1718	1688	NA	NA
Intel Pentium B960 @ 2.20GHz	1851	1626	37.80	\$48.99*
Intel Pentium B970 @ 2.30GHz	1959	1570	38.43	\$50.99*
Intel Pentium B980 @ 2.40GHz	2045	1533	29.25	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	967	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	535	2323	NA	NA
Intel Pentium D 830 @ 3.00GHz	643	2266	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2295	NA	NA
Intel Pentium D 940 @ 3.20GHz	709	2234	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2218	NA	NA
Intel Pentium D 960 @ 3.60GHz	817	2186	NA	NA
Intel Pentium E2140 @ 1.60GHz	868	2158	4.43	\$195.95
Intel Pentium E2160 @ 1.80GHz	997	2078	77.02	\$12.95
Intel Pentium E2180 @ 2.00GHz	1087	2023	83.95	\$12.95
Intel Pentium E2200 @ 2.20GHz	1203	1959	16.05	\$75.00
Intel Pentium E2210 @ 2.20GHz	1174	1970	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	1883	6.79	\$195.95
Intel Pentium E5200 @ 2.50GHz	1487	1809	7.59	\$195.95
Intel Pentium E5300 @ 2.60GHz	1539	1784	99.95	\$15.40
Intel Pentium E5400 @ 2.70GHz	1597	1762	79.91	\$19.99
Intel Pentium E5500 @ 2.80GHz	1640	1735	82.08	\$19.99
Intel Pentium E5700 @ 3.00GHz	1741	1677	116.16	\$14.99
Intel Pentium E5800 @ 3.20GHz	1899	1601	63.34	\$29.99
Intel Pentium E6300 @ 2.80GHz	1707	1695	3.02	\$565.00
Intel Pentium E6500 @ 2.93GHz	1761	1665	8.99	\$195.95
Intel Pentium E6600 @ 3.06GHz	1877	1615	18.78	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1946	1577	37.51	\$51.90
Intel Pentium E6800 @ 3.33GHz	1977	1561	39.56	\$49.99
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2141	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2099	NA	NA
Intel Pentium G620 @ 2.60GHz	2292	1433	91.72	\$24.99
Intel Pentium G620T @ 2.20GHz	2028	1539	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2372	1404	94.95	\$24.99
Intel Pentium G630T @ 2.30GHz	2122	1505	26.54	\$79.99*
Intel Pentium G640 @ 2.80GHz	2533	1346	101.38	\$24.99
Intel Pentium G640T @ 2.40GHz	1911	1590	NA	NA
Intel Pentium G645 @ 2.90GHz	2586	1327	27.23	\$95.00
Intel Pentium G645T @ 2.50GHz	2289	1436	NA	NA
Intel Pentium G840 @ 2.80GHz	2565	1337	73.33	\$34.99*
Intel Pentium G850 @ 2.90GHz	2666	1302	88.90	\$29.99
Intel Pentium G860 @ 3.00GHz	2748	1281	91.66	\$29.99
Intel Pentium G870 @ 3.10GHz	2827	1246	29.15	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2604	1321	74.65	\$34.89
Intel Pentium G2020 @ 2.90GHz	2764	1273	46.11	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2470	1369	51.90	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2876	1237	70.17	\$40.99
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Pentium G2030T @ 2.60GHz	2490	1363	38.91	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1260	NA	NA
Intel Pentium G2120 @ 3.10GHz	3081	1165	51.37	\$59.99
Intel Pentium G2130 @ 3.20GHz	3213	1122	64.28	\$49.99
Intel Pentium G2140 @ 3.30GHz	3384	1076	67.71	\$49.99
Intel Pentium G3220 @ 3.00GHz	3135	1150	26.14	\$119.95
Intel Pentium G3220T @ 2.60GHz	2608	1319	37.27	\$69.99
Intel Pentium G3240 @ 3.10GHz	3172	1136	39.66	\$79.99
Intel Pentium G3240T @ 2.70GHz	2909	1223	NA	NA
Intel Pentium G3250 @ 3.20GHz	3257	1105	29.62	\$109.99
Intel Pentium G3250T @ 2.80GHz	2969	1201	33.00	\$89.99
Intel Pentium G3258 @ 3.20GHz	3892	949	55.62	\$69.99
Intel Pentium G3260 @ 3.30GHz	3379	1078	32.19	\$104.99
Intel Pentium G3260T @ 2.90GHz	2914	1220	32.39	\$89.99
Intel Pentium G3320TE @ 2.30GHz	2389	1398	NA	NA
Intel Pentium G3420 @ 3.20GHz	3406	1066	30.97	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1189	28.58	\$105.25*
Intel Pentium G3430 @ 3.30GHz	3395	1073	37.74	\$89.99
Intel Pentium G3440 @ 3.30GHz	3304	1096	20.66	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1160	NA	NA
Intel Pentium G3450 @ 3.40GHz	3703	1000	37.04	\$99.99
Intel Pentium G3450T @ 2.90GHz	2967	1203	NA	NA
Intel Pentium G3460 @ 3.50GHz	3593	1020	12.47	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3706	998	35.54	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3565	1027	59.44	\$59.99
Intel Pentium G4400T @ 2.90GHz	3221	1117	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1235	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3788	974	49.54	\$76.47
Intel Pentium G4500T @ 3.00GHz	3471	1052	NA	NA
Intel Pentium G4520 @ 3.60GHz	4195	890	46.62	\$89.98
Intel Pentium G4560 @ 3.50GHz	4879	759	72.64	\$67.17*
Intel Pentium G4560T @ 2.90GHz	4047	916	40.48	\$99.99
Intel Pentium G4600 @ 3.60GHz	5098	719	60.80	\$83.85
Intel Pentium G4600T @ 3.00GHz	4272	875	32.87	\$129.99*
Intel Pentium G4620 @ 3.70GHz	5204	704	47.92	\$108.62*
Intel Pentium G6950 @ 2.80GHz	1859	1622	46.49	\$39.99
Intel Pentium G6951 @ 2.80GHz	2140	1495	22.77	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2101	1513	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5249	701	61.80	\$84.95
Intel Pentium Gold G5500 @ 3.80GHz	5291	697	52.74	\$100.32
Intel Pentium Gold G5500T @ 3.20GHz	4577	819	61.03	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5777	625	65.78	\$87.83
Intel Pentium III 933S @ 933MHz	238	2660	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2598	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2612	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2557	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2578	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2574	NA	NA
Intel Pentium III Mobile 750MHz	103	2746	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Pentium III Mobile 800MHz	182	2711	NA	NA
Intel Pentium III Mobile 866MHz	152	2728	NA	NA
Intel Pentium III Mobile 933MHz	218	2676	7.55	\$28.99
Intel Pentium III Mobile 1000MHz	245	2650	NA	NA
Intel Pentium III Mobile 1066MHz	246	2649	NA	NA
Intel Pentium III Mobile 1133MHz	251	2644	NA	NA
Intel Pentium III Mobile 1200MHz	262	2630	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1633	NA	NA
Intel Pentium J2900 @ 2.41GHz	1962	1568	NA	NA
Intel Pentium J3710 @ 1.60GHz	1954	1572	NA	NA
Intel Pentium J4205 @ 1.50GHz	2302	1430	NA	NA
Intel Pentium M 1.10GHz	282	2603	NA	NA
Intel Pentium M 1.20GHz	298	2575	NA	NA
Intel Pentium M 1.30GHz	301	2569	NA	NA
Intel Pentium M 1.40GHz	345	2521	NA	NA
Intel Pentium M 1.50GHz	366	2494	NA	NA
Intel Pentium M 1.60GHz	364	2499	NA	NA
Intel Pentium M 1.70GHz	406	2444	NA	NA
Intel Pentium M 1.73GHz	413	2433	NA	NA
Intel Pentium M 1.80GHz	409	2439	NA	NA
Intel Pentium M 1.86GHz	438	2411	NA	NA
Intel Pentium M 2.00GHz	464	2381	NA	NA
Intel Pentium M 2.10GHz	448	2398	NA	NA
Intel Pentium M 2.13GHz	505	2343	NA	NA
Intel Pentium M 2.26GHz	509	2341	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2367	NA	NA
Intel Pentium M 900MHz	217	2679	NA	NA
Intel Pentium M 1000MHz	233	2664	NA	NA
Intel Pentium M 1100MHz	259	2634	NA	NA
Intel Pentium M 1200MHz	237	2661	NA	NA
Intel Pentium M 1300MHz	303	2563	NA	NA
Intel Pentium M 1400MHz	321	2541	NA	NA
Intel Pentium M 1500MHz	354	2508	NA	NA
Intel Pentium M 1600MHz	332	2532	NA	NA
Intel Pentium M 1700MHz	376	2479	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1793	NA	NA
Intel Pentium N3520 @ 2.16GHz	1798	1652	NA	NA
Intel Pentium N3530 @ 2.16GHz	1898	1602	NA	NA
Intel Pentium N3540 @ 2.16GHz	1930	1582	7.70	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1835	1636	4.13	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1872	1618	NA	NA
Intel Pentium N4200 @ 1.10GHz	2017	1547	10.27	\$196.49
Intel Pentium P6000 @ 1.87GHz	1247	1938	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	1885	110.57	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1348	1873	30.00	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1853	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2987	1196	14.97	\$199.59
Intel Pentium SU2700 @ 1.30GHz	407	2442	NA	NA
Intel Pentium SU4100 @ 1.30GHz	861	2161	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Pentium T1080 @ 1.73GHz	842	2171	NA	NA
Intel Pentium T2060 @ 1.60GHz	662	2255	NA	NA
Intel Pentium T2080 @ 1.73GHz	706	2236	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2233	NA	NA
Intel Pentium T2310 @ 1.46GHz	730	2223	NA	NA
Intel Pentium T2330 @ 1.60GHz	836	2177	NA	NA
Intel Pentium T2370 @ 1.73GHz	842	2173	24.08	\$35.00*
Intel Pentium T2390 @ 1.86GHz	940	2119	NA	NA
Intel Pentium T2410 @ 2.00GHz	996	2079	NA	NA
Intel Pentium T3200 @ 2.00GHz	1032	2052	86.06	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1114	2002	12.39	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1148	1990	95.68	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1235	1941	NA	NA
Intel Pentium T4400 @ 2.20GHz	1283	1912	NA	NA
Intel Pentium T4500 @ 2.30GHz	1336	1880	NA	NA
Intel Pentium U5400 @ 1.20GHz	822	2183	NA	NA
Intel Pentium U5600 @ 1.33GHz	943	2117	NA	NA
Intel T1200 @ 1.50GHz	435	2417	NA	NA
Intel T1400 @ 1.73GHz	929	2127	NA	NA
Intel T1500 @ 1.86GHz	940	2120	NA	NA
Intel T2050 @ 2.00GHz	959	2108	NA	NA
Intel Xeon 2.00GHz	233	2663	NA	NA
Intel XEON 2.20GHz	252	2641	NA	NA
