

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.

How does your CPU compare?
Add your CPU to our benchmark chart with **PerformanceTest V9!**

Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2609	NA	NA
AMD A4 Micro-6400T APU	1544	1803	NA	NA
AMD A4 PRO-3340B	2402	1414	NA	NA
AMD A4 PRO-7300B APU	2338	1435	NA	NA
AMD A4 PRO-7350B	2794	1279	NA	NA
AMD A4-1200 APU	639	2287	NA	NA
AMD A4-1250 APU	618	2296	NA	NA
AMD A4-3300 APU	1504	1826	115.80	\$12.99
AMD A4-3300M APU	1186	1987	39.55	\$29.99*
AMD A4-3305M APU	1221	1970	40.71	\$30.00*
AMD A4-3310MX APU	1292	1925	NA	NA
AMD A4-3320M APU	1253	1953	36.88	\$34.00
AMD A4-3330MX APU	1218	1971	NA	NA
AMD A4-3400 APU	1595	1785	155.09	\$10.29
AMD A4-3420 APU	1676	1737	NA	NA
AMD A4-4000 APU	1822	1664	60.76	\$29.99
AMD A4-4020 APU	1918	1610	19.19	\$100.00
AMD A4-4300M APU	1609	1774	40.38	\$39.86
AMD A4-4355M APU	1175	1991	NA	NA
AMD A4-5000 APU	1908	1614	NA	NA
AMD A4-5050 APU	2113	1531	NA	NA
AMD A4-5100 APU	2037	1559	NA	NA
AMD A4-5150M APU	1844	1651	NA	NA
AMD A4-5300 APU	2011	1572	34.49	\$58.32*
AMD A4-5300B APU	2125	1525	55.94	\$38.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-6210 APU	2155	1510	NA	NA
AMD A4-6250J APU	2556	1357	NA	NA
AMD A4-6300 APU	2222	1489	65.39	\$33.99
AMD A4-6300B APU	2129	1521	21.30	\$100.00*
AMD A4-6320 APU	2337	1436	33.40	\$69.99
AMD A4-7210 APU	2503	1381	NA	NA
AMD A4-7300 APU	2297	1455	49.00	\$46.88
AMD A4-9120	1913	1611	NA	NA
AMD A6 Micro-6500T APU	1834	1660	NA	NA
AMD A6 PRO-7050B APU	1610	1773	NA	NA
AMD A6 PRO-7400B	2690	1313	NA	NA
AMD A6-1450 APU	1518	1819	NA	NA
AMD A6-3400M APU	1886	1633	62.93	\$29.97*
AMD A6-3410MX APU	2053	1555	68.47	\$29.99*
AMD A6-3420M APU	2002	1575	NA	NA
AMD A6-3430MX APU	2225	1488	NA	NA
AMD A6-3500 APU	2011	1571	50.31	\$39.99
AMD A6-3600 APU	2703	1309	117.61	\$22.99*
AMD A6-3620 APU	2799	1277	46.67	\$59.99*
AMD A6-3650 APU	3156	1159	98.68	\$31.99
AMD A6-3670 APU	3193	1145	63.88	\$49.99
AMD A6-4400M APU	1634	1761	41.02	\$39.86*
AMD A6-4455M APU	1283	1933	NA	NA
AMD A6-5200 APU	2425	1404	NA	NA
AMD A6-5345M APU	1476	1835	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	1901	1618	31.71	\$59.95
AMD A6-5357M APU	1938	1599	NA	NA
AMD A6-5400B APU	2194	1499	20.89	\$105.04*
AMD A6-5400K APU	2151	1513	17.49	\$123.00
AMD A6-6310 APU	2445	1399	NA	NA
AMD A6-6400B APU	2281	1465	NA	NA
AMD A6-6400K APU	2302	1454	32.90	\$69.99
AMD A6-6420B APU	2612	1336	NA	NA
AMD A6-6420K APU	2361	1432	15.75	\$149.99*
AMD A6-7000	1671	1739	NA	NA
AMD A6-7310 APU	2665	1321	NA	NA
AMD A6-7400K APU	2783	1282	56.82	\$48.99
AMD A6-7470K	2777	1285	39.69	\$69.99
AMD A6-8500P	2202	1496	NA	NA
AMD A6-8550	3104	1173	NA	NA
AMD A6-9200	1688	1729	NA	NA
AMD A6-9210	1842	1653	NA	NA
AMD A6-9220	2190	1501	NA	NA
AMD A6-9220e	1584	1790	NA	NA
AMD A6-9225	2267	1471	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-9230	2102	1535	NA	NA
AMD A6-9500	2996	1209	52.72	\$56.83
AMD A6-9500E	2918	1237	48.65	\$59.99
AMD A8 PRO-7150B APU	2650	1323	NA	NA
AMD A8 PRO-7600B APU	4806	793	NA	NA
AMD A8-3500M APU	1972	1586	28.19	\$69.95
AMD A8-3510MX APU	2370	1426	NA	NA
AMD A8-3520M APU	2178	1505	NA	NA
AMD A8-3530MX APU	2375	1424	NA	NA
AMD A8-3550MX APU	2610	1337	NA	NA
AMD A8-3800 APU	3034	1196	53.25	\$56.99
AMD A8-3820 APU	3134	1167	25.08	\$124.99*
AMD A8-3850 APU	3468	1071	26.32	\$131.79*
AMD A8-3870K APU	3552	1050	71.06	\$49.99
AMD A8-4500M APU	2666	1319	NA	NA
AMD A8-4555M APU	2125	1526	NA	NA
AMD A8-5500 APU	3993	945	30.96	\$129.00*
AMD A8-5500B APU	3963	953	NA	NA
AMD A8-5545M APU	2582	1348	NA	NA
AMD A8-5550M APU	3007	1204	NA	NA
AMD A8-5557M APU	2963	1220	NA	NA
AMD A8-5600K APU	4341	881	24.12	\$179.95
AMD A8-6410 APU	2571	1354	NA	NA
AMD A8-6500 APU	4385	871	27.24	\$160.99*
AMD A8-6500B APU	4603	829	NA	NA
AMD A8-6500T APU	3221	1133	NA	NA
AMD A8-6600K APU	4582	835	47.24	\$96.99
AMD A8-7050	1986	1581	NA	NA
AMD A8-7100 APU	2802	1275	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7200P	3319	1107	NA	NA
AMD A8-7410 APU	2737	1302	NA	NA
AMD A8-7600 APU	5090	735	78.33	\$64.99*
AMD A8-7650K	4932	769	66.66	\$73.99
AMD A8-7670K	5105	729	25.53	\$199.99
AMD A8-8600P	3248	1124	NA	NA
AMD A8-8650	5470	675	NA	NA
AMD A8-9600	4982	760	76.66	\$64.99
AMD A9-9400	2312	1446	NA	NA
AMD A9-9410	2553	1359	NA	NA
AMD A9-9420	2321	1441	NA	NA
AMD A9-9420e	1877	1636	NA	NA
AMD A9-9425	2744	1297	NA	NA
AMD A9-9430	2513	1375	NA	NA
AMD A10 Micro-6700T APU	1890	1627	NA	NA
AMD A10 PRO-7350B APU	3212	1141	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10 PRO-7800B APU	5108	728	NA	NA
AMD A10 PRO-7850B APU	5382	691	NA	NA
AMD A10-4600M APU	3111	1172	NA	NA
AMD A10-4655M APU	2598	1341	NA	NA
AMD A10-4657M APU	2906	1242	NA	NA
AMD A10-5700 APU	4209	905	2.81	\$1,497.78
AMD A10-5745M APU	2760	1292	NA	NA
AMD A10-5750M APU	3343	1104	NA	NA
AMD A10-5757M APU	3082	1180	NA	NA
AMD A10-5800B APU	4651	814	NA	NA
AMD A10-5800K APU	4638	816	14.53	\$319.10
AMD A10-6700 APU	4598	831	39.31	\$116.99
AMD A10-6700T APU	3691	1019	25.01	\$147.61*
AMD A10-6790K APU	4704	806	49.53	\$94.99
AMD A10-6800B APU	4991	757	NA	NA
AMD A10-6800K APU	4860	781	16.95	\$286.85*
AMD A10-7300 APU	2906	1244	NA	NA
AMD A10-7400P	3636	1027	NA	NA
AMD A10-7700K APU	5130	725	49.62	\$103.39
AMD A10-7800 APU	4992	756	48.47	\$102.99
AMD A10-7850K APU	5474	673	42.12	\$129.99
AMD A10-7860K	5090	736	12.79	\$398.00
AMD A10-7870K	5468	676	21.88	\$249.99
AMD A10-7890K	5745	642	28.73	\$199.99
AMD A10-8700P	3451	1075	NA	NA
AMD A10-8750	5082	738	NA	NA
AMD A10-8850	5616	657	NA	NA
AMD A10-9600P	3801	987	NA	NA
AMD A10-9620P	3668	1023	NA	NA
AMD A10-9630P	4497	851	NA	NA
AMD A10-9700	5443	682	68.06	\$79.99
AMD A10-9700E	4687	808	66.98	\$69.99
AMD A12-9700P	3735	1007	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A12-9720P	3988	947	NA	NA
AMD A12-9730P	4381	872	NA	NA
AMD A12-9800	5522	671	42.48	\$129.99
AMD A12-9800E	5104	731	44.78	\$113.99
AMD Athlon64 X2 Dual Core 4600+	1108	2029	NA	NA
AMD Athlon 4	279	2629	7.00	\$39.99
AMD Athlon 64 2000+	116	2764	NA	NA
AMD Athlon 64 2200+	575	2320	NA	NA
AMD Athlon 64 2600+	374	2502	NA	NA
AMD Athlon 64 2800+	438	2432	4.38	\$99.99*
AMD Athlon 64 3000+	463	2402	6.18	\$74.95
AMD Athlon 64 3200+	491	2369	3.28	\$149.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 3300+	576	2319	NA	NA
AMD Athlon 64 3400+	546	2332	NA	NA
AMD Athlon 64 3500+	539	2338	4.96	\$108.95
AMD Athlon 64 3600+	601	2306	NA	NA
AMD Athlon 64 3700+	599	2307	8.69	\$69.00*
AMD Athlon 64 3800+	590	2309	3.28	\$179.95
AMD Athlon 64 4000+	605	2300	50.51	\$11.99
AMD Athlon 64 FX-25	794	2213	NA	NA
AMD Athlon 64 FX-34	380	2493	NA	NA
AMD Athlon 64 FX-51	437	2433	NA	NA
AMD Athlon 64 FX-53	646	2281	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2245	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2241	NA	NA
AMD Athlon 64 FX-59	715	2249	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1934	NA	NA
AMD Athlon 64 FX-62 Dual Core	1579	1792	NA	NA
AMD Athlon 64 FX-72	1794	1674	NA	NA
AMD Athlon 64 FX-74	1495	1830	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2128	NA	NA
AMD Athlon 64 X2 4200+	1285	1931	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1884	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2102	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	969	2117	16.15	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1001	2094	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1041	2070	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	2034	6.10	\$179.95
AMD Athlon 64 X2 Dual Core 4400+	1146	2013	95.61	\$11.99
AMD Athlon 64 X2 Dual Core 4600+	1222	1969	3.40	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1254	1951	81.00	\$15.49
AMD Athlon 64 X2 Dual Core 5000+	1312	1911	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1383	1873	26.06	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1445	1847	27.28	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1483	1833	9.90	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1808	61.17	\$24.99
AMD Athlon 64 X2 Dual Core 6000+	1605	1778	10.03	\$159.99
AMD Athlon 64 X2 Dual Core 6400+	1790	1675	6.89	\$259.95
AMD Athlon 64 X2 Dual Core BE-230	1095	2038	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core BE-2300	1082	2049	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2067	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2193	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2194	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2116	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2173	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2205	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	872	2174	11.99	\$72.74*

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 TK-57	927	2147	NA	NA
AMD Athlon 64 X2 QL-60	918	2157	NA	NA
AMD Athlon 64 X2 QL-62	1014	2086	NA	NA
AMD Athlon 64 X2 QL-64	989	2106	NA	NA
AMD Athlon 64 X2 QL-65	1047	2066	NA	NA
AMD Athlon 64 X2 QL-66	947	2133	NA	NA
AMD Athlon 64 X2 QL-67	1006	2091	NA	NA
AMD Athlon 64 X2 TK-55	955	2129	NA	NA
AMD Athlon 64 X2 TK-57	988	2107	NA	NA
AMD Athlon 200GE	4931	770	NA	NA
AMD Athlon 1500+	294	2602	NA	NA
AMD Athlon 1640B	678	2271	13.57	\$50.00*
AMD Athlon 1700+	349	2532	NA	NA
AMD Athlon 2000+	390	2488	NA	NA
AMD Athlon 2100+	412	2453	NA	NA
AMD Athlon 2200+	363	2519	4.55	\$79.99*
AMD Athlon 2400+	462	2404	NA	NA
AMD Athlon 2500+	374	2500	2.04	\$183.99*
AMD Athlon 2600+	444	2422	4.23	\$104.95*
AMD Athlon 2650e	409	2457	21.56	\$19.00*
AMD Athlon 2800+	447	2419	3.20	\$139.95*
AMD Athlon 2850e	504	2364	NA	NA
AMD Athlon 3100+	485	2383	NA	NA
AMD Athlon 3200+	458	2407	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	1924	76.13	\$16.98
AMD Athlon 5150 APU	2100	1537	13.13	\$159.95
AMD Athlon 5200 Dual-Core	1248	1956	41.64	\$29.99
AMD Athlon 5350 APU	2603	1340	7.85	\$331.40*
AMD Athlon 5370 APU	2898	1249	45.51	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1846	NA	NA
AMD Athlon 7550 Dual-Core	1458	1841	24.30	\$60.00*
AMD Athlon 7750 Dual-Core	1578	1793	10.61	\$148.71*
AMD Athlon 7850 Dual-Core	1715	1709	8.18	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2612	NA	NA
AMD Athlon Dual Core 4050e	1086	2044	NA	NA
AMD Athlon Dual Core 4450B	1162	2003	37.49	\$31.00*
AMD Athlon Dual Core 4450e	1099	2033	NA	NA
AMD Athlon Dual Core 4850B	1391	1871	NA	NA
AMD Athlon Dual Core 4850e	1310	1913	33.61	\$39.00*
AMD Athlon Dual Core 5000B	1300	1917	13.69	\$95.00*
AMD Athlon Dual Core 5050e	1347	1895	22.45	\$60.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 5200B	1319	1908	NA	NA
AMD Athlon Dual Core 5400B	1397	1866	NA	NA
AMD Athlon Dual Core 5600B	1304	1916	NA	NA
AMD Athlon II 160u	560	2328	18.68	\$29.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II 170u	624	2294	20.84	\$29.95*
AMD Athlon II Dual-Core M300	1114	2022	NA	NA
AMD Athlon II Dual-Core M320	1141	2016	38.06	\$30.00*
AMD Athlon II Dual-Core M340	1056	2063	NA	NA
AMD Athlon II N330 Dual-Core	1154	2007	NA	NA
AMD Athlon II N350 Dual-Core	1247	1959	NA	NA
AMD Athlon II N370 Dual-Core	1559	1799	NA	NA
AMD Athlon II Neo K125	472	2394	NA	NA
AMD Athlon II Neo K145	525	2346	NA	NA
AMD Athlon II Neo K325 Dual-Core	774	2221	29.81	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2186	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2215	NA	NA
AMD Athlon II P320 Dual-Core	1216	1972	40.61	\$29.95
AMD Athlon II P340 Dual-Core	1249	1955	27.79	\$44.95*
AMD Athlon II P360 Dual-Core	1323	1907	55.13	\$24.00
AMD Athlon II X2 210e	1486	1832	NA	NA
AMD Athlon II X2 215	1577	1794	131.60	\$11.99*
AMD Athlon II X2 220	1632	1762	50.72	\$32.19
AMD Athlon II X2 225	1526	1809	NA	NA
AMD Athlon II X2 235e	1660	1749	9.13	\$181.88*
AMD Athlon II X2 240	1642	1756	102.71	\$15.99
AMD Athlon II X2 240e	1698	1723	48.60	\$34.95*
AMD Athlon II X2 245	1661	1748	47.53	\$34.95
AMD Athlon II X2 245e	1706	1716	21.33	\$80.00*
AMD Athlon II X2 250	1743	1695	9.18	\$189.95
AMD Athlon II X2 250e	1949	1596	25.41	\$76.73*
AMD Athlon II X2 250u	1000	2095	28.62	\$34.95*
AMD Athlon II X2 255	1848	1649	28.34	\$65.22*
AMD Athlon II X2 260	1872	1639	93.65	\$19.99
AMD Athlon II X2 260u	1107	2031	13.28	\$83.44*
AMD Athlon II X2 265	1890	1628	22.81	\$82.88*
AMD Athlon II X2 270	1980	1583	82.56	\$23.99
AMD Athlon II X2 270u	1350	1893	19.96	\$67.67*
AMD Athlon II X2 280	2131	1520	21.32	\$99.99*
AMD Athlon II X2 4300e	1350	1892	NA	NA
AMD Athlon II X2 4400e	1618	1770	NA	NA
AMD Athlon II X2 4450e	1504	1825	NA	NA
AMD Athlon II X2 B22	1711	1711	28.49	\$60.09
AMD Athlon II X2 B24	1770	1683	44.31	\$39.95*
AMD Athlon II X2 B26	1883	1634	41.91	\$44.95*
AMD Athlon II X2 B28	2089	1540	42.60	\$49.05*
AMD Athlon II X3 400e	2009	1574	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1564	25.32	\$79.99*
AMD Athlon II X3 415e	2247	1478	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1460	19.68	\$116.15*
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)
AMD Athlon II X3 425	2311	1447	85.65	\$26.99
AMD Athlon II X3 425e	2239	1483	NA	NA
AMD Athlon II X3 435	2473	1390	82.47	\$29.99
AMD Athlon II X3 440	2571	1353	95.29	\$26.99
AMD Athlon II X3 445	2573	1352	28.28	\$91.00*
AMD Athlon II X3 450	2623	1332	65.61	\$39.99
AMD Athlon II X3 455	2769	1287	71.03	\$38.99
AMD Athlon II X3 460	2859	1258	73.35	\$38.99
AMD Athlon II X4 553	3814	982	NA	NA
AMD Athlon II X4 555	3830	978	NA	NA
AMD Athlon II X4 559	4142	920	NA	NA
AMD Athlon II X4 600e	2453	1396	18.84	\$130.23*
AMD Athlon II X4 605e	2750	1296	27.01	\$101.80*
AMD Athlon II X4 610e	2797	1278	39.97	\$69.99*
AMD Athlon II X4 615e	2901	1248	49.17	\$59.00*
AMD Athlon II X4 620	2938	1228	41.98	\$69.99
AMD Athlon II X4 620e	2906	1243	NA	NA
AMD Athlon II X4 630	3135	1166	72.92	\$42.99
AMD Athlon II X4 631 Quad-Core	3153	1161	39.42	\$80.00*
AMD Athlon II X4 635	3244	1125	46.38	\$69.95
AMD Athlon II X4 638 Quad-Core	3198	1144	120.73	\$26.49
AMD Athlon II X4 640	3315	1109	13.82	\$239.95
AMD Athlon II X4 641 Quad-Core	3346	1102	36.57	\$91.50*
AMD Athlon II X4 645	3475	1068	69.52	\$49.99
AMD Athlon II X4 650	3479	1067	20.89	\$166.60*
AMD Athlon II X4 651 Quad-Core	3565	1044	20.03	\$178.04*
AMD Athlon II X4 655	2998	1208	NA	NA
AMD Athlon II X4 6400e	2594	1343	NA	NA
AMD Athlon L110	306	2578	NA	NA
AMD Athlon LE-1600	567	2325	27.04	\$21.00*
AMD Athlon LE-1620	572	2322	31.80	\$18.00*
AMD Athlon LE-1640	627	2292	NA	NA
AMD Athlon LE-1660	688	2264	NA	NA
AMD Athlon MP	230	2684	4.20	\$54.95*
AMD Athlon MP 1700+	339	2544	NA	NA
AMD Athlon MP 2400+	436	2434	NA	NA
AMD Athlon MP 2800+	497	2367	NA	NA
AMD Athlon Neo MV-40	409	2458	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2093	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2220	NA	NA
AMD Athlon Neo X2 Dual Core L335	824	2201	NA	NA
AMD Athlon PRO 200GE	5286	709	NA	NA
AMD Athlon QI-46	473	2393	NA	NA
AMD Athlon TF-20	414	2451	NA	NA
AMD Athlon TF-36	358	2522	NA	NA
AMD Athlon X2 215	1543	1804	NA	NA
AMD Athlon X2 235e	1806	1669	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 240	1589	1789	NA	NA
AMD Athlon X2 240e	1670	1740	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	1725	NA	NA
AMD Athlon X2 255	1627	1765	NA	NA
AMD Athlon X2 280	2303	1451	68.77	\$33.49
AMD Athlon X2 340 Dual Core	1901	1619	38.03	\$49.99
AMD Athlon X2 370K Dual Core	2251	1477	NA	NA
AMD Athlon X2 440	1424	1855	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2218	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2096	NA	NA
AMD Athlon X2 Dual Core BE-2300	925	2151	NA	NA
AMD Athlon X2 Dual Core BE-2350	1104	2032	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	1973	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1954	NA	NA
AMD Athlon X2 Dual Core L310	643	2284	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2089	NA	NA
AMD Athlon X3 425	2191	1500	NA	NA
AMD Athlon X3 435	2574	1351	26.96	\$95.49*
AMD Athlon X3 440	2078	1546	23.62	\$87.99*
AMD Athlon X3 445	2314	1444	NA	NA
AMD Athlon X3 450	3064	1187	38.80	\$78.99*
AMD Athlon X3 455	2401	1415	NA	NA
AMD Athlon X4 605e	2505	1379	NA	NA
AMD Athlon X4 620	2861	1256	47.74	\$59.95
AMD Athlon X4 635	2891	1251	23.71	\$121.99*
AMD Athlon X4 640	3172	1149	NA	NA
AMD Athlon X4 740 Quad Core	4009	940	14.48	\$277.00*
AMD Athlon X4 750 Quad Core	4551	841	NA	NA
AMD Athlon X4 750K Quad Core	4250	900	55.21	\$76.99*
AMD Athlon X4 760K Quad Core	4596	833	99.96	\$45.99
AMD Athlon X4 830	4701	807	NA	NA
AMD Athlon X4 840	5040	750	64.01	\$78.74*
AMD Athlon X4 845	5426	685	108.55	\$49.99
AMD Athlon X4 860K	5435	683	92.15	\$58.99
AMD Athlon X4 870K	5301	707	72.28	\$73.35
AMD Athlon X4 880K	5565	664	61.84	\$89.99
AMD Athlon X4 950	5305	706	88.44	\$59.99
AMD Athlon XP1600+	281	2624	NA	NA
AMD Athlon XP1700+	234	2680	NA	NA
AMD Athlon XP1900+	353	2528	NA	NA
AMD Athlon XP2100+	287	2614	NA	NA
AMD Athlon XP2200+	401	2472	NA	NA
AMD Athlon XP2400+	374	2501	NA	NA
AMD Athlon XP 1500	282	2623	NA	NA
AMD Athlon XP 1500+	257	2654	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 1600+	267	2644	NA	NA
AMD Athlon XP 1700	344	2540	NA	NA
AMD Athlon XP 1700+	271	2638	NA	NA
AMD Athlon XP 1800+	300	2589	5.10	\$58.95*
AMD Athlon XP 1900+	312	2572	NA	NA
AMD Athlon XP 2000+	299	2590	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	2556	NA	NA
AMD Athlon XP 2200+	328	2554	3.87	\$84.95*
AMD Athlon XP 2300+	464	2401	NA	NA
AMD Athlon XP 2400+	360	2521	4.01	\$89.99*
AMD Athlon XP 2500+	355	2525	NA	NA
AMD Athlon XP 2600+	372	2505	16.18	\$23.03*
AMD Athlon XP 2700+	393	2482	4.64	\$84.79*
AMD Athlon XP 2800+	399	2475	NA	NA
AMD Athlon XP 2900+	440	2427	NA	NA
AMD Athlon XP 3000+	402	2470	5.05	\$79.70*
AMD Athlon XP 3100+	433	2440	NA	NA
AMD Athlon XP 3200+	433	2439	NA	NA
AMD Athlon XP 3400+	570	2324	NA	NA
AMD Athlon XP Pro3+	367	2511	NA	NA
AMD Athlon XP-M	541	2337	15.48	\$34.95*
AMD C-30	310	2574	NA	NA
AMD C-50	462	2403	NA	NA
AMD C-60	466	2398	NA	NA
AMD C-60 APU	544	2333	NA	NA
AMD C-70 APU	563	2327	NA	NA
AMD E1 Micro-6200T APU	960	2126	NA	NA
AMD E1-1200 APU	657	2277	NA	NA
AMD E1-1500 APU	687	2265	NA	NA
AMD E1-2100 APU	635	2288	NA	NA
AMD E1-2200 APU	767	2223	NA	NA
AMD E1-2500 APU	891	2170	NA	NA
AMD E1-6010 APU	858	2184	NA	NA
AMD E1-6015 APU	895	2169	NA	NA
AMD E1-7010 APU	1011	2088	NA	NA
AMD E2-1800 APU	818	2203	NA	NA
AMD E2-2000 APU	830	2198	NA	NA
AMD E2-3000 APU	1088	2041	NA	NA
AMD E2-3000M APU	1094	2039	54.72	\$20.00*
AMD E2-3200 APU	1413	1861	176.92	\$7.99*
AMD E2-3800 APU	1644	1754	NA	NA
AMD E2-6110 APU	1900	1621	NA	NA
AMD E2-7110 APU	2280	1466	NA	NA
AMD E2-9000	1649	1753	NA	NA
AMD E2-9000e	1345	1896	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E2-9010	1774	1681	NA	NA
AMD E-240	318	2562	NA	NA
AMD E-300 APU	611	2299	NA	NA
AMD E-350	747	2235	NA	NA
AMD E-350 APU	757	2231	NA	NA
AMD E-350D APU	723	2244	NA	NA
AMD E-450 APU	767	2224	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1692	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1541	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2509	1376	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	1410	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	740	NA	NA
AMD Embedded R-Series RX-421BD	4635	818	NA	NA
AMD EPYC 7251 8-Core	10679	223	20.15	\$529.99
AMD EPYC 7351P	15820	97	17.14	\$923.00
AMD EPYC 7401P	18546	51	13.11	\$1,414.80
AMD EPYC 7501	18942	47	4.32	\$4,389.87
AMD EPYC 7551	18483	52	4.85	\$3,813.99
AMD FirePro A320 APU	4540	846	NA	NA
AMD FX-670K Quad-Core	4550	842	NA	NA
AMD FX-770K Quad-Core	4795	795	NA	NA
AMD FX-870K Quad Core	5105	730	NA	NA
AMD FX-4100 Quad-Core	4069	929	31.30	\$129.99*
AMD FX-4130 Quad-Core	4168	914	54.86	\$75.99*
AMD FX-4150 Quad-Core	4594	834	NA	NA
AMD FX-4170 Quad-Core	4855	784	48.56	\$99.99
AMD FX-4200 Quad-Core	4261	895	18.68	\$228.21*
AMD FX-4300 Quad-Core	4682	809	87.71	\$53.39
AMD FX-4320	5004	755	NA	NA
AMD FX-4330	5321	704	NA	NA
AMD FX-4350 Quad-Core	5333	701	41.03	\$129.99
AMD FX-6100 Six-Core	5379	692	17.99	\$299.00
AMD FX-6120 Six-Core	5741	643	NA	NA
AMD FX-6130 Six-Core	6215	590	NA	NA
AMD FX-6200 Six-Core	6129	602	18.03	\$339.95
AMD FX-6300 Six-Core	6385	582	108.25	\$58.99
AMD FX-6330 Six-Core	6916	530	NA	NA
AMD FX-6350 Six-Core	6991	522	53.79	\$129.99
AMD FX-7500 APU	3217	1138	NA	NA
AMD FX-7600P	4053	931	NA	NA
AMD FX-7600P APU	4627	820	NA	NA
AMD FX-8100 Eight-Core	6018	613	42.39	\$142.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8120 Eight-Core	6597	558	65.99	\$99.99
AMD FX-8140 Eight-Core	6033	611	NA	NA
AMD FX-8150 Eight-Core	7626	463	19.89	\$383.50*
AMD FX-8300 Eight-Core	7719	454	95.79	\$80.59
AMD FX-8310 Eight-Core	7758	449	NA	NA
AMD FX-8320 Eight-Core	8017	426	87.15	\$92.00
AMD FX-8320E Eight-Core	7541	467	79.87	\$94.42
AMD FX-8350 Eight-Core	8949	353	111.88	\$79.99
AMD FX-8370 Eight-Core	9028	347	69.45	\$129.99
