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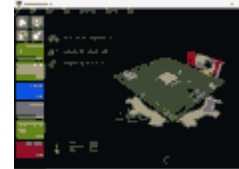
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CPU List

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

How does your CPU compare?

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Single CPU Systems

Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2505	NA	NA
AMD A4 Micro-6400T APU	1544	1695	NA	NA
AMD A4 PRO-3340B	2402	1317	NA	NA
AMD A4 PRO-7300B APU	2342	1336	NA	NA
AMD A4 PRO-7350B	2794	1189	NA	NA
AMD A4-1200 APU	640	2182	NA	NA
AMD A4-1250 APU	609	2195	NA	NA
AMD A4-3300 APU	1506	1716	115.98	\$12.99
AMD A4-3300M APU	1183	1882	39.47	\$29.99*
AMD A4-3305M APU	1224	1861	40.83	\$30.00*
AMD A4-3310MX APU	1291	1821	NA	NA
AMD A4-3320M APU	1256	1845	40.53	\$31.00*
AMD A4-3330MX APU	1217	1866	NA	NA
AMD A4-3400 APU	1595	1675	26.90	\$59.31
AMD A4-3420 APU	1677	1631	NA	NA
AMD A4-4000 APU	1816	1564	33.59	\$54.10
AMD A4-4020 APU	1914	1510	43.56	\$43.95
AMD A4-4300M APU	1614	1664	40.51	\$39.86*
AMD A4-4355M APU	1173	1887	NA	NA
AMD A4-5000 APU	1906	1512	NA	NA
AMD A4-5050 APU	2134	1421	NA	NA
AMD A4-5100 APU	2082	1444	NA	NA
AMD A4-5150M APU	1820	1560	NA	NA
AMD A4-5300 APU	2001	1474	45.51	\$43.99
AMD A4-5300B APU	2069	1447	54.46	\$38.00*
AMD A4-6210 APU	2148	1416	NA	NA
AMD A4-6250J APU	2556	1264	NA	NA
AMD A4-6300 APU	2216	1391	49.28	\$44.97

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-6300B APU	2129	1423	21.30	\$100.00*
AMD A4-6320 APU	2322	1342	22.31	\$104.09*
AMD A4-7210 APU	2491	1287	NA	NA
AMD A4-7300 APU	2288	1359	49.09	\$46.63
AMD A4-9120	1782	1575	NA	NA
AMD A6 Micro-6500T APU	1834	1554	NA	NA
AMD A6 PRO-7050B APU	1582	1681	NA	NA
AMD A6 PRO-7400B	2749	1206	NA	NA
AMD A6-1450 APU	1523	1705	NA	NA
AMD A6-3400M APU	1896	1519	65.39	\$29.00*
AMD A6-3410MX APU	2056	1450	68.59	\$29.99*
AMD A6-3420M APU	2007	1473	NA	NA
AMD A6-3430MX APU	2225	1390	NA	NA
AMD A6-3500 APU	2007	1472	24.41	\$82.25
AMD A6-3600 APU	2707	1218	117.76	\$22.99*
AMD A6-3620 APU	2811	1185	46.87	\$59.99*
AMD A6-3650 APU	3160	1076	21.07	\$149.99*
AMD A6-3670 APU	3199	1059	16.91	\$189.28
AMD A6-4400M APU	1629	1657	40.89	\$39.86*
AMD A6-4455M APU	1284	1827	NA	NA
AMD A6-5200 APU	2418	1310	NA	NA
AMD A6-5345M APU	1476	1728	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	1903	1515	44.14	\$43.12*
AMD A6-5357M APU	1938	1501	NA	NA
AMD A6-5400B APU	2177	1405	20.73	\$105.04*
AMD A6-5400K APU	2150	1413	25.93	\$82.94
AMD A6-6310 APU	2434	1305	NA	NA
AMD A6-6400B APU	2281	1366	NA	NA
AMD A6-6400K APU	2297	1355	39.22	\$58.57
AMD A6-6420B APU	2612	1243	NA	NA
AMD A6-6420K APU	2351	1335	33.12	\$71.00*
AMD A6-7000	1671	1635	NA	NA
AMD A6-7310 APU	2683	1224	NA	NA
AMD A6-7400K APU	2790	1190	62.01	\$45.00
AMD A6-7470K	2817	1181	50.55	\$55.75
AMD A6-8500P	2183	1402	NA	NA
AMD A6-8550	3104	1088	NA	NA
AMD A6-9200	2051	1454	NA	NA
AMD A6-9210	1876	1536	NA	NA
AMD A6-9220	2331	1339	NA	NA
AMD A6-9220e	1509	1714	NA	NA
AMD A6-9230	2274	1369	NA	NA
AMD A6-9500	2963	1132	50.43	\$58.78
AMD A8 PRO-7150B APU	2711	1216	NA	NA
AMD A8 PRO-7600B APU	4847	702	NA	NA
AMD A8-3500M APU	1974	1484	28.23	\$69.95
AMD A8-3510MX APU	2382	1323	NA	NA
AMD A8-3520M APU	2178	1404	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-3530MX APU	2382	1321	NA	NA
AMD A8-3550MX APU	2610	1244	NA	NA
AMD A8-3800 APU	3048	1107	17.93	\$169.99*
AMD A8-3820 APU	3146	1080	25.17	\$124.99*
AMD A8-3850 APU	3474	986	17.37	\$199.99
AMD A8-3870K APU	3572	962	17.73	\$201.54*
AMD A8-4500M APU	2662	1228	NA	NA
AMD A8-4555M APU	2122	1428	NA	NA
AMD A8-5500 APU	3992	865	30.95	\$129.00*
AMD A8-5500B APU	3967	871	NA	NA
AMD A8-5545M APU	2582	1255	NA	NA
AMD A8-5550M APU	2999	1121	NA	NA
AMD A8-5557M APU	2958	1135	NA	NA
AMD A8-5600K APU	4339	801	18.93	\$229.30
AMD A8-6410 APU	2562	1263	NA	NA
AMD A8-6500 APU	4386	790	27.25	\$160.99*
AMD A8-6500B APU	4571	757	NA	NA
AMD A8-6500T APU	3221	1052	NA	NA
AMD A8-6600K APU	4577	754	24.22	\$189.04*
AMD A8-7050	1986	1483	NA	NA
AMD A8-7100 APU	2821	1177	NA	NA
AMD A8-7200P	3300	1030	NA	NA
AMD A8-7410 APU	2741	1209	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7600 APU	5111	655	32.55	\$157.00
AMD A8-7650K	4918	693	62.26	\$78.99
AMD A8-7670K	5073	661	27.76	\$182.76
AMD A8-8600P	3248	1045	NA	NA
AMD A8-8650	5470	608	NA	NA
AMD A8-9600	4996	678	74.01	\$67.51
AMD A9-9400	2257	1377	NA	NA
AMD A9-9410	2571	1261	NA	NA
AMD A9-9420	2325	1341	NA	NA
AMD A9-9430	2705	1220	NA	NA
AMD A10 Micro-6700T APU	1890	1525	NA	NA
AMD A10 PRO-7350B APU	3241	1048	NA	NA
AMD A10 PRO-7800B APU	5409	618	NA	NA
AMD A10 PRO-7850B APU	5465	610	NA	NA
AMD A10-4600M APU	3117	1086	NA	NA
AMD A10-4655M APU	2598	1249	NA	NA
AMD A10-4657M APU	2906	1151	NA	NA
AMD A10-5700 APU	4204	823	8.17	\$514.70*
AMD A10-5745M APU	2761	1201	NA	NA
AMD A10-5750M APU	3342	1021	NA	NA
AMD A10-5757M APU	3086	1092	NA	NA
AMD A10-5800B APU	4658	733	NA	NA
AMD A10-5800K APU	4638	738	36.82	\$125.99*
AMD A10-6700 APU	4605	747	9.07	\$507.68*
AMD A10-6700T APU	3691	937	24.86	\$148.51

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-6790K APU	4704	726	22.75	\$206.82*
AMD A10-6800B APU	4991	679	NA	NA
AMD A10-6800K APU	4874	697	16.98	\$287.11
AMD A10-7300 APU	2911	1149	NA	NA
AMD A10-7400P	3631	945	NA	NA
AMD A10-7700K APU	5134	651	51.35	\$100.00*
AMD A10-7800 APU	5006	676	47.69	\$104.99*
AMD A10-7850K APU	5483	605	13.74	\$398.98*
AMD A10-7860K	5096	658	15.98	\$319.00
AMD A10-7870K	5485	604	46.71	\$117.44*
AMD A10-7890K	5749	574	31.39	\$183.20
AMD A10-8700P	3458	991	NA	NA
AMD A10-8750	5103	657	NA	NA
AMD A10-8850	5613	588	NA	NA
AMD A10-9600P	3816	901	NA	NA
AMD A10-9620P	3860	889	NA	NA
AMD A10-9630P	4492	773	NA	NA
AMD A10-9700	5403	620	61.33	\$88.10
AMD A10-9700E	4775	717	49.66	\$96.17
AMD A12-9700P	3753	922	NA	NA
AMD A12-9720P	3993	864	NA	NA
AMD A12-9730P	4389	787	NA	NA
AMD A12-9800	5558	596	28.04	\$198.25*
AMD A12-9800E	5060	663	43.05	\$117.55
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon64 X2 Dual Core 3800+	950	2025	NA	NA
AMD Athlon64 X2 Dual Core 4200+	1006	1983	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	1923	NA	NA
AMD Athlon 4	279	2524	5.72	\$48.91
AMD Athlon 64 2000+	116	2657	NA	NA
AMD Athlon 64 2200+	575	2214	NA	NA
AMD Athlon 64 2600+	374	2397	NA	NA
AMD Athlon 64 2800+	438	2326	4.38	\$99.99*
AMD Athlon 64 3000+	462	2298	9.24	\$50.00
AMD Athlon 64 3200+	491	2265	3.28	\$149.95*
AMD Athlon 64 3300+	576	2213	NA	NA
AMD Athlon 64 3400+	545	2226	NA	NA
AMD Athlon 64 3500+	540	2233	5.35	\$100.95
AMD Athlon 64 3600+	601	2201	NA	NA
AMD Athlon 64 3700+	599	2202	8.69	\$69.00
AMD Athlon 64 3800+	588	2206	4.20	\$139.95*
AMD Athlon 64 4000+	605	2196	3.06	\$197.95*
AMD Athlon 64 FX-25	794	2109	NA	NA
AMD Athlon 64 FX-34	380	2390	NA	NA
AMD Athlon 64 FX-51	437	2327	NA	NA
AMD Athlon 64 FX-53	646	2176	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2140	4.01	\$179.95
AMD Athlon 64 FX-57	730	2136	NA	NA
AMD Athlon 64 FX-59	715	2144	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-60 Dual Core	1282	1829	NA	NA
AMD Athlon 64 FX-62 Dual Core	1579	1684	NA	NA
AMD Athlon 64 FX-72	1794	1570	NA	NA
AMD Athlon 64 FX-74	1495	1721	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2021	NA	NA
AMD Athlon 64 X2 4200+	1285	1826	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1776	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	994	1996	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	969	2009	16.15	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1001	1987	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1039	1963	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1099	1928	6.11	\$179.95
AMD Athlon 64 X2 Dual Core 4400+	1147	1905	19.13	\$60.00*
AMD Athlon 64 X2 Dual Core 4600+	1222	1863	3.40	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1257	1844	2.73	\$459.95
AMD Athlon 64 X2 Dual Core 5000+	1312	1804	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1383	1767	26.06	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1451	1738	27.39	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1482	1726	10.59	\$139.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1701	38.26	\$39.95*
AMD Athlon 64 X2 Dual Core 6000+	1604	1672	49.36	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1792	1571	6.89	\$259.95*
AMD Athlon 64 X2 Dual Core BE-230	1095	1932	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	1942	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	1960	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 TK-53	839	2089	24.03	\$34.95*
AMD Athlon 64 X2 Dual Core TK-55	839	2090	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2008	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2068	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2101	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	872	2069	11.99	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	926	2042	NA	NA
AMD Athlon 64 X2 QL-60	920	2051	NA	NA
AMD Athlon 64 X2 QL-62	1015	1978	NA	NA
AMD Athlon 64 X2 QL-64	988	2000	NA	NA
AMD Athlon 64 X2 QL-65	1040	1962	NA	NA
AMD Athlon 64 X2 QL-66	945	2029	NA	NA
AMD Athlon 64 X2 QL-67	1006	1982	NA	NA
AMD Athlon 64 X2 TK-55	955	2022	NA	NA
AMD Athlon 64 X2 TK-57	988	2001	NA	NA
AMD Athlon 1500+	294	2497	NA	NA
AMD Athlon 1640B	678	2164	13.57	\$50.00*
AMD Athlon 1700+	349	2427	NA	NA
AMD Athlon 2000+	390	2384	NA	NA
AMD Athlon 2100+	412	2348	NA	NA
AMD Athlon 2200+	363	2413	4.55	\$79.99*
AMD Athlon 2400+	462	2299	NA	NA
AMD Athlon 2500+	374	2396	2.04	\$183.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 2600+	444	2318	4.23	\$104.95*
AMD Athlon 2650e	410	2351	21.61	\$19.00*
AMD Athlon 2800+	447	2316	8.96	\$49.99*
AMD Athlon 2850e	504	2259	NA	NA
AMD Athlon 3100+	485	2278	NA	NA
AMD Athlon 3200+	458	2302	6.55	\$69.95*
AMD Athlon 5000 Dual-Core	1292	1820	12.93	\$99.95*
AMD Athlon 5150 APU	2094	1439	19.39	\$108.00*
AMD Athlon 5200 Dual-Core	1248	1852	13.82	\$90.33*
AMD Athlon 5350 APU	2598	1248	7.08	\$367.00*
AMD Athlon 5370 APU	2898	1159	45.51	\$63.70*
AMD Athlon 7450 Dual-Core	1442	1744	NA	NA
AMD Athlon 7550 Dual-Core	1458	1733	24.30	\$60.00*
AMD Athlon 7750 Dual-Core	1580	1682	10.63	\$148.71*
AMD Athlon 7850 Dual-Core	1716	1605	8.19	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2507	NA	NA
AMD Athlon Dual Core 4050e	1086	1939	NA	NA
AMD Athlon Dual Core 4450B	1167	1893	37.65	\$31.00
AMD Athlon Dual Core 4450e	1101	1927	NA	NA
AMD Athlon Dual Core 4850B	1447	1740	NA	NA
AMD Athlon Dual Core 4850e	1315	1803	33.72	\$39.00*
AMD Athlon Dual Core 5000B	1304	1810	13.73	\$95.00*
AMD Athlon Dual Core 5050e	1350	1788	22.50	\$60.00*
AMD Athlon Dual Core 5200B	1328	1798	NA	NA
AMD Athlon Dual Core 5400B	1424	1752	NA	NA
AMD Athlon Dual Core 5600B	1304	1809	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II 160u	560	2223	18.68	\$29.99*
AMD Athlon II 170u	626	2189	20.91	\$29.95*
AMD Athlon II Dual-Core M300	1115	1918	NA	NA
AMD Athlon II Dual-Core M320	1143	1909	38.12	\$30.00*
AMD Athlon II Dual-Core M340	1056	1954	NA	NA
AMD Athlon II N330 Dual-Core	1154	1900	NA	NA
AMD Athlon II N350 Dual-Core	1247	1854	NA	NA
AMD Athlon II N370 Dual-Core	1559	1691	NA	NA
AMD Athlon II Neo K125	467	2291	NA	NA
AMD Athlon II Neo K145	525	2242	NA	NA
AMD Athlon II Neo K325 Dual-Core	778	2114	29.96	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2080	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2110	NA	NA
AMD Athlon II P320 Dual-Core	1215	1867	40.59	\$29.95*
AMD Athlon II P340 Dual-Core	1251	1851	27.85	\$44.95*
AMD Athlon II P360 Dual-Core	1322	1802	66.15	\$20.00
AMD Athlon II X2 210e	1486	1724	NA	NA
AMD Athlon II X2 215	1580	1683	131.82	\$11.99*
AMD Athlon II X2 220	1633	1656	50.76	\$32.19
AMD Athlon II X2 225	1526	1702	NA	NA
AMD Athlon II X2 235e	1657	1644	9.12	\$181.88*
AMD Athlon II X2 240	1643	1650	47.04	\$34.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 240e	1698	1617	48.59	\$34.95*
AMD Athlon II X2 245	1682	1628	48.13	\$34.95*
AMD Athlon II X2 245e	1706	1609	21.33	\$80.00*
AMD Athlon II X2 250	1749	1591	44.92	\$38.95
AMD Athlon II X2 250e	1949	1496	25.41	\$76.73*
AMD Athlon II X2 250u	999	1989	25.03	\$39.95*
AMD Athlon II X2 255	1845	1548	28.30	\$65.22*
AMD Athlon II X2 260	1874	1537	39.05	\$48.00*
AMD Athlon II X2 260u	1106	1924	13.26	\$83.44*
AMD Athlon II X2 265	1881	1530	22.71	\$82.88*
AMD Athlon II X2 270	1989	1479	19.90	\$99.99*
AMD Athlon II X2 270u	1350	1787	19.96	\$67.67*
AMD Athlon II X2 280	2159	1410	21.59	\$99.99*
AMD Athlon II X2 4300e	1350	1786	NA	NA
AMD Athlon II X2 4400e	1618	1662	NA	NA
AMD Athlon II X2 4450e	1504	1717	NA	NA
AMD Athlon II X2 B22	1699	1615	80.91	\$21.00*
AMD Athlon II X2 B24	1783	1573	44.64	\$39.95*
AMD Athlon II X2 B26	1878	1532	31.32	\$59.97*
AMD Athlon II X2 B28	2112	1431	46.99	\$44.95
AMD Athlon II X3 400e	2009	1470	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1464	25.32	\$79.99*
AMD Athlon II X3 415e	2247	1380	29.97	\$75.00*
AMD Athlon II X3 420e	2286	1362	19.68	\$116.15*
AMD Athlon II X3 425	2319	1344	55.27	\$41.96*
AMD Athlon II X3 425e	2239	1385	NA	NA
AMD Athlon II X3 435	2470	1294	61.84	\$39.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 440	2568	1262	54.71	\$46.95*
AMD Athlon II X3 445	2583	1254	28.39	\$91.00*
AMD Athlon II X3 450	2627	1237	58.46	\$44.95
AMD Athlon II X3 455	2771	1195	30.81	\$89.95*
AMD Athlon II X3 460	2858	1168	57.19	\$49.99*
AMD Athlon II X4 553	3814	902	NA	NA
AMD Athlon II X4 555	3830	898	NA	NA
AMD Athlon II X4 559	4167	832	NA	NA
AMD Athlon II X4 600e	2446	1301	18.79	\$130.23*
AMD Athlon II X4 605e	2743	1208	26.95	\$101.80*
AMD Athlon II X4 610e	2798	1188	39.98	\$69.99*
AMD Athlon II X4 615e	2901	1158	49.17	\$59.00*
AMD Athlon II X4 620	2941	1141	45.28	\$64.95*
AMD Athlon II X4 620e	2906	1152	NA	NA
AMD Athlon II X4 630	3137	1083	49.85	\$62.95*
AMD Athlon II X4 631 Quad-Core	3155	1078	39.44	\$80.00*
AMD Athlon II X4 635	3256	1044	46.55	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1060	NA	NA
AMD Athlon II X4 640	3317	1025	12.76	\$259.95
AMD Athlon II X4 641 Quad-Core	3361	1018	36.74	\$91.50*
AMD Athlon II X4 645	3481	983	34.83	\$99.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 650	3474	987	20.85	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	961	20.09	\$178.04*
AMD Athlon II X4 655	2880	1163	NA	NA
AMD Athlon II X4 6400e	2594	1250	NA	NA
AMD Athlon L110	306	2475	NA	NA
AMD Athlon LE-1600	567	2220	27.04	\$21.00*
AMD Athlon LE-1620	572	2216	31.83	\$18.00*
AMD Athlon LE-1640	626	2188	NA	NA
AMD Athlon LE-1660	676	2166	NA	NA
AMD Athlon MP	230	2580	4.20	\$54.95*
AMD Athlon MP 1700+	339	2439	NA	NA
AMD Athlon MP 2400+	436	2329	NA	NA
AMD Athlon MP 2800+	497	2261	NA	NA
AMD Athlon Neo MV-40	410	2352	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	1986	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2116	NA	NA
AMD Athlon Neo X2 Dual Core L335	827	2095	NA	NA
AMD Athlon QI-46	473	2289	NA	NA
AMD Athlon TF-20	418	2344	NA	NA
AMD Athlon TF-36	358	2417	NA	NA
AMD Athlon X2 215	1511	1712	NA	NA
AMD Athlon X2 235e	1806	1565	NA	NA
AMD Athlon X2 240	1575	1688	NA	NA
AMD Athlon X2 240e	1670	1636	NA	NA
AMD Athlon X2 250	1696	1620	NA	NA
AMD Athlon X2 255	1627	1659	NA	NA
AMD Athlon X2 280	2303	1351	13.17	\$174.81*
AMD Athlon X2 340 Dual Core	1893	1524	63.13	\$29.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 370K Dual Core	2251	1379	NA	NA
AMD Athlon X2 440	1424	1751	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2113	NA	NA
AMD Athlon X2 Dual Core 6850e	998	1990	NA	NA
AMD Athlon X2 Dual Core BE-2300	925	2044	NA	NA
AMD Athlon X2 Dual Core BE-2350	1104	1926	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	1868	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1850	NA	NA
AMD Athlon X2 Dual Core L310	643	2179	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	1980	NA	NA
AMD Athlon X3 425	2191	1399	NA	NA
AMD Athlon X3 435	2574	1260	26.96	\$95.49*
AMD Athlon X3 440	2078	1446	23.62	\$87.99*
AMD Athlon X3 445	2314	1345	NA	NA
AMD Athlon X3 450	3064	1101	38.80	\$78.99*
AMD Athlon X3 455	2401	1318	NA	NA
AMD Athlon X4 605e	2505	1283	NA	NA
AMD Athlon X4 620	2861	1167	44.06	\$64.95
AMD Athlon X4 635	2891	1161	23.71	\$121.99*
AMD Athlon X4 640	3172	1067	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X4 645	3595	952	NA	NA
AMD Athlon X4 740 Quad Core	4010	860	14.48	\$277.00*
AMD Athlon X4 750 Quad Core	4551	761	NA	NA
AMD Athlon X4 750K Quad Core	4248	816	55.18	\$76.99*
AMD Athlon X4 760K Quad Core	4581	752	98.53	\$46.50
AMD Athlon X4 830	4701	727	NA	NA
AMD Athlon X4 840	5030	669	63.89	\$78.74*
AMD Athlon X4 845	5448	615	64.95	\$83.88
AMD Athlon X4 860K	5450	613	74.69	\$72.97
AMD Athlon X4 870K	5326	633	71.97	\$74.01*
AMD Athlon X4 880K	5600	590	67.29	\$83.24
AMD Athlon X4 950	5351	629	86.93	\$61.56
AMD Athlon XP1600+	281	2520	NA	NA
AMD Athlon XP1700+	234	2576	NA	NA
AMD Athlon XP1900+	353	2424	NA	NA
AMD Athlon XP2100+	287	2509	NA	NA
AMD Athlon XP2200+	401	2367	NA	NA
AMD Athlon XP2400+	391	2382	NA	NA
AMD Athlon XP 1500	282	2519	NA	NA
AMD Athlon XP 1500+	257	2550	NA	NA
AMD Athlon XP 1600+	267	2540	NA	NA
AMD Athlon XP 1700	344	2434	NA	NA
AMD Athlon XP 1700+	271	2535	NA	NA
AMD Athlon XP 1800+	300	2487	5.09	\$58.95*
AMD Athlon XP 1900+	312	2466	NA	NA
AMD Athlon XP 2000+	299	2488	12.00	\$24.99*
AMD Athlon XP 2100+	323	2450	NA	NA
AMD Athlon XP 2200+	328	2448	3.87	\$84.95*
AMD Athlon XP 2300+	464	2296	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2400+	360	2416	4.01	\$89.99*
AMD Athlon XP 2500+	355	2421	NA	NA
AMD Athlon XP 2600+	372	2400	16.18	\$23.03*
AMD Athlon XP 2700+	393	2378	4.64	\$84.79*
AMD Athlon XP 2800+	398	2370	NA	NA
AMD Athlon XP 2900+	440	2322	NA	NA
AMD Athlon XP 3000+	402	2366	5.16	\$78.00*
AMD Athlon XP 3100+	433	2335	NA	NA
AMD Athlon XP 3200+	433	2336	NA	NA
AMD Athlon XP 3400+	570	2218	NA	NA
AMD Athlon XP Pro3+	367	2407	NA	NA
AMD Athlon XP-M	541	2232	15.48	\$34.95*
AMD C-30	310	2469	NA	NA
AMD C-50	463	2297	NA	NA
AMD C-60	476	2287	NA	NA
AMD C-60 APU	545	2227	NA	NA
AMD C-70 APU	568	2219	NA	NA
AMD E1 Micro-6200T APU	960	2019	NA	NA
AMD E1-1200 APU	661	2170	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E1-1500 APU	685	2159	NA	NA
AMD E1-2100 APU	632	2185	NA	NA
AMD E1-2200 APU	767	2119	NA	NA
AMD E1-2500 APU	888	2065	NA	NA
AMD E1-6010 APU	853	2081	NA	NA
AMD E1-6015 APU	901	2062	NA	NA
AMD E1-7010 APU	1000	1988	NA	NA
AMD E2-1800 APU	820	2100	NA	NA
AMD E2-2000 APU	829	2094	NA	NA
AMD E2-3000 APU	1088	1937	NA	NA
AMD E2-3000M APU	1091	1935	54.58	\$20.00*
AMD E2-3200 APU	1441	1745	180.35	\$7.99*
AMD E2-3800 APU	1646	1648	NA	NA
AMD E2-6110 APU	1903	1514	NA	NA
AMD E2-7110 APU	2282	1365	NA	NA
AMD E2-9000	1819	1562	NA	NA
AMD E2-9000e	1362	1780	NA	NA
AMD E2-9010	1852	1544	NA	NA
AMD E-240	317	2457	NA	NA
AMD E-300 APU	611	2193	NA	NA
AMD E-350	747	2129	NA	NA
AMD E-350 APU	770	2118	NA	NA
AMD E-350D APU	727	2138	NA	NA
AMD E-450 APU	766	2120	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1590	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1441	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2512	1280	NA	NA
AMD Embedded R-Series RX-216GD	2409	1315	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	662	NA	NA
AMD Embedded R-Series RX-421BD	4635	740	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 7251 8-Core	11833	157	22.78	\$519.42
AMD EPYC 7351P	17991	50	23.41	\$768.43
AMD EPYC 7401P	18465	43	17.18	\$1,075.00
AMD EPYC 7501	18942	38	5.19	\$3,649.99
AMD EPYC 7551	18483	42	5.00	\$3,699.99
AMD FirePro A320 APU	4540	763	NA	NA
AMD FX-670K Quad-Core	4505	767	NA	NA
AMD FX-770K Quad-Core	4766	718	NA	NA
AMD FX-870K Quad Core	5143	650	NA	NA
AMD FX-4100 Quad-Core	4060	848	31.24	\$129.99
AMD FX-4130 Quad-Core	4166	834	52.75	\$78.99*
AMD FX-4150 Quad-Core	4594	749	NA	NA
AMD FX-4170 Quad-Core	4847	701	33.76	\$143.61*
AMD FX-4200 Quad-Core	4248	817	18.62	\$228.21*
AMD FX-4300 Quad-Core	4673	732	66.78	\$69.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-4320	5005	677	NA	NA
AMD FX-4330	5222	643	NA	NA
AMD FX-4350 Quad-Core	5340	632	43.46	\$122.88*
AMD FX-6100 Six-Core	5375	623	21.85	\$246.00
AMD FX-6120 Six-Core	5747	575	NA	NA
AMD FX-6130 Six-Core	6215	520	NA	NA
AMD FX-6200 Six-Core	6115	535	44.81	\$136.48
AMD FX-6300 Six-Core	6381	514	82.34	\$77.50
AMD FX-6330 Six-Core	6935	462	NA	NA
AMD FX-6350 Six-Core	6985	457	61.28	\$114.00
AMD FX-7500 APU	3220	1053	NA	NA
AMD FX-7600P	4051	850	NA	NA
AMD FX-7600P APU	4627	742	NA	NA
AMD FX-8100 Eight-Core	6018	543	42.39	\$142.00*
AMD FX-8120 Eight-Core	6594	489	36.64	\$179.99*
AMD FX-8140 Eight-Core	5854	559	NA	NA
AMD FX-8150 Eight-Core	7621	404	35.45	\$214.99*
AMD FX-8300 Eight-Core	7715	396	72.12	\$106.99
AMD FX-8310 Eight-Core	7750	393	NA	NA
AMD FX-8320 Eight-Core	8022	371	84.45	\$94.99
AMD FX-8320E Eight-Core	7533	409	70.41	\$106.99
AMD FX-8350 Eight-Core	8949	307	81.78	\$109.44
AMD FX-8370 Eight-Core	9016	301	53.32	\$169.08
AMD FX-8370E Eight-Core	7793	387	32.15	\$242.40
AMD FX-8800P	4155	836	NA	NA
AMD FX-9370 Eight-Core	9511	260	38.98	\$243.99
AMD FX-9590 Eight-Core	10194	206	84.96	\$119.99
AMD FX-9800P	4019	857	NA	NA
AMD FX-9830P	4730	722	NA	NA
AMD FX-B4150 Quad-Core	4611	745	NA	NA
AMD G-T40E	485	2274	NA	NA
AMD G-T40N	516	2248	NA	NA
AMD G-T44R	227	2582	NA	NA
AMD G-T48E	716	2143	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T52R	303	2480	NA	NA
AMD G-T56E	751	2127	NA	NA
AMD G-T56N	783	2111	NA	NA
AMD Geode NX	264	2543	NA	NA
AMD Geode NX 1750	291	2498	NA	NA
AMD GX-210JA SOC	401	2368	NA	NA
AMD GX-212JC SOC	744	2131	NA	NA
AMD GX-217GA SOC	1097	1929	NA	NA
AMD GX-218GL SOC	1115	1917	NA	NA
AMD GX-222GC SOC	1255	1847	NA	NA
AMD GX-412HC	1497	1720	NA	NA
AMD GX-415GA SOC	1929	1507	NA	NA
AMD GX-420CA SOC	2299	1353	NA	NA
AMD GX-424CC SOC	2488	1289	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD K7	403	2363	NA	NA
AMD Opteron 140	396	2373	0.56	\$710.00
AMD Opteron 142	428	2340	NA	NA
AMD Opteron 144	486	2273	7.48	\$65.00*
AMD Opteron 146	532	2238	8.87	\$59.99*
AMD Opteron 148	603	2200	NA	NA
AMD Opteron 150	604	2198	NA	NA
AMD Opteron 152	658	2171	NA	NA
AMD Opteron 154	703	2154	NA	NA
AMD Opteron 165	899	2063	1.47	\$610.00
AMD Opteron 170	1097	1930	NA	NA
AMD Opteron 175	1167	1892	NA	NA
AMD Opteron 180	1228	1860	9.45	\$129.95
AMD Opteron 185	1360	1781	NA	NA
AMD Opteron 246	632	2184	12.64	\$49.99
AMD Opteron 248	476	2286	39.73	\$12.00
AMD Opteron 250	649	2175	59.01	\$11.00
AMD Opteron 252	760	2123	12.00	\$63.36*
AMD Opteron 254	693	2157	NA	NA
AMD Opteron 256	963	2015	50.72	\$19.00*
AMD Opteron 265	963	2016	6.02	\$159.95*
AMD Opteron 270	1083	1941	1.78	\$607.47*
AMD Opteron 275	1291	1822	19.87	\$64.99
AMD Opteron 280	1272	1837	1.60	\$796.67*
AMD Opteron 285	1470	1729	NA	NA
AMD Opteron 290	1464	1731	10.85	\$135.00*
AMD Opteron 1210	923	2046	NA	NA
AMD Opteron 1210 HE	971	2007	NA	NA
AMD Opteron 1212	1009	1981	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1807	NA	NA
AMD Opteron 1214	1191	1878	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1812	NA	NA
AMD Opteron 1216	1311	1805	23.91	\$54.85*
AMD Opteron 1216 HE	1172	1890	NA	NA
AMD Opteron 1218	1468	1730	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1218 HE	1444	1743	NA	NA
AMD Opteron 1220	1653	1647	NA	NA
AMD Opteron 1222	1757	1587	NA	NA
AMD Opteron 1352	2368	1329	17.42	\$135.99*
AMD Opteron 1354	2608	1245	8.41	\$309.97*
AMD Opteron 1356	2765	1200	30.73	\$89.99*
AMD Opteron 1381	3065	1100	NA	NA
AMD Opteron 2212	1270	1839	105.89	\$12.00
AMD Opteron 2214	1358	1783	2.39	\$569.00*
AMD Opteron 2214 HE	1415	1755	NA	NA
AMD Opteron 2216	1518	1710	8.53	\$178.00*
AMD Opteron 2218	1594	1677	49.18	\$32.42*
AMD Opteron 2220	1701	1614	1.15	\$1,475.16