Intel Xeon 2.40GHz	276	2615	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2416	NA	NA
Intel Xeon 2.80GHz	400	2455	NA	NA
Intel Xeon 3.00GHz	391	2467	NA	NA
Intel Xeon 3.06GHz	491	2350	NA	NA
Intel Xeon 3.20GHz	461	2386	NA	NA
Intel Xeon 3.40GHz	478	2370	NA	NA
Intel Xeon 3.60GHz	509	2340	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2048	NA	NA
Intel Xeon 3.80GHz	604	2285	0.71	\$851.00*
Intel Xeon 1500MHz	193	2700	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1911	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1311	1892	8.30	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1794	9.62	\$157.95*
Intel Xeon 3065 @ 2.33GHz	1504	1803	71.99	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1776	1659	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1632	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1775	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2032	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	1935	0.76	\$1,644.85*
Intel Xeon 5130 @ 2.00GHz	1378	1856	103.95	\$13.26*
Intel Xeon 5133 @ 2.20GHz	1598	1761	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1737	50.57	\$32.42*
Intel Xeon 5148 @ 2.33GHz	1590	1765	39.78	\$39.99*
Intel Xeon 5150 @ 2.66GHz	1747	1673	3.83	\$455.95*
Intel Xeon 5160 @ 3.00GHz	1964	1567	54.88	\$35.80*
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Xeon @ 2.20GHz	1902	1596	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5446	671	21.70	\$251.00*
Intel Xeon D-1518 @ 2.20GHz	5322	691	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	628	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	510	NA	NA
Intel Xeon D-1528 @ 1.90GHz	7946	424	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	282	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	442	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	220	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11056	201	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	412	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14693	109	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13950	129	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8095	410	38.01	\$213.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	132	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18252	52	10.35	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6073	594	31.97	\$190.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6688	535	20.33	\$329.10
Intel Xeon E3-1220 v3 @ 3.10GHz	7093	497	29.70	\$238.83
Intel Xeon E3-1220 v5 @ 3.00GHz	7745	439	31.40	\$246.66
Intel Xeon E3-1220 v6 @ 3.00GHz	8055	411	37.47	\$214.99
Intel Xeon E3-1220L @ 2.20GHz	3563	1029	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	846	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2056	1531	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5924	609	33.85	\$175.00
Intel Xeon E3-1225 V2 @ 3.20GHz	6860	521	24.50	\$280.00
Intel Xeon E3-1225 v3 @ 3.20GHz	7199	487	15.71	\$458.34
Intel Xeon E3-1225 v5 @ 3.30GHz	7795	434	31.40	\$248.31
Intel Xeon E3-1225 v6 @ 3.30GHz	8294	392	35.00	\$236.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7548	455	11.83	\$638.00
Intel Xeon E3-1230 @ 3.20GHz	7848	430	36.50	\$215.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8856	353	24.60	\$359.95
Intel Xeon E3-1230 v3 @ 3.30GHz	9325	313	35.64	\$261.66*
Intel Xeon E3-1230 v5 @ 3.40GHz	9762	278	32.99	\$295.92
Intel Xeon E3-1230 v6 @ 3.50GHz	9947	262	36.84	\$269.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	485	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9626	288	20.06	\$479.97*
Intel Xeon E3-1235 @ 3.20GHz	7680	446	31.48	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	558	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7958	423	32.62	\$244.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9152	326	16.95	\$539.95
Intel Xeon E3-1240 v3 @ 3.40GHz	9686	286	25.20	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10407	226	30.46	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10148	246	35.00	\$289.99
Intel Xeon E3-1240L v3 @ 2.00GHz	7510	459	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	435	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10022	257	12.93	\$775.00
Intel Xeon E3-1245 @ 3.30GHz	8048	416	31.56	\$255.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9122	329	15.01	\$607.59
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Xeon E3-1245 v3 @ 3.40GHz	9574	291	28.16	\$339.95*
Intel Xeon E3-1245 v5 @ 3.50GHz	10227	236	29.62	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10523	221	33.95	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9892	267	11.92	\$830.00
Intel Xeon E3-1260L @ 2.40GHz	6534	551	76.32	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10083	251	23.56	\$428.00
Intel Xeon E3-1265L @ 2.40GHz	6038	597	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7785	436	54.67	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	8722	364	12.29	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	335	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	429	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	367	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8239	395	25.99	\$317.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9474	298	32.99	\$287.22
Intel Xeon E3-1270 v3 @ 3.50GHz	9879	270	26.70	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10328	229	28.11	\$367.48
Intel Xeon E3-1270 v6 @ 3.80GHz	11115	194	30.54	\$363.99
Intel Xeon E3-1271 v3 @ 3.60GHz	10071	253	21.89	\$460.00
Intel Xeon E3-1275 @ 3.40GHz	8348	388	27.46	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9339	311	38.92	\$239.99*
Intel Xeon E3-1275 v3 @ 3.50GHz	9884	269	24.65	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10380	228	19.37	\$536.00
Intel Xeon E3-1275 v6 @ 3.80GHz	11104	197	30.18	\$367.99
Intel Xeon E3-1275L v3 @ 2.70GHz	8827	357	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10225	237	8.15	\$1,254.00
Intel Xeon E3-1280 @ 3.50GHz	8473	381	23.03	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9468	300	6.26	\$1,512.82*
Intel Xeon E3-1280 v3 @ 3.60GHz	9747	281	13.98	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	216	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	189	NA	NA
Intel Xeon E3-1281 v3 @ 3.70GHz	10295	231	11.73	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10256	234	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10641	217	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11689	186	25.98	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	10024	256	12.41	\$808.02
Intel Xeon E3-1285L v4 @ 3.40GHz	11224	192	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	265	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	10129	247	13.09	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	366	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9749	280	11.02	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	500	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8904	350	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9889	268	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	223	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9302	315	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10625	218	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10451	225	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10724	213	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10743	212	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Xeon E3-1585L v5 @ 3.00GHz	10689	214	24.02	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	478	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	467	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5548	655	33.63	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6165	584	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6420	568	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5850	617	266.07	\$21.99*
Intel Xeon E5-1607 v2 @ 3.00GHz	6193	581	19.79	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6931	514	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	483	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9068	334	27.49	\$329.93*
Intel Xeon E5-1620 v2 @ 3.70GHz	9465	301	28.77	\$329.00*
Intel Xeon E5-1620 v3 @ 3.50GHz	9757	279	27.20	\$358.70*
Intel Xeon E5-1620 v4 @ 3.50GHz	9972	261	32.59	\$305.95
Intel Xeon E5-1630 v3 @ 3.70GHz	10269	233	17.18	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10295	232	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11752	184	67.16	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12696	160	19.69	\$644.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13611	142	20.50	\$663.97