AMD FX-8370E Eight-Core	7804	443	42.19	\$185.00
AMD FX-8800P	4143	919	NA	NA
AMD FX-9370 Eight-Core	9468	308	52.93	\$178.89
AMD FX-9590 Eight-Core	10191	246	101.93	\$99.99
AMD FX-9800P	4004	944	NA	NA
AMD FX-9830P	4750	802	NA	NA
AMD FX-B4150 Quad-Core	4611	825	NA	NA
AMD G-T40E	485	2380	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	2352	NA	NA
AMD G-T40R	203	2710	NA	NA
AMD G-T44R	227	2686	NA	NA
AMD G-T48E	716	2248	NA	NA
AMD G-T52R	303	2583	NA	NA
AMD G-T56E	751	2232	NA	NA
AMD G-T56N	791	2216	NA	NA
AMD Geode NX	264	2647	NA	NA
AMD Geode NX 1750	291	2603	NA	NA
AMD GX-210JA SOC	401	2473	NA	NA
AMD GX-212JC SOC	744	2236	NA	NA
AMD GX-217GA SOC	1097	2035	NA	NA
AMD GX-218GL SOC	1115	2021	NA	NA
AMD GX-222GC SOC	1255	1950	NA	NA
AMD GX-412HC	1497	1828	NA	NA
AMD GX-415GA SOC	1950	1595	NA	NA
AMD GX-420CA SOC	2362	1431	NA	NA
AMD GX-424CC SOC	2488	1385	NA	NA
AMD K7	403	2467	NA	NA
AMD Opteron 140	396	2478	0.56	\$710.00*
AMD Opteron 142	428	2445	NA	NA
AMD Opteron 144	486	2379	7.48	\$65.00*
AMD Opteron 146	532	2343	8.87	\$59.99*
AMD Opteron 148	603	2305	NA	NA
AMD Opteron 150	604	2303	NA	NA
AMD Opteron 152	658	2275	NA	NA
AMD Opteron 154	703	2258	NA	NA
AMD Opteron 165	899	2167	1.47	\$610.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 170	1097	2036	NA	NA
AMD Opteron 175	1167	1999	NA	NA
AMD Opteron 180	1234	1962	9.50	\$129.95*
AMD Opteron 185	1360	1888	NA	NA
AMD Opteron 246	632	2290	31.62	\$19.99
AMD Opteron 248	476	2391	4.77	\$99.95
AMD Opteron 250	649	2280	59.01	\$11.00*
AMD Opteron 252	760	2228	12.00	\$63.36*
AMD Opteron 254	693	2261	NA	NA
AMD Opteron 256	963	2123	50.72	\$19.00*
AMD Opteron 265	963	2124	6.02	\$159.95*
AMD Opteron 270	1083	2048	1.78	\$607.47*
AMD Opteron 275	1291	1927	19.87	\$64.99
AMD Opteron 280	1272	1941	1.60	\$796.67*
AMD Opteron 285	1470	1837	NA	NA
AMD Opteron 290	1464	1839	10.85	\$135.00*
AMD Opteron 1210	923	2153	NA	NA
AMD Opteron 1210 HE	971	2115	NA	NA
AMD Opteron 1212	1009	2090	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1914	NA	NA
AMD Opteron 1214	1191	1984	4.11	\$290.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1214 HE	1299	1918	NA	NA
AMD Opteron 1216	1311	1912	23.91	\$54.85*
AMD Opteron 1216 HE	1172	1996	NA	NA
AMD Opteron 1218	1468	1838	NA	NA
AMD Opteron 1218 HE	1444	1848	NA	NA
AMD Opteron 1220	1653	1752	NA	NA
AMD Opteron 1222	1757	1688	NA	NA
AMD Opteron 1352	2316	1443	17.04	\$135.99*
AMD Opteron 1354	2630	1330	8.49	\$309.97*
AMD Opteron 1356	2765	1289	30.73	\$89.99*
AMD Opteron 1381	3065	1186	NA	NA
AMD Opteron 2212	1270	1944	105.89	\$12.00*
AMD Opteron 2214	1358	1889	46.85	\$29.00
AMD Opteron 2214 HE	1415	1859	NA	NA
AMD Opteron 2216	1518	1820	8.53	\$178.00*
AMD Opteron 2218	1594	1786	49.18	\$32.42*
AMD Opteron 2220	1701	1722	1.15	\$1,475.16*
AMD Opteron 2220 SE	1398	1865	55.92	\$25.00
AMD Opteron 2222	1843	1652	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1609	NA	NA
AMD Opteron 2350	2820	1267	10.45	\$269.99*
AMD Opteron 2356	2814	1270	188.25	\$14.95
AMD Opteron 2373 EE	2789	1281	NA	NA
AMD Opteron 2374 HE	2951	1223	15.53	\$189.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2376	2283	1464	13.69	\$166.80*
AMD Opteron 2378	3179	1147	17.76	\$179.00*
AMD Opteron 2380	2640	1327	105.64	\$25.00*
AMD Opteron 2384	3538	1054	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1055	NA	NA
AMD Opteron 2393 SE	2246	1479	NA	NA
AMD Opteron 2427	3069	1184	31.00	\$99.00
AMD Opteron 2431	4516	849	112.91	\$40.00
AMD Opteron 2435	4708	805	39.11	\$120.40*
AMD Opteron 3260 HE	3259	1120	NA	NA
AMD Opteron 3280	5286	710	19.35	\$273.18*
AMD Opteron 3320 EE	2675	1317	NA	NA
AMD Opteron 3350 HE	4009	941	NA	NA
AMD Opteron 3365	5943	618	NA	NA
AMD Opteron 3380	6384	583	7.89	\$809.00*
AMD Opteron 4122	2942	1226	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1151	NA	NA
AMD Opteron 4184	4418	865	8.50	\$519.95*
AMD Opteron 4280	6430	576	128.63	\$49.99
AMD Opteron 4284	6660	552	111.03	\$59.99
AMD Opteron 4332 HE	5614	658	NA	NA
AMD Opteron 4334	6133	601	28.34	\$216.42*
AMD Opteron 4365 EE	5025	751	NA	NA
AMD Opteron 4386	5419	687	38.71	\$139.99
AMD Opteron 6128	4505	850	214.63	\$20.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6134	2938	1227	8.93	\$329.00
AMD Opteron 6136	4631	819	12.90	\$359.00*
AMD Opteron 6164 HE	5351	697	NA	NA
AMD Opteron 6174	6171	596	33.18	\$185.99
AMD Opteron 6176 SE	5446	680	19.73	\$276.01
AMD Opteron 6212	5776	638	192.62	\$29.99
AMD Opteron 6220	6785	537	113.11	\$59.99
AMD Opteron 6234	5979	615	85.44	\$69.99*
AMD Opteron 6238	7316	489	121.96	\$59.99
AMD Opteron 6272	6748	544	10.24	\$658.89
AMD Opteron 6274	4865	780	23.17	\$210.00*
AMD Opteron 6276	9011	349	112.66	\$79.99
AMD Opteron 6282 SE	9116	336	70.13	\$129.99
AMD Opteron 6287 SE	9789	281	NA	NA
AMD Opteron 6328	7813	441	39.07	\$199.99
AMD Opteron 6366 HE	7503	471	37.52	\$199.99
AMD Opteron 6376	9414	315	144.84	\$65.00
AMD Opteron 6378	2152	1511	10.76	\$199.99
AMD Opteron 6380	10081	258	112.03	\$89.99
AMD Opteron 6386 SE	10748	219	71.66	\$149.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 8354	2255	1476	102.52	\$22.00
AMD Opteron 8439 SE	3813	983	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1188	NA	NA
AMD Opteron X3216 APU	2368	1428	NA	NA
AMD Opteron X3421 APU	4894	775	NA	NA
AMD Phenom 2 X4 12000	3005	1206	NA	NA
AMD Phenom 7950 Quad-Core	2991	1212	NA	NA
AMD Phenom 8250 Triple-Core	1644	1755	NA	NA
AMD Phenom 8250e Triple-Core	1619	1769	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1639	1758	NA	NA
AMD Phenom 8450 Triple-Core	1887	1632	63.01	\$29.95*
AMD Phenom 8450e Triple-Core	2040	1557	NA	NA
AMD Phenom 8600 Triple-Core	1703	1719	32.15	\$52.99*
AMD Phenom 8600B Triple-Core	1923	1607	36.31	\$52.99*
AMD Phenom 8650 Triple-Core	1991	1578	39.85	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1552	NA	NA
AMD Phenom 8750B Triple-Core	2034	1560	NA	NA
AMD Phenom 8850 Triple-Core	2026	1563	NA	NA
AMD Phenom 8850B Triple-Core	2080	1545	NA	NA
AMD Phenom 9100e Quad-Core	1835	1659	45.96	\$39.95*
AMD Phenom 9150e Quad-Core	2113	1530	52.90	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1442	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1333	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2204	1495	76.04	\$28.99
AMD Phenom 9550 Quad-Core	2543	1362	87.74	\$28.99
AMD Phenom 9600 Quad-Core	2304	1449	46.13	\$49.95*
AMD Phenom 9600B Quad-Core	2577	1350	17.51	\$147.19*
AMD Phenom 9650 Quad-Core	2640	1328	48.05	\$54.95*
AMD Phenom 9750 Quad-Core	2812	1272	95.39	\$29.49
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9750B Quad-Core	2709	1307	NA	NA
AMD Phenom 9850 Quad-Core	2893	1250	57.87	\$50.00*
AMD Phenom 9850B Quad-Core	3160	1158	NA	NA
AMD Phenom 9950 Quad-Core	3012	1202	16.74	\$179.98*
AMD Phenom FX-5000 Quad-Core	2517	1372	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1224	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1031	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1064	NA	NA
AMD Phenom II N620 Dual-Core	1681	1733	42.18	\$39.86*
AMD Phenom II N640 Dual-Core	1716	1708	26.43	\$64.95*
AMD Phenom II N660 Dual-Core	1853	1646	18.72	\$99.00*
AMD Phenom II N830 3+1	2652	1322	NA	NA
AMD Phenom II N830 Triple-Core	1889	1629	NA	NA
AMD Phenom II N850 Triple-Core	1935	1600	77.42	\$25.00*
AMD Phenom II N870 Triple-Core	1988	1580	NA	NA
AMD Phenom II N930 Quad-Core	2269	1470	17.47	\$129.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N950 Quad-Core	2484	1388	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2523	1369	16.83	\$149.99*
AMD Phenom II P650 Dual-Core	1597	1783	45.66	\$35.00*
AMD Phenom II P820 Triple-Core	1604	1779	NA	NA
AMD Phenom II P840 Triple-Core	1738	1699	NA	NA
AMD Phenom II P860 Triple-Core	1759	1686	NA	NA
AMD Phenom II P920 Quad-Core	1866	1641	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1666	NA	NA
AMD Phenom II P960 Quad-Core	2086	1542	74.52	\$28.00*
AMD Phenom II X2 511	2104	1534	NA	NA
AMD Phenom II X2 521	2077	1547	NA	NA
AMD Phenom II X2 545	1911	1613	43.46	\$43.98
AMD Phenom II X2 550	2021	1566	40.43	\$49.99
AMD Phenom II X2 555	2044	1556	70.51	\$28.99
AMD Phenom II X2 560	2057	1553	51.46	\$39.99
AMD Phenom II X2 565	2211	1492	73.73	\$29.99*
AMD Phenom II X2 570	1960	1591	NA	NA
AMD Phenom II X2 B53	1709	1714	NA	NA
AMD Phenom II X2 B55	1931	1603	40.24	\$48.00*
AMD Phenom II X2 B57	1826	1662	NA	NA
AMD Phenom II X2 B59	2138	1517	107.05	\$19.98
AMD Phenom II X3 700e	2285	1462	NA	NA
AMD Phenom II X3 705e	2227	1487	14.63	\$152.34*
AMD Phenom II X3 710	2442	1400	28.89	\$84.53*
AMD Phenom II X3 715	2649	1324	31.17	\$84.99*
AMD Phenom II X3 720	2680	1315	38.29	\$69.99
AMD Phenom II X3 740	2994	1211	33.65	\$88.99*
AMD Phenom II X3 B73	2735	1304	36.47	\$75.00*
AMD Phenom II X3 B75	2934	1230	73.38	\$39.99
AMD Phenom II X3 B77	3067	1185	115.38	\$26.59
AMD Phenom II X4 805	2994	1210	17.21	\$173.99*
AMD Phenom II X4 810	3124	1168	26.94	\$115.99*
AMD Phenom II X4 820	3400	1086	45.38	\$74.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 830	3437	1077	42.99	\$79.95*
AMD Phenom II X4 840	3511	1059	39.04	\$89.95*
AMD Phenom II X4 840T	3601	1034	51.45	\$69.99
AMD Phenom II X4 850	3547	1052	54.59	\$64.99
AMD Phenom II X4 900e	2882	1253	NA	NA
AMD Phenom II X4 905e	3087	1179	57.18	\$53.99
AMD Phenom II X4 910	3252	1122	32.53	\$100.00*
AMD Phenom II X4 910e	3260	1119	20.77	\$156.99*
AMD Phenom II X4 920	3399	1087	50.75	\$66.99*
AMD Phenom II X4 925	3421	1080	77.77	\$43.99
AMD Phenom II X4 940	3593	1035	29.95	\$119.99*
AMD Phenom II X4 945	3664	1024	74.04	\$49.49

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 955	3933	962	30.22	\$130.16*
AMD Phenom II X4 960T	3787	991	59.18	\$63.99
AMD Phenom II X4 965	4193	907	70.47	\$59.50
AMD Phenom II X4 970	4328	886	29.23	\$148.11*
AMD Phenom II X4 973	3759	999	NA	NA
AMD Phenom II X4 975	4472	855	35.50	\$125.99
AMD Phenom II X4 977	3750	1001	NA	NA
AMD Phenom II X4 980	4493	852	32.88	\$136.64*
AMD Phenom II X4 8700e	2377	1423	NA	NA
AMD Phenom II X4 B05e	2781	1283	NA	NA
AMD Phenom II X4 B15e	2736	1303	NA	NA
AMD Phenom II X4 B25	3330	1105	NA	NA
AMD Phenom II X4 B35	3383	1094	NA	NA
AMD Phenom II X4 B40	3394	1092	NA	NA
AMD Phenom II X4 B45	3469	1070	NA	NA
AMD Phenom II X4 B50	3703	1016	NA	NA
AMD Phenom II X4 B55	3859	971	NA	NA
AMD Phenom II X4 B60	4044	933	NA	NA
AMD Phenom II X4 B65	4177	911	NA	NA
AMD Phenom II X4 B70	4261	896	NA	NA
AMD Phenom II X4 B93	3355	1100	NA	NA
AMD Phenom II X4 B95	3703	1015	50.77	\$72.95*
AMD Phenom II X4 B97	3886	967	68.20	\$56.99
AMD Phenom II X4 B99	4130	924	NA	NA
AMD Phenom II X6 1035T	4665	811	24.68	\$189.00*
AMD Phenom II X6 1045T	4820	789	27.55	\$175.00*
AMD Phenom II X6 1055T	4966	762	26.84	\$185.00*
AMD Phenom II X6 1065T	5068	741	NA	NA
AMD Phenom II X6 1075T	5344	698	47.30	\$112.99
AMD Phenom II X6 1090T	5587	663	14.11	\$396.08*
AMD Phenom II X6 1100T	5733	644	32.40	\$176.99
AMD Phenom II X6 1405T	5042	749	NA	NA
AMD Phenom II X620 Dual-Core	2189	1502	NA	NA
AMD Phenom II X640 Dual-Core	2021	1565	NA	NA
AMD Phenom II X920 Quad-Core	2640	1329	NA	NA
AMD Phenom II X940 Quad-Core	2695	1311	NA	NA
AMD Phenom Ultra X4 24500	3945	957	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X2 Dual-Core GE-4060	1697	1724	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1493	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1691	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1989	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1852	NA	NA
AMD Phenom X3 8550	1923	1608	11.32	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1687	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1576	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X4 Quad-Core GP-9600	2235	1485	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2812	1273	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1306	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1312	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1976	NA	NA
AMD PRO A4-3350B APU	2518	1371	NA	NA
AMD PRO A4-8350B	2791	1280	NA	NA
AMD PRO A6-7350B	2759	1294	NA	NA
AMD PRO A6-8500B	2516	1373	NA	NA
AMD PRO A6-8530B	2388	1418	NA	NA
AMD PRO A6-8550B	2985	1214	NA	NA
AMD PRO A6-8570	3049	1192	NA	NA
AMD PRO A6-8570E	2824	1266	NA	NA
AMD PRO A6-9500	3239	1128	43.77	\$74.00*
AMD PRO A6-9500B	2076	1548	NA	NA
AMD PRO A6-9500E	2761	1291	37.31	\$74.00*
AMD PRO A8-8600B	3553	1049	NA	NA
AMD PRO A8-8650B	5426	686	NA	NA
AMD PRO A8-8670E	4905	774	NA	NA
AMD PRO A8-9600	5296	708	44.51	\$119.00*
AMD PRO A8-9600B	4004	943	NA	NA
AMD PRO A10-8700B	3583	1040	NA	NA
AMD PRO A10-8730B	3985	948	NA	NA
AMD PRO A10-8750B	5646	656	NA	NA
AMD PRO A10-8770	5707	645	NA	NA
AMD PRO A10-8770E	5045	747	NA	NA
AMD PRO A10-8850B	5852	629	NA	NA
AMD PRO A10-9700	5677	651	33.59	\$169.00*
AMD PRO A10-9700B	4393	869	NA	NA
AMD PRO A10-9700E	4922	773	35.42	\$139.00*
AMD PRO A12-8800B	4154	918	NA	NA
AMD PRO A12-8830B	4377	873	NA	NA
AMD PRO A12-8870	6067	608	NA	NA
AMD PRO A12-8870E	5186	719	NA	NA
AMD PRO A12-9800	6199	593	36.68	\$169.00*
AMD PRO A12-9800B	4158	917	NA	NA
AMD PRO A12-9800E	4793	797	28.36	\$169.00*
AMD QC-4000	1663	1745	NA	NA
AMD R-260H APU	1576	1795	NA	NA
AMD R-460L APU	1954	1593	NA	NA
AMD R-464L APU	3117	1170	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD RX-427BB	4250	899	NA	NA
AMD Ryzen 3 1200	6756	542	71.87	\$94.00
AMD Ryzen 3 1300X	7466	474	53.34	\$139.98
AMD Ryzen 3 2200G	7427	479	75.79	\$97.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 3 2200GE	7229	499	NA	NA
AMD Ryzen 3 2200U	4620	822	NA	NA
AMD Ryzen 3 2300U	5846	632	NA	NA
AMD Ryzen 3 PRO 1200	7069	515	NA	NA
AMD Ryzen 3 PRO 1300	8300	399	NA	NA
AMD Ryzen 3 PRO 2200G	8106	417	NA	NA
AMD Ryzen 3 PRO 2200GE	7975	431	NA	NA
AMD Ryzen 3 PRO 2300U	7188	503	NA	NA
AMD Ryzen 5 1400	8396	392	64.60	\$129.99
AMD Ryzen 5 1500X	10071	259	71.94	\$139.99
AMD Ryzen 5 1600	12266	178	76.97	\$159.36
AMD Ryzen 5 1600X	13229	158	78.25	\$169.07
AMD Ryzen 5 2400G	9284	325	58.39	\$158.99
AMD Ryzen 5 2400GE	7285	494	NA	NA
AMD Ryzen 5 2500U	7348	487	NA	NA
AMD Ryzen 5 2600	13513	153	84.46	\$159.99
AMD Ryzen 5 2600X	14342	127	65.20	\$219.99
AMD Ryzen 5 PRO 1500	10123	253	NA	NA
AMD Ryzen 5 PRO 1600	12213	180	NA	NA
AMD Ryzen 5 PRO 2400G	10046	263	NA	NA
AMD Ryzen 5 PRO 2400GE	9712	290	NA	NA
AMD Ryzen 5 PRO 2500U	9059	344	NA	NA
AMD Ryzen 5 PRO 2600	14645	115	NA	NA
AMD Ryzen 7 1700	13749	142	65.65	\$209.43
AMD Ryzen 7 1700X	14639	116	73.35	\$199.59
AMD Ryzen 7 1800X	15398	101	61.60	\$249.99
AMD Ryzen 7 2700	15062	108	56.63	\$265.99
AMD Ryzen 7 2700U	7454	475	NA	NA
AMD Ryzen 7 2700X	16973	68	54.77	\$309.89
AMD Ryzen 7 PRO 1700	14708	113	NA	NA
AMD Ryzen 7 PRO 1700X	15349	102	NA	NA
AMD Ryzen 7 PRO 2700	16341	78	NA	NA
AMD Ryzen 7 PRO 2700U	9062	342	NA	NA
AMD Ryzen 7 PRO 2700X	17272	64	NA	NA
AMD Ryzen Embedded V1202B	5051	745	NA	NA
AMD Ryzen Embedded V1605B	7667	458	NA	NA
AMD Ryzen Embedded V1807B	7185	504	NA	NA
AMD Ryzen Threadripper 1900X	15850	95	50.10	\$316.38
AMD Ryzen Threadripper 1920X	18574	49	44.23	\$419.95
AMD Ryzen Threadripper 1950X	22085	18	33.84	\$652.56
AMD Ryzen Threadripper 2950X	25988	4	28.88	\$899.99
AMD Ryzen Threadripper 2990WX	24003	11	13.88	\$1,729.99
AMD Ryzen Threadripper 2990X	14324	128	NA	NA
AMD Sempron 130	656	2278	26.29	\$24.99*
AMD Sempron 140	733	2238	18.54	\$39.59*
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)
AMD Sempron 145	808	2211	47.59	\$16.98
AMD Sempron 150	707	2254	15.74	\$44.95
AMD Sempron 200U	267	2643	3.08	\$87.00*
AMD Sempron 210U	378	2496	NA	NA
AMD Sempron 240	2110	1532	36.39	\$58.00
AMD Sempron 2100+	392	2485	NA	NA
AMD Sempron 2200+	281	2627	9.38	\$29.99*
AMD Sempron 2300+	318	2563	7.07	\$45.00*
AMD Sempron 2400+	313	2571	11.62	\$27.00*
AMD Sempron 2500+	335	2546	4.20	\$79.95*
AMD Sempron 2600+	373	2503	10.70	\$34.95
AMD Sempron 2650 APU	939	2140	24.74	\$38.00
AMD Sempron 2800+	383	2491	19.19	\$19.99
AMD Sempron 3000+	408	2459	8.18	\$49.95
AMD Sempron 3100+	452	2414	7.53	\$60.00*
AMD Sempron 3200+	406	2461	31.29	\$13.00*
AMD Sempron 3300+	484	2385	8.07	\$60.00
AMD Sempron 3400+	454	2413	15.18	\$29.91*
AMD Sempron 3500+	384	2490	19.23	\$20.00*
AMD Sempron 3600+	487	2377	40.59	\$12.00*
AMD Sempron 3800+	554	2330	26.39	\$21.00*
AMD Sempron 3850 APU	1710	1712	50.33	\$33.99
AMD Sempron Dual Core 2100	936	2142	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2101	NA	NA
AMD Sempron Dual Core 2300	982	2109	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2132	NA	NA
AMD Sempron Dual Core 4900	1081	2050	NA	NA
AMD Sempron LE-250	490	2371	NA	NA
AMD Sempron LE-1100	438	2431	NA	NA
AMD Sempron LE-1150	445	2420	NA	NA
AMD Sempron LE-1200	528	2344	NA	NA
AMD Sempron LE-1250	541	2336	5.41	\$99.95*
AMD Sempron LE-1300	605	2301	30.28	\$20.00
AMD Sempron LE-1600	535	2341	NA	NA
AMD Sempron LE-1620	635	2289	NA	NA
AMD Sempron LE-1640	759	2229	NA	NA
AMD Sempron M100	558	2329	46.58	\$12.00*
AMD Sempron M120	582	2313	NA	NA
AMD Sempron SI-40	443	2423	36.93	\$12.00*
AMD Sempron SI-42	454	2411	15.16	\$30.01
AMD Sempron X2 180	1222	1968	17.62	\$69.40*
AMD Sempron X2 190	1509	1823	18.09	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1860	NA	NA
AMD Turion 64 Mobile MK-36	465	2399	NA	NA
AMD Turion 64 Mobile MK-38	513	2354	NA	NA
AMD Turion 64 Mobile ML-28	390	2487	NA	NA
AMD Turion 64 Mobile ML-30	402	2469	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile ML-32	408	2460	NA	NA
AMD Turion 64 Mobile ML-34	425	2447	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-37	442	2424	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2349	NA	NA
AMD Turion 64 Mobile ML-42	615	2297	NA	NA
AMD Turion 64 Mobile ML-44	591	2308	NA	NA
AMD Turion 64 Mobile MT-28	419	2448	NA	NA
AMD Turion 64 Mobile MT-30	378	2494	NA	NA
AMD Turion 64 Mobile MT-32	426	2446	NA	NA
AMD Turion 64 Mobile MT-34	429	2443	NA	NA
AMD Turion 64 Mobile MT-37	484	2384	NA	NA
AMD Turion 64 Mobile MT-40	536	2339	NA	NA
AMD Turion 64 X2 Mobile TL-50	748	2234	14.97	\$49.99*
AMD Turion 64 X2 Mobile TL-52	765	2225	NA	NA
AMD Turion 64 X2 Mobile TL-56	887	2171	44.36	\$20.00*
AMD Turion 64 X2 Mobile TL-58	944	2135	NA	NA
AMD Turion 64 X2 Mobile TL-60	994	2104	41.51	\$23.95*
AMD Turion 64 X2 Mobile TL-62	1087	2043	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1110	2025	28.20	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2015	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2001	12.92	\$90.00*
AMD Turion Dual-Core RM-70	904	2165	36.16	\$25.00*
AMD Turion Dual-Core RM-72	860	2180	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2085	NA	NA
AMD Turion Dual-Core RM-75	977	2112	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1293	1923	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1915	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1900	NA	NA
AMD Turion II N530 Dual-Core	1583	1791	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1812	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2113	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	1986	NA	NA
AMD Turion II Neo N40L Dual-Core	924	2152	NA	NA
AMD Turion II Neo N54L Dual-Core	1376	1879	NA	NA
AMD Turion II P520 Dual-Core	1357	1890	NA	NA
AMD Turion II P540 Dual-Core	1438	1851	28.79	\$49.95*
AMD Turion II P560 Dual-Core	1511	1821	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1409	1863	58.74	\$24.00*
AMD Turion II Ultra Dual-Core Mobile M620	1427	1854	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1742	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1807	NA	NA
AMD Turion Neo X2 Dual Core L625	819	2202	NA	NA
AMD Turion X2 Dual Core L510	923	2154	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2183	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2060	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Dual-Core Mobile RM-70	997	2098	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2045	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1062	2058	42.57	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1137	2018	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2008	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1014	2087	72.45	\$14.00*
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-82	1084	2047	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	1974	94.53	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	1964	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1921	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1267	1946	31.72	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2097	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2076	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1844	NA	NA
AMD V105	299	2591	NA	NA
AMD V120	622	2295	NA	NA