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2220 SE	1398	1761	73.58	\$19.00
AMD Opteron 2222	1843	1550	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1509	NA	NA
AMD Opteron 2350	2820	1178	10.45	\$269.99*
AMD Opteron 2356	2814	1183	188.25	\$14.95
AMD Opteron 2373 EE	2789	1191	NA	NA
AMD Opteron 2374 HE	2951	1136	15.53	\$189.99*
AMD Opteron 2376	2283	1364	152.20	\$15.00
AMD Opteron 2378	3179	1065	17.76	\$179.00*
AMD Opteron 2380	2640	1235	105.64	\$25.00*
AMD Opteron 2384	3538	970	4.21	\$840.00*
AMD Opteron 2386 SE	3538	971	NA	NA
AMD Opteron 2393 SE	2246	1382	NA	NA
AMD Opteron 2427	3069	1098	32.26	\$95.14*
AMD Opteron 2431	4516	766	112.91	\$40.00
AMD Opteron 2435	4708	725	39.11	\$120.40*
AMD Opteron 3260 HE	3259	1041	NA	NA
AMD Opteron 3280	5286	639	19.35	\$273.18*
AMD Opteron 3320 EE	2675	1227	NA	NA
AMD Opteron 3350 HE	4009	861	NA	NA
AMD Opteron 3365	5929	550	NA	NA
AMD Opteron 3380	6384	513	7.89	\$809.00*
AMD Opteron 4122	2942	1139	11.32	\$259.95
AMD Opteron 4162 EE	3166	1069	NA	NA
AMD Opteron 4184	4418	783	8.50	\$519.95*
AMD Opteron 4280	6430	507	14.09	\$456.44*
AMD Opteron 4284	6660	483	18.64	\$357.30*
AMD Opteron 4332 HE	5614	587	NA	NA
AMD Opteron 4334	6133	532	28.34	\$216.42*
AMD Opteron 4365 EE	5025	671	NA	NA
AMD Opteron 6128	4505	768	19.17	\$235.00
AMD Opteron 6134	2938	1142	4.93	\$595.95*
AMD Opteron 6136	4631	741	12.90	\$359.00
AMD Opteron 6164 HE	5351	630	NA	NA
AMD Opteron 6174	6171	526	29.39	\$209.98
AMD Opteron 6212	5776	569	27.57	\$209.50*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6234	5979	545	14.95	\$399.99*
AMD Opteron 6238	7316	427	6.72	\$1,088.11*
AMD Opteron 6272	6748	476	20.77	\$325.00
AMD Opteron 6274	4865	699	23.17	\$210.00
AMD Opteron 6276	9011	302	29.17	\$308.89
AMD Opteron 6282 SE	9116	293	8.36	\$1,089.99*
AMD Opteron 6287 SE	9789	242	NA	NA
AMD Opteron 6328	7813	385	15.44	\$505.99
AMD Opteron 6366 HE	7503	412	7.43	\$1,010.00
AMD Opteron 6376	9414	270	15.43	\$610.00
AMD Opteron 6378	2152	1412	5.40	\$399.00*
AMD Opteron 6380	10081	219	25.86	\$389.86