Intel Xeon E5-1650 v4 @ 3.60GHz	14245	122	22.61	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12369	169	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13686	137	7.57	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14464	117	8.95	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16192	82	NA	NA
Intel Xeon E5-1680 v2 @ 3.00GHz	16345	77	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16633	71	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	63	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	53	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1040	10.84	\$324.97*
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1063	15.34	\$222.84*
Intel Xeon E5-2407 @ 2.20GHz	3872	954	11.56	\$335.04*
Intel Xeon E5-2407 v2 @ 2.40GHz	4575	820	9.61	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	705	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	504	18.06	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8607	374	14.84	\$579.95*
Intel Xeon E5-2430 @ 2.20GHz	6878	520	9.44	\$728.95
Intel Xeon E5-2430 v2 @ 2.50GHz	8833	356	36.06	\$244.96
Intel Xeon E5-2430L @ 2.00GHz	7269	482	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	542	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	323	166.73	\$55.05
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	304	18.48	\$509.95
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	344	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	242	14.10	\$722.22*
Intel Xeon E5-2450L @ 1.80GHz	8261	394	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	10061	254	31.77	\$316.72*
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	155	5.70	\$2,250.00*
Intel Xeon E5-2603 @ 1.80GHz	3580	1025	128.62	\$27.84*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	980	108.66	\$34.66
Intel Xeon E5-2603 v3 @ 1.60GHz	5165	709	14.44	\$357.68
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Xeon E5-2603 v4 @ 1.70GHz	5451	668	23.70	\$229.99*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	428	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4608	811	58.33	\$79.00
Intel Xeon E5-2609 v2 @ 2.50GHz	5125	714	18.46	\$277.71
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	605	9.58	\$620.09
Intel Xeon E5-2609 v4 @ 1.70GHz	6920	517	20.10	\$344.40*
Intel Xeon E5-2618L v3 @ 2.30GHz	12508	165	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	113	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7935	426	65.19	\$121.73
Intel Xeon E5-2620 v2 @ 2.10GHz	8694	368	35.10	\$247.73
Intel Xeon E5-2620 v3 @ 2.40GHz	9987	260	14.06	\$710.54*
Intel Xeon E5-2620 v4 @ 2.10GHz	11346	190	25.69	\$441.67
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	348	22.07	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8188	401	14.91	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	307	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	180	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13268	149	9.73	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	202	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8859	352	70.94	\$124.89
Intel Xeon E5-2630 v2 @ 2.60GHz	10403	227	65.43	\$159.00
Intel Xeon E5-2630 v3 @ 2.40GHz	12803	158	23.89	\$535.99
Intel Xeon E5-2630 v4 @ 2.20GHz	13905	130	20.45	\$680.03
Intel Xeon E5-2630L @ 2.00GHz	8001	421	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9780	276	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9476	297	12.60	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	154	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9406	306	5.70	\$1,649.22
Intel Xeon E5-2637 v3 @ 3.50GHz	10128	248	7.82	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	224	9.84	\$1,063.95
Intel Xeon E5-2640 @ 2.50GHz	9500	294	88.83	\$106.96
Intel Xeon E5-2640 v2 @ 2.00GHz	9904	264	86.03	\$115.13
Intel Xeon E5-2640 v3 @ 2.60GHz	14062	127	7.89	\$1,781.21
Intel Xeon E5-2640 v4 @ 2.40GHz	15331	98	15.80	\$970.36
Intel Xeon E5-2643 @ 3.30GHz	8425	384	3.16	\$2,663.00*
Intel Xeon E5-2643 v2 @ 3.50GHz	12824	156	4.85	\$2,641.75
Intel Xeon E5-2643 v3 @ 3.40GHz	13801	133	8.30	\$1,663.18*
Intel Xeon E5-2643 v4 @ 3.40GHz	13618	141	8.39	\$1,624.07
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	188	8.40	\$1,355.96
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	138	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14506	115	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10160	245	77.71	\$130.75
Intel Xeon E5-2650 v2 @ 2.60GHz	13074	151	40.05	\$326.42
Intel Xeon E5-2650 v3 @ 2.30GHz	14859	107	7.39	\$2,009.92*
Intel Xeon E5-2650 v4 @ 2.20GHz	15860	89	12.40	\$1,279.07
Intel Xeon E5-2650L @ 1.80GHz	8676	370	109.83	\$79.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13390	146	13.26	\$1,010.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	126	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	191	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	295	6.49	\$1,462.00*
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	125	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	81	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	69	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11093	199	64.67	\$171.54
Intel Xeon E5-2660 v2 @ 2.20GHz	13309	147	43.61	\$305.19
Intel Xeon E5-2660 v3 @ 2.60GHz	16151	84	10.57	\$1,527.99
Intel Xeon E5-2660 v4 @ 2.00GHz	17069	64	11.46	\$1,489.99
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	128	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11776	183	83.23	\$141.50*
Intel Xeon E5-2667 @ 2.90GHz	10327	230	45.70	\$226.00*
Intel Xeon E5-2667 v2 @ 3.30GHz	16186	83	21.20	\$763.56*
Intel Xeon E5-2667 v3 @ 3.20GHz	16119	85	7.13	\$2,259.95*
Intel Xeon E5-2667 v4 @ 3.20GHz	16374	76	7.49	\$2,186.32
Intel Xeon E5-2670 @ 2.60GHz	12182	174	61.22	\$199.00
Intel Xeon E5-2670 v2 @ 2.50GHz	14994	106	30.66	\$489.00*
Intel Xeon E5-2670 v3 @ 2.30GHz	16619	72	10.39	\$1,600.17
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	79	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	17052	65	24.36	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21450	26	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15156	100	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17659	59	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	68	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25236	8	9.34	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12638	162	68.43	\$184.68
Intel Xeon E5-2680 v2 @ 2.80GHz	15745	92	32.61	\$482.81
Intel Xeon E5-2680 v3 @ 2.50GHz	18616	46	22.16	\$839.99
Intel Xeon E5-2680 v4 @ 2.40GHz	19867	37	11.27	\$1,762.90*
Intel Xeon E5-2682 v4 @ 2.50GHz	19526	41	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17396	61	8.76	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	44	10.77	\$1,769.00
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	105	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	43	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14381	118	23.95	\$600.57
Intel Xeon E5-2687W v2 @ 3.40GHz	16487	73	4.44	\$3,713.55*
Intel Xeon E5-2687W v3 @ 3.10GHz	17718	57	5.89	\$3,009.95*
Intel Xeon E5-2687W v4 @ 3.00GHz	19933	35	8.64	\$2,307.31*
Intel Xeon E5-2689 @ 2.60GHz	13476	145	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19892	36	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13860	131	32.76	\$423.12
Intel Xeon E5-2690 v2 @ 3.00GHz	16480	74	29.17	\$565.00
Intel Xeon E5-2690 v3 @ 2.60GHz	19281	42	8.66	\$2,226.67
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	28	9.07	\$2,350.88*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	86	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15847	90	8.90	\$1,779.95
Intel Xeon E5-2695 v3 @ 2.30GHz	20233	32	10.07	\$2,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	31	7.87	\$2,573.16
Intel Xeon E5-2696 v2 @ 2.50GHz	16681	70	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22548	16	9.03	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21331	27	7.09	\$3,009.95*
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Xeon E5-2697 v2 @ 2.70GHz	17444	60	7.80	\$2,235.02
Intel Xeon E5-2697 v3 @ 2.60GHz	21488	25	8.07	\$2,661.90*
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	23	7.67	\$2,805.00
Intel Xeon E5-2697A v4 @ 2.60GHz	21875	21	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21133	29	6.17	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	22	6.77	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22358	17	5.15	\$4,339.95
Intel Xeon E5-2699 v4 @ 2.20GHz	23200	15	5.11	\$4,536.80
Intel Xeon E5-4603 @ 2.00GHz	5014	738	2.65	\$1,890.99
Intel Xeon E5-4617 @ 2.90GHz	8684	369	96.60	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	405	2.31	\$3,519.97*