AMD V140	640	2286	12.83	\$49.95*
AMD V160	681	2269	NA	NA
AMD Z-01	523	2348	NA	NA
AMD Z-60 APU	500	2366	NA	NA
AMD-K6 3D	90	2768	NA	NA
AMD-K6-III	108	2765	NA	NA
AMD-K7	403	2468	NA	NA
Athlon 64 Dual Core 3800+	1234	1965	NA	NA
Athlon 64 Dual Core 4200+	1156	2006	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	1881	NA	NA
Athlon 64 Dual Core 5000+	1507	1824	NA	NA
Athlon 64 Dual Core 5400+	1614	1771	NA	NA
Athlon 64 Dual Core 5600+	1548	1802	NA	NA
Athlon Dual Core 4050e	968	2119	NA	NA
Athlon Dual Core 4450e	1081	2051	NA	NA
Athlon Dual Core 4850e	1327	1905	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1262	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1084	2046	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1168	1997	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1207	1977	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	1938	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1978	NA	NA
HP Hexa-Core 2.0GHz	2178	1504	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2185	NA	NA
Intel 1400 @ 1.83GHz	980	2111	NA	NA
Intel 1500 @ 2.00GHz	1024	2079	NA	NA
Intel Atom 230 @ 1.60GHz	307	2577	NA	NA
Intel Atom 330 @ 1.60GHz	586	2311	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2168	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C2358 @ 1.74GHz	961	2125	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1543	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2329	1439	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1506	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	985	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1103	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1155	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1394	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1363	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	786	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 D410 @ 1.66GHz	301	2587	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2539	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	654	2279	6.74	\$97.16*
Intel Atom D525 @ 1.80GHz	703	2257	NA	NA
Intel Atom D2500 @ 1.86GHz	404	2466	NA	NA
Intel Atom D2550 @ 1.86GHz	678	2270	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2250	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2191	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2246	NA	NA
Intel Atom E660 @ 1.30GHz	271	2639	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2536	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2552	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2317	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2373	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2188	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2002	NA	NA
Intel Atom E3845 @ 1.91GHz	1496	1829	NA	NA
Intel Atom E3940 @ 1.60GHz	1889	1630	NA	NA
Intel Atom E3950 @ 1.60GHz	1827	1661	NA	NA
Intel Atom K510 @ 1.66GHz	658	2276	NA	NA
Intel Atom N270 @ 1.60GHz	268	2642	NA	NA
Intel Atom N280 @ 1.66GHz	283	2620	NA	NA
Intel Atom N435 @ 1.33GHz	261	2650	NA	NA
Intel Atom N450 @ 1.66GHz	296	2597	NA	NA
Intel Atom N455 @ 1.66GHz	283	2619	NA	NA
Intel Atom N470 @ 1.83GHz	307	2576	NA	NA
Intel Atom N475 @ 1.83GHz	314	2568	NA	NA
Intel Atom N550 @ 1.50GHz	525	2347	6.11	\$86.00*
Intel Atom N570 @ 1.66GHz	574	2321	6.68	\$86.00*
Intel Atom N2100 @ 1.60GHz	305	2580	NA	NA
Intel Atom N2600 @ 1.60GHz	525	2345	NA	NA
Intel Atom N2800 @ 1.86GHz	628	2291	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2158	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1558	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2209	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom x5-E8000 @ 1.04GHz	1623	1767	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1197	1981	9.00	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1023	2081	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1270	1943	60.52	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1693	1728	27.06	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1841	1654	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1900	1620	25.81	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1901	1617	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2719	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2695	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2698	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2626	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2533	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2492	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	2674	NA	NA
Intel Atom Z2760 @ 1.80GHz	565	2326	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2159	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2148	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2164	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2162	NA	NA
Intel Atom Z3736F @ 1.33GHz	922	2155	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	2059	NA	NA
Intel Atom Z3740D @ 1.33GHz	1022	2082	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	2056	NA	NA
Intel Atom Z3745D @ 1.33GHz	1034	2072	NA	NA
Intel Atom Z3770 @ 1.46GHz	1243	1961	8.32	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2212	NA	NA
Intel Atom Z3775 @ 1.46GHz	1257	1949	35.92	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1937	NA	NA
Intel Atom Z3795 @ 1.60GHz	1771	1682	NA	NA
Intel Celeron 1.70GHz	130	2758	NA	NA
Intel Celeron 1.80GHz	136	2755	NA	NA
Intel Celeron 2.00GHz	185	2727	NA	NA
Intel Celeron 2.10GHz	244	2672	NA	NA
Intel Celeron 2.13GHz	208	2706	NA	NA
Intel Celeron 2.20GHz	213	2701	NA	NA
Intel Celeron 2.26GHz	223	2690	NA	NA
Intel Celeron 2.30GHz	227	2687	NA	NA
Intel Celeron 2.40GHz	217	2696	NA	NA
Intel Celeron 2.50GHz	247	2666	NA	NA
Intel Celeron 2.53GHz	245	2670	NA	NA
Intel Celeron 2.60GHz	238	2677	NA	NA
Intel Celeron 2.66GHz	252	2661	NA	NA
Intel Celeron 2.70GHz	245	2671	NA	NA
Intel Celeron 2.80GHz	254	2657	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.93GHz	283	2618	NA	NA
Intel Celeron 3.06GHz	284	2615	NA	NA
Intel Celeron 3.20GHz	288	2608	NA	NA
Intel Celeron 3.33GHz	333	2549	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2558	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2561	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2416	11.25	\$39.99
Intel Celeron 430 @ 1.80GHz	490	2372	29.68	\$16.52
Intel Celeron 440 @ 2.00GHz	546	2331	26.02	\$21.01
Intel Celeron 450 @ 2.20GHz	626	2293	20.89	\$29.99
Intel Celeron 530 @ 1.73GHz	468	2396	20.37	\$23.00*
Intel Celeron 540 @ 1.86GHz	511	2358	NA	NA
Intel Celeron 550 @ 2.00GHz	515	2353	15.26	\$33.80
Intel Celeron 560 @ 2.13GHz	535	2340	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2350	NA	NA
Intel Celeron 600MHz	147	2751	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2464	NA	NA
Intel Celeron 743 @ 1.30GHz	433	2441	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 807 @ 1.50GHz	751	2233	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2509	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2298	NA	NA
Intel Celeron 847 @ 1.10GHz	936	2143	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1026	2077	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2012	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	1994	39.12	\$29.99
Intel Celeron 877 @ 1.40GHz	1288	1929	NA	NA
Intel Celeron 887 @ 1.50GHz	1272	1940	NA	NA
Intel Celeron 900 @ 2.20GHz	677	2272	23.37	\$28.99
Intel Celeron 925 @ 2.30GHz	688	2263	NA	NA
Intel Celeron 1000M @ 1.80GHz	1676	1736	NA	NA
Intel Celeron 1000MHz	213	2700	NA	NA
Intel Celeron 1005M @ 1.90GHz	1811	1668	NA	NA
Intel Celeron 1007U @ 1.50GHz	1396	1868	7.55	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1519	1816	NA	NA
Intel Celeron 1019Y @ 1.00GHz	926	2149	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1486	NA	NA
Intel Celeron 1037U @ 1.80GHz	1734	1701	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1985	NA	NA
Intel Celeron 1066MHz	259	2651	NA	NA
Intel Celeron 1100MHz	174	2737	NA	NA
Intel Celeron 1133MHz	282	2621	NA	NA
Intel Celeron 1200MHz	244	2673	NA	NA
Intel Celeron 1300MHz	288	2610	NA	NA
Intel Celeron 1333MHz	290	2604	NA	NA
Intel Celeron 1400MHz	302	2584	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2000E @ 2.20GHz	2365	1430	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1776	NA	NA
Intel Celeron 2950M @ 2.00GHz	2018	1567	NA	NA
Intel Celeron 2955U @ 1.40GHz	1419	1856	NA	NA
Intel Celeron 2957U @ 1.40GHz	1441	1850	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2027	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1445	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1787	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1796	NA	NA
Intel Celeron 3205U @ 1.50GHz	1523	1810	5.31	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1639	1757	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1720	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1579	NA	NA
Intel Celeron 3855U @ 1.60GHz	1657	1751	NA	NA
Intel Celeron 3865U @ 1.80GHz	1925	1606	NA	NA
Intel Celeron 3955U @ 2.00GHz	1862	1643	NA	NA
Intel Celeron 3965U @ 2.20GHz	2403	1413	22.47	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1619	1768	15.14	\$107.00*
Intel Celeron @ 1.30GHz	965	2120	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2725	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2207	NA	NA
Intel Celeron B800 @ 1.50GHz	1279	1936	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron B810 @ 1.60GHz	1411	1862	NA	NA
Intel Celeron B815 @ 1.60GHz	1366	1883	NA	NA
Intel Celeron B820 @ 1.70GHz	1427	1853	36.34	\$39.29*
Intel Celeron B830 @ 1.80GHz	1519	1815	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1706	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2641	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2585	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2565	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2548	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2465	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2387	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2312	NA	NA
Intel Celeron E1200 @ 1.60GHz	861	2179	3.83	\$225.00
Intel Celeron E1400 @ 2.00GHz	1048	2065	11.65	\$89.95
Intel Celeron E1500 @ 2.20GHz	1172	1995	59.67	\$19.65
Intel Celeron E1600 @ 2.40GHz	1260	1948	NA	NA
Intel Celeron E3200 @ 2.40GHz	1393	1870	26.81	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1382	1874	21.13	\$65.45
Intel Celeron E3400 @ 2.60GHz	1442	1849	19.11	\$75.47
Intel Celeron E3500 @ 2.70GHz	1454	1843	46.91	\$31.00
Intel Celeron G440 @ 1.60GHz	690	2262	13.81	\$49.99
Intel Celeron G460 @ 1.80GHz	1028	2074	15.83	\$65.00
Intel Celeron G465 @ 1.90GHz	1074	2054	35.82	\$29.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G470 @ 2.00GHz	1298	1920	NA	NA
Intel Celeron G530 @ 2.40GHz	2139	1516	53.50	\$39.99
Intel Celeron G530T @ 2.00GHz	1604	1780	NA	NA
Intel Celeron G540 @ 2.50GHz	2205	1494	175.19	\$12.59*
Intel Celeron G540T @ 2.10GHz	2114	1529	NA	NA
Intel Celeron G550 @ 2.60GHz	2287	1459	114.42	\$19.99
Intel Celeron G550T @ 2.20GHz	2063	1549	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1406	15.77	\$153.59
Intel Celeron G1101 @ 2.27GHz	1667	1743	118.34	\$14.09
Intel Celeron G1610 @ 2.60GHz	2491	1384	99.71	\$24.99
Intel Celeron G1610T @ 2.30GHz	2303	1450	57.53	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2582	1349	16.81	\$153.59*
Intel Celeron G1620T @ 2.40GHz	2353	1434	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1383	49.89	\$49.99
Intel Celeron G1820 @ 2.70GHz	2759	1293	36.79	\$75.00
Intel Celeron G1820T @ 2.40GHz	2505	1378	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1519	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1361	36.35	\$69.99
Intel Celeron G1840 @ 2.80GHz	2860	1257	39.19	\$72.99
Intel Celeron G1840T @ 2.50GHz	2605	1339	NA	NA
Intel Celeron G1850 @ 2.90GHz	2907	1241	36.35	\$79.99
Intel Celeron G3900 @ 2.80GHz	3153	1162	59.92	\$52.62
Intel Celeron G3900E @ 2.40GHz	2679	1316	NA	NA
Intel Celeron G3900T @ 2.60GHz	2919	1236	NA	NA
Intel Celeron G3900TE @ 2.30GHz	2591	1344	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3113	1171	49.85	\$62.45
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3930 @ 2.90GHz	3041	1194	59.44	\$51.17*
Intel Celeron G3950 @ 3.00GHz	3006	1205	42.21	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3217	1137	54.64	\$58.89
Intel Celeron G4900T @ 2.90GHz	2960	1221	NA	NA
Intel Celeron G4920 @ 3.20GHz	3318	1108	39.99	\$82.99
Intel Celeron J1750 @ 2.41GHz	1037	2071	NA	NA
Intel Celeron J1800 @ 2.41GHz	1025	2078	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1772	NA	NA
Intel Celeron J1900 @ 1.99GHz	1852	1647	NA	NA
Intel Celeron J3060 @ 1.60GHz	981	2110	NA	NA
Intel Celeron J3160 @ 1.60GHz	1788	1677	NA	NA
Intel Celeron J3355 @ 2.00GHz	1180	1990	NA	NA
Intel Celeron J3455 @ 1.50GHz	2142	1514	7.94	\$269.99
Intel Celeron J4005 @ 2.00GHz	1601	1781	6.42	\$249.44*
Intel Celeron J4105 @ 1.50GHz	2641	1326	24.69	\$107.00*
Intel Celeron M 1.00GHz	207	2707	16.60	\$12.49
Intel Celeron M 1.30GHz	316	2564	NA	NA
Intel Celeron M 1.50GHz	343	2541	NA	NA
Intel Celeron M 1.60GHz	365	2516	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 1.70GHz	393	2484	NA	NA
Intel Celeron M 360 1.40GHz	327	2555	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2566	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2543	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2512	NA	NA
Intel Celeron M 440 @ 1.86GHz	401	2471	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2658	NA	NA
Intel Celeron M 450 @ 2.00GHz	455	2410	NA	NA
Intel Celeron M 520 @ 1.60GHz	434	2438	NA	NA
Intel Celeron M 530 @ 1.73GHz	458	2406	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2335	NA	NA
Intel Celeron M 600MHz	151	2749	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2409	NA	NA
Intel Celeron M 900MHz	202	2712	NA	NA
Intel Celeron M 1200MHz	275	2636	NA	NA
Intel Celeron M 1300MHz	303	2582	NA	NA
Intel Celeron M 1500MHz	332	2551	NA	NA
Intel Celeron M ULV 800MHz	184	2730	NA	NA
Intel Celeron N2805 @ 1.46GHz	454	2412	NA	NA
Intel Celeron N2806 @ 1.60GHz	789	2217	NA	NA
Intel Celeron N2807 @ 1.58GHz	852	2187	NA	NA
Intel Celeron N2808 @ 1.58GHz	920	2156	NA	NA
Intel Celeron N2810 @ 2.00GHz	777	2219	5.55	\$139.99*
Intel Celeron N2815 @ 1.86GHz	862	2178	NA	NA
Intel Celeron N2820 @ 2.13GHz	938	2141	4.47	\$209.99
Intel Celeron N2830 @ 2.16GHz	950	2130	NA	NA
Intel Celeron N2840 @ 2.16GHz	1003	2092	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	1980	NA	NA
Intel Celeron N2920 @ 1.86GHz	1510	1822	NA	NA
Intel Celeron N2930 @ 1.83GHz	1628	1764	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2940 @ 1.83GHz	1734	1702	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2166	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2121	NA	NA
Intel Celeron N3050 @ 1.60GHz	881	2172	7.38	\$119.42*
Intel Celeron N3060 @ 1.60GHz	983	2108	NA	NA
Intel Celeron N3150 @ 1.60GHz	1658	1750	NA	NA
Intel Celeron N3160 @ 1.60GHz	1680	1734	5.86	\$286.99*
Intel Celeron N3350 @ 1.10GHz	1113	2024	NA	NA
Intel Celeron N3450 @ 1.10GHz	1837	1657	11.09	\$165.70
Intel Celeron N4100 @ 1.10GHz	2333	1438	21.81	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1139	2017	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2103	NA	NA
Intel Celeron P4600 @ 2.00GHz	1340	1897	NA	NA
Intel Celeron SU2300 @ 1.20GHz	772	2222	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2131	47.53	\$19.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron T1700 @ 1.83GHz	1058	2061	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1717	NA	NA
Intel Celeron U3400 @ 1.07GHz	733	2239	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2266	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2210	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1049	2064	87.57	\$11.99
Intel Core2 Duo E4400 @ 2.00GHz	1157	2004	23.15	\$49.99
Intel Core2 Duo E4500 @ 2.20GHz	1271	1942	31.80	\$39.99
Intel Core2 Duo E4600 @ 2.40GHz	1384	1872	8.76	\$157.95
Intel Core2 Duo E4700 @ 2.60GHz	1483	1834	54.96	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1109	2028	85.44	\$12.99
Intel Core2 Duo E6320 @ 1.86GHz	1184	1988	23.69	\$49.99
Intel Core2 Duo E6400 @ 2.13GHz	1289	1928	64.65	\$19.95
Intel Core2 Duo E6420 @ 2.13GHz	1361	1887	27.23	\$49.99
Intel Core2 Duo E6540 @ 2.33GHz	1458	1840	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1499	1827	100.30	\$14.95
Intel Core2 Duo E6600 @ 2.40GHz	1553	1801	103.65	\$14.99
Intel Core2 Duo E6700 @ 2.66GHz	1693	1727	56.48	\$29.99
Intel Core2 Duo E6750 @ 2.66GHz	1714	1710	132.41	\$12.95
Intel Core2 Duo E6850 @ 3.00GHz	1949	1597	38.99	\$49.99
Intel Core2 Duo E7200 @ 2.53GHz	1630	1763	21.74	\$75.00
Intel Core2 Duo E7300 @ 2.66GHz	1727	1703	43.32	\$39.88
Intel Core2 Duo E7400 @ 2.80GHz	1775	1680	61.23	\$28.99
Intel Core2 Duo E7500 @ 2.93GHz	1875	1638	125.10	\$14.99
Intel Core2 Duo E7600 @ 3.06GHz	1972	1585	16.44	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1520	1814	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1754	1690	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1888	1631	37.77	\$49.99
Intel Core2 Duo E8235 @ 2.80GHz	1965	1588	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1433	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1992	1577	99.67	\$19.99
Intel Core2 Duo E8335 @ 2.66GHz	1846	1650	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1523	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2151	1512	16.56	\$129.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8435 @ 3.06GHz	2127	1524	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2285	1461	57.15	\$39.99
Intel Core2 Duo E8600 @ 3.33GHz	2410	1409	48.23	\$49.99
Intel Core2 Duo E8700 @ 3.50GHz	2212	1490	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2226	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2267	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	827	2199	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2189	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	963	2122	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2114	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2020	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo L9300 @ 1.60GHz	1067	2057	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1318	1909	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	1926	64.62	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	1919	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	1858	35.43	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2134	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1523	1811	6.62	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1450	1845	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2083	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1455	1842	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1806	31.24	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1625	1766	42.79	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1696	30.56	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1798	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1765	1684	1.77	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1738	1698	17.56	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1880	1635	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2012	1570	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2310	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1268	1945	5.01	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1738	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	933	2144	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	832	2197	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	834	2195	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	816	2206	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	933	2145	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	911	2161	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	909	2163	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	925	2150	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1042	2068	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1027	2075	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	993	2105	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1091	2040	109.30	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1108	2030	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1195	1982	75.16	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1143	2014	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	1975	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1225	1967	81.73	\$14.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T6500 @ 2.10GHz	1286	1930	85.84	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1254	1952	32.58	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1363	1886	72.12	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1367	1882	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1017	2084	46.28	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1166	2000	11.67	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1110	2026	5.51	\$201.48*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T7300 @ 2.00GHz	1193	1983	38.50	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1243	1960	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1273	1939	29.63	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1379	1876	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1419	1857	23.68	\$59.95*