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6386 SE	10748	185	4.46	\$2,407.51*
AMD Opteron 8354	2255	1378	187.96	\$12.00
AMD Opteron 8439 SE	3813	903	44.86	\$85.00
AMD Opteron X3216 APU	2355	1332	NA	NA
AMD Opteron X3421 APU	5024	673	NA	NA
AMD Phenom 2 X4 12000	3005	1119	NA	NA
AMD Phenom 7950 Quad-Core	2991	1123	NA	NA
AMD Phenom 8250 Triple-Core	1644	1649	NA	NA
AMD Phenom 8250e Triple-Core	1619	1661	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1641	1651	NA	NA
AMD Phenom 8450 Triple-Core	1888	1526	63.05	\$29.95*
AMD Phenom 8450e Triple-Core	2036	1459	NA	NA
AMD Phenom 8600 Triple-Core	1697	1618	32.04	\$52.99*
AMD Phenom 8600B Triple-Core	1945	1497	36.71	\$52.99*
AMD Phenom 8650 Triple-Core	1993	1478	39.89	\$49.99*
AMD Phenom 8750 Triple-Core	2055	1451	NA	NA
AMD Phenom 8750B Triple-Core	2034	1460	NA	NA
AMD Phenom 8850 Triple-Core	2026	1462	NA	NA
AMD Phenom 8850B Triple-Core	2080	1445	NA	NA
AMD Phenom 9100e Quad-Core	1838	1553	46.03	\$39.95*
AMD Phenom 9150e Quad-Core	2116	1429	52.98	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1343	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1240	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2209	1394	24.56	\$89.96*
AMD Phenom 9550 Quad-Core	2542	1266	63.65	\$39.95*
AMD Phenom 9600 Quad-Core	2306	1347	46.18	\$49.95
AMD Phenom 9600B Quad-Core	2580	1257	17.53	\$147.19*
AMD Phenom 9650 Quad-Core	2641	1234	48.08	\$54.95
AMD Phenom 9750 Quad-Core	2818	1179	47.02	\$59.95
AMD Phenom 9750B Quad-Core	2709	1217	NA	NA
AMD Phenom 9850 Quad-Core	2898	1160	57.96	\$50.00*
AMD Phenom 9850B Quad-Core	3160	1075	NA	NA
AMD Phenom 9950 Quad-Core	3015	1116	16.75	\$179.98*
AMD Phenom FX-5000 Quad-Core	2518	1277	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1137	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	948	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	982	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N620 Dual-Core	1677	1630	42.10	\$39.86*
AMD Phenom II N640 Dual-Core	1740	1595	26.80	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1545	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1231	NA	NA
AMD Phenom II N830 Triple-Core	1886	1528	NA	NA
AMD Phenom II N850 Triple-Core	1934	1504	77.39	\$25.00*
AMD Phenom II N870 Triple-Core	1988	1482	NA	NA
AMD Phenom II N930 Quad-Core	2269	1373	22.72	\$99.86*
AMD Phenom II N950 Quad-Core	2488	1290	22.10	\$112.60*
AMD Phenom II N970 Quad-Core	2518	1276	16.79	\$149.99*
AMD Phenom II P650 Dual-Core	1603	1673	45.81	\$35.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II P820 Triple-Core	1611	1668	NA	NA
AMD Phenom II P840 Triple-Core	1731	1599	NA	NA
AMD Phenom II P860 Triple-Core	1759	1585	NA	NA
AMD Phenom II P920 Quad-Core	1881	1531	25.08	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1561	NA	NA
AMD Phenom II P960 Quad-Core	2087	1442	74.56	\$28.00*
AMD Phenom II X2 511	2104	1434	NA	NA
AMD Phenom II X2 521	2091	1440	NA	NA
AMD Phenom II X2 545	1905	1513	38.16	\$49.95*
AMD Phenom II X2 550	2025	1463	15.18	\$133.39*
AMD Phenom II X2 555	2040	1457	6.80	\$299.95*
AMD Phenom II X2 560	2055	1452	18.69	\$109.95*
AMD Phenom II X2 565	2211	1393	17.70	\$124.95*
AMD Phenom II X2 570	1960	1490	NA	NA
AMD Phenom II X2 B53	1670	1637	NA	NA
AMD Phenom II X2 B55	1934	1505	40.30	\$48.00*
AMD Phenom II X2 B57	1848	1546	NA	NA
AMD Phenom II X2 B59	2148	1415	43.01	\$49.95*
AMD Phenom II X3 700e	2285	1363	NA	NA
AMD Phenom II X3 705e	2227	1389	14.63	\$152.34*
AMD Phenom II X3 710	2446	1302	28.94	\$84.53*
AMD Phenom II X3 715	2649	1233	31.17	\$84.99*
AMD Phenom II X3 720	2683	1225	35.79	\$74.99*
AMD Phenom II X3 740	3002	1120	33.75	\$88.99*
AMD Phenom II X3 B73	2735	1212	36.47	\$75.00*
AMD Phenom II X3 B75	2946	1138	NA	NA
AMD Phenom II X3 B77	3067	1099	NA	NA
AMD Phenom II X4 805	2997	1122	17.23	\$173.99*
AMD Phenom II X4 810	3130	1084	26.99	\$115.99*
AMD Phenom II X4 820	3418	998	45.61	\$74.95*
AMD Phenom II X4 830	3443	993	43.07	\$79.95
AMD Phenom II X4 840	3514	976	39.07	\$89.95*
AMD Phenom II X4 840T	3615	949	45.23	\$79.95*
AMD Phenom II X4 850	3543	969	31.78	\$111.49*
AMD Phenom II X4 900e	2882	1162	NA	NA
AMD Phenom II X4 905e	3083	1093	14.52	\$212.38*
AMD Phenom II X4 910	3265	1037	32.66	\$100.00*
AMD Phenom II X4 910e	3260	1040	20.77	\$156.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 920	3403	1003	49.33	\$68.99
AMD Phenom II X4 925	3428	996	21.43	\$159.99*
AMD Phenom II X4 940	3601	951	30.02	\$119.99*
AMD Phenom II X4 945	3675	940	12.77	\$287.89*
AMD Phenom II X4 955	3940	875	30.28	\$130.16*
AMD Phenom II X4 960T	3804	905	28.18	\$134.99*
AMD Phenom II X4 965	4200	824	64.68	\$64.95
AMD Phenom II X4 970	4355	797	25.34	\$171.91*
AMD Phenom II X4 973	3759	919	NA	NA
AMD Phenom II X4 975	4494	772	34.58	\$129.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 977	3750	924	NA	NA
AMD Phenom II X4 980	4504	769	32.96	\$136.64*
AMD Phenom II X4 8700e	2377	1325	NA	NA
AMD Phenom II X4 B05e	2781	1192	NA	NA
AMD Phenom II X4 B15e	2736	1211	NA	NA
AMD Phenom II X4 B25	3389	1009	NA	NA
AMD Phenom II X4 B35	3379	1012	NA	NA
AMD Phenom II X4 B40	3401	1004	NA	NA
AMD Phenom II X4 B45	3465	989	NA	NA
AMD Phenom II X4 B50	3702	935	NA	NA
AMD Phenom II X4 B55	3867	888	NA	NA
AMD Phenom II X4 B60	4046	852	NA	NA
AMD Phenom II X4 B65	4177	830	NA	NA
AMD Phenom II X4 B70	4261	812	NA	NA
AMD Phenom II X4 B93	3361	1017	NA	NA
AMD Phenom II X4 B95	3722	928	51.03	\$72.95*
AMD Phenom II X4 B97	3911	881	48.93	\$79.95
AMD Phenom II X4 B99	4130	843	NA	NA
AMD Phenom II X6 1035T	4677	731	24.75	\$189.00*
AMD Phenom II X6 1045T	4825	708	27.58	\$175.00*
AMD Phenom II X6 1055T	4980	680	26.92	\$185.00*
AMD Phenom II X6 1065T	5079	660	NA	NA
AMD Phenom II X6 1075T	5356	628	20.60	\$259.99*
AMD Phenom II X6 1090T	5598	593	14.14	\$396.08*
AMD Phenom II X6 1100T	5757	571	24.61	\$233.99*
AMD Phenom II X6 1405T	5042	668	NA	NA
AMD Phenom II X620 Dual-Core	2189	1400	NA	NA
AMD Phenom II X640 Dual-Core	2021	1465	NA	NA
AMD Phenom II X920 Quad-Core	2638	1236	NA	NA
AMD Phenom II X940 Quad-Core	2695	1221	NA	NA
AMD Phenom Ultra X4 24500	3945	874	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1619	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1395	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1588	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1884	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1748	NA	NA
AMD Phenom X3 8550	1930	1506	11.36	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1586	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1477	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	1386	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2812	1184	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1215	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1222	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1872	NA	NA
AMD PRO A4-3350B APU	2833	1172	NA	NA
AMD PRO A4-8350B	2942	1140	NA	NA
AMD PRO A6-7350B	2759	1202	NA	NA
AMD PRO A6-8500B	2516	1278	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A6-8530B	2435	1304	NA	NA
AMD PRO A6-8550B	3018	1114	NA	NA
AMD PRO A6-8570	3049	1106	NA	NA
AMD PRO A6-8570E	2906	1153	NA	NA
AMD PRO A6-9500	3262	1039	44.09	\$74.00*
AMD PRO A6-9500B	2303	1349	NA	NA
AMD PRO A6-9500E	2752	1204	37.20	\$74.00*
AMD PRO A8-8600B	3755	921	NA	NA
AMD PRO A8-8650B	5457	612	NA	NA
AMD PRO A8-9600	5321	635	44.72	\$119.00*
AMD PRO A8-9600B	4047	851	NA	NA
AMD PRO A10-8700B	3593	955	NA	NA
AMD PRO A10-8730B	4069	847	NA	NA
AMD PRO A10-8750B	5646	584	NA	NA
AMD PRO A10-8770	5742	576	NA	NA
AMD PRO A10-8770E	4881	696	NA	NA
AMD PRO A10-8850B	5852	560	NA	NA
AMD PRO A10-9700	5640	585	33.37	\$169.00*
AMD PRO A10-9700B	4393	786	NA	NA
AMD PRO A10-9700E	4949	688	35.61	\$139.00*
AMD PRO A12-8800B	4193	826	NA	NA
AMD PRO A12-8830B	4501	770	NA	NA
AMD PRO A12-8870	6177	525	NA	NA
AMD PRO A12-8870E	4814	710	NA	NA
AMD PRO A12-9800	6199	521	36.68	\$169.00*
AMD PRO A12-9800B	4336	803	NA	NA
AMD PRO A12-9800E	4812	711	28.47	\$169.00*
AMD QC-4000	1657	1645	NA	NA
AMD R-260H APU	1576	1685	NA	NA
AMD R-460L APU	1954	1491	NA	NA
AMD R-464L APU	3026	1111	NA	NA
AMD RX-427BB	4539	764	NA	NA
AMD Ryzen 3 1200	6848	468	73.65	\$92.99
AMD Ryzen 3 1300X	7540	408	65.57	\$114.99
AMD Ryzen 3 2200G	7141	441	68.02	\$104.99
AMD Ryzen 3 2200U	5439	616	NA	NA
AMD Ryzen 3 PRO 1200	7132	444	NA	NA
AMD Ryzen 3 PRO 1300	8270	351	NA	NA
AMD Ryzen 5 1400	8428	343	60.21	\$139.98
AMD Ryzen 5 1500X	10803	182	67.53	\$159.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 1600	12381	145	70.75	\$174.99
AMD Ryzen 5 1600X	13556	126	68.47	\$197.99
AMD Ryzen 5 2400G	9418	269	58.24	\$161.70
AMD Ryzen 5 2500U	7780	389	NA	NA
AMD Ryzen 5 PRO 1500	10868	179	NA	NA
AMD Ryzen 5 PRO 1600	12213	150	NA	NA
AMD Ryzen 7 1700	13752	117	53.93	\$254.99
AMD Ryzen 7 1700X	14629	96	54.19	\$269.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 1800X	15399	83	48.27	\$319.00
AMD Ryzen 7 2700U	7361	425	NA	NA
AMD Ryzen 7 PRO 1700	14859	93	NA	NA
AMD Ryzen 7 PRO 1700X	15221	88	NA	NA
AMD Ryzen Threadripper 1900X	15298	86	34.03	\$449.50
AMD Ryzen Threadripper 1920X	18207	46	24.28	\$749.99
AMD Ryzen Threadripper 1950X	22062	16	24.54	\$899.00
AMD Sempron 130	656	2173	26.29	\$24.99*
AMD Sempron 140	737	2133	18.62	\$39.59*
AMD Sempron 145	813	2104	13.56	\$59.99
AMD Sempron 150	707	2150	15.74	\$44.95
AMD Sempron 200U	267	2539	3.08	\$87.00*
AMD Sempron 210U	382	2388	NA	NA
AMD Sempron 2100+	392	2380	NA	NA
AMD Sempron 2200+	281	2523	9.38	\$29.99*
AMD Sempron 2300+	318	2456	7.07	\$45.00*
AMD Sempron 2400+	313	2465	11.62	\$27.00*
AMD Sempron 2500+	335	2441	4.20	\$79.95*
AMD Sempron 2600+	374	2398	12.49	\$29.95
AMD Sempron 2650 APU	940	2034	18.47	\$50.90
AMD Sempron 2800+	384	2387	7.34	\$52.36
AMD Sempron 3000+	408	2356	8.18	\$49.95
AMD Sempron 3100+	452	2309	7.53	\$60.00*
AMD Sempron 3200+	404	2361	31.12	\$13.00
AMD Sempron 3300+	484	2280	16.14	\$30.00
AMD Sempron 3400+	453	2308	32.36	\$14.00
AMD Sempron 3500+	384	2386	19.23	\$20.00
AMD Sempron 3600+	489	2268	40.78	\$12.00
AMD Sempron 3800+	554	2225	26.39	\$21.00
AMD Sempron 3850 APU	1707	1608	41.67	\$40.98
AMD Sempron Dual Core 2100	924	2045	23.69	\$39.00*
AMD Sempron Dual Core 2200	995	1995	NA	NA
AMD Sempron Dual Core 2300	982	2004	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2027	NA	NA
AMD Sempron Dual Core 4900	1081	1943	NA	NA
AMD Sempron LE-250	490	2266	NA	NA
AMD Sempron LE-1100	436	2330	NA	NA
AMD Sempron LE-1150	449	2312	NA	NA
AMD Sempron LE-1200	526	2241	NA	NA
AMD Sempron LE-1250	541	2231	6.77	\$79.95
AMD Sempron LE-1300	609	2194	40.61	\$15.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron LE-1600	535	2237	NA	NA
AMD Sempron LE-1620	635	2183	NA	NA
AMD Sempron LE-1640	759	2124	NA	NA
AMD Sempron M100	558	2224	46.58	\$12.00
AMD Sempron M120	580	2211	NA	NA
AMD Sempron SI-40	443	2319	36.93	\$12.00
AMD Sempron SI-42	453	2307	37.78	\$12.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron X2 180	1222	1864	17.62	\$69.40*
AMD Sempron X2 190	1529	1699	18.33	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1756	NA	NA
AMD Turion 64 Mobile MK-36	465	2293	NA	NA
AMD Turion 64 Mobile MK-38	514	2249	NA	NA
AMD Turion 64 Mobile ML-28	390	2383	NA	NA
AMD Turion 64 Mobile ML-30	402	2365	NA	NA
AMD Turion 64 Mobile ML-32	410	2353	NA	NA
AMD Turion 64 Mobile ML-34	425	2342	NA	NA
AMD Turion 64 Mobile ML-37	441	2320	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	520	2245	NA	NA
AMD Turion 64 Mobile ML-42	615	2191	NA	NA
AMD Turion 64 Mobile ML-44	591	2203	NA	NA
AMD Turion 64 Mobile MT-28	419	2343	NA	NA
AMD Turion 64 Mobile MT-30	378	2391	NA	NA
AMD Turion 64 Mobile MT-32	426	2341	NA	NA
AMD Turion 64 Mobile MT-34	429	2338	NA	NA
AMD Turion 64 Mobile MT-37	484	2279	NA	NA
AMD Turion 64 Mobile MT-40	536	2234	NA	NA
AMD Turion 64 X2 Mobile TL-50	753	2126	15.08	\$49.99*
AMD Turion 64 X2 Mobile TL-52	760	2122	NA	NA
AMD Turion 64 X2 Mobile TL-56	884	2067	44.21	\$20.00*
AMD Turion 64 X2 Mobile TL-58	942	2031	NA	NA
AMD Turion 64 X2 Mobile TL-60	992	1998	54.98	\$18.05*
AMD Turion 64 X2 Mobile TL-62	1091	1934	3.51	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1105	1925	28.07	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1134	1912	3.00	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1149	1902	12.77	\$90.00*
AMD Turion Dual-Core RM-70	904	2060	60.27	\$15.00*
AMD Turion Dual-Core RM-72	860	2076	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	1977	NA	NA
AMD Turion Dual-Core RM-75	961	2017	35.02	\$27.46*
AMD Turion II Dual-Core Mobile M500	1296	1815	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	1808	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1794	NA	NA
AMD Turion II N530 Dual-Core	1583	1680	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1706	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2006	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	1881	NA	NA
AMD Turion II Neo N40L Dual-Core	918	2052	NA	NA
AMD Turion II Neo N54L Dual-Core	1376	1770	NA	NA
AMD Turion II P520 Dual-Core	1359	1782	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II P540 Dual-Core	1446	1742	28.96	\$49.96*
AMD Turion II P560 Dual-Core	1511	1713	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1408	1757	58.68	\$24.00*
AMD Turion II Ultra Dual-Core Mobile M620	1427	1750	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1638	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1698	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion Neo X2 Dual Core L625	820	2099	NA	NA
AMD Turion X2 Dual Core L510	923	2047	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2078	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	1952	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	990	1999	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1089	1936	4.86	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1055	1955	42.32	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1142	1910	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	1903	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1017	1976	72.67	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1081	1945	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	1869	94.53	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	1858	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1814	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1354	1785	33.92	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	1991	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	1969	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1736	NA	NA
AMD V105	286	2510	NA	NA
AMD V120	622	2190	NA	NA
AMD V140	643	2181	49.47	\$13.00*
AMD V160	681	2163	NA	NA
AMD Z-01	523	2243	NA	NA
AMD Z-60 APU	485	2276	NA	NA
AMD-K6 3D	90	2661	NA	NA
AMD-K6-III	108	2658	NA	NA
AMD-K7	403	2364	NA	NA
Athlon 64 Dual Core 3800+	1234	1859	NA	NA
Athlon 64 Dual Core 4200+	1156	1899	NA	NA
Athlon 64 Dual Core 4800+	1370	1773	NA	NA
Athlon 64 Dual Core 5000+	1507	1715	NA	NA
Athlon 64 Dual Core 5400+	1614	1665	NA	NA
Athlon 64 Dual Core 5600+	1548	1693	NA	NA
Athlon Dual Core 4050e	968	2011	NA	NA
Athlon Dual Core 4450e	1081	1944	NA	NA
Athlon Dual Core 4850e	1327	1799	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1171	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1086	1940	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1175	1885	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1212	1871	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1274	1834	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1874	NA	NA
HP Hexa-Core 2.0GHz	2178	1403	4.32	\$504.27*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel 1300 @ 1.66GHz	857	2079	NA	NA
Intel 1400 @ 1.83GHz	980	2005	NA	NA
Intel 1500 @ 2.00GHz	1024	1971	NA	NA
Intel Atom 230 @ 1.60GHz	307	2474	NA	NA
Intel Atom 330 @ 1.60GHz	589	2204	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C2338 @ 1.74GHz	898	2064	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2018	NA	NA
Intel Atom C2550 @ 2.40GHz	2329	1340	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1408	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3805	904	16.40	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1020	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1072	14.72	\$214.86*
Intel Atom C3558 @ 2.20GHz	2538	1267	29.52	\$86.00*
Intel Atom C3955 @ 2.10GHz	5803	566	13.37	\$434.00*
Intel Atom D410 @ 1.66GHz	303	2481	0.48	\$635.99*
Intel Atom D425 @ 1.80GHz	343	2436	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	652	2174	6.71	\$97.16*
Intel Atom D525 @ 1.80GHz	703	2153	NA	NA
Intel Atom D2500 @ 1.86GHz	406	2359	NA	NA
Intel Atom D2550 @ 1.86GHz	675	2167	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2146	NA	NA
Intel Atom D2700 @ 2.13GHz	840	2088	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2141	NA	NA
Intel Atom E660 @ 1.30GHz	271	2536	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2431	NA	NA
Intel Atom E3815 @ 1.46GHz	362	2415	2.15	\$169.00
Intel Atom E3825 @ 1.33GHz	564	2222	8.03	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2269	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2083	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	1897	NA	NA
Intel Atom E3845 @ 1.91GHz	1489	1722	NA	NA
Intel Atom E3950 @ 1.60GHz	2034	1461	NA	NA
Intel Atom K510 @ 1.66GHz	658	2172	NA	NA
Intel Atom N270 @ 1.60GHz	270	2537	NA	NA
Intel Atom N280 @ 1.66GHz	283	2515	NA	NA
Intel Atom N435 @ 1.33GHz	236	2575	NA	NA
Intel Atom N450 @ 1.66GHz	300	2486	NA	NA
Intel Atom N455 @ 1.66GHz	284	2512	NA	NA
Intel Atom N470 @ 1.83GHz	307	2473	NA	NA
Intel Atom N475 @ 1.83GHz	314	2462	NA	NA
Intel Atom N550 @ 1.50GHz	523	2244	6.09	\$86.00*
Intel Atom N570 @ 1.66GHz	574	2215	6.68	\$86.00*
Intel Atom N2100 @ 1.60GHz	309	2470	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2240	NA	NA
Intel Atom N2800 @ 1.86GHz	628	2187	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2053	14.32	\$64.00*
Intel Atom x5-E3930 @ 1.30GHz	811	2105	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1609	1669	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1202	1876	9.05	\$132.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom x5-Z8330 @ 1.44GHz	1005	1985	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1287	1824	61.32	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1690	1624	27.02	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1870	1539	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom x7-Z8700 @ 1.60GHz	1906	1511	25.89	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1937	1502	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2612	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2591	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2594	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2522	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2428	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2389	NA	NA
Intel Atom Z670 @ 1.50GHz	249	2561	NA	NA
Intel Atom Z2760 @ 1.80GHz	567	2221	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2054	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2041	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	907	2059	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2057	NA	NA
Intel Atom Z3736F @ 1.33GHz	920	2050	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	1951	NA	NA
Intel Atom Z3740D @ 1.33GHz	1020	1974	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	1948	NA	NA
Intel Atom Z3745D @ 1.33GHz	1019	1975	NA	NA
Intel Atom Z3770 @ 1.46GHz	1243	1855	8.32	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2107	NA	NA
Intel Atom Z3775 @ 1.46GHz	1253	1848	35.83	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1832	NA	NA
Intel Atom Z3795 @ 1.60GHz	1768	1580	NA	NA
Intel Celeron 1.70GHz	130	2651	NA	NA
Intel Celeron 1.80GHz	136	2648	NA	NA
Intel Celeron 2.00GHz	184	2621	NA	NA
Intel Celeron 2.10GHz	244	2568	NA	NA
Intel Celeron 2.13GHz	208	2601	NA	NA
Intel Celeron 2.20GHz	213	2596	NA	NA
Intel Celeron 2.26GHz	223	2586	NA	NA
Intel Celeron 2.30GHz	227	2583	NA	NA
Intel Celeron 2.40GHz	217	2592	NA	NA
Intel Celeron 2.50GHz	247	2563	NA	NA
Intel Celeron 2.53GHz	245	2566	NA	NA
Intel Celeron 2.60GHz	238	2572	NA	NA
Intel Celeron 2.66GHz	252	2557	NA	NA
Intel Celeron 2.70GHz	245	2567	NA	NA
Intel Celeron 2.80GHz	254	2553	NA	NA
Intel Celeron 2.93GHz	285	2511	NA	NA
Intel Celeron 3.06GHz	283	2516	NA	NA
Intel Celeron 3.20GHz	288	2503	NA	NA
Intel Celeron 3.33GHz	333	2444	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2452	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2455	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 420 @ 1.60GHz	450	2310	12.96	\$34.78*
Intel Celeron 430 @ 1.80GHz	491	2263	12.20	\$40.33
Intel Celeron 440 @ 2.00GHz	543	2229	6.80	\$79.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 450 @ 2.20GHz	629	2186	NA	NA
Intel Celeron 530 @ 1.73GHz	465	2294	20.23	\$23.00*
Intel Celeron 540 @ 1.86GHz	511	2252	NA	NA
Intel Celeron 550 @ 2.00GHz	505	2257	38.89	\$13.00*
Intel Celeron 560 @ 2.13GHz	535	2236	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	526	2239	NA	NA
Intel Celeron 600MHz	147	2645	NA	NA
Intel Celeron 723 @ 1.20GHz	408	2355	NA	NA
Intel Celeron 743 @ 1.30GHz	437	2328	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2128	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2404	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2192	NA	NA
Intel Celeron 847 @ 1.10GHz	936	2038	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1026	1970	NA	NA
Intel Celeron 857 @ 1.20GHz	1172	1891	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	1889	NA	NA
Intel Celeron 877 @ 1.40GHz	1288	1823	NA	NA
Intel Celeron 887 @ 1.50GHz	1294	1816	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2165	23.34	\$28.99
Intel Celeron 925 @ 2.30GHz	688	2158	NA	NA
Intel Celeron 1000M @ 1.80GHz	1671	1634	NA	NA
Intel Celeron 1000MHz	241	2570	NA	NA
Intel Celeron 1005M @ 1.90GHz	1821	1559	NA	NA
Intel Celeron 1007U @ 1.50GHz	1398	1760	7.56	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1520	1707	NA	NA
Intel Celeron 1019Y @ 1.00GHz	926	2043	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1387	NA	NA
Intel Celeron 1037U @ 1.80GHz	1734	1597	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1879	NA	NA
Intel Celeron 1066MHz	259	2547	NA	NA
Intel Celeron 1100MHz	174	2630	NA	NA
Intel Celeron 1133MHz	282	2517	NA	NA
Intel Celeron 1200MHz	244	2569	NA	NA
Intel Celeron 1300MHz	288	2506	NA	NA
Intel Celeron 1333MHz	290	2499	NA	NA
Intel Celeron 1400MHz	302	2482	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1331	NA	NA
Intel Celeron 2950M @ 2.00GHz	2008	1471	NA	NA
Intel Celeron 2955U @ 1.40GHz	1437	1747	NA	NA
Intel Celeron 2957U @ 1.40GHz	1453	1737	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	1922	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1346	NA	NA
Intel Celeron 2980U @ 1.60GHz	1576	1686	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1687	NA	NA
Intel Celeron 3205U @ 1.50GHz	1547	1694	5.39	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1613	1667	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3755U @ 1.70GHz	1702	1613	NA	NA
Intel Celeron 3765U @ 1.90GHz	2038	1458	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3855U @ 1.60GHz	1662	1642	NA	NA
Intel Celeron 3865U @ 1.80GHz	1968	1488	NA	NA
Intel Celeron 3955U @ 2.00GHz	1801	1568	NA	NA
Intel Celeron 3965U @ 2.20GHz	2470	1295	23.09	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1619	1660	15.14	\$107.00*
Intel Celeron @ 1.30GHz	965	2013	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2618	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2102	NA	NA
Intel Celeron B800 @ 1.50GHz	1280	1831	NA	NA
Intel Celeron B810 @ 1.60GHz	1394	1763	NA	NA
Intel Celeron B815 @ 1.60GHz	1368	1775	NA	NA
Intel Celeron B820 @ 1.70GHz	1428	1749	36.35	\$39.29
Intel Celeron B830 @ 1.80GHz	1528	1700	NA	NA
Intel Celeron B840 @ 1.90GHz	1725	1602	NA	NA
Intel Celeron D 347 @ 3.06GHz	272	2534	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2483	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2460	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2443	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2362	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2282	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2207	NA	NA
Intel Celeron E1200 @ 1.60GHz	860	2075	13.88	\$62.01*
Intel Celeron E1400 @ 2.00GHz	1046	1959	13.08	\$79.95
Intel Celeron E1500 @ 2.20GHz	1165	1895	18.42	\$63.25*
Intel Celeron E1600 @ 2.40GHz	1260	1842	NA	NA
Intel Celeron E3200 @ 2.40GHz	1389	1765	26.72	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1389	1764	20.16	\$68.95
Intel Celeron E3400 @ 2.60GHz	1440	1746	18.84	\$76.47*
Intel Celeron E3500 @ 2.70GHz	1454	1735	23.45	\$62.01
Intel Celeron G440 @ 1.60GHz	698	2156	5.59	\$125.00
Intel Celeron G460 @ 1.80GHz	1027	1965	15.81	\$65.00
Intel Celeron G465 @ 1.90GHz	1065	1950	13.32	\$80.00
Intel Celeron G470 @ 2.00GHz	1298	1813	NA	NA
Intel Celeron G530 @ 2.40GHz	2147	1417	41.72	\$51.49
Intel Celeron G530T @ 2.00GHz	1604	1671	NA	NA
Intel Celeron G540 @ 2.50GHz	2200	1397	48.91	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1430	NA	NA
Intel Celeron G550 @ 2.60GHz	2292	1357	114.66	\$19.99
Intel Celeron G550T @ 2.20GHz	2063	1448	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1309	48.45	\$50.00
Intel Celeron G1101 @ 2.27GHz	1667	1640	19.62	\$85.00*
Intel Celeron G1610 @ 2.60GHz	2494	1286	99.82	\$24.99
Intel Celeron G1610T @ 2.30GHz	2303	1350	57.53	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2581	1256	16.81	\$153.59
Intel Celeron G1620T @ 2.40GHz	2353	1334	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2484	1292	35.49	\$69.99
Intel Celeron G1820 @ 2.70GHz	2769	1196	32.59	\$84.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1820T @ 2.40GHz	2505	1282	59.66	\$42.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1820TE @ 2.20GHz	2132	1422	NA	NA
Intel Celeron G1830 @ 2.80GHz	2531	1270	35.66	\$70.99*
Intel Celeron G1840 @ 2.80GHz	2872	1165	37.55	\$76.50
Intel Celeron G1840T @ 2.50GHz	2605	1246	NA	NA
Intel Celeron G1850 @ 2.90GHz	2902	1155	36.28	\$80.00*
Intel Celeron G3900 @ 2.80GHz	3040	1109	81.97	\$37.09
Intel Celeron G3900E @ 2.40GHz	2679	1226	NA	NA
Intel Celeron G3900T @ 2.60GHz	2902	1156	NA	NA
Intel Celeron G3920 @ 2.90GHz	3412	1000	75.34	\$45.29
Intel Celeron G3930 @ 2.90GHz	3074	1095	NA	NA
Intel Celeron G3950 @ 3.00GHz	3334	1023	46.82	\$71.22*
Intel Celeron G4900T @ 2.90GHz	2960	1133	NA	NA
Intel Celeron J1750 @ 2.41GHz	1037	1964	NA	NA
Intel Celeron J1800 @ 2.41GHz	1026	1967	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1666	NA	NA
Intel Celeron J1900 @ 1.99GHz	1860	1540	NA	NA
Intel Celeron J3060 @ 1.60GHz	983	2003	NA	NA
Intel Celeron J3160 @ 1.60GHz	1782	1574	NA	NA
Intel Celeron J3355 @ 2.00GHz	1258	1843	NA	NA
Intel Celeron J3455 @ 1.50GHz	2145	1418	9.21	\$232.91*
Intel Celeron M 1.00GHz	207	2603	17.43	\$11.89*
Intel Celeron M 1.30GHz	316	2459	NA	NA
Intel Celeron M 1.50GHz	343	2435	NA	NA
Intel Celeron M 1.60GHz	365	2411	NA	NA
Intel Celeron M 1.70GHz	393	2379	NA	NA
Intel Celeron M 360 1.40GHz	327	2449	NA	NA
Intel Celeron M 410 @ 1.46GHz	316	2458	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2438	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2408	NA	NA
Intel Celeron M 440 @ 1.86GHz	412	2349	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2554	NA	NA
Intel Celeron M 450 @ 2.00GHz	455	2305	NA	NA
Intel Celeron M 520 @ 1.60GHz	434	2334	NA	NA
Intel Celeron M 530 @ 1.73GHz	459	2301	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2230	NA	NA
Intel Celeron M 600MHz	151	2643	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2304	NA	NA
Intel Celeron M 900MHz	207	2602	NA	NA
Intel Celeron M 1200MHz	275	2532	NA	NA
Intel Celeron M 1300MHz	303	2479	NA	NA
Intel Celeron M 1500MHz	332	2446	NA	NA
Intel Celeron M ULV 800MHz	184	2623	NA	NA
Intel Celeron N2805 @ 1.46GHz	454	2306	NA	NA
Intel Celeron N2806 @ 1.60GHz	782	2112	NA	NA
Intel Celeron N2807 @ 1.58GHz	851	2082	NA	NA
Intel Celeron N2808 @ 1.58GHz	923	2049	NA	NA
Intel Celeron N2810 @ 2.00GHz	777	2115	5.55	\$139.99
Intel Celeron N2815 @ 1.86GHz	862	2074	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2820 @ 2.13GHz	951	2024	5.01	\$190.00
Intel Celeron N2830 @ 2.16GHz	951	2023	NA	NA
Intel Celeron N2840 @ 2.16GHz	1006	1984	NA	NA
Intel Celeron N2910 @ 1.60GHz	1208	1873	NA	NA
Intel Celeron N2920 @ 1.86GHz	1518	1709	NA	NA
Intel Celeron N2930 @ 1.83GHz	1636	1654	NA	NA
Intel Celeron N2940 @ 1.83GHz	1733	1598	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2061	NA	NA
Intel Celeron N3010 @ 1.04GHz	936	2037	NA	NA
Intel Celeron N3050 @ 1.60GHz	884	2066	2.95	\$299.99*
Intel Celeron N3060 @ 1.60GHz	996	1993	NA	NA
Intel Celeron N3150 @ 1.60GHz	1656	1646	NA	NA
Intel Celeron N3160 @ 1.60GHz	1698	1616	5.82	\$291.99
Intel Celeron N3350 @ 1.10GHz	1124	1914	NA	NA
Intel Celeron N3450 @ 1.10GHz	1827	1556	10.86	\$168.25
Intel Celeron P4500 @ 1.87GHz	1139	1911	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	1997	NA	NA
Intel Celeron P4600 @ 2.00GHz	1340	1790	NA	NA
Intel Celeron SU2300 @ 1.20GHz	772	2117	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2026	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	1953	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1611	NA	NA
Intel Celeron U3400 @ 1.07GHz	735	2134	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2160	NA	NA
Intel Celeron U3600 @ 1.20GHz	805	2106	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1047	1957	6.63	\$157.95
Intel Core2 Duo E4400 @ 2.00GHz	1161	1898	7.36	\$157.95
Intel Core2 Duo E4500 @ 2.20GHz	1274	1833	8.07	\$157.95
Intel Core2 Duo E4600 @ 2.40GHz	1385	1766	8.77	\$157.95
Intel Core2 Duo E4700 @ 2.60GHz	1483	1725	14.83	\$100.00*
Intel Core2 Duo E6300 @ 1.86GHz	1110	1921	7.03	\$157.95
Intel Core2 Duo E6320 @ 1.86GHz	1183	1883	7.49	\$157.95
Intel Core2 Duo E6400 @ 2.13GHz	1293	1817	8.19	\$157.95
Intel Core2 Duo E6420 @ 2.13GHz	1363	1778	8.63	\$157.95
Intel Core2 Duo E6540 @ 2.33GHz	1457	1734	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1499	1719	9.49	\$157.95
Intel Core2 Duo E6600 @ 2.40GHz	1553	1692	9.84	\$157.95
Intel Core2 Duo E6700 @ 2.66GHz	1695	1621	14.61	\$115.99
Intel Core2 Duo E6750 @ 2.66GHz	1718	1604	27.73	\$61.99*
Intel Core2 Duo E6850 @ 3.00GHz	1951	1495	29.80	\$65.50
Intel Core2 Duo E7200 @ 2.53GHz	1635	1655	10.35	\$157.95
Intel Core2 Duo E7300 @ 2.66GHz	1728	1600	78.60	\$21.99*
Intel Core2 Duo E7400 @ 2.80GHz	1775	1577	11.24	\$157.95
Intel Core2 Duo E7500 @ 2.93GHz	1877	1533	134.21	\$13.99
Intel Core2 Duo E7600 @ 3.06GHz	1989	1480	16.59	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1523	1704	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1765	1582	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1887	1527	11.95	\$157.95
Intel Core2 Duo E8235 @ 2.80GHz	1953	1493	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
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Intel Core2 Duo E8290 @ 2.83GHz	2353	1333	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1999	1476	142.95	\$13.99
Intel Core2 Duo E8335 @ 2.66GHz	1846	1547	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1424	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2154	1411	195.91	\$11.00
Intel Core2 Duo E8435 @ 3.06GHz	2127	1425	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2286	1361	114.39	\$19.99
Intel Core2 Duo E8600 @ 3.33GHz	2412	1313	104.94	\$22.99
Intel Core2 Duo E8700 @ 3.50GHz	2212	1392	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	746	2130	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2161	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	841	2087	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2084	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	967	2012	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	965	2014	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	1915	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	1949	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1339	1791	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1292	1819	64.68	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1301	1811	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1422	1753	35.57	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2028	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1524	1703	6.63	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1450	1739	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	1973	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1458	1732	4.91	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1539	1697	31.31	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1629	1658	42.89	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1745	1592	30.64	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1565	1690	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1765	1581	1.77	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1768	1579	17.86	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1876	1535	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2012	1469	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2205	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1267	1840	5.01	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1672	1632	5.89	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	931	2039	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	832	2092	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	832	2093	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	820	2098	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	936	2036	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2055	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2058	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2048	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1046	1958	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1026	1968	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	987	2002	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5750 @ 2.00GHz	1094	1933	109.53	\$9.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5800 @ 2.00GHz	1110	1920	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1187	1880	74.70	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1144	1908	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	1870	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1223	1862	81.63	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1286	1825	85.82	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1256	1846	32.63	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1365	1777	72.23	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1370	1774	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1011	1979	46.00	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1164	1896	11.65	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1111	1919	5.52	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1194	1877	38.56	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1243	1856	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1274	1835	29.65	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1376	1771	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1417	1754	30.17	\$46.99*
Intel Core2 Duo T7800 @ 2.60GHz	1615	1663	2.66	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1293	1818	1.29	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1480	1727	6.92	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1667	1639	28.76	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1739	1596	24.87	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1819	1563	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1802	1566	6.03	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1508	29.66	\$64.99*
Intel Core2 Duo T9800 @ 2.93GHz	2019	1466	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2124	1426	5.32	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	869	2071	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	582	2209	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	664	2169	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	713	2145	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2077	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1132	1913	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1626	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	943	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3644	944	2.44	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3463	990	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1882	1529	7.14	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1567	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1797	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1693	1623	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1895	1520	NA	NA
Intel Core2 Extreme X9100 @ 3.06GHz	2047	1455	2.41	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4167	833	4.58	\$909.00*
Intel Core2 Extreme X9750 @ 3.16GHz	4597	748	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4611	744	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	735	2.57	\$1,805.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q6600 @ 2.40GHz	2960	1134	26.92	\$109.95
Intel Core2 Quad Q6700 @ 2.66GHz	3289	1032	126.55	\$25.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q8200 @ 2.33GHz	2816	1182	122.49	\$22.99
Intel Core2 Quad Q8300 @ 2.50GHz	2990	1124	19.30	\$155.00
Intel Core2 Quad Q8400 @ 2.66GHz	3182	1064	35.56	\$89.50*
Intel Core2 Quad Q9000 @ 2.00GHz	2528	1271	6.50	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3239	1049	8.39	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3165	1071	126.66	\$24.99
Intel Core2 Quad Q9400 @ 2.66GHz	3357	1019	111.95	\$29.99
Intel Core2 Quad Q9450 @ 2.66GHz	3769	917	11.24	\$335.25*
Intel Core2 Quad Q9500 @ 2.83GHz	3560	966	104.76	\$33.99
Intel Core2 Quad Q9505 @ 2.83GHz	3586	958	18.88	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3983	867	84.77	\$46.99
Intel Core2 Quad Q9650 @ 3.00GHz	4186	829	45.02	\$92.99
Intel Core2 Quad Q9705 @ 3.16GHz	3947	872	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	303	2478	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2468	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2346	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	466	2292	NA	NA
Intel Core 330 @ 1.60GHz	643	2178	NA	NA
Intel Core 860 @ 2.80GHz	4555	760	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2142	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2147	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2137	NA	NA
Intel Core Duo T2050 @ 1.60GHz	698	2155	NA	NA
Intel Core Duo T2250 @ 1.73GHz	758	2125	NA	NA
Intel Core Duo T2300 @ 1.66GHz	732	2135	NA	NA
Intel Core Duo T2350 @ 1.86GHz	760	2121	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2108	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	826	2096	NA	NA
Intel Core Duo T2500 @ 2.00GHz	871	2070	7.27	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	942	2030	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	1972	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2228	NA	NA
Intel Core Duo U2500 @ 1.20GHz	517	2246	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1503	NA	NA
Intel Core i3-330M @ 2.13GHz	1790	1572	36.88	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1074	1947	NA	NA
Intel Core i3-350M @ 2.27GHz	1895	1521	48.59	\$39.00
Intel Core i3-370M @ 2.40GHz	2018	1467	50.51	\$39.96
Intel Core i3-380M @ 2.53GHz	2095	1437	42.76	\$49.00*
Intel Core i3-380UM @ 1.33GHz	1166	1894	NA	NA
Intel Core i3-390M @ 2.67GHz	2176	1406	55.87	\$38.95*
Intel Core i3-530 @ 2.93GHz	2576	1258	112.01	\$23.00
Intel Core i3-540 @ 3.07GHz	2689	1223	112.06	\$24.00
Intel Core i3-550 @ 3.20GHz	2827	1175	28.35	\$99.75
Intel Core i3-560 @ 3.33GHz	2973	1128	16.52	\$179.95
Intel Core i3-2100 @ 3.10GHz	3681	938	122.71	\$30.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2100T @ 2.50GHz	2922	1146	24.35	\$119.99
Intel Core i3-2102 @ 3.10GHz	3736	927	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3721	929	31.54	\$118.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2120 @ 3.30GHz	3919	880	68.77	\$56.99
Intel Core i3-2120T @ 2.60GHz	3150	1079	27.88	\$113.00
Intel Core i3-2125 @ 3.30GHz	4018	858	23.78	\$169.00
Intel Core i3-2130 @ 3.40GHz	4058	849	37.07	\$109.50
Intel Core i3-2140 @ 3.50GHz	4325	806	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1170	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2427	1307	53.95	\$44.99
Intel Core i3-2312M @ 2.10GHz	2381	1324	NA	NA
Intel Core i3-2328M @ 2.20GHz	2535	1269	NA	NA
Intel Core i3-2330E @ 2.20GHz	3073	1096	NA	NA
Intel Core i3-2330M @ 2.20GHz	2523	1275	50.52	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1322	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1603	NA	NA
Intel Core i3-2348M @ 2.30GHz	2618	1242	NA	NA
Intel Core i3-2350M @ 2.30GHz	2619	1241	62.42	\$41.97*
Intel Core i3-2357M @ 1.30GHz	1589	1679	NA	NA
Intel Core i3-2365M @ 1.40GHz	1678	1629	NA	NA
Intel Core i3-2367M @ 1.40GHz	1703	1612	NA	NA
Intel Core i3-2370M @ 2.40GHz	2766	1199	46.89	\$59.00
Intel Core i3-2375M @ 1.50GHz	1773	1578	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1555	NA	NA
Intel Core i3-3110M @ 2.40GHz	3073	1097	38.44	\$79.95
Intel Core i3-3120M @ 2.50GHz	3216	1054	20.11	\$160.00*
Intel Core i3-3130M @ 2.60GHz	3374	1014	NA	NA
Intel Core i3-3210 @ 3.20GHz	4032	855	36.66	\$110.00
Intel Core i3-3217U @ 1.80GHz	2301	1352	6.63	\$347.12*
Intel Core i3-3217UE @ 1.60GHz	2162	1409	NA	NA
Intel Core i3-3220 @ 3.30GHz	4231	819	65.62	\$64.49
Intel Core i3-3220T @ 2.80GHz	3700	936	22.36	\$165.50
Intel Core i3-3225 @ 3.30GHz	4338	802	16.46	\$263.50
Intel Core i3-3227U @ 1.90GHz	2465	1297	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1694	1622	NA	NA
Intel Core i3-3240 @ 3.40GHz	4310	807	63.40	\$67.99
Intel Core i3-3240T @ 2.90GHz	3662	942	NA	NA
Intel Core i3-3245 @ 3.40GHz	4424	780	36.89	\$119.95
Intel Core i3-3250 @ 3.50GHz	4442	776	28.66	\$154.99*
Intel Core i3-3250T @ 3.00GHz	3021	1112	NA	NA
Intel Core i3-4000M @ 2.40GHz	3235	1050	16.18	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2449	1299	NA	NA
Intel Core i3-4010U @ 1.70GHz	2443	1303	20.66	\$118.29
Intel Core i3-4010Y @ 1.30GHz	1897	1518	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2188	1401	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2201	1396	NA	NA
Intel Core i3-4025U @ 1.90GHz	2774	1193	NA	NA
Intel Core i3-4030U @ 1.90GHz	2705	1219	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4030Y @ 1.60GHz	2507	1281	NA	NA
Intel Core i3-4100M @ 2.50GHz	3479	984	15.92	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	887	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1157	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4120U @ 2.00GHz	3050	1105	NA	NA
Intel Core i3-4130 @ 3.40GHz	4795	715	27.88	\$172.00
Intel Core i3-4130T @ 2.90GHz	4133	841	46.45	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4899	694	39.20	\$124.99
Intel Core i3-4150T @ 3.00GHz	4248	815	18.48	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1148	NA	NA
Intel Core i3-4160 @ 3.60GHz	5054	667	37.05	\$136.41
Intel Core i3-4160T @ 3.10GHz	4389	788	30.91	\$141.99*
Intel Core i3-4170 @ 3.70GHz	5184	647	35.76	\$145.00
Intel Core i3-4170T @ 3.20GHz	4578	753	30.53	\$149.95
Intel Core i3-4330 @ 3.50GHz	5089	659	12.73	\$399.95
Intel Core i3-4330T @ 3.00GHz	4482	774	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3161	1073	NA	NA
Intel Core i3-4340 @ 3.60GHz	5240	642	24.04	\$218.01*
Intel Core i3-4350 @ 3.60GHz	4963	683	38.19	\$129.99*
Intel Core i3-4350T @ 3.10GHz	4302	809	NA	NA
Intel Core i3-4360 @ 3.70GHz	5468	609	19.53	\$279.95
Intel Core i3-4360T @ 3.20GHz	4636	739	NA	NA
Intel Core i3-4370 @ 3.80GHz	5598	592	12.14	\$461.00
Intel Core i3-4370T @ 3.30GHz	4832	706	35.02	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	691	NA	NA
Intel Core i3-5005U @ 2.00GHz	2909	1150	NA	NA
Intel Core i3-5010U @ 2.10GHz	3057	1102	10.06	\$303.93*
Intel Core i3-5015U @ 2.10GHz	3035	1110	NA	NA
Intel Core i3-5020U @ 2.20GHz	3183	1063	6.93	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	941	NA	NA
Intel Core i3-6006U @ 2.00GHz	3157	1077	NA	NA
Intel Core i3-6098P @ 3.60GHz	5537	600	41.41	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5494	603	47.93	\$114.64
Intel Core i3-6100E @ 2.70GHz	3769	916	NA	NA
Intel Core i3-6100H @ 2.70GHz	4212	822	NA	NA
Intel Core i3-6100T @ 3.20GHz	4843	703	42.60	\$113.70
Intel Core i3-6100TE @ 2.70GHz	4341	800	NA	NA
Intel Core i3-6100U @ 2.30GHz	3566	964	6.93	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3830	897	NA	NA
Intel Core i3-6300 @ 3.80GHz	5856	558	41.61	\$140.74
Intel Core i3-6300T @ 3.30GHz	5253	641	31.47	\$166.95
Intel Core i3-6320 @ 3.90GHz	6046	541	36.48	\$165.76
Intel Core i3-7100 @ 3.90GHz	5806	565	50.49	\$114.99
Intel Core i3-7100H @ 3.00GHz	4776	716	21.23	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5059	665	NA	NA
Intel Core i3-7100U @ 2.40GHz	3779	913	NA	NA
Intel Core i3-7101TE @ 3.40GHz	5016	674	42.88	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4171	831	14.85	\$281.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7300 @ 4.00GHz	6442	503	40.75	\$158.10
Intel Core i3-7300T @ 3.50GHz	5366	624	NA	NA
Intel Core i3-7320 @ 4.10GHz	6557	492	26.24	\$249.92
Intel Core i3-7350K @ 4.20GHz	6623	488	38.63	\$171.45
Intel Core i3-8100 @ 3.60GHz	8073	365	67.90	\$118.90
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8130U @ 2.20GHz	5286	638	18.81	\$281.00*
Intel Core i3-8350K @ 4.00GHz	9189	284	52.51	\$174.99
Intel Core i5 750S @ 2.40GHz	2197	1398	8.72	\$252.01
Intel Core i5 E 520 @ 2.40GHz	2486	1291	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3618	947	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3777	914	NA	NA
Intel Core i5-430M @ 2.27GHz	2101	1436	15.02	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1339	1792	NA	NA
Intel Core i5-450M @ 2.40GHz	2109	1433	66.04	\$31.95*
Intel Core i5-460M @ 2.53GHz	2333	1338	31.13	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1273	1836	NA	NA
Intel Core i5-480M @ 2.67GHz	2412	1314	29.93	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1383	NA	NA
Intel Core i5-520M @ 2.40GHz	2374	1326	39.58	\$59.99*
Intel Core i5-520UM @ 1.07GHz	1356	1784	NA	NA
Intel Core i5-540M @ 2.53GHz	2449	1300	12.90	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1400	1759	NA	NA
Intel Core i5-560M @ 2.67GHz	2590	1251	28.79	\$89.97
Intel Core i5-560UM @ 1.33GHz	1664	1641	NA	NA
Intel Core i5-580M @ 2.67GHz	2624	1239	23.87	\$109.95*
Intel Core i5-650 @ 3.20GHz	3107	1087	24.82	\$125.20
Intel Core i5-655K @ 3.20GHz	3399	1007	NA	NA
Intel Core i5-660 @ 3.33GHz	3258	1042	22.64	\$143.95
Intel Core i5-661 @ 3.33GHz	3186	1062	12.65	\$252.01
Intel Core i5-670 @ 3.47GHz	3312	1028	13.15	\$252.01
Intel Core i5-680 @ 3.60GHz	3506	978	12.89	\$272.01
Intel Core i5-750 @ 2.67GHz	3703	934	18.47	\$200.50
Intel Core i5-760 @ 2.80GHz	3896	884	17.17	\$227.00
Intel Core i5-2300 @ 2.80GHz	5350	631	53.51	\$99.99
Intel Core i5-2310 @ 2.90GHz	5524	602	84.99	\$65.00*
Intel Core i5-2320 @ 3.00GHz	5755	572	22.14	\$259.95
Intel Core i5-2380P @ 3.10GHz	5679	580	31.55	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4260	813	42.65	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5941	548	67.51	\$88.00
Intel Core i5-2400S @ 2.50GHz	4939	689	75.99	\$65.00
Intel Core i5-2405S @ 2.50GHz	5029	670	30.59	\$164.40*
Intel Core i5-2410M @ 2.30GHz	3167	1068	43.99	\$72.00
Intel Core i5-2415M @ 2.30GHz	3299	1031	NA	NA
Intel Core i5-2430M @ 2.40GHz	3280	1034	16.41	\$199.95*
Intel Core i5-2435M @ 2.40GHz	3225	1051	NA	NA
Intel Core i5-2450M @ 2.50GHz	3400	1005	26.15	\$130.00*
Intel Core i5-2450P @ 3.20GHz	6132	533	31.45	\$195.00*
Intel Core i5-2467M @ 1.60GHz	2335	1337	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2500 @ 3.30GHz	6319	516	44.51	\$142.00
Intel Core i5-2500K @ 3.30GHz	6472	499	13.21	\$489.95
Intel Core i5-2500S @ 2.70GHz	5298	637	39.04	\$135.70
Intel Core i5-2500T @ 2.30GHz	4680	730	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	939	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1027	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	3584	959	21.13	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2084	1443	NA	NA
Intel Core i5-2540M @ 2.60GHz	3786	910	54.14	\$69.95
Intel Core i5-2550K @ 3.40GHz	6702	477	35.47	\$189.00*
Intel Core i5-2557M @ 1.70GHz	2651	1232	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	923	NA	NA
Intel Core i5-3210M @ 2.50GHz	3818	900	31.75	\$120.29
Intel Core i5-3230M @ 2.60GHz	3935	878	15.76	\$249.65*
Intel Core i5-3317U @ 1.70GHz	3089	1091	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4107	845	33.47	\$122.74*
Intel Core i5-3330 @ 3.00GHz	5919	551	16.45	\$359.95
Intel Core i5-3330S @ 2.70GHz	5661	582	25.21	\$224.59*
Intel Core i5-3335S @ 2.70GHz	5788	567	NA	NA
Intel Core i5-3337U @ 1.80GHz	3215	1055	14.29	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2228	1388	NA	NA
Intel Core i5-3340 @ 3.10GHz	6076	538	29.50	\$205.99
Intel Core i5-3340M @ 2.70GHz	4238	818	53.02	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5810	564	18.16	\$320.00
Intel Core i5-3350P @ 3.10GHz	6138	530	27.16	\$225.99
Intel Core i5-3360M @ 2.80GHz	4427	779	45.14	\$98.08*
Intel Core i5-3380M @ 2.90GHz	4419	782	NA	NA
Intel Core i5-3427U @ 1.80GHz	3543	968	8.44	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3628	946	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1145	NA	NA
Intel Core i5-3450 @ 3.10GHz	6509	497	31.14	\$209.00
Intel Core i5-3450S @ 2.80GHz	6184	523	36.62	\$168.90
Intel Core i5-3470 @ 3.20GHz	6673	482	54.76	\$121.86
Intel Core i5-3470S @ 2.90GHz	6325	515	42.35	\$149.34
Intel Core i5-3470T @ 2.90GHz	4500	771	19.95	\$225.57*
Intel Core i5-3475S @ 2.90GHz	6527	495	75.99	\$85.90*
Intel Core i5-3550 @ 3.30GHz	6918	465	27.30	\$253.40
Intel Core i5-3550S @ 3.00GHz	6845	469	29.70	\$230.51
Intel Core i5-3570 @ 3.40GHz	7084	449	29.66	\$238.88
Intel Core i5-3570K @ 3.40GHz	7166	438	24.29	\$294.99
Intel Core i5-3570S @ 3.10GHz	6681	480	23.44	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5877	556	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3786	911	NA	NA
Intel Core i5-4200H @ 2.80GHz	4438	777	NA	NA
Intel Core i5-4200M @ 2.50GHz	4040	854	22.45	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3283	1033	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1316	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2261	1376	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4210H @ 2.90GHz	4549	762	NA	NA
Intel Core i5-4210M @ 2.60GHz	4191	827	13.52	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3399	1006	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2369	1328	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1375	NA	NA
Intel Core i5-4250U @ 1.30GHz	3454	992	9.62	\$358.99
Intel Core i5-4258U @ 2.40GHz	4097	846	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4260U @ 1.40GHz	3593	954	NA	NA
Intel Core i5-4278U @ 2.60GHz	4358	796	NA	NA
Intel Core i5-4288U @ 2.60GHz	4355	798	NA	NA
Intel Core i5-4300M @ 2.60GHz	4400	784	NA	NA
Intel Core i5-4300U @ 1.90GHz	3743	926	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2503	1284	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2973	1127	NA	NA
Intel Core i5-4308U @ 2.80GHz	4141	838	NA	NA
Intel Core i5-4310M @ 2.70GHz	4593	750	NA	NA
Intel Core i5-4310U @ 2.00GHz	3706	931	NA	NA
Intel Core i5-4330M @ 2.80GHz	4590	751	16.69	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4810	712	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	950	NA	NA
Intel Core i5-4400E @ 2.70GHz	1271	1838	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	873	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1186	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6299	517	26.25	\$239.95
Intel Core i5-4430S @ 2.70GHz	5910	554	39.94	\$147.99*
Intel Core i5-4440 @ 3.10GHz	6482	498	8.21	\$789.74
Intel Core i5-4440S @ 2.80GHz	6184	522	19.95	\$309.99*
Intel Core i5-4460 @ 3.20GHz	6699	479	35.64	\$188.00
Intel Core i5-4460S @ 2.90GHz	6395	512	9.69	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4953	684	NA	NA
Intel Core i5-4570 @ 3.20GHz	7099	448	31.18	\$227.65
Intel Core i5-4570R @ 2.70GHz	6700	478	NA	NA
Intel Core i5-4570S @ 2.90GHz	6762	474	24.21	\$279.30
Intel Core i5-4570T @ 2.90GHz	4815	709	13.94	\$345.50*
Intel Core i5-4570TE @ 2.70GHz	4008	862	14.93	\$268.42*
Intel Core i5-4590 @ 3.30GHz	7275	431	28.10	\$258.95
Intel Core i5-4590S @ 3.00GHz	6988	456	18.89	\$369.98*
Intel Core i5-4590T @ 2.00GHz	5598	591	NA	NA
Intel Core i5-4670 @ 3.40GHz	7416	419	20.71	\$358.16
Intel Core i5-4670K @ 3.40GHz	7629	402	31.79	\$240.00
Intel Core i5-4670K CPT @ 3.40GHz	7411	420	NA	NA
Intel Core i5-4670S @ 3.10GHz	6436	505	NA	NA
Intel Core i5-4670T @ 2.30GHz	6234	518	29.69	\$209.99*
Intel Core i5-4690 @ 3.50GHz	7635	401	24.63	\$309.95
Intel Core i5-4690K @ 3.50GHz	7790	388	23.66	\$329.25
Intel Core i5-4690S @ 3.20GHz	7427	417	13.05	\$569.00
Intel Core i5-4690T @ 2.50GHz	6429	508	NA	NA
Intel Core i5-5200U @ 2.20GHz	3492	979	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-5250U @ 1.60GHz	3594	953	8.13	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4398	785	NA	NA
Intel Core i5-5287U @ 2.90GHz	4681	729	NA	NA
Intel Core i5-5300U @ 2.30GHz	3789	907	7.65	\$495.14*
Intel Core i5-5350U @ 1.80GHz	3316	1026	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	416	NA	NA
Intel Core i5-5675C @ 3.10GHz	8182	356	15.98	\$512.08*
Intel Core i5-5675R @ 3.10GHz	8061	366	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6198DU @ 2.30GHz	4166	835	NA	NA
Intel Core i5-6200U @ 2.30GHz	4013	859	NA	NA
Intel Core i5-6260U @ 1.80GHz	4362	795	8.41	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4950	686	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	720	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6076	539	NA	NA
Intel Core i5-6300U @ 2.40GHz	4364	794	NA	NA
Intel Core i5-6360U @ 2.00GHz	4836	704	NA	NA
Intel Core i5-6400 @ 2.70GHz	6761	475	37.45	\$180.53
Intel Core i5-6400T @ 2.20GHz	5604	589	33.16	\$169.00
Intel Core i5-6402P @ 2.80GHz	7362	424	38.75	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	568	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6785	472	NA	NA
Intel Core i5-6500 @ 3.20GHz	7232	433	38.07	\$189.98
Intel Core i5-6500T @ 2.50GHz	6229	519	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6585	490	NA	NA
Intel Core i5-6600 @ 3.30GHz	7761	391	34.40	\$225.65
Intel Core i5-6600K @ 3.50GHz	8044	370	31.67	\$254.00
Intel Core i5-6600T @ 2.70GHz	7302	430	36.51	\$199.99
Intel Core i5-7200U @ 2.50GHz	4652	734	NA	NA
Intel Core i5-7260U @ 2.20GHz	5712	577	NA	NA
Intel Core i5-7267U @ 3.10GHz	5060	664	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6851	467	NA	NA
Intel Core i5-7300U @ 2.60GHz	5134	652	NA	NA
Intel Core i5-7360U @ 2.30GHz	5960	546	NA	NA
Intel Core i5-7400 @ 3.00GHz	7392	421	43.49	\$169.99
Intel Core i5-7400T @ 2.40GHz	6448	501	40.55	\$159.00
Intel Core i5-7440HQ @ 2.80GHz	7987	375	NA	NA
Intel Core i5-7500 @ 3.40GHz	8084	364	41.46	\$194.99
Intel Core i5-7500T @ 2.70GHz	7132	445	34.51	\$206.68
Intel Core i5-7600 @ 3.50GHz	8860	315	40.47	\$218.95
Intel Core i5-7600K @ 3.80GHz	9154	289	39.53	\$231.58
Intel Core i5-7600T @ 2.80GHz	8163	358	35.65	\$228.99
Intel Core i5-7640X @ 4.00GHz	9375	272	47.12	\$198.99
Intel Core i5-8250U @ 1.60GHz	7608	405	NA	NA
Intel Core i5-8350U @ 1.70GHz	8639	332	29.09	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11778	159	60.87	\$193.50
Intel Core i5-8500 @ 3.00GHz	12416	144	60.57	\$204.99*
Intel Core i5-8500T @ 2.10GHz	10499	192	53.88	\$194.87*
Intel Core i5-8600K @ 3.60GHz	12797	136	53.55	\$238.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-24050S @ 2.50GHz	4928	692	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3797	906	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1487	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1265	NA	NA
Intel Core i7-620LM @ 2.00GHz	1952	1494	NA	NA
Intel Core i7-620M @ 2.67GHz	2729	1213	24.81	\$110.01
Intel Core i7-620UM @ 1.07GHz	1323	1801	NA	NA
Intel Core i7-640LM @ 2.13GHz	2246	1381	NA	NA
Intel Core i7-640M @ 2.80GHz	2849	1169	17.82	\$159.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-640UM @ 1.20GHz	1672	1633	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1593	NA	NA
Intel Core i7-680UM @ 1.47GHz	1686	1627	NA	NA
Intel Core i7-720QM @ 1.60GHz	3020	1113	27.47	\$109.95
Intel Core i7-740QM @ 1.73GHz	3200	1058	29.11	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3243	1047	23.33	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3408	1002	11.75	\$289.97*
Intel Core i7-860 @ 2.80GHz	5025	672	17.92	\$280.46
Intel Core i7-860S @ 2.53GHz	4711	724	11.16	\$422.01
Intel Core i7-870 @ 2.93GHz	5365	625	17.31	\$309.95
Intel Core i7-870S @ 2.67GHz	4969	681	NA	NA
Intel Core i7-875K @ 2.93GHz	5449	614	11.21	\$486.01
Intel Core i7-880 @ 3.07GHz	5679	579	9.74	\$583.00*
Intel Core i7-920 @ 2.67GHz	4938	690	13.76	\$358.95
Intel Core i7-920XM @ 2.00GHz	3783	912	22.86	\$165.55*
Intel Core i7-930 @ 2.80GHz	5154	649	10.13	\$508.95
Intel Core i7-940 @ 2.93GHz	5377	622	17.98	\$299.00
Intel Core i7-940XM @ 2.13GHz	3937	876	NA	NA
Intel Core i7-950 @ 3.07GHz	5573	594	17.98	\$309.99
Intel Core i7-960 @ 3.20GHz	5841	562	19.80	\$295.00
Intel Core i7-965 @ 3.20GHz	5867	557	16.34	\$359.00
Intel Core i7-970 @ 3.20GHz	8415	344	15.30	\$550.00
Intel Core i7-975 @ 3.33GHz	6135	531	9.35	\$656.01
Intel Core i7-980 @ 3.33GHz	8716	324	12.45	\$699.99
Intel Core i7-980X @ 3.33GHz	8826	320	11.03	\$799.99
Intel Core i7-985 @ 3.47GHz	6641	485	NA	NA
Intel Core i7-990X @ 3.47GHz	9119	292	17.92	\$509.00
Intel Core i7-995X @ 3.60GHz	9791	241	NA	NA
Intel Core i7-2600 @ 3.40GHz	8205	354	43.19	\$189.99
Intel Core i7-2600K @ 3.40GHz	8456	342	19.40	\$436.00
Intel Core i7-2600S @ 2.80GHz	7077	451	20.41	\$346.69
Intel Core i7-2610UE @ 1.50GHz	2481	1293	NA	NA
Intel Core i7-2617M @ 1.50GHz	2818	1180	NA	NA
Intel Core i7-2620M @ 2.70GHz	3836	894	21.41	\$179.21*
Intel Core i7-2630QM @ 2.00GHz	5541	599	42.96	\$129.00*
Intel Core i7-2630UM @ 1.60GHz	2584	1253	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5460	611	NA	NA
Intel Core i7-2637M @ 1.70GHz	2904	1154	NA	NA
Intel Core i7-2640M @ 2.80GHz	3931	879	21.14	\$185.97