Intel Xeon E5-4627 v3 @ 2.60GHz	14219	123	5.92	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	95	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	222	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	159	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	198	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	12085	176	126.56	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	182	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	170	2.66	\$4,616.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15556	94	3.24	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	140	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1153	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2165	1486	97.13	\$22.30
Intel Xeon E3113 @ 3.00GHz	2427	1385	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1460	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1844	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1386	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1450	126.39	\$17.92*
Intel Xeon E5320 @ 1.86GHz	2288	1437	8.48	\$269.95*
Intel Xeon E5335 @ 2.00GHz	2513	1353	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2923	1217	73.12	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2856	1241	10.20	\$279.95*
Intel Xeon E5410 @ 2.33GHz	3268	1102	15.79	\$207.01*
Intel Xeon E5420 @ 2.50GHz	3504	1043	17.25	\$203.22*
Intel Xeon E5430 @ 2.66GHz	3777	977	104.92	\$36.00*
Intel Xeon E5440 @ 2.83GHz	3982	931	29.35	\$135.70
Intel Xeon E5450 @ 3.00GHz	4205	889	36.26	\$115.98
Intel Xeon E5462 @ 2.80GHz	3884	951	142.28	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4139	903	75.54	\$54.80*
Intel Xeon E5502 @ 1.87GHz	1378	1855	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1848	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2702	1293	178.24	\$15.16*
Intel Xeon E5506 @ 2.13GHz	2977	1199	43.16	\$69.00*
Intel Xeon E5507 @ 2.27GHz	3137	1148	6.87	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4447	840	273.85	\$16.24*
Intel Xeon E5530 @ 2.40GHz	4605	812	153.53	\$30.00*
Intel Xeon E5540 @ 2.53GHz	4758	782	120.78	\$39.40*
Intel Xeon E5603 @ 1.60GHz	2366	1408	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3049	1177	13.92	\$219.00*
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Xeon E5607 @ 2.27GHz	3398	1071	10.96	\$310.00*
Intel Xeon E5620 @ 2.40GHz	4860	762	67.23	\$72.29
Intel Xeon E5630 @ 2.53GHz	5109	716	89.25	\$57.25*
Intel Xeon E5640 @ 2.67GHz	5263	699	88.47	\$59.49
Intel Xeon E5645 @ 2.40GHz	6498	554	60.18	\$107.98*
Intel Xeon E5649 @ 2.53GHz	6936	513	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1390	NA	NA
Intel Xeon E-2146G @ 3.50GHz	16300	80	52.41	\$311.00*
Intel Xeon E-2174G @ 3.80GHz	11949	181	36.43	\$328.00*
Intel Xeon E-2176M @ 2.70GHz	13752	135	30.56	\$450.00*
Intel Xeon E-2186M @ 2.90GHz	14350	121	23.03	\$623.00*
Intel Xeon Gold 5120 @ 2.20GHz	15110	102	9.68	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	55	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	11104	196	8.61	\$1,289.99*
Intel Xeon Gold 6126 @ 2.60GHz	19711	39	10.35	\$1,905.00*
Intel Xeon Gold 6128 @ 3.40GHz	15022	104	8.17	\$1,838.75*
Intel Xeon Gold 6130 @ 2.10GHz	20222	33	10.22	\$1,978.88
Intel Xeon Gold 6132 @ 2.60GHz	23907	13	10.71	\$2,232.81*
Intel Xeon Gold 6134 @ 3.20GHz	18083	56	7.47	\$2,421.92*
Intel Xeon Gold 6136 @ 3.00GHz	21018	30	7.90	\$2,660.00*
Intel Xeon Gold 6138 @ 2.00GHz	25416	7	9.59	\$2,651.37
Intel Xeon Gold 6140 @ 2.30GHz	23964	12	9.25	\$2,589.99*
Intel Xeon Gold 6144 @ 3.50GHz	19654	40	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	9	6.96	\$3,611.23*
Intel Xeon Gold 6154 @ 3.00GHz	27789	2	7.84	\$3,543.00*
Intel Xeon L3110 @ 3.00GHz	2273	1447	NA	NA
Intel Xeon L3360 @ 2.83GHz	3820	964	42.81	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1878	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	958	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1641	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1448	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1446	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1497	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1278	72.15	\$38.20*
Intel Xeon L5408 @ 2.13GHz	3037	1181	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1081	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3498	1044	162.12	\$21.58*
Intel Xeon L5430 @ 2.66GHz	3716	993	23.53	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	994	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	853	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	863	311.73	\$13.96*
Intel Xeon L5630 @ 2.13GHz	4369	858	252.11	\$17.33*
Intel Xeon L5638 @ 2.00GHz	5556	653	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	522	NA	NA
Intel Xeon L5640 @ 2.27GHz	6425	567	184.89	\$34.75*
Intel Xeon L7455 @ 2.13GHz	3836	960	NA	NA
Intel Xeon MV 3.20GHz	683	2249	NA	NA
Intel Xeon Platinum 8173M @ 2.00GHz	28860	1	NA	NA
Intel Xeon Silver 4109T @ 2.00GHz	10854	207	21.67	\$501.00*
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Xeon Silver 4110 @ 2.10GHz	11659	187	21.16	\$550.96
Intel Xeon Silver 4112 @ 2.60GHz	8548	377	16.15	\$529.21*
Intel Xeon Silver 4114 @ 2.20GHz	14480	116	19.05	\$759.97
Intel Xeon Silver 4116 @ 2.10GHz	15131	101	13.50	\$1,121.16*
Intel Xeon W3503 @ 2.40GHz	1754	1670	108.16	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1858	1623	NA	NA
Intel Xeon W3520 @ 2.67GHz	5059	730	12.34	\$409.95*
Intel Xeon W3530 @ 2.80GHz	5361	683	18.24	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	663	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5706	634	96.07	\$59.40*
Intel Xeon W3565 @ 3.20GHz	5943	604	84.97	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6084	592	12.68	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6433	564	29.99	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8152	403	14.43	\$565.00*
Intel Xeon W3680 @ 3.33GHz	9098	332	19.78	\$459.95*
Intel Xeon W3690 @ 3.47GHz	9182	322	4.06	\$2,260.61*
Intel Xeon W5580 @ 3.20GHz	5836	618	56.19	\$103.88*
Intel Xeon W5590 @ 3.33GHz	6183	582	2.46	\$2,508.95
Intel Xeon W-2102 @ 2.90GHz	7001	508	20.72	\$337.99*
Intel Xeon W-2123 @ 3.60GHz	10768	209	33.13	\$325.03*
Intel Xeon W-2125 @ 4.00GHz	12414	168	27.96	\$444.00*
Intel Xeon W-2133 @ 3.60GHz	14164	124	22.96	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16389	75	18.11	\$904.86
Intel Xeon W-2140B @ 3.20GHz	18472	51	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19816	38	15.30	\$1,294.94*
Intel Xeon W-2150B @ 3.00GHz	21522	24	NA	NA
Intel Xeon W-2155 @ 3.30GHz	22261	18	14.55	\$1,530.39*
Intel Xeon W-2195 @ 2.30GHz	24983	10	9.17	\$2,725.06*
Intel Xeon X3210 @ 2.13GHz	2737	1285	14.74	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3090	1161	53.30	\$57.99*
Intel Xeon X3230 @ 2.66GHz	3431	1060	9.53	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3335	1090	14.53	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3161	1141	44.53	\$70.99*
Intel Xeon X3330 @ 2.66GHz	3375	1079	16.08	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3847	957	64.14	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3881	952	52.81	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3956	936	25.05	\$157.95*
Intel Xeon X3363 @ 2.83GHz	4014	924	25.42	\$157.95*
Intel Xeon X3370 @ 3.00GHz	4289	874	11.69	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	797	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3371	1080	152.55	\$22.10*
Intel Xeon X3440 @ 2.53GHz	4551	825	20.23	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4839	768	60.53	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5117	715	14.33	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5156	710	10.11	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	640	NA	NA
Intel Xeon X5260 @ 3.33GHz	2453	1374	17.62	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2535	1345	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1397	17.10	\$140.00*
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Xeon X5355 @ 2.66GHz	3218	1120	50.29	\$64.00
Intel Xeon X5365 @ 3.00GHz	3491	1045	35.09	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4131	906	108.72	\$38.00
Intel Xeon X5460 @ 3.16GHz	4342	864	72.71	\$59.73*
Intel Xeon X5470 @ 3.33GHz	4611	810	15.69	\$293.87*
Intel Xeon X5472 @ 3.00GHz	4040	918	17.96	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4569	821	45.70	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4829	771	3.47	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5404	678	312.95	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5399	679	96.61	\$55.89*
Intel Xeon X5570 @ 2.93GHz	5679	638	23.67	\$239.95
Intel Xeon X5647 @ 2.93GHz	5980	601	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7425	468	256.05	\$29.00
Intel Xeon X5660 @ 2.80GHz	7637	449	67.48	\$113.18
Intel Xeon X5667 @ 3.07GHz	4722	786	67.47	\$70.00*
Intel Xeon X5670 @ 2.93GHz	7939	425	66.04	\$120.23
Intel Xeon X5672 @ 3.20GHz	6438	561	22.69	\$283.72*
Intel Xeon X5675 @ 3.07GHz	8479	380	20.74	\$408.95
Intel Xeon X5677 @ 3.47GHz	6921	516	35.04	\$197.50