Intel Core2 Duo T7800 @ 2.60GHz	1608	1775	2.65	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1295	1922	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1475	1836	6.89	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1669	1741	28.79	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1736	1700	24.83	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1799	1673	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1802	1670	6.03	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1605	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2013	1569	4.75	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2129	1522	5.34	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	871	2175	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	582	2314	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	664	2273	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2259	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2181	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1132	2019	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1730	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3651	1026	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3635	1028	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3464	1072	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1870	1640	7.09	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1671	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1903	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1732	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1906	1615	4.65	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2061	1550	2.42	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4166	915	4.84	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4597	832	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4611	824	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	815	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2954	1222	73.91	\$39.98
Intel Core2 Quad Q6700 @ 2.66GHz	3288	1116	73.10	\$44.99
Intel Core2 Quad Q8200 @ 2.33GHz	2814	1271	122.41	\$22.99
Intel Core2 Quad Q8300 @ 2.50GHz	2986	1213	59.75	\$49.99
Intel Core2 Quad Q8400 @ 2.66GHz	3170	1150	31.87	\$99.50*
Intel Core2 Quad Q9000 @ 2.00GHz	2528	1367	6.50	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1126	8.40	\$385.89*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9300 @ 2.50GHz	3161	1156	63.25	\$49.99
Intel Core2 Quad Q9400 @ 2.66GHz	3346	1101	98.49	\$33.98
Intel Core2 Quad Q9450 @ 2.66GHz	3762	998	11.23	\$335.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9500 @ 2.83GHz	3550	1051	101.48	\$34.99
Intel Core2 Quad Q9505 @ 2.83GHz	3564	1045	18.76	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3973	950	81.11	\$48.99
Intel Core2 Quad Q9650 @ 3.00GHz	4171	913	76.56	\$54.49
Intel Core2 Quad Q9705 @ 3.16GHz	3947	955	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	350	2531	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2573	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2450	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	467	2397	NA	NA
Intel Core 330 @ 1.60GHz	643	2283	NA	NA
Intel Core 860 @ 2.80GHz	4555	840	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2247	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2251	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2243	NA	NA
Intel Core Duo T2050 @ 1.60GHz	694	2260	NA	NA
Intel Core Duo T2250 @ 1.73GHz	758	2230	NA	NA
Intel Core Duo T2300 @ 1.66GHz	730	2240	NA	NA
Intel Core Duo T2350 @ 1.86GHz	760	2227	NA	NA
Intel Core Duo T2400 @ 1.83GHz	793	2214	49.62	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2200	NA	NA
Intel Core Duo T2500 @ 2.00GHz	868	2177	7.24	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	941	2138	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2080	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2334	NA	NA
Intel Core Duo U2500 @ 1.20GHz	512	2355	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1601	NA	NA
Intel Core i3-330M @ 2.13GHz	1790	1676	36.87	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1071	2055	NA	NA
Intel Core i3-350M @ 2.27GHz	1893	1626	42.99	\$44.05
Intel Core i3-370M @ 2.40GHz	2017	1568	50.48	\$39.96*
Intel Core i3-380M @ 2.53GHz	2094	1539	42.74	\$49.00*
Intel Core i3-380UM @ 1.33GHz	1168	1998	NA	NA
Intel Core i3-390M @ 2.67GHz	2180	1503	55.99	\$38.95*
Intel Core i3-530 @ 2.93GHz	2568	1355	128.43	\$20.00
Intel Core i3-540 @ 3.07GHz	2688	1314	128.00	\$21.00
Intel Core i3-550 @ 3.20GHz	2826	1264	15.71	\$179.95
Intel Core i3-560 @ 3.33GHz	2943	1225	98.18	\$29.98
Intel Core i3-2100 @ 3.10GHz	3686	1021	61.46	\$59.99
Intel Core i3-2100T @ 2.50GHz	2934	1229	48.92	\$59.99
Intel Core i3-2102 @ 3.10GHz	3736	1006	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3704	1013	46.32	\$79.99
Intel Core i3-2120 @ 3.30GHz	3923	964	130.78	\$30.00
Intel Core i3-2120T @ 2.60GHz	3164	1153	28.00	\$113.00
Intel Core i3-2125 @ 3.30GHz	4025	938	20.23	\$199.00
Intel Core i3-2130 @ 3.40GHz	4062	930	58.04	\$69.99
Intel Core i3-2140 @ 3.50GHz	4325	887	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2310E @ 2.10GHz	2839	1261	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2428	1402	62.57	\$38.81
Intel Core i3-2312M @ 2.10GHz	2381	1421	NA	NA
Intel Core i3-2328M @ 2.20GHz	2532	1366	27.24	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1183	NA	NA
Intel Core i3-2330M @ 2.20GHz	2520	1370	14.81	\$170.20
Intel Core i3-2332M @ 2.20GHz	2382	1420	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1705	NA	NA
Intel Core i3-2348M @ 2.30GHz	2618	1335	NA	NA
Intel Core i3-2350M @ 2.30GHz	2618	1334	62.39	\$41.97*
Intel Core i3-2357M @ 1.30GHz	1556	1800	NA	NA
Intel Core i3-2365M @ 1.40GHz	1679	1735	NA	NA
Intel Core i3-2367M @ 1.40GHz	1704	1718	NA	NA
Intel Core i3-2370M @ 2.40GHz	2775	1286	69.71	\$39.81
Intel Core i3-2375M @ 1.50GHz	1778	1678	NA	NA
Intel Core i3-2377M @ 1.50GHz	1820	1665	NA	NA
Intel Core i3-3110M @ 2.40GHz	3076	1182	21.99	\$139.95
Intel Core i3-3120M @ 2.50GHz	3217	1139	23.15	\$139.00
Intel Core i3-3130M @ 2.60GHz	3405	1082	NA	NA
Intel Core i3-3210 @ 3.20GHz	4031	937	29.22	\$138.00
Intel Core i3-3217U @ 1.80GHz	2302	1453	10.01	\$229.99
Intel Core i3-3217UE @ 1.60GHz	2162	1508	NA	NA
Intel Core i3-3220 @ 3.30GHz	4237	903	121.42	\$34.90
Intel Core i3-3220T @ 2.80GHz	3701	1017	37.02	\$99.99
Intel Core i3-3225 @ 3.30GHz	4336	884	43.37	\$99.99
Intel Core i3-3227U @ 1.90GHz	2465	1393	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1694	1726	NA	NA
Intel Core i3-3240 @ 3.40GHz	4308	889	63.37	\$67.99
Intel Core i3-3240T @ 2.90GHz	3686	1020	NA	NA
Intel Core i3-3245 @ 3.40GHz	4424	861	55.32	\$79.99
Intel Core i3-3250 @ 3.50GHz	4446	858	46.81	\$94.99
Intel Core i3-3250T @ 3.00GHz	3021	1198	NA	NA
Intel Core i3-4000M @ 2.40GHz	3240	1127	16.21	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2448	1398	NA	NA
Intel Core i3-4010U @ 1.70GHz	2438	1401	19.62	\$124.31
Intel Core i3-4010Y @ 1.30GHz	1900	1622	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2158	1509	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2212	1491	NA	NA
Intel Core i3-4025U @ 1.90GHz	2778	1284	NA	NA
Intel Core i3-4030U @ 1.90GHz	2706	1308	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1377	NA	NA
Intel Core i3-4100M @ 2.50GHz	3485	1066	15.94	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	970	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1247	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1191	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4130 @ 3.40GHz	4795	796	34.25	\$139.99
Intel Core i3-4130T @ 2.90GHz	4137	921	46.49	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4894	776	30.44	\$160.81
Intel Core i3-4150T @ 3.00GHz	4260	898	18.53	\$229.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4158U @ 2.00GHz	2914	1239	NA	NA
Intel Core i3-4160 @ 3.60GHz	5055	744	36.11	\$139.99
Intel Core i3-4160T @ 3.10GHz	4415	867	29.64	\$148.99
Intel Core i3-4170 @ 3.70GHz	5190	718	34.61	\$149.99
Intel Core i3-4170T @ 3.20GHz	4565	839	21.75	\$209.95
Intel Core i3-4330 @ 3.50GHz	5093	734	28.30	\$179.99
Intel Core i3-4330T @ 3.00GHz	4482	853	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1142	NA	NA
Intel Core i3-4340 @ 3.60GHz	5240	713	31.01	\$168.99
Intel Core i3-4350 @ 3.60GHz	4963	763	29.37	\$168.99
Intel Core i3-4350T @ 3.10GHz	4302	890	NA	NA
Intel Core i3-4360 @ 3.70GHz	5461	677	19.51	\$279.95*
Intel Core i3-4360T @ 3.20GHz	4636	817	NA	NA
Intel Core i3-4370 @ 3.80GHz	5600	661	12.45	\$449.97
Intel Core i3-4370T @ 3.30GHz	4855	785	35.18	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	768	NA	NA
Intel Core i3-5005U @ 2.00GHz	2904	1245	NA	NA
Intel Core i3-5010U @ 2.10GHz	3050	1190	10.04	\$303.93*
Intel Core i3-5015U @ 2.10GHz	3033	1197	NA	NA
Intel Core i3-5020U @ 2.20GHz	3183	1146	6.94	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3661	1025	NA	NA
Intel Core i3-6006U @ 2.00GHz	3100	1176	NA	NA
Intel Core i3-6098P @ 3.60GHz	5412	688	40.47	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5490	672	31.20	\$175.99
Intel Core i3-6100E @ 2.70GHz	3769	996	NA	NA
Intel Core i3-6100H @ 2.70GHz	4246	902	NA	NA
Intel Core i3-6100T @ 3.20GHz	4856	783	25.56	\$189.99
Intel Core i3-6100TE @ 2.70GHz	4337	883	NA	NA
Intel Core i3-6100U @ 2.30GHz	3602	1033	6.99	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	977	NA	NA
Intel Core i3-6300 @ 3.80GHz	5849	630	40.91	\$142.99
Intel Core i3-6300T @ 3.30GHz	5249	712	30.61	\$171.47
Intel Core i3-6320 @ 3.90GHz	6047	609	37.80	\$159.99
Intel Core i3-7020U @ 2.30GHz	3560	1047	12.67	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5782	636	35.21	\$164.25
Intel Core i3-7100H @ 3.00GHz	4768	798	21.19	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5042	748	56.66	\$89.00*
Intel Core i3-7100U @ 2.40GHz	3793	989	11.22	\$337.98
Intel Core i3-7101TE @ 3.40GHz	5016	752	42.88	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4032	936	14.35	\$281.00*
Intel Core i3-7300 @ 4.00GHz	6436	573	17.78	\$362.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7300T @ 3.50GHz	5369	693	27.48	\$195.41*
Intel Core i3-7320 @ 4.10GHz	6541	562	29.18	\$224.15*
Intel Core i3-7350K @ 4.20GHz	6620	556	30.95	\$213.89
Intel Core i3-8100 @ 3.60GHz	8093	419	62.36	\$129.79
Intel Core i3-8100T @ 3.10GHz	7413	483	53.33	\$139.00
Intel Core i3-8109U @ 3.00GHz	6248	588	NA	NA
Intel Core i3-8130U @ 2.20GHz	5076	739	18.07	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8693	377	50.53	\$172.04
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8300T @ 3.20GHz	7650	461	33.71	\$226.99*
Intel Core i3-8350K @ 4.00GHz	9250	327	50.01	\$184.99
Intel Core i5 750S @ 2.40GHz	2197	1498	21.97	\$99.99
Intel Core i5 E 520 @ 2.40GHz	2486	1386	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3617	1030	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3737	1005	NA	NA
Intel Core i5-430M @ 2.27GHz	2100	1536	15.01	\$139.95
Intel Core i5-430UM @ 1.20GHz	1339	1898	NA	NA
Intel Core i5-450M @ 2.40GHz	2115	1528	66.21	\$31.95*
Intel Core i5-460M @ 2.53GHz	2326	1440	31.04	\$74.95
Intel Core i5-470UM @ 1.33GHz	1081	2052	NA	NA
Intel Core i5-480M @ 2.67GHz	2405	1412	29.84	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1480	NA	NA
Intel Core i5-520M @ 2.40GHz	2370	1427	33.86	\$69.99
Intel Core i5-520UM @ 1.07GHz	1356	1891	NA	NA
Intel Core i5-540M @ 2.53GHz	2449	1397	12.89	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1374	1880	NA	NA
Intel Core i5-560M @ 2.67GHz	2587	1345	28.76	\$89.97*
Intel Core i5-560UM @ 1.33GHz	1664	1744	NA	NA
Intel Core i5-580M @ 2.67GHz	2624	1331	23.87	\$109.95*
Intel Core i5-650 @ 3.20GHz	3103	1174	36.51	\$84.99
Intel Core i5-655K @ 3.20GHz	3399	1088	56.67	\$59.99
Intel Core i5-660 @ 3.33GHz	3251	1123	66.35	\$49.00
Intel Core i5-661 @ 3.33GHz	3173	1148	31.74	\$99.99
Intel Core i5-670 @ 3.47GHz	3310	1112	36.79	\$89.99
Intel Core i5-680 @ 3.60GHz	3513	1058	39.05	\$89.99
Intel Core i5-750 @ 2.67GHz	3695	1018	23.02	\$160.50*
Intel Core i5-760 @ 2.80GHz	3891	965	38.91	\$99.99
Intel Core i5-2300 @ 2.80GHz	5343	699	66.81	\$79.99
Intel Core i5-2310 @ 2.90GHz	5533	670	69.18	\$79.98
Intel Core i5-2320 @ 3.00GHz	5758	640	35.99	\$160.00
Intel Core i5-2380P @ 3.10GHz	5679	649	63.12	\$89.99
Intel Core i5-2390T @ 2.70GHz	4260	897	42.65	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5954	616	70.89	\$83.99
Intel Core i5-2400S @ 2.50GHz	4961	764	75.52	\$65.70
Intel Core i5-2405S @ 2.50GHz	5065	742	30.81	\$164.40*
Intel Core i5-2410M @ 2.30GHz	3165	1152	40.55	\$78.07*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2415M @ 2.30GHz	3299	1114	NA	NA
Intel Core i5-2430M @ 2.40GHz	3282	1117	39.03	\$84.11*
Intel Core i5-2435M @ 2.40GHz	3239	1129	NA	NA
Intel Core i5-2450M @ 2.50GHz	3396	1090	38.59	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6144	598	68.28	\$89.99
Intel Core i5-2467M @ 1.60GHz	2335	1437	NA	NA
Intel Core i5-2500 @ 3.30GHz	6329	585	71.12	\$88.99
Intel Core i5-2500K @ 3.30GHz	6476	569	52.23	\$123.99
Intel Core i5-2500S @ 2.70GHz	5317	705	70.91	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4608	826	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	1022	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1110	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2520M @ 2.50GHz	3587	1039	21.15	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2095	1538	NA	NA
Intel Core i5-2540M @ 2.60GHz	3780	993	42.02	\$89.97
Intel Core i5-2550K @ 3.40GHz	6666	551	51.69	\$128.99
Intel Core i5-2557M @ 1.70GHz	2671	1318	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1000	NA	NA
Intel Core i5-3210M @ 2.50GHz	3822	980	31.68	\$120.68*
Intel Core i5-3220M @ 2.60GHz	3938	960	15.78	\$249.65*
Intel Core i5-3317U @ 1.70GHz	3088	1178	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4113	926	33.51	\$122.74*
Intel Core i5-3330 @ 3.00GHz	5933	620	59.34	\$99.99
Intel Core i5-3330S @ 2.70GHz	5666	652	59.66	\$94.99
Intel Core i5-3335S @ 2.70GHz	5788	635	NA	NA
Intel Core i5-3337U @ 1.80GHz	3221	1132	14.32	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2237	1484	NA	NA
Intel Core i5-3340 @ 3.10GHz	6089	604	23.24	\$262.01
Intel Core i5-3340M @ 2.70GHz	4248	901	53.14	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	631	39.24	\$148.99
Intel Core i5-3350P @ 3.10GHz	6141	599	36.13	\$169.99
Intel Core i5-3360M @ 2.80GHz	4417	866	47.59	\$92.81
Intel Core i5-3380M @ 2.90GHz	4422	862	NA	NA
Intel Core i5-3427U @ 1.80GHz	3546	1053	8.44	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3632	1029	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1231	NA	NA
Intel Core i5-3450 @ 3.10GHz	6520	564	50.95	\$127.99
Intel Core i5-3450S @ 2.80GHz	6224	589	62.25	\$99.99
Intel Core i5-3470 @ 3.20GHz	6695	548	60.66	\$110.38
Intel Core i5-3470S @ 2.90GHz	6358	584	44.78	\$142.00
Intel Core i5-3470T @ 2.90GHz	4479	854	19.82	\$226.00*
Intel Core i5-3475S @ 2.90GHz	6612	557	46.08	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6940	526	21.04	\$329.95
Intel Core i5-3550S @ 3.00GHz	6892	531	20.21	\$341.01
Intel Core i5-3570 @ 3.40GHz	7105	509	37.03	\$191.89

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3570K @ 3.40GHz	7171	506	49.81	\$143.99
Intel Core i5-3570S @ 3.10GHz	6736	545	23.64	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5901	624	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3786	992	NA	NA
Intel Core i5-4200H @ 2.80GHz	4431	859	NA	NA
Intel Core i5-4200M @ 2.50GHz	4038	935	22.44	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3288	1115	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1411	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2256	1475	NA	NA
Intel Core i5-4210H @ 2.90GHz	4537	848	NA	NA
Intel Core i5-4210M @ 2.60GHz	4192	908	13.53	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3401	1085	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2380	1422	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1474	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1246	NA	NA
Intel Core i5-4250U @ 1.30GHz	3456	1074	9.63	\$358.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4258U @ 2.40GHz	4081	928	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1043	NA	NA
Intel Core i5-4278U @ 2.60GHz	4362	877	NA	NA
Intel Core i5-4288U @ 2.60GHz	4358	879	NA	NA
Intel Core i5-4300M @ 2.60GHz	4419	864	NA	NA
Intel Core i5-4300U @ 1.90GHz	3740	1004	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2485	1387	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2967	1218	NA	NA
Intel Core i5-4308U @ 2.80GHz	4190	909	NA	NA
Intel Core i5-4310M @ 2.70GHz	4627	821	NA	NA
Intel Core i5-4310U @ 2.00GHz	3730	1008	NA	NA
Intel Core i5-4330M @ 2.80GHz	4461	856	16.23	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4810	792	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1032	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	844	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	956	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1274	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6315	586	35.09	\$179.99
Intel Core i5-4430S @ 2.70GHz	5906	623	37.15	\$158.99
Intel Core i5-4440 @ 3.10GHz	6496	566	38.22	\$169.99
Intel Core i5-4440S @ 2.80GHz	6212	591	13.42	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6707	547	36.30	\$184.79
Intel Core i5-4460S @ 2.90GHz	6406	580	9.71	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4942	767	NA	NA
Intel Core i5-4570 @ 3.20GHz	7124	508	40.72	\$174.99
Intel Core i5-4570R @ 2.70GHz	6751	543	NA	NA
Intel Core i5-4570S @ 2.90GHz	6783	538	30.65	\$221.32
Intel Core i5-4570T @ 2.90GHz	4825	788	32.39	\$148.99
Intel Core i5-4570TE @ 2.70GHz	3827	979	19.24	\$198.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4590 @ 3.30GHz	7300	493	38.63	\$188.99
Intel Core i5-4590S @ 3.00GHz	7019	519	35.63	\$196.99
Intel Core i5-4590T @ 2.00GHz	5606	659	NA	NA
Intel Core i5-4670 @ 3.40GHz	7438	476	39.57	\$187.99
Intel Core i5-4670K @ 3.40GHz	7632	462	31.80	\$240.00
Intel Core i5-4670K CPT @ 3.40GHz	7411	484	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	481	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	6436	574	NA	NA
Intel Core i5-4670T @ 2.30GHz	6206	592	29.14	\$213.00*
Intel Core i5-4690 @ 3.50GHz	7656	460	42.54	\$179.99
Intel Core i5-4690K @ 3.50GHz	7795	444	38.98	\$199.99
Intel Core i5-4690S @ 3.20GHz	7421	480	27.49	\$269.94*
Intel Core i5-4690T @ 2.50GHz	6495	567	NA	NA
Intel Core i5-5200U @ 2.20GHz	3486	1065	NA	NA
Intel Core i5-5250U @ 1.60GHz	3582	1041	8.11	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4405	868	NA	NA
Intel Core i5-5287U @ 2.90GHz	4681	810	NA	NA
Intel Core i5-5300U @ 2.30GHz	3804	986	7.38	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3462	1073	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	477	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-5675C @ 3.10GHz	8199	407	20.50	\$399.99
Intel Core i5-5675R @ 3.10GHz	8054	421	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4164	916	NA	NA
Intel Core i5-6200U @ 2.30GHz	4017	939	NA	NA
Intel Core i5-6260U @ 1.80GHz	4361	878	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4983	758	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	801	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6081	606	NA	NA
Intel Core i5-6300U @ 2.40GHz	4370	875	NA	NA
Intel Core i5-6360U @ 2.00GHz	4880	777	NA	NA
Intel Core i5-6400 @ 2.70GHz	6762	541	33.98	\$199.00
Intel Core i5-6400T @ 2.20GHz	5597	662	33.12	\$169.00
Intel Core i5-6402P @ 2.80GHz	7099	510	37.37	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	637	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6781	539	NA	NA
Intel Core i5-6500 @ 3.20GHz	7239	497	32.07	\$225.75