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2655LE @ 2.20GHz	3161	1074	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5907	555	43.82	\$134.79*
Intel Core i7-2675QM @ 2.20GHz	5544	598	NA	NA
Intel Core i7-2677M @ 1.80GHz	2829	1174	NA	NA
Intel Core i7-2700K @ 3.50GHz	8732	323	28.26	\$309.00
Intel Core i7-2710QE @ 2.10GHz	5768	570	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	626	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6108	537	35.94	\$169.97*
Intel Core i7-2760QM @ 2.40GHz	6576	491	46.99	\$139.95
Intel Core i7-2820QM @ 2.30GHz	6637	486	18.44	\$359.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2840QM @ 2.40GHz	6766	473	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7007	455	11.68	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7108	447	11.67	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7148	440	17.44	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3590	957	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1024	NA	NA
Intel Core i7-3520M @ 2.90GHz	4534	765	19.30	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3846	891	NA	NA
Intel Core i7-3540M @ 3.00GHz	4644	736	10.80	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	4130	842	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	500	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7472	414	18.68	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6428	509	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6827	471	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	426	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7363	423	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7592	406	32.18	\$235.90
Intel Core i7-3632QM @ 2.20GHz	6932	463	20.69	\$335.00*
Intel Core i7-3635QM @ 2.40GHz	6651	484	NA	NA
Intel Core i7-3667U @ 2.00GHz	4002	863	NA	NA
Intel Core i7-3687U @ 2.10GHz	4188	828	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3269	1035	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8122	362	24.27	\$334.72*
Intel Core i7-3740QM @ 2.70GHz	8341	347	34.76	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9303	278	28.73	\$323.85
Intel Core i7-3770K @ 3.50GHz	9530	258	28.12	\$338.94
Intel Core i7-3770S @ 3.10GHz	8880	313	41.52	\$213.90
Intel Core i7-3770T @ 2.50GHz	8190	355	24.82	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9003	303	25.37	\$354.90
Intel Core i7-3820QM @ 2.70GHz	8462	341	17.38	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8805	321	26.29	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9151	290	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	12015	154	19.86	\$604.95
Intel Core i7-3940XM @ 3.00GHz	9312	277	17.28	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12633	142	16.86	\$749.50
Intel Core i7-3970X @ 3.50GHz	12643	140	29.06	\$435.00
Intel Core i7-4500U @ 1.80GHz	3788	908	NA	NA
Intel Core i7-4510U @ 2.00GHz	3937	877	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4550U @ 1.50GHz	3759	920	NA	NA
Intel Core i7-4558U @ 2.80GHz	4369	791	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	804	NA	NA
Intel Core i7-4578U @ 3.00GHz	4745	721	NA	NA
Intel Core i7-4600M @ 2.90GHz	4833	705	NA	NA
Intel Core i7-4600U @ 2.10GHz	4110	844	NA	NA
Intel Core i7-4610M @ 3.00GHz	4967	682	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	925	NA	NA
Intel Core i7-4650U @ 1.70GHz	3988	866	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	437	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7741	395	20.21	\$383.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4700MQ @ 2.40GHz	7694	397	40.71	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7495	413	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7138	443	NA	NA
Intel Core i7-4710HQ @ 2.50GHz	7749	394	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7984	376	29.40	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7517	410	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7149	439	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8013	372	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	368	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8278	350	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	336	NA	NA
Intel Core i7-4765T @ 2.00GHz	7304	429	27.05	\$269.99*
Intel Core i7-4770 @ 3.40GHz	9793	240	26.22	\$373.50
Intel Core i7-4770HQ @ 2.20GHz	8946	308	NA	NA
Intel Core i7-4770K @ 3.50GHz	10105	217	21.74	\$464.91
Intel Core i7-4770R @ 3.20GHz	9827	238	NA	NA
Intel Core i7-4770S @ 3.10GHz	9342	273	13.74	\$680.00
Intel Core i7-4770T @ 2.50GHz	8660	329	28.03	\$308.99*
Intel Core i7-4770TE @ 2.30GHz	7065	452	NA	NA
Intel Core i7-4771 @ 3.50GHz	9880	234	11.89	\$831.00
Intel Core i7-4785T @ 2.20GHz	7623	403	NA	NA
Intel Core i7-4790 @ 3.60GHz	9996	227	29.80	\$335.49
Intel Core i7-4790K @ 4.00GHz	11189	168	29.76	\$375.99
Intel Core i7-4790S @ 3.20GHz	9564	255	25.28	\$378.33
Intel Core i7-4790T @ 2.70GHz	9057	298	25.23	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8496	338	16.66	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8650	330	20.36	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9729	248	23.73	\$409.99
Intel Core i7-4850HQ @ 2.30GHz	9029	300	20.80	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7925	381	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9228	282	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9337	275	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9060	297	14.87	\$609.29*
Intel Core i7-4910MQ @ 2.90GHz	9471	265	20.59	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13039	131	18.37	\$709.90
Intel Core i7-4930MX @ 3.00GHz	9513	259	8.68	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9900	232	15.00	\$659.95*