Intel Xeon X5679 @ 3.20GHz	8845	355	NA	NA
Intel Xeon X5680 @ 3.33GHz	8571	376	52.73	\$162.57
Intel Xeon X5687 @ 3.60GHz	7091	498	109.10	\$65.00
Intel Xeon X5690 @ 3.47GHz	8944	347	26.46	\$338.00
Intel Xeon X5698 @ 4.40GHz	4272	876	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1198	NA	NA
Mobile AMD Athlon 4	314	2550	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2505	NA	NA
Mobile AMD Athlon 64 2700+	398	2457	NA	NA
Mobile AMD Athlon 64 2800+	440	2406	NA	NA
Mobile AMD Athlon 64 3000+	450	2396	NA	NA
Mobile AMD Athlon 64 3200+	448	2399	NA	NA
Mobile AMD Athlon 64 3400+	511	2338	NA	NA
Mobile AMD Athlon 64 3700+	435	2418	NA	NA
Mobile AMD Athlon 64 4000+	576	2298	NA	NA
Mobile AMD Athlon 1400+	266	2626	NA	NA
Mobile AMD Athlon 2500+	370	2488	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2627	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2476	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2581	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2349	NA	NA
Mobile AMD Athlon XP	572	2304	47.72	\$11.99
Mobile AMD Athlon XP-M	512	2337	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2709	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2631	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2635	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2538	NA	NA
Mobile AMD Athlon XP-M 1800+	312	2554	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2524	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2570	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	Passmark CPU Mark (higher is better)			
Mobile AMD Athlon XP-M 2200+	364	2498	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2520	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2517	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2487	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2496	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2495	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2409	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2357	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2342	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2588	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2580	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2529	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2485	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2374	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2344	NA	NA
Mobile AMD Sempron 2100+	252	2642	NA	NA
Mobile AMD Sempron 2600+	394	2462	NA	NA
Mobile AMD Sempron 2800+	361	2502	NA	NA
Mobile AMD Sempron 3000+	389	2470	NA	NA
Mobile AMD Sempron 3100+	416	2430	NA	NA
Mobile AMD Sempron 3200+	354	2509	NA	NA
Mobile AMD Sempron 3300+	445	2402	NA	NA
Mobile AMD Sempron 3400+	440	2407	NA	NA
Mobile AMD Sempron 3500+	411	2435	NA	NA
Mobile AMD Sempron 3600+	431	2423	NA	NA
Mobile AMD Sempron 3800+	485	2362	NA	NA
Mobile Intel Celeron 1.20GHz	170	2719	NA	NA
Mobile Intel Celeron 1.50GHz	188	2703	NA	NA
Mobile Intel Celeron 1.60GHz	188	2704	NA	NA
Mobile Intel Celeron 1.70GHz	181	2712	NA	NA
Mobile Intel Celeron 1.80GHz	186	2706	NA	NA
Mobile Intel Celeron 2.00GHz	204	2689	NA	NA
Mobile Intel Celeron 2.20GHz	226	2670	NA	NA
Mobile Intel Celeron 2.40GHz	239	2658	NA	NA
Mobile Intel Celeron 2.50GHz	281	2606	NA	NA
Mobile Intel Celeron 1200MHz	294	2582	NA	NA
Mobile Intel Celeron 1333MHz	280	2609	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2614	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2629	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2611	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2548	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2527	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2506	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2410	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2371	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2698	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2718	0.84	\$206.00
Mobile Intel Pentium 4 - M 1.80GHz	175	2715	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2665	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	Passmark CPU Mark (higher is better)			
Mobile Intel Pentium 4 - M 2.00GHz	202	2693	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2695	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2681	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2637	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2551	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2683	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2694	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2646	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2586	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2671	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2587	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1360	NA	NA
Quad-Core AMD Opteron 1385	3442	1058	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3427	1061	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1216	NA	NA
VIA C3 Ezra	100	2747	NA	NA
VIA C7 1500MHz	284	2599	NA	NA
VIA C7-D 1500MHz	287	2594	NA	NA
VIA C7-D 1800MHz	203	2690	NA	NA
VIA C7-D 2000MHz	368	2491	NA	NA
VIA C7-M 1000MHz	164	2721	NA	NA
VIA C7-M 1200MHz	140	2734	NA	NA
VIA C7-M 1600MHz	178	2714	NA	NA
VIA C7-M 6300MHz	222	2673	NA	NA
VIA Eden 800MHz	155	2725	NA	NA
VIA Eden 1000MHz	123	2742	NA	NA
VIA Eden 1200MHz	142	2733	NA	NA
VIA Eden C1050@1.06GHz	352	2512	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2369	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	1992	NA	NA
VIA Esther 1000MHz	146	2732	NA	NA
VIA Esther 1300MHz	250	2645	NA	NA
VIA Esther 1500MHz	219	2675	NA	NA
VIA Esther 2000MHz	394	2461	NA	NA
VIA Nano L1900@1400MHz	457	2389	NA	NA
VIA Nano L2007@1600MHz	369	2489	NA	NA
VIA Nano L2100@1800MHz	428	2425	NA	NA
VIA Nano L2207@1600MHz	296	2579	NA	NA
VIA Nano L3025@1600MHz	517	2332	NA	NA
VIA Nano L3050@1800MHz	581	2297	NA	NA
VIA Nano L3600@2000MHz	645	2263	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2478	NA	NA
VIA Nano U2250@1300+MHz	274	2618	NA	NA
VIA Nano U2500@1200MHz	306	2561	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2346	NA	NA
VIA Nano U3300@1200MHz	409	2438	NA	NA
VIA Nano U3500@1000MHz	275	2616	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2283	NA	NA
VIA Nehemiah	155	2726	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
VIA QuadCore C4650@2.0GHz	1897	1603	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1863	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1971	NA	NA
VIA Samuel 2	79	2749	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	274	24.17	\$317.40*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	110	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	375	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	381	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	427	NA	NA
[Dual CPU] AMD EPYC 7281	12720	161	9.42	\$1,349.98
[Dual CPU] AMD EPYC 7401	23518	56	5.79	\$4,061.98
[Dual CPU] AMD EPYC 7451	28957	26	5.56	\$5,209.98
[Dual CPU] AMD EPYC 7501	26172	37	2.94	\$8,902.42
[Dual CPU] AMD EPYC 7551	30966	17	4.10	\$7,553.98
[Dual CPU] AMD EPYC 7601	33545	9	3.65	\$9,194.78
[Dual CPU] AMD Opteron 246	1130	416	28.26	\$39.98
[Dual CPU] AMD Opteron 248	1053	417	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	413	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1385	414	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	422	NA	NA
[Dual CPU] AMD Opteron 256	1853	410	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	408	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	404	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	407	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	399	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	390	NA	NA
[Dual CPU] AMD Opteron 290	2807	387	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	384	NA	NA
[Dual CPU] AMD Opteron 2212	2203	405	91.79	\$24.00*
[Dual CPU] AMD Opteron 2214	2344	400	40.41	\$58.00
[Dual CPU] AMD Opteron 2214 HE	2463	398	NA	NA
[Dual CPU] AMD Opteron 2216	2485	396	6.98	\$356.00*
[Dual CPU] AMD Opteron 2216 HE	2593	393	NA	NA
[Dual CPU] AMD Opteron 2218	2719	391	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	394	NA	NA
[Dual CPU] AMD Opteron 2220	2850	385	0.97	\$2,950.32*
[Dual CPU] AMD Opteron 2220 SE	2882	383	57.64	\$50.00
[Dual CPU] AMD Opteron 2222	3008	378	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	373	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	363	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	370	7.36	\$471.66*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2350	4078	364	7.55	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	352	6.88	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	355	148.53	\$29.90