Intel Core i5-6500T @ 2.50GHz	6273	587	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6559	561	31.24	\$209.99
Intel Core i5-6600 @ 3.30GHz	7763	448	35.29	\$219.99
Intel Core i5-6600K @ 3.50GHz	8054	422	31.21	\$258.11
Intel Core i5-6600T @ 2.70GHz	7310	492	41.78	\$174.99
Intel Core i5-7200U @ 2.50GHz	4620	823	NA	NA
Intel Core i5-7260U @ 2.20GHz	5697	647	NA	NA
Intel Core i5-7267U @ 3.10GHz	5098	732	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	654	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7300HQ @ 2.50GHz	6801	536	NA	NA
Intel Core i5-7300U @ 2.60GHz	5153	722	11.18	\$460.75
Intel Core i5-7360U @ 2.30GHz	5929	621	NA	NA
Intel Core i5-7400 @ 3.00GHz	7349	486	35.28	\$208.31
Intel Core i5-7400T @ 2.40GHz	6420	578	33.97	\$189.00
Intel Core i5-7440HQ @ 2.80GHz	7701	455	NA	NA
Intel Core i5-7500 @ 3.40GHz	8022	424	39.12	\$205.11
Intel Core i5-7500T @ 2.70GHz	7037	518	29.44	\$239.03
Intel Core i5-7600 @ 3.50GHz	8772	370	36.56	\$239.99
Intel Core i5-7600K @ 3.80GHz	9130	333	36.38	\$250.99
Intel Core i5-7600T @ 2.80GHz	8097	418	31.00	\$261.25
Intel Core i5-7640X @ 4.00GHz	9585	297	37.85	\$253.23
Intel Core i5-8250U @ 1.60GHz	7662	459	NA	NA
Intel Core i5-8259U @ 2.30GHz	10787	216	NA	NA
Intel Core i5-8265U @ 1.60GHz	8113	416	27.32	\$297.00*
Intel Core i5-8300H @ 2.30GHz	9423	313	37.69	\$250.00*
Intel Core i5-8305G @ 2.80GHz	9092	339	NA	NA
Intel Core i5-8350U @ 1.70GHz	8194	409	27.59	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11682	194	58.41	\$199.99
Intel Core i5-8400H @ 2.50GHz	10280	242	41.12	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9591	296	50.75	\$189.00
Intel Core i5-8500 @ 3.00GHz	11947	189	47.98	\$249.00
Intel Core i5-8500T @ 2.10GHz	9942	270	45.53	\$218.34*
Intel Core i5-8600 @ 3.10GHz	12607	171	51.57	\$244.47*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8600K @ 3.60GHz	12791	166	33.71	\$379.48
Intel Core i5-8600T @ 2.30GHz	10913	213	29.18	\$373.99*
Intel Core i5-9600K @ 3.70GHz	13657	145	48.78	\$279.99
Intel Core i5-24050S @ 2.50GHz	4928	771	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3746	1003	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1587	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1360	NA	NA
Intel Core i7-620LM @ 2.00GHz	1951	1594	NA	NA
Intel Core i7-620M @ 2.67GHz	2722	1305	24.75	\$110.01
Intel Core i7-620UM @ 1.07GHz	1323	1906	NA	NA
Intel Core i7-640LM @ 2.13GHz	2262	1473	NA	NA
Intel Core i7-640M @ 2.80GHz	2840	1260	14.21	\$199.95
Intel Core i7-640UM @ 1.20GHz	1661	1747	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1694	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1713	NA	NA
Intel Core i7-720QM @ 1.60GHz	3014	1201	27.41	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3199	1143	29.10	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3227	1131	23.22	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3403	1084	11.74	\$289.97*
Intel Core i7-860 @ 2.80GHz	5010	754	17.28	\$289.95*
Intel Core i7-860S @ 2.53GHz	4711	804	23.67	\$198.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-870 @ 2.93GHz	5343	700	53.98	\$98.99
Intel Core i7-870S @ 2.67GHz	4969	761	NA	NA
Intel Core i7-875K @ 2.93GHz	5432	684	11.20	\$485.01
Intel Core i7-880 @ 3.07GHz	5601	660	9.61	\$583.00*
Intel Core i7-920 @ 2.67GHz	4927	772	28.32	\$174.00
Intel Core i7-920XM @ 2.00GHz	3771	995	9.43	\$399.95*
Intel Core i7-930 @ 2.80GHz	5145	724	85.78	\$59.99*
Intel Core i7-940 @ 2.93GHz	5360	695	75.82	\$70.70
Intel Core i7-940XM @ 2.13GHz	3942	959	NA	NA
Intel Core i7-950 @ 3.07GHz	5557	665	16.84	\$329.99
Intel Core i7-960 @ 3.20GHz	5819	634	58.20	\$99.99
Intel Core i7-965 @ 3.20GHz	5856	627	41.83	\$139.99
Intel Core i7-970 @ 3.20GHz	8390	393	56.32	\$148.99
Intel Core i7-975 @ 3.33GHz	6135	600	34.09	\$179.99
Intel Core i7-980 @ 3.33GHz	8670	380	43.57	\$198.99
Intel Core i7-980X @ 3.33GHz	8789	367	40.14	\$218.99
Intel Core i7-985 @ 3.47GHz	6641	553	NA	NA
Intel Core i7-990X @ 3.47GHz	9095	337	25.99	\$349.99
Intel Core i7-995X @ 3.60GHz	9791	280	NA	NA
Intel Core i7-2600 @ 3.40GHz	8196	408	55.01	\$148.99
Intel Core i7-2600K @ 3.40GHz	8448	389	44.47	\$189.99
Intel Core i7-2600S @ 2.80GHz	7073	514	35.55	\$198.99
Intel Core i7-2610UE @ 1.50GHz	2481	1389	NA	NA
Intel Core i7-2617M @ 1.50GHz	2818	1268	NA	NA
Intel Core i7-2620M @ 2.70GHz	3837	975	21.41	\$179.21*
Intel Core i7-2630QM @ 2.00GHz	5533	669	51.12	\$108.24*
Intel Core i7-2630UM @ 1.60GHz	2584	1346	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5456	678	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2637M @ 1.70GHz	2909	1240	NA	NA
Intel Core i7-2640M @ 2.80GHz	3935	961	21.16	\$185.97
Intel Core i7-2655LE @ 2.20GHz	3161	1157	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5887	625	22.73	\$259.00
Intel Core i7-2675QM @ 2.20GHz	5541	668	NA	NA
Intel Core i7-2677M @ 1.80GHz	2828	1263	NA	NA
Intel Core i7-2700K @ 3.50GHz	8715	372	43.58	\$199.99
Intel Core i7-2710QE @ 2.10GHz	5768	639	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	694	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6115	603	32.19	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6577	559	41.16	\$159.81
Intel Core i7-2820QM @ 2.30GHz	6641	554	26.46	\$251.04*
Intel Core i7-2840QM @ 2.40GHz	6766	540	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6988	523	11.65	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7038	517	11.56	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7216	500	17.60	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3589	1038	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3517UE @ 1.70GHz	3323	1106	NA	NA
Intel Core i7-3520M @ 2.90GHz	4540	845	19.32	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3847	973	NA	NA
Intel Core i7-3540M @ 3.00GHz	4654	813	10.83	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	4130	923	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	571	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7468	473	18.67	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6573	560	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6829	535	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	488	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7379	485	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7585	466	31.74	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6941	525	20.72	\$335.00*
Intel Core i7-3635QM @ 2.40GHz	6682	550	NA	NA
Intel Core i7-3667U @ 2.00GHz	3991	946	NA	NA
Intel Core i7-3687U @ 2.10GHz	4176	912	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1134	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8125	415	22.63	\$359.00*
Intel Core i7-3740QM @ 2.70GHz	8332	398	34.73	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9291	324	58.08	\$159.99
Intel Core i7-3770K @ 3.50GHz	9521	301	38.39	\$247.99
Intel Core i7-3770S @ 3.10GHz	8880	358	63.44	\$139.99
Intel Core i7-3770T @ 2.50GHz	8203	406	24.86	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9000	350	45.00	\$199.99
Intel Core i7-3820QM @ 2.70GHz	8439	390	17.33	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8785	368	26.23	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9149	331	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11994	186	30.14	\$397.99
Intel Core i7-3940XM @ 3.00GHz	9296	323	17.25	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12602	172	15.75	\$799.99
Intel Core i7-3970X @ 3.50GHz	12671	169	13.28	\$953.99
Intel Core i7-4500U @ 1.80GHz	3788	990	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4510U @ 2.00GHz	3932	963	NA	NA
Intel Core i7-4550U @ 1.50GHz	3713	1011	NA	NA
Intel Core i7-4558U @ 2.80GHz	4373	874	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	885	NA	NA
Intel Core i7-4578U @ 3.00GHz	4758	800	NA	NA
Intel Core i7-4600M @ 2.90GHz	4876	778	NA	NA
Intel Core i7-4600U @ 2.10GHz	4103	927	NA	NA
Intel Core i7-4610M @ 3.00GHz	4983	759	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1002	NA	NA
Intel Core i7-4650U @ 1.70GHz	3966	952	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	505	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7730	453	20.18	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7694	456	40.71	\$189.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4702HQ @ 2.20GHz	7486	472	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7134	507	21.22	\$336.25*
Intel Core i7-4710HQ @ 2.50GHz	7735	451	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7999	429	29.46	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7507	470	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7202	502	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8000	428	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	423	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8279	401	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	385	NA	NA
Intel Core i7-4765T @ 2.00GHz	7314	490	18.29	\$399.99
Intel Core i7-4770 @ 3.40GHz	9787	282	40.78	\$239.99
Intel Core i7-4770HQ @ 2.20GHz	8948	354	NA	NA
Intel Core i7-4770K @ 3.50GHz	10096	255	35.43	\$284.99
Intel Core i7-4770R @ 3.20GHz	9819	279	NA	NA
Intel Core i7-4770S @ 3.10GHz	9336	320	37.35	\$249.99
Intel Core i7-4770T @ 2.50GHz	8634	382	21.59	\$399.99
Intel Core i7-4770TE @ 2.30GHz	6732	546	NA	NA
Intel Core i7-4771 @ 3.50GHz	9875	277	32.92	\$299.99
Intel Core i7-4785T @ 2.20GHz	7609	465	NA	NA
Intel Core i7-4790 @ 3.60GHz	9990	267	35.81	\$278.99
Intel Core i7-4790K @ 4.00GHz	11183	200	36.43	\$306.99
Intel Core i7-4790S @ 3.20GHz	9566	299	19.17	\$498.91
Intel Core i7-4790T @ 2.70GHz	9094	338	25.33	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8488	387	16.65	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8643	381	20.34	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9722	288	16.34	\$594.96
Intel Core i7-4850HQ @ 2.30GHz	9016	348	20.78	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7875	436	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9256	326	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9360	319	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9033	346	15.40	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9415	314	20.47	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13017	160	32.71	\$397.99
Intel Core i7-4930MX @ 3.00GHz	9479	304	8.65	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9895	273	16.22	\$609.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4960HQ @ 2.60GHz	9777	284	15.69	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13794	141	17.92	\$769.99
Intel Core i7-4980HQ @ 2.80GHz	10250	244	NA	NA
Intel Core i7-5500U @ 2.40GHz	3971	951	NA	NA
Intel Core i7-5550U @ 2.00GHz	4271	894	NA	NA
Intel Core i7-5557U @ 3.10GHz	4943	766	7.01	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4308	888	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	904	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	410	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5700EQ @ 2.60GHz	8239	404	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8365	394	NA	NA
Intel Core i7-5775C @ 3.30GHz	10997	211	24.44	\$449.99
Intel Core i7-5775R @ 3.30GHz	10863	214	NA	NA
Intel Core i7-5820K @ 3.30GHz	12990	161	43.30	\$299.99
Intel Core i7-5850HQ @ 2.70GHz	9459	309	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13637	147	22.81	\$597.99
Intel Core i7-5950HQ @ 2.90GHz	10932	212	NA	NA
Intel Core i7-5960X @ 3.00GHz	15950	92	20.74	\$768.99
Intel Core i7-6498DU @ 2.50GHz	4538	847	NA	NA
Intel Core i7-6500U @ 2.50GHz	4427	860	NA	NA
Intel Core i7-6560U @ 2.20GHz	4820	790	NA	NA
Intel Core i7-6567U @ 3.30GHz	5648	655	NA	NA
Intel Core i7-6600U @ 2.60GHz	4803	794	NA	NA
Intel Core i7-6650U @ 2.20GHz	4949	765	NA	NA
Intel Core i7-6700 @ 3.40GHz	10007	266	29.39	\$340.56
Intel Core i7-6700HQ @ 2.60GHz	8134	413	21.52	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11112	202	32.02	\$347.00
Intel Core i7-6700T @ 2.80GHz	9041	345	25.83	\$350.00
Intel Core i7-6700TE @ 2.40GHz	8696	375	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9718	289	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13591	151	32.44	\$419.00
Intel Core i7-6820EQ @ 2.80GHz	8968	351	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9123	334	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8775	369	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	577	NA	NA
Intel Core i7-6850K @ 3.60GHz	14370	125	26.13	\$549.99
Intel Core i7-6900K @ 3.20GHz	17704	59	14.77	\$1,198.99
Intel Core i7-6920HQ @ 2.90GHz	9620	295	16.94	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19977	37	12.78	\$1,562.65
Intel Core i7-7500U @ 2.70GHz	5173	720	NA	NA
Intel Core i7-7560U @ 2.40GHz	5855	628	NA	NA
Intel Core i7-7567U @ 3.50GHz	6499	565	NA	NA
Intel Core i7-7600U @ 2.80GHz	5325	702	NA	NA
Intel Core i7-7660U @ 2.50GHz	6032	612	NA	NA
Intel Core i7-7700 @ 3.60GHz	10753	217	34.87	\$308.43
Intel Core i7-7700HQ @ 2.80GHz	8837	364	NA	NA
Intel Core i7-7700K @ 4.20GHz	12041	185	33.93	\$354.89
Intel Core i7-7700T @ 2.90GHz	9155	330	23.17	\$395.08*
Intel Core i7-7740X @ 4.30GHz	12248	179	35.10	\$348.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7800X @ 3.50GHz	14532	119	38.35	\$378.99
Intel Core i7-7820HK @ 2.90GHz	10048	262	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9372	318	24.79	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18548	50	37.10	\$499.99
Intel Core i7-7900X @ 3.30GHz	20046	36	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7920HQ @ 3.10GHz	10067	260	NA	NA
Intel Core i7-8086K @ 4.00GHz	16847	70	30.47	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3590	1037	9.14	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8343	397	NA	NA
Intel Core i7-8559U @ 2.70GHz	11811	192	NA	NA
Intel Core i7-8565U @ 1.80GHz	8791	366	NA	NA
Intel Core i7-8650U @ 1.90GHz	8878	359	NA	NA
Intel Core i7-8700 @ 3.20GHz	15156	106	34.45	\$439.98
Intel Core i7-8700K @ 3.70GHz	15965	91	44.48	\$358.98
Intel Core i7-8700T @ 2.40GHz	12483	174	30.52	\$409.00
Intel Core i7-8705G @ 3.10GHz	10106	254	NA	NA
Intel Core i7-8706G @ 3.10GHz	10591	226	NA	NA
Intel Core i7-8750H @ 2.20GHz	12499	173	31.64	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11032	209	NA	NA
Intel Core i7-8850H @ 2.60GHz	13431	156	34.00	\$395.00*
Intel Core i7-9700K @ 3.60GHz	17612	61	42.96	\$409.99
Intel Core i9-7900X @ 3.30GHz	21998	19	15.90	\$1,383.99
Intel Core i9-7920X @ 2.90GHz	23258	14	22.80	\$1,019.99
Intel Core i9-7940X @ 3.10GHz	25500	6	22.57	\$1,129.99
Intel Core i9-7960X @ 2.80GHz	25711	5	13.54	\$1,899.00
Intel Core i9-7980XE @ 2.60GHz	27780	2	13.85	\$2,005.50
Intel Core i9-8950HK @ 2.90GHz	14500	121	24.87	\$583.00*
Intel Core i9-9900K @ 3.60GHz	20340	32	20.24	\$1,004.99
Intel Core m3-6Y30 @ 0.90GHz	3051	1189	NA	NA
Intel Core m3-7Y30 @ 1.00GHz	3532	1056	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	2555	1358	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3361	1099	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3227	1130	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3492	1062	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2737	1300	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1419	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2817	1269	10.03	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2648	1325	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2470	1391	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1200	NA	NA
Intel Core M-5Y71 @ 1.20GHz	3005	1207	10.69	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2483	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2477	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2395	NA	NA
Intel Core Solo U1300 @ 1.06GHz	271	2640	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2632	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2553	NA	NA
Intel E3000 @ 3.40GHz	2767	1288	NA	NA
Intel Pentium 4 1.40GHz	164	2740	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1.50GHz	131	2757	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1.60GHz	129	2759	NA	NA
Intel Pentium 4 1.70GHz	132	2756	NA	NA
Intel Pentium 4 1.80GHz	160	2743	NA	NA
Intel Pentium 4 1.90GHz	159	2744	NA	NA
Intel Pentium 4 2.00GHz	189	2722	NA	NA
Intel Pentium 4 2.20GHz	210	2703	NA	NA
Intel Pentium 4 2.26GHz	221	2692	NA	NA
Intel Pentium 4 2.40GHz	228	2685	NA	NA
Intel Pentium 4 2.50GHz	245	2669	NA	NA
Intel Pentium 4 2.53GHz	248	2665	NA	NA
Intel Pentium 4 2.60GHz	288	2611	NA	NA
Intel Pentium 4 2.66GHz	254	2656	NA	NA
Intel Pentium 4 2.80GHz	321	2559	NA	NA
Intel Pentium 4 2.93GHz	299	2593	NA	NA
Intel Pentium 4 3.00GHz	353	2529	NA	NA
Intel Pentium 4 3.06GHz	346	2535	NA	NA
Intel Pentium 4 3.20GHz	374	2499	NA	NA
Intel Pentium 4 3.40GHz	396	2479	NA	NA
Intel Pentium 4 3.46GHz	487	2375	NA	NA
Intel Pentium 4 3.60GHz	488	2374	NA	NA
Intel Pentium 4 3.73GHz	486	2378	NA	NA
Intel Pentium 4 3.80GHz	485	2381	NA	NA
Intel Pentium 4 3.83GHz	195	2717	NA	NA
Intel Pentium 4 4.00GHz	184	2728	NA	NA
Intel Pentium 4 1300MHz	119	2763	NA	NA
Intel Pentium 4 1400MHz	127	2760	NA	NA
Intel Pentium 4 1500MHz	125	2761	NA	NA
Intel Pentium 4 1600MHz	193	2721	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2747	NA	NA
Intel Pentium 4 1800MHz	162	2742	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2750	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2716	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2733	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2705	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2736	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2704	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2711	NA	NA
Intel Pentium 5 2.66GHz	705	2256	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2037	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1157	2005	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2010	NA	NA
Intel Pentium 987 @ 1.50GHz	1227	1966	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	1869	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1298	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1199	NA	NA
Intel Pentium 2020M @ 2.40GHz	2283	1463	17.04	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2417	1407	18.04	\$134.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 2117U @ 1.80GHz	1663	1746	12.41	\$134.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 2127U @ 1.90GHz	1819	1667	13.58	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2062	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2304	1448	NA	NA
Intel Pentium 3556U @ 1.70GHz	1702	1721	NA	NA
Intel Pentium 3558U @ 1.70GHz	1686	1731	NA	NA
Intel Pentium 3560M @ 2.40GHz	2240	1482	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1947	NA	NA
Intel Pentium 3805U @ 1.90GHz	1980	1582	NA	NA
Intel Pentium 3825U @ 1.90GHz	2526	1368	NA	NA
Intel Pentium 4405U @ 2.10GHz	2928	1232	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1551	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2056	1554	12.78	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3152	1163	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2198	1497	13.66	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1777	NA	NA
Intel Pentium B940 @ 2.00GHz	1722	1704	57.52	\$29.94*
Intel Pentium B950 @ 2.10GHz	1717	1707	NA	NA
Intel Pentium B960 @ 2.20GHz	1851	1648	37.79	\$48.99*
Intel Pentium B970 @ 2.30GHz	1961	1590	38.46	\$50.99*
Intel Pentium B980 @ 2.40GHz	2034	1561	29.08	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	984	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	535	2342	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2285	NA	NA
Intel Pentium D 915 @ 2.80GHz	581	2315	NA	NA
Intel Pentium D 940 @ 3.20GHz	709	2253	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2237	NA	NA
Intel Pentium D 960 @ 3.60GHz	817	2204	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2176	5.50	\$157.95
Intel Pentium E2160 @ 1.80GHz	995	2100	76.91	\$12.95
Intel Pentium E2180 @ 2.00GHz	1087	2042	54.41	\$19.99
Intel Pentium E2200 @ 2.20GHz	1204	1979	16.06	\$75.00
Intel Pentium E2210 @ 2.20GHz	1174	1992	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	1902	8.43	\$157.95
Intel Pentium E5200 @ 2.50GHz	1487	1831	16.54	\$89.95
Intel Pentium E5300 @ 2.60GHz	1539	1805	99.96	\$15.40
Intel Pentium E5400 @ 2.70GHz	1597	1784	79.92	\$19.99
Intel Pentium E5500 @ 2.80GHz	1638	1760	81.95	\$19.99
Intel Pentium E5700 @ 3.00GHz	1739	1697	116.01	\$14.99
Intel Pentium E5800 @ 3.20GHz	1897	1623	63.29	\$29.99
Intel Pentium E6300 @ 2.80GHz	1707	1715	3.02	\$565.00
Intel Pentium E6500 @ 2.93GHz	1760	1685	11.15	\$157.95
Intel Pentium E6600 @ 3.06GHz	1876	1637	18.77	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1945	1598	114.49	\$16.99