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	9785	243	15.71	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13833	114	7.94	\$1,741.73
Intel Core i7-4980HQ @ 2.80GHz	10180	209	NA	NA
Intel Core i7-5500U @ 2.40GHz	3970	870	NA	NA
Intel Core i7-5550U @ 2.00GHz	4254	814	NA	NA
Intel Core i7-5557U @ 3.10GHz	4951	685	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4304	808	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	820	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	357	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	352	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8387	345	NA	NA
Intel Core i7-5775C @ 3.30GHz	11013	176	25.00	\$440.44*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5775R @ 3.30GHz	10837	181	NA	NA
Intel Core i7-5820K @ 3.30GHz	12998	132	28.73	\$452.50
Intel Core i7-5850HQ @ 2.70GHz	9459	266	NA	NA
Intel Core i7-5930K @ 3.50GHz	13642	120	22.25	\$613.07
Intel Core i7-5950HQ @ 2.90GHz	10949	178	NA	NA
Intel Core i7-5960X @ 3.00GHz	15978	78	17.73	\$901.31
Intel Core i7-6498DU @ 2.50GHz	4562	758	NA	NA
Intel Core i7-6500U @ 2.50GHz	4435	778	NA	NA
Intel Core i7-6560U @ 2.20GHz	4801	714	NA	NA
Intel Core i7-6567U @ 3.30GHz	5630	586	NA	NA
Intel Core i7-6600U @ 2.60GHz	4810	713	NA	NA
Intel Core i7-6650U @ 2.20GHz	4949	687	NA	NA
Intel Core i7-6700 @ 3.40GHz	10036	224	33.00	\$304.18
Intel Core i7-6700HQ @ 2.60GHz	8143	360	5.40	\$1,509.00*
Intel Core i7-6700K @ 4.00GHz	11110	169	25.20	\$440.85
Intel Core i7-6700T @ 2.80GHz	9037	299	18.27	\$494.76*
Intel Core i7-6700TE @ 2.40GHz	8914	311	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9715	250	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13602	123	33.18	\$409.99
Intel Core i7-6820EQ @ 2.80GHz	8968	305	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9162	288	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8783	322	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	510	NA	NA
Intel Core i7-6850K @ 3.60GHz	14388	103	32.05	\$449.00
Intel Core i7-6900K @ 3.20GHz	17690	53	16.43	\$1,077.04
Intel Core i7-6920HQ @ 2.90GHz	9600	253	NA	NA
Intel Core i7-6950X @ 3.00GHz	19999	29	12.69	\$1,575.55
Intel Core i7-7500U @ 2.70GHz	5209	644	NA	NA
Intel Core i7-7560U @ 2.40GHz	5910	553	NA	NA
Intel Core i7-7567U @ 3.50GHz	6537	493	NA	NA
Intel Core i7-7600U @ 2.80GHz	5564	595	NA	NA
Intel Core i7-7660U @ 2.50GHz	6143	529	NA	NA
Intel Core i7-7700 @ 3.60GHz	10782	183	35.50	\$303.69
Intel Core i7-7700HQ @ 2.80GHz	8865	314	NA	NA
Intel Core i7-7700K @ 4.20GHz	12069	153	39.70	\$303.99
Intel Core i7-7700T @ 2.90GHz	9244	281	28.98	\$319.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7740X @ 4.30GHz	12238	149	34.06	\$359.34
Intel Core i7-7800X @ 3.50GHz	14501	98	38.16	\$379.99
Intel Core i7-7820HK @ 2.90GHz	10055	222	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9452	267	NA	NA
Intel Core i7-7820X @ 3.60GHz	18640	39	39.66	\$469.99
Intel Core i7-7900X @ 3.30GHz	18539	41	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10190	207	NA	NA
Intel Core i7-8550U @ 1.80GHz	8291	349	NA	NA
Intel Core i7-8650U @ 1.90GHz	9092	295	NA	NA
Intel Core i7-8700 @ 3.20GHz	15249	87	50.50	\$301.99*
Intel Core i7-8700K @ 3.70GHz	16060	76	46.28	\$347.06
Intel Core i7-8700T @ 2.40GHz	13526	127	32.11	\$421.21*
Intel Core i7-8705G @ 3.10GHz	10075	220	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8750H @ 2.20GHz	11977	155	30.32	\$395.00*
Intel Core i7-8809G @ 3.10GHz	10124	215	NA	NA
Intel Core i9-7900X @ 3.30GHz	22283	15	24.17	\$921.99
Intel Core i9-7920X @ 2.90GHz	23238	11	21.11	\$1,101.01
Intel Core i9-7940X @ 3.10GHz	25047	8	18.29	\$1,369.79
Intel Core i9-7960X @ 2.80GHz	25592	5	16.36	\$1,564.14
Intel Core i9-7980XE @ 2.60GHz	27764	3	14.68	\$1,891.27
Intel Core m3-6Y30 @ 0.90GHz	3051	1104	NA	NA
Intel Core m3-7Y30 @ 1.00GHz	3549	967	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3527	972	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3367	1016	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3213	1056	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3521	975	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2737	1210	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2150	1414	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2825	1176	10.06	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2652	1230	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2527	1272	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1115	NA	NA
Intel Core M-5Y71 @ 1.20GHz	3056	1103	10.88	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	395	2375	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2372	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2290	NA	NA
Intel Core Solo U1300 @ 1.06GHz	276	2529	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2527	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2447	NA	NA
Intel E3000 @ 3.40GHz	2767	1198	NA	NA
Intel Pentium 4 1.40GHz	164	2634	NA	NA
Intel Pentium 4 1.50GHz	131	2650	NA	NA
Intel Pentium 4 1.60GHz	129	2652	NA	NA
Intel Pentium 4 1.70GHz	132	2649	NA	NA
Intel Pentium 4 1.80GHz	161	2637	NA	NA
Intel Pentium 4 1.90GHz	159	2638	NA	NA
Intel Pentium 4 2.00GHz	189	2615	NA	NA
Intel Pentium 4 2.20GHz	210	2598	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.26GHz	221	2588	NA	NA
Intel Pentium 4 2.40GHz	228	2581	NA	NA
Intel Pentium 4 2.50GHz	245	2565	NA	NA
Intel Pentium 4 2.53GHz	248	2562	NA	NA
Intel Pentium 4 2.60GHz	288	2504	NA	NA
Intel Pentium 4 2.66GHz	254	2552	NA	NA
Intel Pentium 4 2.80GHz	322	2453	NA	NA
Intel Pentium 4 2.93GHz	297	2491	NA	NA
Intel Pentium 4 3.00GHz	353	2425	NA	NA
Intel Pentium 4 3.06GHz	347	2429	NA	NA
Intel Pentium 4 3.20GHz	375	2395	NA	NA
Intel Pentium 4 3.40GHz	396	2374	NA	NA
Intel Pentium 4 3.46GHz	487	2270	NA	NA
Intel Pentium 4 3.60GHz	490	2267	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 3.73GHz	486	2272	NA	NA
Intel Pentium 4 3.80GHz	485	2277	NA	NA
Intel Pentium 4 4.00GHz	184	2620	NA	NA
Intel Pentium 4 1300MHz	119	2656	NA	NA
Intel Pentium 4 1400MHz	127	2653	NA	NA
Intel Pentium 4 1500MHz	125	2654	NA	NA
Intel Pentium 4 1600MHz	193	2614	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2641	NA	NA
Intel Pentium 4 1800MHz	162	2636	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2644	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2610	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2626	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2600	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2629	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2599	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2606	NA	NA
Intel Pentium 5 2.66GHz	705	2152	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	1931	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1153	1901	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	1904	NA	NA
Intel Pentium 987 @ 1.50GHz	1219	1865	NA	NA
Intel Pentium 997 @ 1.60GHz	1447	1741	NA	NA
Intel Pentium 1403 @ 2.60GHz	2747	1207	NA	NA
Intel Pentium 2020M @ 2.40GHz	2289	1358	17.09	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2414	1311	18.02	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1660	1643	12.40	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1824	1557	13.61	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1051	1956	7.85	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2303	1348	NA	NA
Intel Pentium 3556U @ 1.70GHz	1714	1607	NA	NA
Intel Pentium 3558U @ 1.70GHz	1689	1625	NA	NA
Intel Pentium 3560M @ 2.40GHz	2275	1368	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1841	NA	NA
Intel Pentium 3805U @ 1.90GHz	1989	1481	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 3825U @ 1.90GHz	2538	1268	NA	NA
Intel Pentium 4405U @ 2.10GHz	2970	1130	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1449	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2094	1438	13.01	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3189	1061	NA	NA
Intel Pentium A1018 @ 2.10GHz	1605	1670	NA	NA
Intel Pentium B940 @ 2.00GHz	1725	1601	57.65	\$29.94*
Intel Pentium B950 @ 2.10GHz	1716	1606	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1543	37.82	\$48.99*
Intel Pentium B970 @ 2.30GHz	1954	1492	38.33	\$50.99*
Intel Pentium B980 @ 2.40GHz	2044	1456	29.23	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3843	892	29.79	\$129.00*
Intel Pentium D 805 @ 2.66GHz	536	2235	NA	NA
Intel Pentium D 830 @ 3.00GHz	643	2180	NA	NA
Intel Pentium D 915 @ 2.80GHz	583	2208	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium D 940 @ 3.20GHz	709	2149	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2132	NA	NA
Intel Pentium D 960 @ 3.60GHz	814	2103	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2072	5.50	\$157.95
Intel Pentium E2160 @ 1.80GHz	997	1992	28.50	\$35.00
Intel Pentium E2180 @ 2.00GHz	1088	1938	41.53	\$26.20*
Intel Pentium E2200 @ 2.20GHz	1204	1875	7.62	\$157.95
Intel Pentium E2210 @ 2.20GHz	1174	1886	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	1796	8.43	\$157.95
Intel Pentium E5200 @ 2.50GHz	1488	1723	9.42	\$157.95
Intel Pentium E5300 @ 2.60GHz	1542	1696	61.80	\$24.95
Intel Pentium E5400 @ 2.70GHz	1594	1676	10.10	\$157.95
Intel Pentium E5500 @ 2.80GHz	1638	1653	10.37	\$157.95
Intel Pentium E5700 @ 3.00GHz	1741	1594	124.49	\$13.99
Intel Pentium E5800 @ 3.20GHz	1902	1517	43.23	\$44.00
Intel Pentium E6300 @ 2.80GHz	1705	1610	114.08	\$14.95*
Intel Pentium E6500 @ 2.93GHz	1764	1583	11.17	\$157.95
Intel Pentium E6600 @ 3.06GHz	1877	1534	134.11	\$14.00
Intel Pentium E6700 @ 3.20GHz	1942	1499	37.43	\$51.90
Intel Pentium E6800 @ 3.33GHz	2001	1475	2.41	\$831.38*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2056	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2010	NA	NA
Intel Pentium G620 @ 2.60GHz	2296	1356	91.89	\$24.99
Intel Pentium G620T @ 2.20GHz	2052	1453	25.66	\$79.99*
Intel Pentium G630 @ 2.70GHz	2371	1327	94.90	\$24.99
Intel Pentium G630T @ 2.30GHz	2122	1427	26.54	\$79.99*
Intel Pentium G640 @ 2.80GHz	2527	1273	101.12	\$24.99
Intel Pentium G640T @ 2.40GHz	1894	1522	NA	NA
Intel Pentium G645 @ 2.90GHz	2588	1252	27.25	\$95.00*
Intel Pentium G645T @ 2.50GHz	2286	1360	NA	NA
Intel Pentium G840 @ 2.80GHz	2574	1259	42.92	\$59.99*
Intel Pentium G850 @ 2.90GHz	2660	1229	76.24	\$34.90
Intel Pentium G860 @ 3.00GHz	2750	1205	91.71	\$29.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G870 @ 3.10GHz	2832	1173	29.20	\$97.00
Intel Pentium G2010 @ 2.80GHz	2625	1238	72.94	\$35.99
Intel Pentium G2020 @ 2.90GHz	2768	1197	46.18	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2469	1296	51.88	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2878	1164	70.23	\$40.99
Intel Pentium G2030T @ 2.60GHz	2490	1288	38.91	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1187	NA	NA
Intel Pentium G2120 @ 3.10GHz	3082	1094	35.83	\$86.05
Intel Pentium G2130 @ 3.20GHz	3212	1057	40.16	\$79.99
Intel Pentium G2140 @ 3.30GHz	3384	1010	42.34	\$79.95
Intel Pentium G3220 @ 3.00GHz	3140	1082	30.60	\$102.60*
Intel Pentium G3220T @ 2.60GHz	2601	1247	65.05	\$39.99*
Intel Pentium G3240 @ 3.10GHz	3175	1066	44.80	\$70.88*
Intel Pentium G3240T @ 2.70GHz	2936	1143	NA	NA
Intel Pentium G3250 @ 3.20GHz	3263	1038	34.37	\$94.95*
Intel Pentium G3250T @ 2.80GHz	2970	1129	64.59	\$45.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3258 @ 3.20GHz	3900	882	21.88	\$178.28
Intel Pentium G3260 @ 3.30GHz	3382	1011	30.75	\$110.00
Intel Pentium G3260T @ 2.90GHz	2914	1147	29.15	\$99.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1320	NA	NA
Intel Pentium G3420 @ 3.20GHz	3410	1001	31.01	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1118	28.58	\$105.25
Intel Pentium G3430 @ 3.30GHz	3474	985	29.92	\$116.15*
Intel Pentium G3440 @ 3.30GHz	3304	1029	20.19	\$163.67*
Intel Pentium G3440T @ 2.80GHz	3101	1089	NA	NA
Intel Pentium G3450 @ 3.40GHz	3704	933	21.11	\$175.48*
Intel Pentium G3450T @ 2.90GHz	2967	1131	NA	NA
Intel Pentium G3460 @ 3.50GHz	3593	956	12.47	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3706	932	35.54	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3577	960	67.51	\$52.99
Intel Pentium G4400T @ 2.90GHz	3245	1046	NA	NA
Intel Pentium G4500 @ 3.50GHz	3857	890	54.48	\$70.80
Intel Pentium G4500T @ 3.00GHz	3471	988	NA	NA
Intel Pentium G4520 @ 3.60GHz	4195	825	51.34	\$81.72
Intel Pentium G4560 @ 3.50GHz	4892	695	76.88	\$63.64
Intel Pentium G4560T @ 2.90GHz	4137	840	55.52	\$74.52*
Intel Pentium G4600 @ 3.60GHz	5430	617	61.71	\$88.00
Intel Pentium G4600T @ 3.00GHz	4328	805	43.20	\$100.20
Intel Pentium G4620 @ 3.70GHz	5266	640	52.49	\$100.34*
Intel Pentium G6950 @ 2.80GHz	1859	1541	14.88	\$125.00
Intel Pentium G6951 @ 2.80GHz	2140	1419	22.77	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2101	1435	NA	NA
Intel Pentium III 933S @ 933MHz	238	2573	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2513	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2526	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2471	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2492	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2489	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III Mobile 750MHz	103	2659	NA	NA
Intel Pentium III Mobile 800MHz	182	2624	NA	NA
Intel Pentium III Mobile 866MHz	152	2642	NA	NA
Intel Pentium III Mobile 933MHz	218	2590	8.58	\$25.51*
Intel Pentium III Mobile 1000MHz	245	2564	NA	NA
Intel Pentium III Mobile 1066MHz	268	2538	NA	NA
Intel Pentium III Mobile 1133MHz	251	2558	NA	NA
Intel Pentium III Mobile 1200MHz	262	2545	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1552	NA	NA
Intel Pentium J2900 @ 2.41GHz	1972	1485	NA	NA
Intel Pentium J3710 @ 1.60GHz	1970	1486	NA	NA
Intel Pentium J4205 @ 1.50GHz	2299	1354	NA	NA
Intel Pentium M 1.10GHz	282	2518	NA	NA
Intel Pentium M 1.20GHz	298	2490	NA	NA
Intel Pentium M 1.30GHz	301	2484	NA	NA
Intel Pentium M 1.40GHz	345	2433	NA	NA
Intel Pentium M 1.50GHz	368	2406	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1.60GHz	363	2414	NA	NA
Intel Pentium M 1.70GHz	405	2360	NA	NA
Intel Pentium M 1.73GHz	413	2347	NA	NA
Intel Pentium M 1.80GHz	410	2350	NA	NA
Intel Pentium M 1.86GHz	438	2325	NA	NA
Intel Pentium M 2.00GHz	464	2295	NA	NA
Intel Pentium M 2.10GHz	448	2314	NA	NA
Intel Pentium M 2.13GHz	510	2253	NA	NA
Intel Pentium M 2.26GHz	509	2255	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2281	NA	NA
Intel Pentium M 900MHz	217	2593	NA	NA
Intel Pentium M 1000MHz	233	2578	NA	NA
Intel Pentium M 1100MHz	259	2548	NA	NA
Intel Pentium M 1200MHz	237	2574	NA	NA
Intel Pentium M 1300MHz	303	2477	NA	NA
Intel Pentium M 1400MHz	321	2454	NA	NA
Intel Pentium M 1500MHz	354	2422	NA	NA
Intel Pentium M 1600MHz	332	2445	NA	NA
Intel Pentium M 1700MHz	376	2394	NA	NA
Intel Pentium N3510 @ 1.99GHz	1517	1711	NA	NA
Intel Pentium N3520 @ 2.16GHz	1795	1569	NA	NA
Intel Pentium N3530 @ 2.16GHz	1893	1523	NA	NA
Intel Pentium N3540 @ 2.16GHz	1943	1498	7.75	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1843	1549	4.15	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1872	1538	NA	NA
Intel Pentium N4200 @ 1.10GHz	2017	1468	9.49	\$212.62
Intel Pentium P6000 @ 1.87GHz	1253	1849	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	1800	110.51	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1349	1789	22.49	\$59.99*
Intel Pentium P6300 @ 2.27GHz	1380	1768	NA	NA
Intel Pentium SU2700 @ 1.30GHz	407	2358	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium SU4100 @ 1.30GHz	862	2073	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2085	NA	NA
Intel Pentium T2060 @ 1.60GHz	668	2168	NA	NA
Intel Pentium T2080 @ 1.73GHz	706	2151	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2148	NA	NA
Intel Pentium T2310 @ 1.46GHz	726	2139	NA	NA
Intel Pentium T2330 @ 1.60GHz	836	2091	NA	NA
Intel Pentium T2370 @ 1.73GHz	842	2086	24.08	\$35.00*
Intel Pentium T2390 @ 1.86GHz	941	2032	NA	NA
Intel Pentium T2410 @ 2.00GHz	996	1994	NA	NA
Intel Pentium T3200 @ 2.00GHz	1026	1966	85.58	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1116	1916	79.72	\$14.00
Intel Pentium T4200 @ 2.00GHz	1147	1906	95.60	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1238	1857	NA	NA
Intel Pentium T4400 @ 2.20GHz	1281	1830	NA	NA
Intel Pentium T4500 @ 2.30GHz	1336	1795	NA	NA
Intel Pentium U5400 @ 1.20GHz	822	2097	NA	NA
Intel Pentium U5600 @ 1.33GHz	938	2035	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel T1200 @ 1.50GHz	435	2332	NA	NA
Intel T1400 @ 1.73GHz	929	2040	NA	NA
Intel T1500 @ 1.86GHz	940	2033	NA	NA
Intel T2050 @ 2.00GHz	959	2020	NA	NA
Intel Xeon 2.00GHz	233	2577	NA	NA
Intel XEON 2.20GHz	252	2555	NA	NA
Intel Xeon 2.40GHz	276	2530	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2331	NA	NA
Intel Xeon 2.80GHz	400	2369	NA	NA
Intel Xeon 3.00GHz	391	2381	NA	NA
Intel Xeon 3.06GHz	491	2264	NA	NA
Intel Xeon 3.20GHz	461	2300	NA	NA
Intel Xeon 3.40GHz	478	2284	NA	NA
Intel Xeon 3.60GHz	509	2254	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	1961	NA	NA
Intel Xeon 3.80GHz	604	2199	0.71	\$851.00*
Intel Xeon 1500MHz	193	2613	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1828	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1311	1806	8.30	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1708	9.62	\$157.95*
Intel Xeon 3065 @ 2.33GHz	1504	1718	71.99	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1776	1576	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1551	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1689	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	1946	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	1853	0.74	\$1,683.98*
Intel Xeon 5130 @ 2.00GHz	1378	1769	35.89	\$38.40*
Intel Xeon 5133 @ 2.20GHz	1598	1674	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1652	34.89	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1678	39.78	\$39.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 5150 @ 2.66GHz	1750	1589	109.48	\$15.99*
Intel Xeon 5160 @ 3.00GHz	1968	1489	134.82	\$14.60*
Intel Xeon @ 2.20GHz	1902	1516	NA	NA
Intel Xeon D-1518 @ 2.20GHz	5322	634	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	573	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	458	NA	NA
Intel Xeon D-1528 @ 1.90GHz	7946	379	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	247	27.96	\$348.00*
Intel Xeon D-1540 @ 2.00GHz	10573	189	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11046	173	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	367	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14693	94	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13950	112	NA	NA
Intel Xeon E3-1220 @ 3.10GHz	6067	540	31.93	\$190.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6674	481	30.50	\$218.80
Intel Xeon E3-1220 v3 @ 3.10GHz	7039	453	29.75	\$236.66
Intel Xeon E3-1220 v5 @ 3.00GHz	7694	398	31.99	\$240.52
Intel Xeon E3-1220 v6 @ 3.00GHz	8010	373	37.26	\$214.99
Intel Xeon E3-1220L @ 2.20GHz	3563	965	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	781	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1432	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5918	552	23.96	\$247.02*
Intel Xeon E3-1225 V2 @ 3.20GHz	6838	470	13.50	\$506.59
Intel Xeon E3-1225 v3 @ 3.20GHz	7187	436	15.68	\$458.34
Intel Xeon E3-1225 v5 @ 3.30GHz	7819	384	29.24	\$267.47
Intel Xeon E3-1225 v6 @ 3.30GHz	8337	348	34.03	\$244.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7547	407	29.07	\$259.60
Intel Xeon E3-1230 @ 3.20GHz	7908	382	36.78	\$215.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8852	318	28.60	\$309.50
Intel Xeon E3-1230 v3 @ 3.30GHz	9334	276	35.67	\$261.66*
Intel Xeon E3-1230 v5 @ 3.40GHz	9767	244	32.58	\$299.80*
Intel Xeon E3-1230 v6 @ 3.50GHz	9833	237	38.62	\$254.65
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	434	25.12	\$287.90
Intel Xeon E3-1231 v3 @ 3.40GHz	9641	252	29.52	\$326.63
Intel Xeon E3-1235 @ 3.20GHz	7680	399	31.48	\$244.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6122	534	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7968	377	40.62	\$196.19
Intel Xeon E3-1240 V2 @ 3.40GHz	9170	287	26.36	\$347.95
Intel Xeon E3-1240 v3 @ 3.40GHz	9695	251	25.22	\$384.40
Intel Xeon E3-1240 v5 @ 3.50GHz	10422	196	30.51	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10176	210	35.09	\$289.99
Intel Xeon E3-1240L v3 @ 2.00GHz	7510	411	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	386	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10037	223	21.62	\$464.35*
Intel Xeon E3-1245 @ 3.30GHz	8048	369	31.56	\$255.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9111	294	15.00	\$607.59
Intel Xeon E3-1245 v3 @ 3.40GHz	9580	254	16.35	\$585.81
Intel Xeon E3-1245 v5 @ 3.50GHz	10272	203	29.75	\$345.31