[Dual CPU] AMD Opteron 2360 SE	5315	335	98.43	\$54.00
[Dual CPU] AMD Opteron 2373 EE	4164	361	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	348	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	336	15.70	\$333.60*
[Dual CPU] AMD Opteron 2378	5559	330	15.53	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	322	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	319	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6312	308	NA	NA
[Dual CPU] AMD Opteron 2389	5677	323	48.11	\$118.00
[Dual CPU] AMD Opteron 2419	5191	338	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	311	NA	NA
[Dual CPU] AMD Opteron 2427	5980	317	30.20	\$198.00
[Dual CPU] AMD Opteron 2431	6438	303	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7068	288	29.35	\$240.80*
[Dual CPU] AMD Opteron 2439 SE	8071	261	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	365	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	325	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	306	53.76	\$118.00
[Dual CPU] AMD Opteron 4180	6367	305	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7848	266	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	260	80.90	\$99.98
[Dual CPU] AMD Opteron 4228 HE	7986	262	NA	NA
[Dual CPU] AMD Opteron 4234	9361	227	20.35	\$459.98
[Dual CPU] AMD Opteron 4276 HE	9681	221	NA	NA
[Dual CPU] AMD Opteron 4280	4525	353	45.26	\$99.98
[Dual CPU] AMD Opteron 4284	8772	241	73.11	\$119.98
[Dual CPU] AMD Opteron 4334	9456	226	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	199	21.71	\$479.98
[Dual CPU] AMD Opteron 4376 HE	10244	206	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	189	40.57	\$279.98
[Dual CPU] AMD Opteron 6128	6881	293	163.91	\$41.98
[Dual CPU] AMD Opteron 6128 HE	5582	328	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	244	NA	NA
[Dual CPU] AMD Opteron 6136	7255	282	10.10	\$718.00
[Dual CPU] AMD Opteron 6164 HE	5109	341	NA	NA
[Dual CPU] AMD Opteron 6168	7741	271	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7623	275	38.50	\$198.00
[Dual CPU] AMD Opteron 6174	8776	240	20.90	\$419.96
[Dual CPU] AMD Opteron 6176 SE	8448	249	15.30	\$552.06
[Dual CPU] AMD Opteron 6180 SE	3114	376	NA	NA
[Dual CPU] AMD Opteron 6204	7134	285	50.96	\$139.98
[Dual CPU] AMD Opteron 6212	8955	233	149.30	\$59.98
[Dual CPU] AMD Opteron 6220	10740	195	89.51	\$119.98
[Dual CPU] AMD Opteron 6234	10079	210	72.00	\$139.98*
[Dual CPU] AMD Opteron 6238	10349	202	86.26	\$119.98
[Dual CPU] AMD Opteron 6272	9998	213	100.00	\$99.98
[Dual CPU] AMD Opteron 6274	10682	196	25.43	\$420.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6275	9936	216	NA	NA
[Dual CPU] AMD Opteron 6276	10194	208	63.72	\$159.98
[Dual CPU] AMD Opteron 6284 SE	11985	175	17.12	\$699.98
[Dual CPU] AMD Opteron 6308	8351	252	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10914	193	27.29	\$399.98
[Dual CPU] AMD Opteron 6328	11722	179	29.31	\$399.98
[Dual CPU] AMD Opteron 6344	11203	190	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	186	28.53	\$399.98
[Dual CPU] AMD Opteron 6376	10405	200	16.84	\$617.78
[Dual CPU] AMD Opteron 6378	2905	382	7.26	\$399.98
[Dual CPU] AMD Opteron 6380	14200	148	71.01	\$199.98
[Dual CPU] AMD Opteron 6386 SE	10764	194	35.88	\$299.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 8218	2831	386	67.40	\$42.00
[Dual CPU] AMD Opteron 8220	2510	395	NA	NA
[Dual CPU] AMD Opteron 8222 SE	2793	389	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	374	73.25	\$44.00
[Dual CPU] AMD Opteron 8380	5643	326	13.70	\$412.00*
[Dual CPU] AMD Opteron 8381 HE	5210	337	NA	NA
[Dual CPU] AMD Opteron 8389	6517	300	155.24	\$41.98*
[Dual CPU] AMD Opteron 8431	5813	320	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6781	296	47.09	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	273	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	415	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	402	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	369	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7955	263	2.20	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	436	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	434	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	430	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	432	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	437	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	438	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	435	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	433	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	428	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	687	424	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	784	423	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	426	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	857	421	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	420	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	929	419	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	409	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	418	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2154	406	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	401	0.70	\$3,289.70*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2615	392	98.60	\$26.52*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	377	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2983	380	46.01	\$64.84*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	379	37.50	\$79.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3449	371	3.78	\$911.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3834	367	53.55	\$71.60*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8987	231	17.90	\$502.00*
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11646	181	16.47	\$706.98
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	312	9.55	\$649.94*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	309	14.14	\$445.68*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7486	278	11.17	\$670.08*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	230	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11628	183	14.91	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11725	178	10.11	\$1,159.90*
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	254	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	152	9.35	\$1,457.90
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 v2 @ 2.50GHz	14265	146	29.12	\$489.92
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	187	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	166	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	160	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	120	18.86	\$878.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11835	176	45.52	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	119	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	103	4.13	\$4,500.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6326	307	113.61	\$55.68*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	299	94.06	\$69.32
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8374	250	11.71	\$715.36
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8785	239	19.10	\$459.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8223	257	52.04	\$158.00
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8844	236	15.92	\$555.42
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9984	214	8.05	\$1,240.18
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10992	192	15.96	\$688.80*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12416	165	51.00	\$243.46
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13435	158	27.12	\$495.46
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15289	135	10.76	\$1,421.08*
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16515	121	18.70	\$883.34
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14251	147	17.59	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12208	170	11.12	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	143	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13621	155	54.53	\$249.78
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16054	126	50.48	\$318.00
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18538	104	17.29	\$1,071.98
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18857	102	13.86	\$1,360.06
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	191	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	153	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	136	10.10	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	280	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	16019	128	4.86	\$3,298.44
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16437	123	6.34	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16678	118	7.84	\$2,127.90