Intel Pentium E6800 @ 3.33GHz	1977	1584	39.56	\$49.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2160	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2118	NA	NA
Intel Pentium G620 @ 2.60GHz	2293	1456	91.77	\$24.99
Intel Pentium G620T @ 2.20GHz	2028	1562	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2372	1425	94.95	\$24.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G630T @ 2.30GHz	2122	1527	26.54	\$79.99*
Intel Pentium G640 @ 2.80GHz	2534	1365	101.42	\$24.99
Intel Pentium G640T @ 2.40GHz	1911	1612	NA	NA
Intel Pentium G645 @ 2.90GHz	2584	1347	27.21	\$95.00
Intel Pentium G645T @ 2.50GHz	2289	1457	NA	NA
Intel Pentium G840 @ 2.80GHz	2563	1356	73.25	\$34.99*
Intel Pentium G850 @ 2.90GHz	2666	1320	88.90	\$29.99
Intel Pentium G860 @ 3.00GHz	2741	1299	91.43	\$29.99
Intel Pentium G870 @ 3.10GHz	2826	1265	29.14	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2598	1342	74.47	\$34.89
Intel Pentium G2020 @ 2.90GHz	2762	1290	84.08	\$32.86
Intel Pentium G2020T @ 2.50GHz	2466	1392	51.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2875	1254	70.16	\$40.99
Intel Pentium G2030T @ 2.60GHz	2504	1380	39.13	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1276	NA	NA
Intel Pentium G2120 @ 3.10GHz	3081	1181	67.01	\$45.99
Intel Pentium G2130 @ 3.20GHz	3213	1140	64.28	\$49.99
Intel Pentium G2140 @ 3.30GHz	3384	1093	67.71	\$49.99
Intel Pentium G3220 @ 3.00GHz	3135	1165	26.14	\$119.95*
Intel Pentium G3220T @ 2.60GHz	2608	1338	37.27	\$69.99
Intel Pentium G3240 @ 3.10GHz	3162	1154	39.54	\$79.99
Intel Pentium G3240T @ 2.70GHz	2874	1255	NA	NA
Intel Pentium G3250 @ 3.20GHz	3252	1121	29.58	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2969	1217	33.00	\$89.99
Intel Pentium G3258 @ 3.20GHz	3889	966	21.82	\$178.28
Intel Pentium G3260 @ 3.30GHz	3377	1095	32.17	\$104.99
Intel Pentium G3260T @ 2.90GHz	2914	1238	32.39	\$89.99
Intel Pentium G3320TE @ 2.30GHz	2389	1417	NA	NA
Intel Pentium G3420 @ 3.20GHz	3405	1083	30.96	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1203	28.58	\$105.25*
Intel Pentium G3430 @ 3.30GHz	3395	1091	37.74	\$89.99
Intel Pentium G3440 @ 3.30GHz	3304	1113	20.66	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1175	NA	NA
Intel Pentium G3450 @ 3.40GHz	3703	1014	37.04	\$99.99
Intel Pentium G3450T @ 2.90GHz	2967	1219	NA	NA
Intel Pentium G3460 @ 3.50GHz	3593	1036	12.47	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3706	1012	35.54	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3557	1048	50.83	\$69.99
Intel Pentium G4400T @ 2.90GHz	3219	1135	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1252	45.09	\$64.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4500 @ 3.50GHz	3794	988	39.17	\$96.86
Intel Pentium G4500T @ 3.00GHz	3471	1069	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	910	39.27	\$106.55
Intel Pentium G4560 @ 3.50GHz	4874	779	48.75	\$99.99*
Intel Pentium G4560T @ 2.90GHz	4047	932	40.48	\$99.99
Intel Pentium G4600 @ 3.60GHz	5095	733	50.96	\$99.99
Intel Pentium G4600T @ 3.00GHz	4272	892	42.97	\$99.44*
Intel Pentium G4620 @ 3.70GHz	5205	716	46.72	\$111.42*
Intel Pentium G6950 @ 2.80GHz	1859	1644	46.49	\$39.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G6951 @ 2.80GHz	2140	1515	22.77	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2083	1544	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5236	714	40.94	\$127.90
Intel Pentium Gold G5400T @ 3.10GHz	5048	746	78.89	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5233	715	52.17	\$100.32*
Intel Pentium Gold G5500T @ 3.20GHz	4577	836	61.03	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5707	646	49.74	\$114.74
Intel Pentium III 933S @ 933MHz	238	2678	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2616	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2631	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2575	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2596	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2592	NA	NA
Intel Pentium III Mobile 750MHz	103	2766	NA	NA
Intel Pentium III Mobile 800MHz	182	2731	NA	NA
Intel Pentium III Mobile 866MHz	152	2748	NA	NA
Intel Pentium III Mobile 933MHz	218	2694	7.55	\$28.99*
Intel Pentium III Mobile 1000MHz	245	2668	NA	NA
Intel Pentium III Mobile 1066MHz	246	2667	NA	NA
Intel Pentium III Mobile 1133MHz	251	2662	NA	NA
Intel Pentium III Mobile 1200MHz	243	2675	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1656	NA	NA
Intel Pentium J2900 @ 2.41GHz	1960	1592	NA	NA
Intel Pentium J3710 @ 1.60GHz	1932	1602	NA	NA
Intel Pentium J4205 @ 1.50GHz	2302	1452	NA	NA
Intel Pentium M 1.10GHz	282	2622	NA	NA
Intel Pentium M 1.20GHz	298	2594	NA	NA
Intel Pentium M 1.30GHz	301	2586	NA	NA
Intel Pentium M 1.40GHz	345	2538	NA	NA
Intel Pentium M 1.50GHz	366	2513	NA	NA
Intel Pentium M 1.60GHz	364	2518	NA	NA
Intel Pentium M 1.70GHz	406	2462	NA	NA
Intel Pentium M 1.73GHz	414	2452	NA	NA
Intel Pentium M 1.80GHz	409	2456	NA	NA
Intel Pentium M 1.86GHz	438	2430	NA	NA
Intel Pentium M 2.00GHz	464	2400	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 2.10GHz	448	2417	NA	NA
Intel Pentium M 2.13GHz	505	2362	NA	NA
Intel Pentium M 2.26GHz	509	2360	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2386	NA	NA
Intel Pentium M 900MHz	217	2697	NA	NA
Intel Pentium M 1000MHz	233	2682	NA	NA
Intel Pentium M 1100MHz	259	2652	NA	NA
Intel Pentium M 1200MHz	237	2679	NA	NA
Intel Pentium M 1300MHz	303	2581	NA	NA
Intel Pentium M 1400MHz	321	2560	NA	NA
Intel Pentium M 1500MHz	354	2526	NA	NA
Intel Pentium M 1600MHz	332	2550	NA	NA
Intel Pentium M 1700MHz	376	2498	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium N3510 @ 1.99GHz	1519	1817	NA	NA
Intel Pentium N3520 @ 2.16GHz	1801	1672	NA	NA
Intel Pentium N3530 @ 2.16GHz	1896	1625	NA	NA
Intel Pentium N3540 @ 2.16GHz	1931	1604	7.70	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1836	1658	4.13	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1865	1642	NA	NA
Intel Pentium N4200 @ 1.10GHz	2010	1573	10.23	\$196.49*
Intel Pentium P6000 @ 1.87GHz	1248	1957	NA	NA
Intel Pentium P6100 @ 2.00GHz	1327	1904	110.64	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1348	1894	30.00	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1875	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2920	1235	13.28	\$219.92*
Intel Pentium SU2700 @ 1.30GHz	405	2463	NA	NA
Intel Pentium SU4100 @ 1.30GHz	859	2182	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2190	NA	NA
Intel Pentium T2060 @ 1.60GHz	662	2274	NA	NA
Intel Pentium T2080 @ 1.73GHz	707	2255	4.42	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2252	NA	NA
Intel Pentium T2310 @ 1.46GHz	730	2242	NA	NA
Intel Pentium T2330 @ 1.60GHz	834	2196	NA	NA
Intel Pentium T2370 @ 1.73GHz	842	2192	24.08	\$35.00*
Intel Pentium T2390 @ 1.86GHz	944	2136	NA	NA
Intel Pentium T2410 @ 2.00GHz	996	2099	NA	NA
Intel Pentium T3200 @ 2.00GHz	1032	2073	86.08	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1114	2023	12.39	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1148	2009	95.74	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1234	1963	NA	NA
Intel Pentium T4400 @ 2.20GHz	1281	1935	NA	NA
Intel Pentium T4500 @ 2.30GHz	1336	1901	NA	NA
Intel Pentium U5400 @ 1.20GHz	812	2208	NA	NA
Intel Pentium U5600 @ 1.33GHz	943	2137	NA	NA
Intel T1200 @ 1.50GHz	435	2436	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel T1400 @ 1.73GHz	929	2146	NA	NA
Intel T1500 @ 1.86GHz	940	2139	NA	NA
Intel T2050 @ 2.00GHz	959	2127	NA	NA
Intel Xeon 2.00GHz	233	2681	NA	NA
Intel XEON 2.20GHz	252	2659	NA	NA
Intel Xeon 2.40GHz	276	2634	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2435	NA	NA
Intel Xeon 2.80GHz	400	2474	NA	NA
Intel Xeon 3.00GHz	391	2486	NA	NA
Intel Xeon 3.06GHz	491	2370	NA	NA
Intel Xeon 3.20GHz	461	2405	NA	NA
Intel Xeon 3.40GHz	478	2389	NA	NA
Intel Xeon 3.60GHz	509	2359	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2069	NA	NA
Intel Xeon 3.80GHz	604	2304	0.71	\$851.00*
Intel Xeon 1500MHz	193	2720	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1932	51.31	\$25.04*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3050 @ 2.13GHz	1313	1910	8.32	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1818	9.62	\$157.95*
Intel Xeon 3065 @ 2.33GHz	1520	1813	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1776	1679	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1655	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1797	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2053	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	1958	0.77	\$1,627.85
Intel Xeon 5130 @ 2.00GHz	1378	1878	103.95	\$13.26*
Intel Xeon 5133 @ 2.20GHz	1598	1782	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1759	50.57	\$32.42*
Intel Xeon 5148 @ 2.33GHz	1590	1788	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1747	1693	3.83	\$455.95*
Intel Xeon 5160 @ 3.00GHz	1964	1589	153.27	\$12.82*
Intel Xeon @ 2.20GHz	1902	1616	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5446	681	21.79	\$250.00
Intel Xeon D-1518 @ 2.20GHz	5322	703	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	641	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	524	NA	NA
Intel Xeon D-1528 @ 1.90GHz	7946	433	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	287	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	452	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	227	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11056	207	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	420	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14693	114	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13950	137	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	412	38.22	\$213.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-2143IT @ 2.20GHz	13816	139	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18252	54	10.35	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6073	607	31.97	\$190.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6693	549	20.34	\$329.11
Intel Xeon E3-1220 v3 @ 3.10GHz	7098	511	29.42	\$241.26
Intel Xeon E3-1220 v5 @ 3.00GHz	7745	450	29.07	\$266.47
Intel Xeon E3-1220 v6 @ 3.00GHz	7976	430	37.10	\$214.99
Intel Xeon E3-1220L @ 2.20GHz	3563	1046	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	863	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1533	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5909	622	33.77	\$175.00*
Intel Xeon E3-1225 V2 @ 3.20GHz	6845	533	13.51	\$506.59
Intel Xeon E3-1225 v3 @ 3.20GHz	7208	501	15.73	\$458.34*
Intel Xeon E3-1225 v5 @ 3.30GHz	7810	442	29.14	\$268.05*
Intel Xeon E3-1225 v6 @ 3.30GHz	8294	400	35.30	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7530	468	11.80	\$638.00
Intel Xeon E3-1230 @ 3.20GHz	7848	439	36.50	\$215.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8857	362	25.16	\$352.10
Intel Xeon E3-1230 v3 @ 3.30GHz	9326	321	35.64	\$261.66*
Intel Xeon E3-1230 v5 @ 3.40GHz	9778	283	32.45	\$301.33
Intel Xeon E3-1230 v6 @ 3.50GHz	9704	292	35.94	\$270.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	498	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9626	294	37.25	\$258.44
Intel Xeon E3-1235 @ 3.20GHz	7680	457	31.48	\$244.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	570	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7958	432	32.62	\$244.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9140	332	16.93	\$539.95
Intel Xeon E3-1240 v3 @ 3.40GHz	9673	293	25.17	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10402	234	30.45	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10148	250	35.00	\$289.99
Intel Xeon E3-1240L v3 @ 2.00GHz	7510	469	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	445	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10020	265	12.93	\$775.00
Intel Xeon E3-1245 @ 3.30GHz	8019	425	30.84	\$260.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9118	335	15.01	\$607.59
Intel Xeon E3-1245 v3 @ 3.40GHz	9575	298	28.17	\$339.95*
Intel Xeon E3-1245 v5 @ 3.50GHz	10205	245	29.56	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10535	229	33.99	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9879	276	11.90	\$830.00
Intel Xeon E3-1260L @ 2.40GHz	6534	563	76.32	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10083	257	15.77	\$639.42*
Intel Xeon E3-1265L @ 2.40GHz	6038	610	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7785	446	54.67	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	8722	371	12.29	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	343	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	438	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	376	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8239	403	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9473	306	31.80	\$297.92
Intel Xeon E3-1270 v3 @ 3.50GHz	9890	275	26.73	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10338	240	29.87	\$346.16
Intel Xeon E3-1270 v6 @ 3.80GHz	11135	201	31.82	\$349.99
Intel Xeon E3-1271 v3 @ 3.60GHz	10092	256	11.36	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8348	395	27.46	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9445	311	23.93	\$394.72
Intel Xeon E3-1275 v3 @ 3.50GHz	9891	274	24.67	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10357	238	19.29	\$537.00
Intel Xeon E3-1275 v6 @ 3.80GHz	11099	204	30.16	\$367.97
Intel Xeon E3-1275L v3 @ 2.70GHz	8874	360	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10171	248	8.11	\$1,254.00
Intel Xeon E3-1280 @ 3.50GHz	8473	388	23.03	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9469	307	6.26	\$1,512.82*
Intel Xeon E3-1280 v3 @ 3.60GHz	9747	286	13.98	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	224	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	197	19.74	\$576.00
Intel Xeon E3-1281 v3 @ 3.70GHz	10349	239	11.79	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10359	237	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10641	225	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	188	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	268	12.35	\$808.02
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1285L v4 @ 3.40GHz	11048	208	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	272	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	10129	251	13.09	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	374	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	291	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	513	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8912	357	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9855	278	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	231	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9312	322	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10566	228	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10451	233	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10732	221	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10743	220	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10689	222	24.02	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	491	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	478	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5546	667	33.62	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6165	597	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6420	579	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1607 @ 3.00GHz	5863	626	266.63	\$21.99*
Intel Xeon E5-1607 v2 @ 3.00GHz	6197	594	19.80	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6939	527	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	496	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9065	341	27.48	\$329.93*
Intel Xeon E5-1620 v2 @ 3.70GHz	9453	310	28.74	\$329.00*
Intel Xeon E5-1620 v3 @ 3.50GHz	9758	285	27.20	\$358.70*
Intel Xeon E5-1620 v4 @ 3.50GHz	9972	269	32.59	\$305.95
Intel Xeon E5-1630 v3 @ 3.70GHz	10278	243	17.19	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10302	241	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11745	193	67.12	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12716	167	19.72	\$644.95*
Intel Xeon E5-1650 v3 @ 3.50GHz	13615	150	20.51	\$663.97
Intel Xeon E5-1650 v4 @ 3.60GHz	14226	129	22.58	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12369	176	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13702	144	7.57	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14565	118	9.01	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16192	85	13.17	\$1,229.52
Intel Xeon E5-1680 v2 @ 3.00GHz	16345	77	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16633	72	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	65	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	55	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1057	9.66	\$364.97
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1081	18.09	\$189.00
Intel Xeon E5-2407 @ 2.20GHz	3944	958	11.77	\$335.04
Intel Xeon E5-2407 v2 @ 2.40GHz	4575	837	9.61	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	717	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	516	18.06	\$390.02
Intel Xeon E5-2420 v2 @ 2.20GHz	8629	383	14.88	\$579.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2430 @ 2.20GHz	6878	532	9.44	\$728.95
Intel Xeon E5-2430 v2 @ 2.50GHz	8833	365	15.77	\$559.99
Intel Xeon E5-2430L @ 2.00GHz	7269	495	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	555	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	328	209.94	\$43.72
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	312	18.48	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	352	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	247	14.10	\$722.22*
Intel Xeon E5-2450L @ 1.80GHz	8261	402	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	10061	261	31.77	\$316.72*
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	163	5.70	\$2,250.00*
Intel Xeon E5-2603 @ 1.80GHz	3580	1042	128.62	\$27.84*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	997	100.38	\$37.52
Intel Xeon E5-2603 v3 @ 1.60GHz	5165	721	14.47	\$356.89
Intel Xeon E5-2603 v4 @ 1.70GHz	5451	679	23.70	\$229.99*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	437	17.82	\$441.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2609 @ 2.40GHz	4608	827	59.08	\$78.00*
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	723	10.10	\$509.95*
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	619	9.60	\$618.71
Intel Xeon E5-2609 v4 @ 1.70GHz	6917	529	19.23	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	181	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	117	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7925	435	228.74	\$34.65
Intel Xeon E5-2620 v2 @ 2.10GHz	8702	373	204.33	\$42.59
Intel Xeon E5-2620 v3 @ 2.40GHz	10024	264	14.11	\$710.54*
Intel Xeon E5-2620 v4 @ 2.10GHz	11364	198	25.71	\$442.00
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	356	22.07	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8208	405	14.95	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	317	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	187	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13268	157	9.73	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	210	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8859	361	69.32	\$127.81
Intel Xeon E5-2630 v2 @ 2.60GHz	10401	235	165.16	\$62.98
Intel Xeon E5-2630 v3 @ 2.40GHz	12801	165	26.18	\$489.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13893	138	19.70	\$705.22
Intel Xeon E5-2630L @ 2.00GHz	8001	427	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9542	300	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9476	305	12.60	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	162	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9406	316	13.27	\$709.00
Intel Xeon E5-2637 v3 @ 3.50GHz	10128	252	7.82	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	232	9.83	\$1,064.99
Intel Xeon E5-2640 @ 2.50GHz	9512	302	48.78	\$195.01
Intel Xeon E5-2640 v2 @ 2.00GHz	9904	271	102.81	\$96.34
Intel Xeon E5-2640 v3 @ 2.60GHz	13978	136	7.87	\$1,777.20*
Intel Xeon E5-2640 v4 @ 2.40GHz	15331	103	16.36	\$937.00
Intel Xeon E5-2643 @ 3.30GHz	8423	391	3.16	\$2,664.00
Intel Xeon E5-2643 v2 @ 3.50GHz	12824	164	4.85	\$2,641.75*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2643 v3 @ 3.40GHz	13801	140	18.16	\$760.10
Intel Xeon E5-2643 v4 @ 3.40GHz	13618	149	8.31	\$1,638.36
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	196	8.38	\$1,360.26*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	146	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14506	120	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10149	249	77.82	\$130.43