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1245 v6 @ 3.70GHz	10360	198	34.59	\$299.53
Intel Xeon E3-1246 v3 @ 3.50GHz	9908	230	21.07	\$470.24*
Intel Xeon E3-1260L @ 2.40GHz	6534	494	17.94	\$364.22*
Intel Xeon E3-1260L v5 @ 2.90GHz	10136	212	24.25	\$418.00*
Intel Xeon E3-1265L @ 2.40GHz	6038	542	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7761	392	54.49	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	8713	325	12.27	\$709.95
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	383	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	9175	286	24.34	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8233	353	22.31	\$369.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9475	264	32.99	\$287.21
Intel Xeon E3-1270 v3 @ 3.50GHz	9877	235	26.70	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10325	200	28.29	\$364.99
Intel Xeon E3-1270 v6 @ 3.80GHz	11085	172	31.67	\$349.99
Intel Xeon E3-1271 v3 @ 3.60GHz	10086	218	20.55	\$490.96
Intel Xeon E3-1275 @ 3.40GHz	8348	346	27.46	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9339	274	31.13	\$299.99
Intel Xeon E3-1275 v3 @ 3.50GHz	9864	236	24.60	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10390	197	21.83	\$476.00*
Intel Xeon E3-1275 v6 @ 3.80GHz	11035	174	29.27	\$376.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1275L v3 @ 2.70GHz	8924	310	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10218	205	18.62	\$548.91*
Intel Xeon E3-1280 @ 3.50GHz	8473	340	23.03	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9561	256	14.82	\$644.99*
Intel Xeon E3-1280 v3 @ 3.60GHz	9720	249	13.94	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	187	16.05	\$664.57
Intel Xeon E3-1280 v6 @ 3.90GHz	11262	166	NA	NA
Intel Xeon E3-1281 v3 @ 3.70GHz	10295	201	11.73	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10115	216	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11689	162	25.98	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	10024	225	12.39	\$809.00
Intel Xeon E3-1285L v4 @ 3.40GHz	11224	167	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	233	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	10129	213	13.09	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	326	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9749	246	11.02	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	450	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8890	312	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9987	228	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	191	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9276	279	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10767	184	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10463	194	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10740	186	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10657	188	NA	NA
Intel Xeon E5-1410 @ 2.80GHz	7312	428	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7420	418	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5528	601	33.51	\$164.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1603 v3 @ 2.80GHz	6143	528	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6420	511	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5848	561	212.68	\$27.50*
Intel Xeon E5-1607 v2 @ 3.00GHz	6166	527	19.70	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6950	459	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7229	435	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9074	296	17.79	\$510.00
Intel Xeon E5-1620 v2 @ 3.70GHz	9537	257	28.99	\$329.00
Intel Xeon E5-1620 v3 @ 3.50GHz	9765	245	28.28	\$345.37
Intel Xeon E5-1620 v4 @ 3.50GHz	9972	229	30.49	\$327.06
Intel Xeon E5-1630 v3 @ 3.70GHz	10257	204	17.16	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10293	202	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11763	161	67.22	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12677	138	19.66	\$644.95*
Intel Xeon E5-1650 v3 @ 3.50GHz	13604	122	20.19	\$673.97
Intel Xeon E5-1650 v4 @ 3.60GHz	14238	104	22.60	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12376	146	10.09	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13777	116	7.62	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14423	100	8.92	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16262	72	NA	NA
Intel Xeon E5-1680 v2 @ 3.00GHz	16524	65	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1680 v3 @ 3.20GHz	16649	63	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17089	57	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	44	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	974	9.04	\$389.69*
Intel Xeon E5-2403 v2 @ 1.80GHz	3492	980	15.67	\$222.84*
Intel Xeon E5-2407 @ 2.20GHz	3832	896	66.08	\$58.00
Intel Xeon E5-2407 v2 @ 2.40GHz	4575	755	9.61	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	645	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7139	442	18.31	\$390.00
Intel Xeon E5-2420 v2 @ 2.20GHz	8647	331	15.44	\$559.95
Intel Xeon E5-2430 @ 2.20GHz	6878	466	12.90	\$533.22*
Intel Xeon E5-2430 v2 @ 2.50GHz	8608	334	15.88	\$542.12
Intel Xeon E5-2430L @ 2.00GHz	7269	432	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	487	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	285	12.32	\$745.00*
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	268	23.56	\$400.00*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	306	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	208	14.10	\$722.22*
Intel Xeon E5-2450L @ 1.80GHz	7389	422	113.70	\$64.99
Intel Xeon E5-2470 @ 2.30GHz	10061	221	31.77	\$316.72*
Intel Xeon E5-2603 @ 1.80GHz	3570	963	8.62	\$414.46*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	918	9.89	\$380.82*
Intel Xeon E5-2603 v3 @ 1.60GHz	5156	648	23.44	\$219.95
Intel Xeon E5-2603 v4 @ 1.70GHz	5473	607	23.80	\$229.99*
Intel Xeon E5-2608L v3 @ 2.00GHz	7768	390	17.62	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4625	743	39.20	\$117.99
Intel Xeon E5-2609 v2 @ 2.50GHz	5115	654	10.57	\$484.01