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14708	139	68.75	\$213.92
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14453	144	62.77	\$230.26
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20526	89	5.76	\$3,562.42

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20786	85	10.71	\$1,940.72
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13598	157	2.55	\$5,326.00*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21298	78	4.03	\$5,283.50
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21083	81	6.34	\$3,326.36*
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21644	73	6.66	\$3,248.14
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	169	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	11808	177	3.99	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	109	6.67	\$2,711.92
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15001	137	57.37	\$261.50
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19028	101	29.15	\$652.84
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20530	88	5.11	\$4,019.84*
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 v4 @ 2.20GHz	20452	90	7.99	\$2,558.14
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	145	91.04	\$158.00
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14703	140	35.01	\$420.00
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	84	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13319	159	4.56	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18096	108	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	98	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16404	124	47.81	\$343.08
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18347	105	30.06	\$610.38
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22600	67	7.40	\$3,055.98
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23128	62	7.76	\$2,979.98
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	61	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17470	111	61.73	\$283.00*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	45	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17003	115	37.62	\$452.00*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22821	66	14.94	\$1,527.12*
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23109	63	5.11	\$4,519.90*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23855	53	5.46	\$4,372.64
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18247	106	45.85	\$398.00
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	21136	80	21.61	\$978.00*
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	70	6.99	\$3,200.34
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23547	55	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	59	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	22	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	91	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	74	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	21	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18209	107	49.30	\$369.36
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21461	75	22.23	\$965.62
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24877	46	14.81	\$1,679.98
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	58	6.63	\$3,525.80*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	116	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21028	82	5.30	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	44	7.06	\$3,538.00
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	71	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26071	39	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21027	83	17.51	\$1,201.14
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23265	60	3.13	\$7,427.10*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24152	50	4.01	\$6,019.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26639	35	5.77	\$4,614.62*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	94	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	36	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19921	93	23.54	\$846.24
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23780	54	21.04	\$1,130.00
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25668	42	5.76	\$4,453.34
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27561	32	5.86	\$4,701.76*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20590	87	5.78	\$3,559.90
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	47	6.18	\$4,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	43	4.98	\$5,146.32
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23914	52	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	19	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31528	14	5.24	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23445	57	5.24	\$4,470.04
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28349	29	5.32	\$5,323.80*
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30520	18	5.44	\$5,610.00
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	30	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29958	20	4.37	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	11	5.00	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	51	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	25751	41	2.97	\$8,679.90
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34053	8	3.75	\$9,073.60
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	86	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	97	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	130	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	99	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	95	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19127	100	100.15	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	138	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	197	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	68	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	34	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	171	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	131	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	69	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15488	132	33.24	\$466.00
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	212	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	403	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	366	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3601	368	100.47	\$35.84*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4141	362	7.67	\$539.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	344	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4593	351	129.23	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5130	340	64.14	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5182	339	9.26	\$559.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6027	315	14.56	\$414.02*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6367	304	15.67	\$406.44*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6862	295	95.31	\$72.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7177	283	26.44	\$271.40
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7572	276	32.64	\$231.96

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7117	286	130.35	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7836	268	71.50	\$109.60*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2480	397	13.05	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	388	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4891	345	161.31	\$30.32*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5000	343	36.23	\$138.00*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5434	332	5.95	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7438	279	229.00	\$32.48*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7724	272	128.73	\$60.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	267	99.59	\$78.80*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4236	359	16.41	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5560	329	12.69	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5992	316	9.66	\$620.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8090	259	55.96	\$144.58
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8353	251	72.95	\$114.50*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8790	238	73.88	\$118.98