Intel Xeon E5-2650 v2 @ 2.60GHz	13074	159	40.14	\$325.71
Intel Xeon E5-2650 v3 @ 2.30GHz	14841	112	7.38	\$2,009.92
Intel Xeon E5-2650 v4 @ 2.20GHz	15860	94	12.40	\$1,279.07*
Intel Xeon E5-2650L @ 1.80GHz	8676	379	54.26	\$159.90*
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	152	13.38	\$1,010.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	133	9.42	\$1,496.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	199	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	303	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	132	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	84	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	71	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11098	205	108.81	\$102.00
Intel Xeon E5-2660 v2 @ 2.20GHz	13433	155	44.11	\$304.54
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	86	8.95	\$1,808.95*
Intel Xeon E5-2660 v4 @ 2.00GHz	17069	67	9.70	\$1,760.00*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	135	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11599	195	81.97	\$141.50*
Intel Xeon E5-2667 @ 2.90GHz	10367	236	45.87	\$226.00*
Intel Xeon E5-2667 v2 @ 3.30GHz	16178	87	21.19	\$763.56
Intel Xeon E5-2667 v3 @ 3.20GHz	16119	88	7.13	\$2,259.95*
Intel Xeon E5-2667 v4 @ 3.20GHz	16447	76	7.44	\$2,209.90
Intel Xeon E5-2670 @ 2.60GHz	12157	182	126.01	\$96.48
Intel Xeon E5-2670 v2 @ 2.50GHz	14994	111	30.66	\$489.00*
Intel Xeon E5-2670 v3 @ 2.30GHz	16331	79	10.39	\$1,572.00
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	81	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	17071	66	24.39	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21450	25	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15156	105	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17659	60	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	69	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25236	8	9.34	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12638	170	113.00	\$111.84
Intel Xeon E5-2680 v2 @ 2.80GHz	15783	98	39.35	\$401.11
Intel Xeon E5-2680 v3 @ 2.50GHz	18623	48	9.27	\$2,008.95
Intel Xeon E5-2680 v4 @ 2.40GHz	19867	40	11.27	\$1,762.90*
Intel Xeon E5-2682 v4 @ 2.50GHz	20894	31	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17404	63	8.77	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	46	9.12	\$2,087.49
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	110	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	45	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14381	124	5.45	\$2,636.50
Intel Xeon E5-2687W v2 @ 3.40GHz	16487	75	7.83	\$2,104.47
Intel Xeon E5-2687W v3 @ 3.10GHz	17720	58	5.89	\$3,009.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2687W v4 @ 3.00GHz	19933	38	8.64	\$2,307.31*
Intel Xeon E5-2689 @ 2.60GHz	13476	154	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19892	39	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13722	143	86.31	\$159.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16488	74	37.90	\$435.00
Intel Xeon E5-2690 v3 @ 2.60GHz	19295	44	8.71	\$2,215.86
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	28	9.07	\$2,350.88*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	89	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2695 v2 @ 2.40GHz	15847	96	8.90	\$1,779.95
Intel Xeon E5-2695 v3 @ 2.30GHz	20081	35	9.99	\$2,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	33	7.87	\$2,573.17*
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	73	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*
Intel Xeon E5-2697 v2 @ 2.70GHz	17461	62	7.81	\$2,235.02
Intel Xeon E5-2697 v3 @ 2.60GHz	21365	26	7.89	\$2,708.95
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	23	7.67	\$2,805.00
Intel Xeon E5-2697A v4 @ 2.60GHz	21875	20	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21133	29	6.17	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	21	6.77	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22358	17	4.96	\$4,505.95
Intel Xeon E5-2699 v4 @ 2.20GHz	23200	15	4.73	\$4,909.95
Intel Xeon E5-4603 @ 2.00GHz	5014	753	2.65	\$1,890.99*
Intel Xeon E5-4617 @ 2.90GHz	8684	378	96.60	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	414	43.00	\$189.00
Intel Xeon E5-4627 v3 @ 2.60GHz	14221	130	5.93	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	100	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	230	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	168	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	206	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	12117	183	126.89	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	191	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	177	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	93	5.30	\$3,000.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15556	99	3.24	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	148	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1169	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2165	1507	94.20	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1403	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1481	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1864	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1405	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1472	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1458	8.48	\$269.95*
Intel Xeon E5335 @ 2.00GHz	2513	1374	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2923	1234	73.12	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2856	1259	10.20	\$279.95*
Intel Xeon E5410 @ 2.33GHz	3265	1118	15.78	\$207.01*
Intel Xeon E5420 @ 2.50GHz	3502	1060	13.47	\$259.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5430 @ 2.66GHz	3776	994	104.91	\$36.00*
Intel Xeon E5440 @ 2.83GHz	3974	949	33.14	\$119.95*
Intel Xeon E5450 @ 3.00GHz	4202	906	18.28	\$229.95*
Intel Xeon E5462 @ 2.80GHz	3885	968	142.34	\$27.30*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5472 @ 3.00GHz	4135	922	75.47	\$54.80*
Intel Xeon E5502 @ 1.87GHz	1378	1877	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1867	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2702	1310	38.63	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2977	1216	43.16	\$69.00*
Intel Xeon E5507 @ 2.27GHz	3137	1164	6.87	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4447	857	104.92	\$42.39*
Intel Xeon E5530 @ 2.40GHz	4605	828	153.53	\$30.00*
Intel Xeon E5540 @ 2.53GHz	4758	799	135.97	\$35.00*
Intel Xeon E5603 @ 1.60GHz	2366	1429	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3049	1193	13.92	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3397	1089	10.96	\$310.00*
Intel Xeon E5620 @ 2.40GHz	4860	782	70.44	\$69.00
Intel Xeon E5630 @ 2.53GHz	5088	737	83.31	\$61.07*
Intel Xeon E5640 @ 2.67GHz	5263	711	88.47	\$59.49*
Intel Xeon E5645 @ 2.40GHz	6484	568	27.02	\$239.95
Intel Xeon E5649 @ 2.53GHz	6936	528	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1408	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	440	40.54	\$193.00*
Intel Xeon E-2146G @ 3.50GHz	16300	83	52.41	\$311.00*
Intel Xeon E-2174G @ 3.80GHz	12108	184	36.92	\$328.00*
Intel Xeon E-2176G @ 3.70GHz	14409	123	39.81	\$362.00*
Intel Xeon E-2176M @ 2.70GHz	14055	134	31.23	\$450.00*
Intel Xeon E-2186M @ 2.90GHz	14346	126	23.03	\$623.00*
Intel Xeon Gold 5118 @ 2.30GHz	15985	90	11.86	\$1,348.00*
Intel Xeon Gold 5120 @ 2.20GHz	16308	82	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	56	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	11104	203	8.63	\$1,287.00
Intel Xeon Gold 6126 @ 2.60GHz	19711	41	10.26	\$1,920.73
Intel Xeon Gold 6128 @ 3.40GHz	15022	109	8.15	\$1,842.27*
Intel Xeon Gold 6130 @ 2.10GHz	20222	34	10.41	\$1,941.99
Intel Xeon Gold 6132 @ 2.60GHz	23907	13	10.71	\$2,232.81*
Intel Xeon Gold 6134 @ 3.20GHz	18083	57	8.38	\$2,159.00
Intel Xeon Gold 6136 @ 3.00GHz	21018	30	7.85	\$2,677.82
Intel Xeon Gold 6138 @ 2.00GHz	25416	7	9.48	\$2,679.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	12	9.25	\$2,589.99*
Intel Xeon Gold 6144 @ 3.50GHz	19654	43	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	9	6.96	\$3,611.23*
Intel Xeon Gold 6154 @ 3.00GHz	27722	3	7.28	\$3,809.00
Intel Xeon L3110 @ 3.00GHz	2273	1468	NA	NA
Intel Xeon L3360 @ 2.83GHz	3820	981	42.81	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1899	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	974	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1663	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1469	72.33	\$31.40*
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 Xeon L5310 @ 1.60GHz	2274	1467	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1518	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1295	72.15	\$38.20*
Intel Xeon L5408 @ 2.13GHz	3037	1195	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1097	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3499	1061	127.24	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3716	1009	23.53	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1010	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	870	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	880	311.73	\$13.96*
Intel Xeon L5630 @ 2.13GHz	4369	876	252.11	\$17.33*
Intel Xeon L5638 @ 2.00GHz	5556	666	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	534	NA	NA
Intel Xeon L5640 @ 2.27GHz	6405	581	184.32	\$34.75*
Intel Xeon L7455 @ 2.13GHz	3836	976	NA	NA
Intel Xeon MV 3.20GHz	683	2268	NA	NA
Intel Xeon Platinum 8173M @ 2.00GHz	28860	1	NA	NA
Intel Xeon Silver 4109T @ 2.00GHz	10854	215	21.67	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11945	190	22.00	\$542.99
Intel Xeon Silver 4112 @ 2.60GHz	8607	384	16.26	\$529.21*
Intel Xeon Silver 4114 @ 2.20GHz	14493	122	19.38	\$747.86
Intel Xeon Silver 4116 @ 2.10GHz	15088	107	13.46	\$1,121.16*
Intel Xeon Silver 4123 @ 3.00GHz	15185	104	NA	NA
Intel Xeon W3503 @ 2.40GHz	1756	1689	108.30	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1858	1645	NA	NA
Intel Xeon W3520 @ 2.67GHz	5059	743	175.98	\$28.75*
Intel Xeon W3530 @ 2.80GHz	5359	696	18.23	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	674	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5696	648	95.02	\$59.95*
Intel Xeon W3565 @ 3.20GHz	5943	617	84.97	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6084	605	12.68	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6433	575	29.99	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8152	411	14.43	\$565.00*
Intel Xeon W3680 @ 3.33GHz	9089	340	11.96	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9178	329	9.18	\$1,000.00*
Intel Xeon W5580 @ 3.20GHz	5836	633	54.53	\$107.03
Intel Xeon W5590 @ 3.33GHz	6183	595	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	7001	520	20.72	\$337.99*
Intel Xeon W-2104 @ 3.20GHz	7782	447	30.52	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10753	218	32.10	\$334.96
Intel Xeon W-2125 @ 4.00GHz	12389	175	25.21	\$491.53*
Intel Xeon W-2133 @ 3.60GHz	14157	131	22.95	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16324	80	17.84	\$915.15*
Intel Xeon W-2140B @ 3.20GHz	18472	53	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19679	42	16.25	\$1,210.79
Intel Xeon W-2150B @ 3.00GHz	21522	24	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21790	22	14.24	\$1,530.39*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2195 @ 2.30GHz	24983	10	9.17	\$2,725.06*
Intel Xeon X3210 @ 2.13GHz	2737	1301	14.74	\$185.71*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3220 @ 2.40GHz	3091	1177	53.32	\$57.99*
Intel Xeon X3230 @ 2.66GHz	3425	1079	9.52	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3310	1111	14.43	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3155	1160	162.97	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3375	1096	16.08	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3847	972	64.14	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3881	969	52.81	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3955	954	25.04	\$157.95*
Intel Xeon X3363 @ 2.83GHz	4008	942	25.38	\$157.95*
Intel Xeon X3370 @ 3.00GHz	4286	891	11.68	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	812	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3364	1098	159.83	\$21.05*
Intel Xeon X3440 @ 2.53GHz	4549	843	20.22	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4817	791	60.25	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5117	727	14.33	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5123	726	10.05	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	653	NA	NA
Intel Xeon X5260 @ 3.33GHz	2453	1395	17.62	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2535	1364	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1416	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3218	1136	10.38	\$309.95*
Intel Xeon X5365 @ 3.00GHz	3491	1063	35.09	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4122	925	82.47	\$49.99*
Intel Xeon X5460 @ 3.16GHz	4338	882	90.38	\$48.00*
Intel Xeon X5470 @ 3.33GHz	4600	830	24.34	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4040	934	17.96	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4569	838	45.70	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4844	787	3.48	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5404	689	312.95	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5399	690	93.17	\$57.95*
Intel Xeon X5570 @ 2.93GHz	5679	650	63.81	\$89.00*
Intel Xeon X5647 @ 2.93GHz	5980	614	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7415	482	247.92	\$29.91
Intel Xeon X5660 @ 2.80GHz	7622	464	67.51	\$112.91
Intel Xeon X5667 @ 3.07GHz	4722	803	67.47	\$70.00*
Intel Xeon X5670 @ 2.93GHz	7931	434	119.10	\$66.59
Intel Xeon X5672 @ 3.20GHz	6438	572	22.69	\$283.72*
Intel Xeon X5675 @ 3.07GHz	8345	396	104.33	\$79.99
Intel Xeon X5677 @ 3.47GHz	7000	521	66.67	\$105.00*
Intel Xeon X5679 @ 3.20GHz	8845	363	NA	NA
Intel Xeon X5680 @ 3.33GHz	8562	386	52.99	\$161.60
Intel Xeon X5687 @ 3.60GHz	7091	512	137.27	\$51.66
Intel Xeon X5690 @ 3.47GHz	8945	355	60.04	\$149.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5698 @ 4.40GHz	4272	893	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1215	NA	NA
Mobile AMD Athlon 4	314	2569	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2523	NA	NA
Mobile AMD Athlon 64 2700+	398	2476	NA	NA
Mobile AMD Athlon 64 2800+	440	2425	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon 64 3000+	450	2415	NA	NA
Mobile AMD Athlon 64 3200+	448	2418	NA	NA
Mobile AMD Athlon 64 3400+	511	2357	NA	NA
Mobile AMD Athlon 64 3700+	435	2437	NA	NA
Mobile AMD Athlon 64 4000+	576	2318	NA	NA
Mobile AMD Athlon 1400+	266	2645	NA	NA
Mobile AMD Athlon 2500+	370	2507	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2646	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2495	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2600	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2368	NA	NA
Mobile AMD Athlon XP	572	2323	45.81	\$12.49*
Mobile AMD Athlon XP-M	512	2356	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2729	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2649	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2653	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2557	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2595	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2542	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2588	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2517	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2537	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2534	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2506	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2515	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2514	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2428	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2376	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2361	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2607	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2599	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2547	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2504	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2392	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2363	NA	NA
Mobile AMD Sempron 2100+	252	2660	NA	NA
Mobile AMD Sempron 2600+	394	2481	NA	NA
Mobile AMD Sempron 2800+	361	2520	NA	NA
Mobile AMD Sempron 3000+	389	2489	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Sempron 3100+	416	2449	NA	NA
Mobile AMD Sempron 3200+	354	2527	NA	NA
Mobile AMD Sempron 3300+	445	2421	NA	NA
Mobile AMD Sempron 3400+	440	2426	NA	NA
Mobile AMD Sempron 3500+	411	2454	NA	NA
Mobile AMD Sempron 3600+	431	2442	NA	NA
Mobile AMD Sempron 3800+	485	2382	NA	NA
Mobile Intel Celeron 1.20GHz	170	2739	NA	NA
Mobile Intel Celeron 1.50GHz	188	2723	NA	NA
Mobile Intel Celeron 1.60GHz	188	2724	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 1.70GHz	181	2732	NA	NA
Mobile Intel Celeron 1.80GHz	186	2726	NA	NA
Mobile Intel Celeron 2.00GHz	204	2708	NA	NA
Mobile Intel Celeron 2.20GHz	226	2688	NA	NA
Mobile Intel Celeron 2.40GHz	239	2676	NA	NA
Mobile Intel Celeron 2.50GHz	281	2625	NA	NA
Mobile Intel Celeron 1200MHz	294	2601	NA	NA
Mobile Intel Celeron 1333MHz	280	2628	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2633	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2648	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2630	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2567	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2545	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2524	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2429	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2390	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2718	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2738	0.75	\$232.00
Mobile Intel Pentium 4 - M 1.80GHz	175	2735	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2683	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2713	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2715	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2699	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2655	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2570	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2702	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2714	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2664	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2605	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2689	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2606	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1382	NA	NA
Quad-Core AMD Opteron 1385	3442	1076	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3427	1078	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1233	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA C3 Ezra	100	2767	NA	NA
VIA C7 1500MHz	284	2617	NA	NA
VIA C7-D 1500MHz	287	2613	NA	NA
VIA C7-D 1800MHz	203	2709	NA	NA
VIA C7-D 2000MHz	368	2510	NA	NA
VIA C7-M 1000MHz	164	2741	NA	NA
VIA C7-M 1200MHz	140	2754	NA	NA
VIA C7-M 1600MHz	178	2734	NA	NA
VIA C7-M 6300MHz	222	2691	NA	NA
VIA Eden 800MHz	155	2745	NA	NA
VIA Eden 1000MHz	123	2762	NA	NA
VIA Eden 1200MHz	142	2753	NA	NA
VIA Eden C1050@1.06GHz	352	2530	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2388	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Eden X4 C4250 @ 1.2+GHz	1147	2011	NA	NA
VIA Esther 1000MHz	146	2752	NA	NA
VIA Esther 1300MHz	250	2663	NA	NA
VIA Esther 1500MHz	219	2693	NA	NA
VIA Esther 2000MHz	394	2480	NA	NA
VIA Nano L1900@1400MHz	457	2408	NA	NA
VIA Nano L2007@1600MHz	369	2508	NA	NA
VIA Nano L2100@1800MHz	428	2444	NA	NA
VIA Nano L2207@1600MHz	296	2598	NA	NA
VIA Nano L3025@1600MHz	517	2351	NA	NA
VIA Nano L3050@1800MHz	581	2316	NA	NA
VIA Nano L3600@2000MHz	645	2282	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2497	NA	NA
VIA Nano U2250@1300+MHz	274	2637	NA	NA
VIA Nano U2500@1200MHz	306	2579	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2365	NA	NA
VIA Nano U3300@1200MHz	409	2455	NA	NA
VIA Nano U3500@1000MHz	275	2635	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2302	NA	NA
VIA Nehemiah	155	2746	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1624	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1885	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1993	NA	NA
VIA Samuel 2	79	2769	NA	NA

* - Last price seen from our affiliates.

Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	278	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	112	100.33	\$176.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Athlon 64 FX-72	3163	380	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	386	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	432	NA	NA
[Dual CPU] AMD EPYC 7281	12720	163	9.18	\$1,386.22
[Dual CPU] AMD EPYC 7401	23518	58	5.25	\$4,480.00
[Dual CPU] AMD EPYC 7451	28957	26	4.33	\$6,694.04
[Dual CPU] AMD EPYC 7501	26884	35	3.06	\$8,779.74
[Dual CPU] AMD EPYC 7551	30966	19	4.06	\$7,627.98
[Dual CPU] AMD EPYC 7601	33545	13	3.65	\$9,194.78
[Dual CPU] AMD Opteron 246	1130	421	28.26	\$39.98
[Dual CPU] AMD Opteron 248	1053	422	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	418	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1385	419	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	427	NA	NA
[Dual CPU] AMD Opteron 256	1853	415	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	413	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	409	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	412	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	404	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	395	NA	NA
[Dual CPU] AMD Opteron 290	2807	392	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	390	NA	NA
[Dual CPU] AMD Opteron 2212	2203	410	91.79	\$24.00*
[Dual CPU] AMD Opteron 2214	2344	405	40.41	\$58.00
[Dual CPU] AMD Opteron 2214 HE	2463	402	NA	NA
[Dual CPU] AMD Opteron 2216	2485	401	6.98	\$356.00*
[Dual CPU] AMD Opteron 2216 HE	2593	398	NA	NA
[Dual CPU] AMD Opteron 2218	2719	396	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	399	NA	NA
[Dual CPU] AMD Opteron 2220	2853	389	0.97	\$2,950.32*
[Dual CPU] AMD Opteron 2220 SE	2882	388	57.64	\$50.00
[Dual CPU] AMD Opteron 2222	3015	383	0.91	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	378	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	368	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	375	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	369	7.55	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	357	6.88	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	360	148.53	\$29.90
[Dual CPU] AMD Opteron 2360 SE	5315	340	98.43	\$54.00
[Dual CPU] AMD Opteron 2373 EE	4164	366	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	353	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	341	15.70	\$333.60*
[Dual CPU] AMD Opteron 2378	5318	339	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	327	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	324	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6320	313	NA	NA
[Dual CPU] AMD Opteron 2389	5677	328	48.11	\$118.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2419	5191	343	216.47	\$23.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2425 HE	6209	316	NA	NA
[Dual CPU] AMD Opteron 2427	5980	322	30.20	\$198.00
[Dual CPU] AMD Opteron 2431	6438	308	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7068	293	29.35	\$240.80*
[Dual CPU] AMD Opteron 2439 SE	8071	265	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	370	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	330	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	311	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	309	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7848	270	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	263	80.90	\$99.98
[Dual CPU] AMD Opteron 4228 HE	7986	266	NA	NA
[Dual CPU] AMD Opteron 4234	9361	231	20.35	\$459.98
[Dual CPU] AMD Opteron 4276 HE	9681	225	NA	NA
[Dual CPU] AMD Opteron 4280	4525	358	45.26	\$99.98
[Dual CPU] AMD Opteron 4284	8772	244	73.11	\$119.98
[Dual CPU] AMD Opteron 4334	9456	230	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	203	21.71	\$479.98
[Dual CPU] AMD Opteron 4376 HE	10244	210	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	192	40.57	\$279.98
[Dual CPU] AMD Opteron 6128	6881	298	163.91	\$41.98
[Dual CPU] AMD Opteron 6128 HE	5582	333	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	247	NA	NA
[Dual CPU] AMD Opteron 6134	7586	280	11.53	\$658.00
[Dual CPU] AMD Opteron 6136	7255	287	10.10	\$718.00*
[Dual CPU] AMD Opteron 6164 HE	5109	346	NA	NA
[Dual CPU] AMD Opteron 6168	7741	275	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7623	279	38.50	\$198.00
[Dual CPU] AMD Opteron 6174	8567	250	23.03	\$371.98
[Dual CPU] AMD Opteron 6176 SE	8448	253	15.30	\$552.02
[Dual CPU] AMD Opteron 6180 SE	3114	381	NA	NA
[Dual CPU] AMD Opteron 6204	7134	290	50.96	\$139.98
[Dual CPU] AMD Opteron 6212	8955	237	149.30	\$59.98
[Dual CPU] AMD Opteron 6220	10740	199	89.51	\$119.98
[Dual CPU] AMD Opteron 6234	10079	214	72.00	\$139.98*
[Dual CPU] AMD Opteron 6238	10349	205	86.26	\$119.98
[Dual CPU] AMD Opteron 6272	9998	217	7.59	\$1,317.78
[Dual CPU] AMD Opteron 6274	10682	200	25.43	\$420.00*
[Dual CPU] AMD Opteron 6275	9936	220	NA	NA
[Dual CPU] AMD Opteron 6276	10194	212	63.72	\$159.98
[Dual CPU] AMD Opteron 6284 SE	11985	178	17.12	\$699.98
[Dual CPU] AMD Opteron 6308	8351	255	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10914	197	27.29	\$399.98
[Dual CPU] AMD Opteron 6328	11722	181	29.31	\$399.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6344	11203	193	13.83	\$809.96
[Dual CPU] AMD Opteron 6348	11412	188	28.53	\$399.98
[Dual CPU] AMD Opteron 6376	10405	204	80.04	\$130.00
[Dual CPU] AMD Opteron 6378	2905	387	7.26	\$399.98
[Dual CPU] AMD Opteron 6380	14200	149	78.90	\$179.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6386 SE	10764	198	35.88	\$299.98
[Dual CPU] AMD Opteron 8218	2831	391	67.40	\$42.00
[Dual CPU] AMD Opteron 8220	2510	400	NA	NA
[Dual CPU] AMD Opteron 8222 SE	2793	394	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	379	73.25	\$44.00
[Dual CPU] AMD Opteron 8380	5643	331	13.70	\$412.00*
[Dual CPU] AMD Opteron 8381 HE	5210	342	NA	NA
[Dual CPU] AMD Opteron 8389	6517	305	155.24	\$41.98*
[Dual CPU] AMD Opteron 8431	5813	325	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6785	301	47.12	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	277	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	420	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	407	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	374	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	268	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	441	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	439	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	435	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	437	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	442	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	443	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	440	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	438	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	433	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	687	429	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	784	428	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	431	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	857	426	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	425	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	424	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	414	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	423	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2154	411	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	406	0.71	\$3,255.70
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2615	397	98.60	\$26.52*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	382	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2984	385	46.02	\$64.84*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	384	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3441	376	3.77	\$911.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3834	372	149.53	\$25.64*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8987	235	17.97	\$500.00
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11646	184	15.32	\$759.98*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	317	8.50	\$729.94
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	314	16.68	\$378.00
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7486	282	11.17	\$670.08
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	234	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11628	186	14.91	\$780.04
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11738	180	10.12	\$1,159.90*
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	258	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	154	9.35	\$1,457.90
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	14171	150	12.65	\$1,119.98
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	190	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	169	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	162	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	152	9.50	\$1,444.44*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	123	18.86	\$878.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	182	45.06	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	122	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	105	4.13	\$4,500.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6326	312	113.61	\$55.68*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	304	86.89	\$75.04
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8385	254	11.75	\$713.78
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8775	243	19.08	\$459.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8214	261	52.65	\$156.00*
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8871	240	8.70	\$1,019.90*
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9984	218	8.07	\$1,237.42
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10992	196	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12369	167	178.48	\$69.30
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13400	160	157.31	\$85.18
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15282	137	10.75	\$1,421.08*
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16474	124	18.64	\$884.00
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14251	148	17.59	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12367	168	11.26	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	145	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13598	159	53.20	\$255.62
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16034	128	127.29	\$125.96
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18537	106	18.95	\$978.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18878	104	13.38	\$1,410.44
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	194	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	155	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	138	10.10	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	285	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	16019	130	11.30	\$1,418.00
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16437	125	6.34	\$2,591.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16656	121	7.82	\$2,129.98
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14682	142	37.64	\$390.02
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14511	146	75.31	\$192.68
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20164	92	5.67	\$3,554.40*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20786	86	11.09	\$1,874.00
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13640	153	2.56	\$5,328.00
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21267	79	4.03	\$5,283.50*
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21083	81	13.87	\$1,520.20
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21566	75	6.58	\$3,276.72
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	172	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	11808	179	3.99	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	110	6.65	\$2,720.52*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15001	139	57.51	\$260.86
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19028	103	29.21	\$651.42
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20451	90	5.09	\$4,019.84
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20439	91	7.99	\$2,558.14*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	147	44.98	\$319.80*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14703	141	24.58	\$598.10
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	85	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13319	161	4.56	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18096	109	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	100	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16343	126	80.11	\$204.00
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18077	111	29.68	\$609.08
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22617	69	6.25	\$3,617.90*
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23128	64	6.57	\$3,520.00*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	63	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17470	114	61.73	\$283.00*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	47	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17003	117	37.62	\$452.00*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22824	68	14.95	\$1,527.12
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23109	65	5.11	\$4,519.90*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23927	54	5.41	\$4,419.80
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18239	107	94.52	\$192.96
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20997	83	21.47	\$978.00*
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	72	7.12	\$3,144.00
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23547	57	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	62	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	24	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	93	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	76	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	23	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18209	108	81.41	\$223.68
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21448	77	26.74	\$802.22
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24798	49	6.17	\$4,017.90

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	60	6.63	\$3,525.80*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	118	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21061	82	5.31	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	46	5.99	\$4,174.98
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	73	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	36	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20978	84	3.98	\$5,273.00
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23284	61	5.53	\$4,208.94
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24146	52	4.01	\$6,019.90
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26639	37	5.77	\$4,614.62*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	96	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	40	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19921	95	62.64	\$318.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23736	56	27.28	\$870.00
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25757	44	5.81	\$4,431.72
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27561	33	5.86	\$4,701.76*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20710	88	5.82	\$3,559.90
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	48	6.18	\$4,019.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	45	4.98	\$5,146.34*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23914	55	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	21	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31528	17	5.24	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23437	59	5.24	\$4,470.04
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28246	30	5.21	\$5,417.90
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30520	20	5.44	\$5,610.00
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	31	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29958	22	4.37	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	15	5.00	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	53	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26333	39	2.92	\$9,011.90
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	12	3.46	\$9,819.90
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	89	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	99	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	132	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	101	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	97	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19127	102	100.15	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	140	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	201	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	70	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	173	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	133	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	71	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	176	1.42	\$8,454.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15488	134	33.24	\$466.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	216	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	408	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	371	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3566	373	36.39	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4147	367	7.68	\$539.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	349	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4593	356	129.23	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5130	345	64.14	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5180	344	9.25	\$559.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6027	320	14.56	\$414.02*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6363	310	12.24	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6860	300	95.28	\$72.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7169	289	29.88	\$239.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7559	281	16.44	\$459.90*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7117	291	130.35	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7836	272	71.50	\$109.60*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	403	12.93	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	393	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4891	350	34.96	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5008	348	36.29	\$138.00*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5434	336	5.95	\$913.82*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7425	284	87.58	\$84.78*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	276	128.40	\$60.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	271	112.11	\$70.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4236	364	16.41	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5553	334	12.68	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5992	321	9.66	\$620.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8083	264	58.57	\$138.00
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8326	256	68.17	\$122.14*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8790	242	73.88	\$118.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10323	207	21.51	\$479.90
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10296	208	44.77	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	335	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	338	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	21833	74	7.99	\$2,731.06*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	51	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	80	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	20751	87	7.70	\$2,696.00*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25997	43	8.33	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17491	113	6.80	\$2,574.00
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27757	32	7.23	\$3,841.46
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22869	67	6.21	\$3,684.54*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	23057	66	5.94	\$3,883.98
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	26117	42	5.85	\$4,465.62*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	26525	38	6.14	\$4,318.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	28778	29	5.37	\$5,355.64
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35063	10	6.54	\$5,359.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	33297	14	6.43	\$5,179.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	28	4.96	\$5,810.52
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28886	27	4.94	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	28993	25	4.01	\$7,222.46*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36272	5	5.90	\$6,144.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	18	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35368	9	4.70	\$7,519.98*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36493	4	4.79	\$7,618.00
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	359	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	363	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	351	64.02	\$76.40*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	332	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	318	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	307	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6600	302	20.89	\$315.90*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	297	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	296	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	267	284.35	\$27.92*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	295	202.14	\$34.66*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	238	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	226	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9700	224	139.57	\$69.50*
[Dual CPU] Intel Xeon MP 2.50GHz	550	434	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 MP 2.70GHz	539	436	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	430	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	416	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	35823	7	2.32	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	38975	3	3.31	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	8	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	35981	6	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	34585	11	1.73	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	16342	127	17.02	\$959.98*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16810	120	15.48	\$1,085.98
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	157	12.86	\$1,058.42*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19569	98	13.08	\$1,495.72
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	19929	94	8.89	\$2,242.32*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	213	47.23	\$214.06
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	206	2.06	\$5,017.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	209	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4768	354	17.12	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	355	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	352	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5776	326	9.32	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6232	315	31.32	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7474	283	74.75	\$99.98*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7850	269	81.77	\$96.00*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8174	262	21.62	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7780	273	17.29	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8222	260	41.11	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8722	245	3.13	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8971	236	259.73	\$34.54*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	232	78.38	\$115.90*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9533	229	53.56	\$178.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	221	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11363	191	189.95	\$59.82
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11666	183	51.66	\$225.82
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	241	62.98	\$140.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12325	170	92.54	\$133.18
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	215	17.76	\$567.44*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12619	165	78.88	\$159.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11406	189	54.31	\$210.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	156	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13607	158	42.10	\$323.20
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11998	177	116.12	\$103.32
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13807	151	46.33	\$298.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	252	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	303	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	246	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	219	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	185	264.34	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	365	59.59	\$70.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	347	15.28	\$330.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Quad-Core AMD Opteron 8350	4290	362	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	361	199.09	\$21.98*
[Dual CPU] Quad-Core AMD Opteron 8378	5382	337	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	299	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	329	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	323	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	257	NA	NA
[Quad CPU] AMD Opteron 6136	9767	222	6.80	\$1,436.00*
[Quad CPU] AMD Opteron 6174	8594	249	11.55	\$743.96
[Quad CPU] AMD Opteron 6272	12292	171	4.66	\$2,635.56
[Quad CPU] AMD Opteron 6274	10488	202	12.49	\$840.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 6276	15342	136	47.95	\$319.96
[Quad CPU] AMD Opteron 6278	12055	175	23.18	\$519.96
[Quad CPU] AMD Opteron 6282 SE	11044	195	21.24	\$519.96
[Quad CPU] AMD Opteron 6376	14681	143	56.47	\$260.00
[Quad CPU] AMD Opteron 6380	12442	166	34.56	\$359.96
[Quad CPU] AMD Opteron 8360 SE	6490	306	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	319	NA	NA
[Quad CPU] AMD Opteron 8382	8553	251	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	286	NA	NA
[Quad CPU] AMD Opteron 8431	8252	259	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	292	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	239	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	417	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	377	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	119	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	131	21.06	\$756.00
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	50	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	78	55.95	\$381.96*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	129	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	16	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	116	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	115	131.38	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14622	144	15.69	\$932.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	164	15.87	\$799.96*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	294	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	274	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	211	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	227	40.56	\$236.00
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	233	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	41	5.08	\$5,148.00
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	2	2.71	\$15,039.96*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	223	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	1	1.10	\$40,060.00*
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	228	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12068	174	4.26	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	248	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	187	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	135	175.16	\$88.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Quad-Core AMD Opteron 8356	7170	288	163.10	\$43.96*

* - Last price seen from our affiliates.

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