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	549	16.15	\$367.82
Intel Xeon E5-2609 v4 @ 1.70GHz	6920	464	15.95	\$434.00*
Intel Xeon E5-2618L v3 @ 2.30GHz	12508	143	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	97	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7935	380	75.18	\$105.56
Intel Xeon E5-2620 v2 @ 2.10GHz	8686	327	25.96	\$334.55
Intel Xeon E5-2620 v3 @ 2.40GHz	10001	226	14.08	\$710.54*
Intel Xeon E5-2620 v4 @ 2.10GHz	11339	164	24.33	\$466.00
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	309	22.07	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8090	363	14.74	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	271	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	156	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13041	130	9.56	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	175	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8854	317	55.33	\$160.02
Intel Xeon E5-2630 v2 @ 2.60GHz	10425	195	28.10	\$370.98
Intel Xeon E5-2630 v3 @ 2.40GHz	12828	135	19.18	\$668.94
Intel Xeon E5-2630 v4 @ 2.20GHz	13911	113	19.80	\$702.63
Intel Xeon E5-2630L @ 2.00GHz	8001	374	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9812	239	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9216	283	12.26	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	134	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2637 v2 @ 3.50GHz	9504	261	5.86	\$1,622.17*
Intel Xeon E5-2637 v3 @ 3.50GHz	10128	214	7.82	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10470	193	9.22	\$1,136.00*
Intel Xeon E5-2640 @ 2.50GHz	9500	262	88.55	\$107.29
Intel Xeon E5-2640 v2 @ 2.00GHz	9904	231	20.60	\$480.68
Intel Xeon E5-2640 v3 @ 2.60GHz	14077	109	14.43	\$975.24*
Intel Xeon E5-2640 v4 @ 2.40GHz	15331	85	15.72	\$974.99
Intel Xeon E5-2643 @ 3.30GHz	8499	337	15.71	\$541.09*
Intel Xeon E5-2643 v2 @ 3.50GHz	12324	148	8.75	\$1,409.05*
Intel Xeon E5-2643 v3 @ 3.40GHz	13801	115	7.54	\$1,829.48
Intel Xeon E5-2643 v4 @ 3.40GHz	13600	124	7.91	\$1,719.05*
Intel Xeon E5-2648L v3 @ 1.80GHz	12332	147	9.23	\$1,335.98
Intel Xeon E5-2648L v4 @ 1.80GHz	12883	133	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14673	95	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10159	211	77.69	\$130.76
Intel Xeon E5-2650 v2 @ 2.60GHz	13087	129	24.24	\$539.95
Intel Xeon E5-2650 v3 @ 2.30GHz	14941	92	15.40	\$970.00
Intel Xeon E5-2650 v4 @ 2.20GHz	15975	79	13.65	\$1,169.99*
Intel Xeon E5-2650L @ 1.80GHz	8676	328	109.83	\$79.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13390	128	13.26	\$1,010.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	108	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	165	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	263	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	107	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	70	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16290	71	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2660 @ 2.20GHz	11100	170	101.84	\$109.00
Intel Xeon E5-2660 v2 @ 2.20GHz	13564	125	25.72	\$527.50*
Intel Xeon E5-2660 v3 @ 2.60GHz	16151	73	10.56	\$1,529.95
Intel Xeon E5-2660 v4 @ 2.00GHz	17786	51	11.94	\$1,489.97
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	110	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11776	160	83.23	\$141.50*
Intel Xeon E5-2667 @ 2.90GHz	10327	199	57.70	\$178.99*
Intel Xeon E5-2667 v2 @ 3.30GHz	16093	75	21.93	\$734.01
Intel Xeon E5-2667 v3 @ 3.20GHz	16101	74	7.12	\$2,259.95*
Intel Xeon E5-2667 v4 @ 3.20GHz	16654	62	6.70	\$2,486.48*
Intel Xeon E5-2670 @ 2.60GHz	12210	151	46.02	\$265.32
Intel Xeon E5-2670 v2 @ 2.50GHz	15031	90	30.50	\$492.77
Intel Xeon E5-2670 v3 @ 2.30GHz	16619	64	11.46	\$1,450.00*
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	69	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16982	58	24.26	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21625	18	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15156	89	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17652	54	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	59	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25236	7	9.34	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12654	139	66.73	\$189.64
Intel Xeon E5-2680 v2 @ 2.80GHz	15963	80	39.77	\$401.41
Intel Xeon E5-2680 v3 @ 2.50GHz	18626	40	9.27	\$2,008.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2680 v4 @ 2.40GHz	19953	30	11.32	\$1,762.90*
Intel Xeon E5-2682 v4 @ 2.50GHz	15333	84	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17422	56	8.78	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	37	10.03	\$1,899.99*
Intel Xeon E5-2685 v3 @ 2.60GHz	14154	106	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	35	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14404	102	14.93	\$964.98*
Intel Xeon E5-2687W v2 @ 3.40GHz	16484	67	4.44	\$3,713.55*
Intel Xeon E5-2687W v3 @ 3.10GHz	17719	52	5.89	\$3,009.95
Intel Xeon E5-2687W v4 @ 3.00GHz	19950	31	8.65	\$2,307.31*
Intel Xeon E5-2689 @ 2.60GHz	13644	119	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19521	34	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13992	111	69.27	\$202.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16503	66	26.45	\$624.00
Intel Xeon E5-2690 v3 @ 2.60GHz	19240	36	8.15	\$2,359.99*
Intel Xeon E5-2690 v4 @ 2.60GHz	21323	23	9.03	\$2,360.37
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	77	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15847	81	8.93	\$1,774.85*
Intel Xeon E5-2695 v3 @ 2.30GHz	20346	26	8.14	\$2,499.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	27	8.16	\$2,483.99
Intel Xeon E5-2696 v2 @ 2.50GHz	16681	61	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22526	12	9.02	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21331	22	7.09	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17425	55	7.80	\$2,235.02
Intel Xeon E5-2697 v3 @ 2.60GHz	21488	21	8.07	\$2,661.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	20	7.67	\$2,805.00
Intel Xeon E5-2697A v4 @ 2.60GHz	23609	9	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21149	24	6.18	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21789	17	6.75	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22358	14	6.67	\$3,353.90
Intel Xeon E5-2699 v4 @ 2.20GHz	23392	10	2.92	\$8,010.00*
Intel Xeon E5-4603 @ 2.00GHz	5014	675	2.65	\$1,890.99
Intel Xeon E5-4617 @ 2.90GHz	8855	316	98.51	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	361	2.31	\$3,519.97*
Intel Xeon E5-4627 v3 @ 2.60GHz	14219	105	5.92	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	82	NA	NA
Intel Xeon E5-4640 @ 2.40GHz	10523	190	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	137	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	171	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	12085	152	24.57	\$491.80*
Intel Xeon E5-4650L @ 2.60GHz	11821	158	1.36	\$8,684.50*
Intel Xeon E5-4660 v3 @ 2.10GHz	18007	49	3.75	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	121	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1085	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2170	1407	76.43	\$28.40*
Intel Xeon E3113 @ 3.00GHz	2427	1306	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1384	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1758	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1308	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5310 @ 1.60GHz	2264	1374	8.71	\$259.95*
Intel Xeon E5320 @ 1.86GHz	2279	1367	14.43	\$157.95*
Intel Xeon E5335 @ 2.00GHz	2513	1279	8.13	\$309.00*
Intel Xeon E5345 @ 2.33GHz	2934	1144	71.10	\$41.28
Intel Xeon E5405 @ 2.00GHz	2864	1166	38.19	\$75.00*
Intel Xeon E5410 @ 2.33GHz	3268	1036	15.79	\$207.01*
Intel Xeon E5420 @ 2.50GHz	3527	973	59.78	\$59.00
Intel Xeon E5430 @ 2.66GHz	3787	909	105.20	\$36.00*
Intel Xeon E5440 @ 2.83GHz	3983	868	72.42	\$55.00*
Intel Xeon E5450 @ 3.00GHz	4222	821	80.56	\$52.42
Intel Xeon E5462 @ 2.80GHz	3899	883	142.85	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4141	839	75.57	\$54.80*
Intel Xeon E5502 @ 1.87GHz	1375	1772	14.48	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1762	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2724	1214	98.34	\$27.70*
Intel Xeon E5506 @ 2.13GHz	2977	1126	43.15	\$69.00*
Intel Xeon E5507 @ 2.27GHz	3143	1081	6.88	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4447	775	202.24	\$21.99
Intel Xeon E5530 @ 2.40GHz	4605	746	186.17	\$24.74*
Intel Xeon E5540 @ 2.53GHz	4758	719	166.16	\$28.64
Intel Xeon E5603 @ 1.60GHz	2366	1330	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3043	1108	46.12	\$65.99
Intel Xeon E5607 @ 2.27GHz	3398	1008	10.96	\$310.00*
Intel Xeon E5620 @ 2.40GHz	4860	700	70.44	\$69.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5630 @ 2.53GHz	5109	656	49.99	\$102.21*
Intel Xeon E5640 @ 2.67GHz	5309	636	29.51	\$179.95*
Intel Xeon E5645 @ 2.40GHz	6526	496	94.42	\$69.12
Intel Xeon E5649 @ 2.53GHz	6936	461	29.45	\$235.49*
Intel Xeon E7320 @ 2.13GHz	2413	1312	NA	NA
Intel Xeon E-2186M @ 2.90GHz	13681	118	21.96	\$623.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	47	10.51	\$1,727.00*
Intel Xeon Gold 6128 @ 3.40GHz	14959	91	8.82	\$1,697.00*
Intel Xeon Gold 6130 @ 2.10GHz	20222	28	10.19	\$1,984.99
Intel Xeon Gold 6134 @ 3.20GHz	18083	48	7.70	\$2,348.26*
Intel Xeon Gold 6136 @ 3.00GHz	20412	25	7.82	\$2,609.99
Intel Xeon Gold 6138 @ 2.00GHz	25416	6	9.45	\$2,689.99*
Intel Xeon Gold 6144 @ 3.50GHz	19833	33	6.78	\$2,925.00*
Intel Xeon Gold 6154 @ 3.00GHz	27789	2	7.84	\$3,543.00*
Intel Xeon L3110 @ 3.00GHz	2273	1371	NA	NA
Intel Xeon L3360 @ 2.83GHz	3820	899	42.81	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1793	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	893	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1558	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1372	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1370	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1420	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1203	72.15	\$38.20*
Intel Xeon L5408 @ 2.13GHz	3014	1117	NA	NA
Intel Xeon L5410 @ 2.33GHz	3424	997	34.21	\$100.08*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5420 @ 2.50GHz	3508	977	22.21	\$157.95*
Intel Xeon L5430 @ 2.66GHz	3776	915	23.91	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	930	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	789	164.31	\$26.70*
Intel Xeon L5530 @ 2.40GHz	4351	799	97.14	\$44.80*
Intel Xeon L5630 @ 2.13GHz	4369	792	274.78	\$15.90*
Intel Xeon L5638 @ 2.00GHz	5556	597	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	7021	454	NA	NA
Intel Xeon L5640 @ 2.27GHz	6444	502	44.18	\$145.89*
Intel Xeon L7455 @ 2.13GHz	3836	895	NA	NA
Intel Xeon MV 3.20GHz	683	2162	NA	NA
Intel Xeon Platinum 8173M @ 2.00GHz	28860	1	NA	NA
Intel Xeon Silver 4109T @ 2.00GHz	10854	180	21.67	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11631	163	21.54	\$539.99*
Intel Xeon Silver 4112 @ 2.60GHz	8613	333	16.28	\$529.21*
Intel Xeon Silver 4114 @ 2.20GHz	14466	99	19.43	\$744.73*
Intel Xeon Silver 4116 @ 2.10GHz	16723	60	14.92	\$1,121.16*
Intel Xeon W3503 @ 2.40GHz	1761	1584	27.10	\$64.99*
Intel Xeon W3505 @ 2.53GHz	1858	1542	NA	NA
Intel Xeon W3520 @ 2.67GHz	5059	666	12.34	\$409.95
Intel Xeon W3530 @ 2.80GHz	5363	627	89.46	\$59.95*
Intel Xeon W3540 @ 2.93GHz	5474	606	15.21	\$359.95*
Intel Xeon W3550 @ 3.07GHz	5709	578	24.29	\$235.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W3565 @ 3.20GHz	5946	547	85.02	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6109	536	12.73	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6433	506	29.99	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8158	359	27.65	\$295.00*
Intel Xeon W3680 @ 3.33GHz	9139	291	19.87	\$459.95*
Intel Xeon W3690 @ 3.47GHz	9251	280	4.09	\$2,260.61
Intel Xeon W5580 @ 3.20GHz	5836	563	65.67	\$88.88*
Intel Xeon W5590 @ 3.33GHz	6183	524	22.90	\$269.99*
Intel Xeon W-2123 @ 3.60GHz	10958	177	32.64	\$335.70*
Intel Xeon W-2125 @ 4.00GHz	12638	141	28.46	\$444.00*
Intel Xeon W-2133 @ 3.60GHz	14419	101	23.37	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16460	68	16.64	\$989.48*
Intel Xeon W-2140B @ 3.20GHz	18211	45	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19890	32	17.87	\$1,113.00*
Intel Xeon W-2150B @ 3.00GHz	21581	19	NA	NA
Intel Xeon W-2155 @ 3.30GHz	22409	13	15.56	\$1,440.00*
Intel Xeon W-2195 @ 2.30GHz	26470	4	10.37	\$2,553.00*
Intel Xeon X3210 @ 2.13GHz	2771	1194	18.60	\$149.00*
Intel Xeon X3220 @ 2.40GHz	3096	1090	12.09	\$256.07*
Intel Xeon X3230 @ 2.66GHz	3431	995	9.53	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3335	1022	14.53	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3165	1070	44.59	\$70.99*
Intel Xeon X3330 @ 2.66GHz	3376	1013	16.08	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3880	886	64.68	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3881	885	52.81	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3978	869	25.19	\$157.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3363 @ 2.83GHz	4041	853	25.59	\$157.95*
Intel Xeon X3370 @ 3.00GHz	4300	810	11.72	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4697	728	NA	NA
Intel Xeon X3430 @ 2.40GHz	3371	1015	14.73	\$228.88*
Intel Xeon X3440 @ 2.53GHz	4557	759	20.26	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4874	698	37.49	\$130.00*
Intel Xeon X3460 @ 2.80GHz	5117	653	67.78	\$75.50*
Intel Xeon X3470 @ 2.93GHz	5187	646	10.17	\$509.95
Intel Xeon X3480 @ 3.07GHz	5657	583	NA	NA
Intel Xeon X5260 @ 3.33GHz	2450	1298	17.60	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2524	1274	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1319	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3258	1043	47.10	\$69.18*
Intel Xeon X5365 @ 3.00GHz	3491	981	31.90	\$109.45*
Intel Xeon X5450 @ 3.00GHz	4154	837	80.55	\$51.57
Intel Xeon X5460 @ 3.16GHz	4365	793	72.67	\$60.07*
Intel Xeon X5470 @ 3.33GHz	4640	737	15.79	\$293.87*
Intel Xeon X5472 @ 3.00GHz	4023	856	17.88	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4572	756	45.73	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4829	707	3.47	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5404	619	242.36	\$22.30*
Intel Xeon X5560 @ 2.80GHz	5399	621	94.89	\$56.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5570 @ 2.93GHz	5679	581	120.22	\$47.24
Intel Xeon X5647 @ 2.93GHz	5980	544	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7438	415	103.05	\$72.18
Intel Xeon X5660 @ 2.80GHz	7641	400	107.90	\$70.82
Intel Xeon X5667 @ 3.07GHz	4722	723	56.67	\$83.33
Intel Xeon X5670 @ 2.93GHz	7964	378	108.37	\$73.49
Intel Xeon X5672 @ 3.20GHz	6438	504	55.93	\$115.12*
Intel Xeon X5675 @ 3.07GHz	8484	339	35.50	\$239.00
Intel Xeon X5677 @ 3.47GHz	6947	460	19.85	\$350.00*
Intel Xeon X5679 @ 3.20GHz	8845	319	NA	NA
Intel Xeon X5680 @ 3.33GHz	8605	335	59.07	\$145.69
Intel Xeon X5687 @ 3.60GHz	7123	446	75.82	\$93.95
Intel Xeon X5690 @ 3.47GHz	8977	304	52.92	\$169.64
Intel Xeon X5698 @ 4.40GHz	4272	811	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1125	NA	NA
Mobile AMD Athlon 4	314	2463	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2418	NA	NA
Mobile AMD Athlon 64 2700+	398	2371	NA	NA
Mobile AMD Athlon 64 2800+	440	2321	NA	NA
Mobile AMD Athlon 64 3000+	450	2311	NA	NA
Mobile AMD Athlon 64 3200+	448	2315	NA	NA
Mobile AMD Athlon 64 3400+	511	2251	NA	NA
Mobile AMD Athlon 64 3700+	435	2333	NA	NA
Mobile AMD Athlon 64 4000+	576	2212	NA	NA
Mobile AMD Athlon 1400+	266	2541	NA	NA
Mobile AMD Athlon 2500+	370	2402	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2542	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon MP-M 2000+	378	2392	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2495	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2262	NA	NA
Mobile AMD Athlon XP	572	2217	47.72	\$11.99*
Mobile AMD Athlon XP-M	512	2250	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2622	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2546	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2549	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2451	NA	NA
Mobile AMD Athlon XP-M 1800+	312	2467	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2437	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2485	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2412	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2432	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2430	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2401	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2410	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2409	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2323	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2271	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2256	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M (LV) 1500+	288	2502	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2494	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2442	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2399	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2288	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2258	NA	NA
Mobile AMD Sempron 2100+	252	2556	NA	NA
Mobile AMD Sempron 2600+	394	2377	NA	NA
Mobile AMD Sempron 2800+	358	2419	NA	NA
Mobile AMD Sempron 3000+	389	2385	NA	NA
Mobile AMD Sempron 3100+	416	2345	NA	NA
Mobile AMD Sempron 3200+	354	2423	NA	NA
Mobile AMD Sempron 3300+	444	2317	NA	NA
Mobile AMD Sempron 3400+	448	2313	NA	NA
Mobile AMD Sempron 3500+	408	2357	NA	NA
Mobile AMD Sempron 3600+	430	2337	NA	NA
Mobile AMD Sempron 3800+	485	2275	NA	NA
Mobile Intel Celeron 1.20GHz	170	2632	NA	NA
Mobile Intel Celeron 1.50GHz	188	2616	NA	NA
Mobile Intel Celeron 1.60GHz	188	2617	NA	NA
Mobile Intel Celeron 1.70GHz	181	2625	NA	NA
Mobile Intel Celeron 1.80GHz	186	2619	NA	NA
Mobile Intel Celeron 2.00GHz	204	2604	NA	NA
Mobile Intel Celeron 2.20GHz	226	2584	NA	NA
Mobile Intel Celeron 2.40GHz	239	2571	NA	NA
Mobile Intel Celeron 2.50GHz	281	2521	NA	NA
Mobile Intel Celeron 1200MHz	294	2496	NA	NA
Mobile Intel Celeron 1333MHz	309	2472	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 2.30GHz	278	2528	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2544	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2525	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2461	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2440	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2420	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2324	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2285	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2611	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2631	0.89	\$195.49
Mobile Intel Pentium 4 - M 1.80GHz	176	2628	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2579	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2607	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2609	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2595	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2551	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2464	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2597	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2608	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2560	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium III - M 1133MHz	289	2500	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2585	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2501	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1285	NA	NA
Quad-Core AMD Opteron 1385	3442	994	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3418	999	NA	NA
VIA C3 Ezra	100	2660	NA	NA
VIA C7 1500MHz	284	2514	NA	NA
VIA C7-D 1500MHz	287	2508	NA	NA
VIA C7-D 1800MHz	203	2605	NA	NA
VIA C7-D 2000MHz	368	2405	NA	NA
VIA C7-M 1000MHz	164	2635	NA	NA
VIA C7-M 1200MHz	140	2647	NA	NA
VIA C7-M 1600MHz	178	2627	NA	NA
VIA C7-M 6300MHz	222	2587	NA	NA
VIA Eden 800MHz	155	2639	NA	NA
VIA Eden 1000MHz	123	2655	NA	NA
VIA Eden 1200MHz	142	2646	NA	NA
VIA Eden C1050@1.06GHz	352	2426	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2283	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	1907	NA	NA
VIA Esther 1000MHz	169	2633	NA	NA
VIA Esther 1300MHz	250	2559	NA	NA
VIA Esther 1500MHz	219	2589	NA	NA
VIA Esther 2000MHz	394	2376	NA	NA
VIA Nano L1900@1400MHz	457	2303	NA	NA
VIA Nano L2007@1600MHz	369	2403	NA	NA
VIA Nano L2100@1800MHz	428	2339	NA	NA
VIA Nano L2207@1600MHz	296	2493	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano L3025@1600MHz	517	2247	NA	NA
VIA Nano L3050@1800MHz	581	2210	NA	NA
VIA Nano L3600@2000MHz	645	2177	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2393	NA	NA
VIA Nano U2250@1300+MHz	274	2533	NA	NA
VIA Nano U2500@1200MHz	306	2476	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2260	NA	NA
VIA Nano U3300@1200MHz	409	2354	NA	NA
VIA Nano U3500@1000MHz	275	2531	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2197	NA	NA
VIA Nehemiah	155	2640	NA	NA
VIA QuadCore C4650@2.0GHz	1940	1500	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1779	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1888	NA	NA
VIA Samuel 2	79	2662	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	257	24.17	\$317.40*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	100	10.30	\$1,713.92*
[Dual CPU] AMD Athlon 64 FX-72	3163	356	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	362	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	406	NA	NA
[Dual CPU] AMD EPYC 7281	12720	148	9.55	\$1,331.28
[Dual CPU] AMD EPYC 7401	23518	46	5.88	\$3,999.98
[Dual CPU] AMD EPYC 7451	28957	18	5.57	\$5,199.98
[Dual CPU] AMD EPYC 7501	23727	44	3.25	\$7,299.98
[Dual CPU] AMD EPYC 7551	30966	12	4.18	\$7,399.98
[Dual CPU] AMD Opteron 246	1130	395	11.30	\$99.98
[Dual CPU] AMD Opteron 248	1053	396	43.88	\$24.00
[Dual CPU] AMD Opteron 250	1438	392	65.36	\$22.00
[Dual CPU] AMD Opteron 252	1385	393	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	401	NA	NA
[Dual CPU] AMD Opteron 256	1853	389	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	387	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	383	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	386	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	379	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	371	NA	NA
[Dual CPU] AMD Opteron 290	2807	368	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	365	NA	NA
[Dual CPU] AMD Opteron 2212	2203	384	91.79	\$24.00
[Dual CPU] AMD Opteron 2214 HE	2463	378	NA	NA
[Dual CPU] AMD Opteron 2216	2485	376	6.98	\$356.00*
[Dual CPU] AMD Opteron 2216 HE	2593	374	NA	NA
[Dual CPU] AMD Opteron 2218	2719	372	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	375	NA	NA
[Dual CPU] AMD Opteron 2220	2850	366	0.97	\$2,950.32
[Dual CPU] AMD Opteron 2220 SE	2882	364	75.84	\$38.00
[Dual CPU] AMD Opteron 2222	2972	361	0.89	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	354	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	344	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	351	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4090	345	7.57	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	334	6.88	\$664.02*
[Dual CPU] AMD Opteron 2356	4487	336	150.07	\$29.90
[Dual CPU] AMD Opteron 2360 SE	5315	317	189.82	\$28.00
[Dual CPU] AMD Opteron 2374 HE	4799	330	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	318	174.60	\$30.00
[Dual CPU] AMD Opteron 2378	5559	312	15.53	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	304	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	301	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6441	285	NA	NA
[Dual CPU] AMD Opteron 2389	5677	305	142.00	\$39.98
[Dual CPU] AMD Opteron 2419	5191	320	216.47	\$23.98
[Dual CPU] AMD Opteron 2425 HE	6209	293	NA	NA
[Dual CPU] AMD Opteron 2427	5980	299	31.43	\$190.28*
[Dual CPU] AMD Opteron 2431	6438	286	80.48	\$80.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2435	7124	270	29.58	\$240.80*
[Dual CPU] AMD Opteron 2439 SE	8071	243	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	346	7.84	\$519.90
[Dual CPU] AMD Opteron 4130	5651	307	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	289	9.33	\$679.90
[Dual CPU] AMD Opteron 4180	6367	288	14.15	\$450.08
[Dual CPU] AMD Opteron 4184	7848	249	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	242	8.64	\$936.14*
[Dual CPU] AMD Opteron 4228 HE	7986	244	NA	NA
[Dual CPU] AMD Opteron 4234	9361	212	15.57	\$601.40*
[Dual CPU] AMD Opteron 4276 HE	9681	205	NA	NA
[Dual CPU] AMD Opteron 4280	4525	335	4.96	\$912.88*
[Dual CPU] AMD Opteron 4284	7833	251	10.96	\$714.60*
[Dual CPU] AMD Opteron 4334	9468	210	21.87	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	184	NA	NA
[Dual CPU] AMD Opteron 4376 HE	10244	192	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	175	15.01	\$757.04*
[Dual CPU] AMD Opteron 6128	6881	276	14.64	\$470.00
[Dual CPU] AMD Opteron 6128 HE	5582	310	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	227	NA	NA
[Dual CPU] AMD Opteron 6136	7255	265	10.10	\$718.00
[Dual CPU] AMD Opteron 6164 HE	5109	323	NA	NA
[Dual CPU] AMD Opteron 6168	7741	254	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7623	258	18.15	\$419.90
[Dual CPU] AMD Opteron 6174	8776	225	20.90	\$419.96
[Dual CPU] AMD Opteron 6176 SE	8448	231	15.30	\$552.00*
[Dual CPU] AMD Opteron 6180 SE	3114	357	NA	NA
[Dual CPU] AMD Opteron 6204	7134	269	NA	NA
[Dual CPU] AMD Opteron 6212	8955	218	21.37	\$419.00*
[Dual CPU] AMD Opteron 6220	10740	181	25.57	\$420.00
[Dual CPU] AMD Opteron 6234	10262	191	12.83	\$799.98*
[Dual CPU] AMD Opteron 6238	10349	188	4.76	\$2,176.22*
[Dual CPU] AMD Opteron 6272	10026	197	15.42	\$650.00
[Dual CPU] AMD Opteron 6274	10682	182	25.43	\$420.00
[Dual CPU] AMD Opteron 6275	9936	200	NA	NA
[Dual CPU] AMD Opteron 6276	10194	194	16.50	\$617.78
[Dual CPU] AMD Opteron 6284 SE	11985	160	NA	NA
[Dual CPU] AMD Opteron 6308	8351	234	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10914	179	20.21	\$539.96
[Dual CPU] AMD Opteron 6328	11709	166	11.57	\$1,011.98
[Dual CPU] AMD Opteron 6344	11178	176	14.37	\$778.00
[Dual CPU] AMD Opteron 6348	11412	173	5.65	\$2,020.00
[Dual CPU] AMD Opteron 6376	10405	186	8.53	\$1,220.00
[Dual CPU] AMD Opteron 6378	2905	363	3.64	\$798.00*
[Dual CPU] AMD Opteron 6380	14200	135	18.21	\$779.72
[Dual CPU] AMD Opteron 6386 SE	10764	180	2.24	\$4,815.02*
[Dual CPU] AMD Opteron 8218	2831	367	117.96	\$24.00
[Dual CPU] AMD Opteron 8222 SE	2793	370	0.45	\$6,180.64*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 8354	3223	355	134.29	\$24.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 8380	5643	308	13.70	\$412.00*
[Dual CPU] AMD Opteron 8381 HE	5210	319	NA	NA
[Dual CPU] AMD Opteron 8389	6517	282	155.24	\$41.98
[Dual CPU] AMD Opteron 8431	5813	302	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	7606	259	38.42	\$197.98
[Dual CPU] AMD Opteron 8439 SE	7691	256	45.24	\$170.00
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	394	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	381	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	350	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7955	245	2.20	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	415	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	413	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	409	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	411	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	416	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	417	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	414	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	479	412	26.32	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	407	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	687	403	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	784	402	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	405	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	856	400	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	892	399	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	926	398	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1862	388	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	998	397	0.59	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2148	385	6.71	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	380	0.69	\$3,367.96*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2614	373	34.04	\$76.80*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	358	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2984	360	31.75	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	359	37.50	\$79.98*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3451	352	107.91	\$31.98*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3848	348	131.78	\$29.20*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	9410	211	18.67	\$504.00
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11646	168	18.43	\$632.00*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	5988	298	7.68	\$779.38*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	291	14.14	\$445.68*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7569	261	65.25	\$116.00
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	216	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11724	165	15.03	\$780.00
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11725	164	10.47	\$1,119.90
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	236	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	141	12.79	\$1,066.44*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	14265	134	13.16	\$1,084.24