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10337	203	47.87	\$215.96*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10296	204	44.77	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	331	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	334	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	21833	72	7.95	\$2,745.38*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	49	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	79	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	21447	76	7.96	\$2,696.00*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25997	40	8.33	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17302	113	6.71	\$2,579.98*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27978	31	7.34	\$3,810.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	23003	65	6.26	\$3,677.50*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	23057	64	5.83	\$3,957.76
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	29382	23	6.58	\$4,465.62*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	27498	33	5.68	\$4,843.84*
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29135	24	5.48	\$5,320.00*
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35063	7	6.61	\$5,302.74
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	33297	10	6.43	\$5,179.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	27	4.89	\$5,904.00*
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28702	28	4.91	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	28993	25	4.01	\$7,222.46*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	15	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35368	6	4.65	\$7,599.98
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36493	3	5.15	\$7,086.00*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	354	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	358	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	346	64.02	\$76.40*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	327	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6137	313	30.66	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6487	302	150.30	\$43.16*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6600	297	20.89	\$315.90*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	292	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	291	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	264	284.35	\$27.92*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	290	202.14	\$34.66*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	234	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	222	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9727	220	139.96	\$69.50*
[Dual CPU] Intel Xeon MP 2.50GHz	550	429	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	431	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	425	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	411	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 Platinum 8160M @ 2.10GHz	32226	12	2.09	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39514	2	3.35	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	5	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	35981	4	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	31092	16	1.55	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	16342	125	17.02	\$959.98
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16448	122	14.93	\$1,101.92
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13731	150	12.97	\$1,058.42*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19569	96	12.87	\$1,519.94
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	19929	92	8.89	\$2,242.32*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	209	48.66	\$207.76*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10356	201	2.06	\$5,017.90
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	205	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4768	349	17.12	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	350	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	347	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5779	321	45.15	\$128.00
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6237	310	31.34	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7490	277	98.55	\$76.00
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7855	265	65.75	\$119.46*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8191	258	13.94	\$587.74*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7780	269	17.29	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8236	256	41.18	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8769	242	3.15	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8971	232	259.73	\$34.54*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	228	81.27	\$111.78*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9542	224	19.88	\$479.90
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	217	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11366	188	195.97	\$58.00
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11662	180	51.52	\$226.36
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	237	62.98	\$140.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12353	167	51.37	\$240.46
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	211	17.76	\$567.44*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12633	163	15.45	\$817.90
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11510	184	29.14	\$395.00
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	156	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13635	154	41.94	\$325.14
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11991	174	92.24	\$130.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13842	149	20.48	\$676.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	248	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	298	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	243	41.21	\$211.60*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	215	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	182	264.34	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	360	9.48	\$440.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	342	15.28	\$330.00*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	357	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	356	199.09	\$21.98
[Dual CPU] Quad-Core AMD Opteron 8378	5382	333	30.51	\$176.42*
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 8393 SE	6864	294	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	324	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	318	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	253	NA	NA
[Quad CPU] AMD Opteron 6136	9767	218	6.80	\$1,436.00
[Quad CPU] AMD Opteron 6174	8594	246	10.23	\$839.92
[Quad CPU] AMD Opteron 6272	12292	168	61.47	\$199.96
[Quad CPU] AMD Opteron 6274	10488	198	12.49	\$840.00*
[Quad CPU] AMD Opteron 6276	15342	134	47.95	\$319.96
[Quad CPU] AMD Opteron 6278	12055	173	23.18	\$519.96
[Quad CPU] AMD Opteron 6376	14681	141	11.88	\$1,235.56
[Quad CPU] AMD Opteron 6380	12442	164	31.11	\$399.96
[Quad CPU] AMD Opteron 8360 SE	6490	301	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	314	NA	NA
[Quad CPU] AMD Opteron 8382	8553	247	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	281	NA	NA
[Quad CPU] AMD Opteron 8431	8252	255	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	287	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	235	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	412	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	372	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	117	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	129	1.13	\$14,079.88*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	48	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	77	55.95	\$381.96*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	127	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	13	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	114	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	112	131.38	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14622	142	15.69	\$932.00
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	162	15.87	\$799.96*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	289	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	270	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	207	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	223	40.56	\$236.00
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	229	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	38	5.07	\$5,159.96*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	219	NA	NA
	44139	1	1.10	\$40,060.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz				
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	225	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12068	172	28.52	\$423.20*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	245	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	185	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	133	175.16	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	284	163.10	\$43.96

* - Last price seen from our affiliates.




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