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	174	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	153	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	147	16.07	\$800.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	139	9.50	\$1,444.44*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	112	NA	NA
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11886	161	91.44	\$129.98
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	110	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	94	4.13	\$4,500.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6311	290	7.61	\$828.92*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	281	8.56	\$761.64*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8374	232	19.04	\$439.90
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8542	230	18.57	\$459.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8228	239	34.87	\$235.98
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8822	221	9.11	\$968.02
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10019	198	13.62	\$735.64
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10992	178	12.66	\$868.00*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12455	151	58.99	\$211.12
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13464	146	20.12	\$669.10
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15317	125	10.78	\$1,421.08*
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16524	113	17.73	\$932.00
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14155	136	17.48	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	11873	162	10.81	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	131	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13616	144	42.54	\$320.04
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16121	116	21.73	\$741.96
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18579	93	13.89	\$1,337.88
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18950	92	13.49	\$1,405.26
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	177	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	142	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15176	126	10.09	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	16141	115	4.98	\$3,244.34*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16437	114	6.34	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16678	109	7.34	\$2,272.00*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14765	129	68.81	\$214.58
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14420	132	15.00	\$961.36
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20459	79	10.49	\$1,950.48*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20625	76	10.58	\$1,949.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13604	145	12.57	\$1,082.18*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21298	69	7.56	\$2,818.10*
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21076	71	5.76	\$3,658.96
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21705	64	6.31	\$3,438.10*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	155	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	11808	163	3.99	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	19339	89	7.24	\$2,671.96
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15022	127	57.44	\$261.52
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19073	91	17.66	\$1,079.90
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20504	78	10.57	\$1,940.00
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20447	80	8.74	\$2,339.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	133	91.04	\$158.00
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	13948	138	22.93	\$608.16
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	74	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18096	99	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 E5-2658 v4 @ 2.30GHz	19391	88	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16567	111	76.00	\$218.00
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18295	95	17.34	\$1,055.00*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22733	56	7.43	\$3,059.90
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23117	51	7.76	\$2,979.94
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	50	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17622	101	62.27	\$283.00*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	34	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17001	105	47.49	\$357.98*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22834	55	15.55	\$1,468.02
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23109	52	5.11	\$4,519.90*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23855	43	4.80	\$4,972.96*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18256	96	34.40	\$530.64
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	21515	65	21.83	\$985.54
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	60	7.71	\$2,900.00*
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23077	53	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	22959	54	16.40	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	17	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	83	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	22393	59	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	16	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18227	97	48.06	\$379.28
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21874	62	27.25	\$802.82
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24963	33	6.21	\$4,017.90
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	49	6.63	\$3,525.80*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	106	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21028	72	5.30	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24503	37	6.45	\$3,799.98*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	61	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26071	28	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21008	73	10.89	\$1,929.96*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23393	48	3.15	\$7,427.10*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24249	39	4.03	\$6,019.90
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26695	25	5.78	\$4,614.62*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	20362	81	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26470	27	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	20098	82	49.75	\$404.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23897	42	19.15	\$1,248.00
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25653	29	5.43	\$4,719.98*
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27561	23	5.84	\$4,720.74
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20590	77	5.80	\$3,549.70*
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	35	4.97	\$4,999.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	30	5.16	\$4,967.98
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23914	41	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 E5-2696 v3 @ 2.30GHz	30116	14	6.03	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31481	10	5.23	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23557	45	5.27	\$4,470.04
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28349	20	5.32	\$5,323.80*
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30520	13	5.44	\$5,610.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28018	22	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29958	15	4.37	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	31861	9	4.94	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	40	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	25176	32	3.75	\$6,707.80
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34330	5	2.14	\$16,020.00*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	75	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	85	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	120	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	90	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19588	84	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19401	87	19.72	\$983.60*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	128	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	57	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	24	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	157	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	121	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	58	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	17541	102	2.66	\$6,587.58*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	382	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	347	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3607	349	6.94	\$519.90*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4141	343	13.11	\$315.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	326	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4594	333	7.43	\$618.00*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5136	322	62.21	\$82.56
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5181	321	34.54	\$150.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6040	296	14.59	\$414.02*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6397	287	54.21	\$118.00
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6874	277	95.47	\$72.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7217	266	65.61	\$110.00*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7589	260	72.39	\$104.84
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7145	268	130.86	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7842	250	71.55	\$109.60*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2480	377	13.05	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	369	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4899	327	88.43	\$55.40*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5037	325	36.50	\$138.00*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5434	314	5.95	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7438	263	169.12	\$43.98
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7740	255	156.43	\$49.48*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7876	248	137.50	\$57.28
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4236	341	16.41	\$258.08*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5563	311	42.15	\$131.98
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5989	297	9.66	\$620.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8120	241	58.84	\$138.00
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8366	233	40.93	\$204.42*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8790	224	24.42	\$359.90*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10413	185	75.33	\$138.24
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10362	187	22.00	\$470.98*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	313	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	316	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	21833	63	8.94	\$2,442.00*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	38	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	70	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	21447	66	7.79	\$2,752.00
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25469	31	8.16	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	16758	108	6.47	\$2,589.98
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	23396	47	6.89	\$3,394.00*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	21392	67	5.39	\$3,969.98
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	28137	21	5.39	\$5,219.98
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35823	3	6.66	\$5,379.98*
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	34021	7	6.46	\$5,269.54*
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28521	19	4.88	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	34296	6	5.22	\$6,572.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	11	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35368	4	4.48	\$7,896.50
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36110	2	5.10	\$7,086.00*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	337	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	340	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	328	64.02	\$76.40*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	309	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6163	294	30.79	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6487	284	20.53	\$315.90*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6600	279	20.89	\$315.90*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	275	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	7001	274	131.10	\$53.40*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	246	88.60	\$89.60*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	273	220.31	\$31.80*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	219	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9618	206	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9746	203	33.40	\$291.78*
[Dual CPU] Intel Xeon MP 2.50GHz	550	408	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	410	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	404	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	390	NA	NA
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15441	122	16.44	\$939.32*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	18145	98	16.80	\$1,079.98*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19445	86	13.06	\$1,489.46*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	195	56.87	\$177.76*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10343	189	19.15	\$539.98*

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	190	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4778	331	17.16	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	332	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	329	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5810	303	41.99	\$138.36*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6256	292	28.58	\$218.90*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7509	262	72.80	\$103.14
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7883	247	65.62	\$120.14*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8225	240	13.99	\$587.74*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7780	252	17.29	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8258	237	41.29	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8805	223	3.16	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9054	214	203.00	\$44.60*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	213	79.82	\$113.80*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9573	207	101.32	\$94.48
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	201	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11425	172	79.14	\$144.36
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11667	167	82.37	\$141.64
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	222	52.90	\$166.66
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12362	152	84.11	\$146.98
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10053	196	43.66	\$230.24*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12694	150	26.56	\$478.00
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11506	170	16.44	\$700.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	143	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13642	140	46.82	\$291.38
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	12010	159	63.92	\$187.90
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	14000	137	41.26	\$339.28
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8974	217	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	280	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	226	41.21	\$211.60*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	199	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	169	27.14	\$428.48*
[Dual CPU] Quad-Core AMD Opteron 2352	4232	342	60.46	\$70.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	324	15.28	\$330.00*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	339	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	338	199.09	\$21.98
[Dual CPU] Quad-Core AMD Opteron 8378	5382	315	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	278	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	306	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	300	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	235	NA	NA
[Quad CPU] AMD Opteron 6136	9767	202	6.80	\$1,436.00
[Quad CPU] AMD Opteron 6272	12292	154	9.46	\$1,300.00
[Quad CPU] AMD Opteron 6274	10488	183	12.49	\$840.00
[Quad CPU] AMD Opteron 6276	15342	124	12.42	\$1,235.56
[Quad CPU] AMD Opteron 6278	12055	158	4.35	\$2,770.00*
[Quad CPU] AMD Opteron 6376	14681	130	6.02	\$2,440.00
[Quad CPU] AMD Opteron 8360 SE	6490	283	77.26	\$84.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 8381 HE	6097	295	NA	NA
[Quad CPU] AMD Opteron 8382	8553	229	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	264	NA	NA
[Quad CPU] AMD Opteron 8431	8252	238	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	271	17.93	\$395.96
[Quad CPU] AMD Opteron 8439 SE	8943	220	26.30	\$340.00
[Quad CPU] Intel Xeon 3.00GHz	1472	391	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	353	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	107	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	119	1.13	\$14,079.88*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	36	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	68	10.86	\$1,967.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	117	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	8	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	104	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	103	1.13	\$15,352.00*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15952	118	1.21	\$13,175.16*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	149	15.87	\$799.96*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	272	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	253	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	193	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	208	7.31	\$1,310.40*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	215	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26690	26	5.15	\$5,179.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	204	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	209	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12250	156	28.95	\$423.20*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	228	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	171	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	123	17.99	\$856.96*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	267	163.10	\$43.96

* - Last price seen from our affiliates.

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