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CPU Benchmarks

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CPU List

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

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Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2768	NA	NA
AMD A4 Micro-6400T APU	1544	1958	NA	NA
AMD A4 PRO-3340B	2402	1565	NA	NA
AMD A4 PRO-7300B APU	2353	1586	NA	NA
AMD A4 PRO-7350B	2227	1640	NA	NA
AMD A4-1200 APU	632	2448	NA	NA
AMD A4-1250 APU	619	2455	NA	NA
AMD A4-3300 APU	1503	1983	115.71	\$12.99
AMD A4-3300M APU	1188	2147	39.62	\$29.99*
AMD A4-3305M APU	1227	2126	39.84	\$30.81
AMD A4-3310MX APU	1286	2089	NA	NA
AMD A4-3320M APU	1253	2112	34.93	\$35.90
AMD A4-3330MX APU	1218	2129	NA	NA
AMD A4-3400 APU	1593	1944	18.12	\$87.95
AMD A4-3420 APU	1664	1903	NA	NA
AMD A4-4000 APU	1834	1813	14.31	\$128.27*
AMD A4-4020 APU	1909	1774	21.21	\$90.00
AMD A4-4300M APU	1612	1931	40.44	\$39.86
AMD A4-4355M APU	1177	2151	NA	NA
AMD A4-5000 APU	1916	1770	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5050 APU	2113	1682	NA	NA
AMD A4-5100 APU	2056	1709	NA	NA
AMD A4-5150M APU	1864	1797	NA	NA
AMD A4-5300 APU	2015	1725	18.27	\$110.32
AMD A4-5300B APU	2149	1667	56.56	\$38.00*
AMD A4-6210 APU	2169	1657	NA	NA
AMD A4-6250J APU	2556	1507	NA	NA
AMD A4-6300 APU	2222	1643	37.05	\$59.99*
AMD A4-6300B APU	2129	1675	21.30	\$100.00*
AMD A4-6320 APU	2329	1589	33.29	\$69.99*
AMD A4-7210 APU	2523	1519	NA	NA
AMD A4-7300 APU	2309	1599	18.93	\$122.00
AMD A4-9120	1957	1745	NA	NA
AMD A4-9120C	1539	1961	NA	NA
AMD A4-9125	1968	1743	NA	NA
AMD A6 Micro-6500T APU	1834	1814	NA	NA
AMD A6 PRO-7050B APU	1616	1929	NA	NA
AMD A6 PRO-7400B	2621	1482	NA	NA
AMD A6-1450 APU	1539	1962	NA	NA
AMD A6-3400M APU	1888	1788	63.02	\$29.97*
AMD A6-3410MX APU	2059	1707	516.08	\$3.99*
AMD A6-3420M APU	2004	1727	NA	NA
AMD A6-3430MX APU	2200	1650	NA	NA
AMD A6-3500 APU	2029	1717	50.76	\$39.99*
AMD A6-3600 APU	2706	1460	117.73	\$22.99*
AMD A6-3620 APU	2794	1429	46.58	\$59.99*
AMD A6-3650 APU	3148	1312	98.41	\$31.99*
AMD A6-3670 APU	3165	1301	5.19	\$610.00*
AMD A6-4400M APU	1641	1917	205.40	\$7.99*
AMD A6-4455M APU	1286	2088	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5200 APU	2433	1553	NA	NA
AMD A6-5345M APU	1476	1994	NA	NA
AMD A6-5350M APU	1906	1776	44.20	\$43.12
AMD A6-5357M APU	1953	1751	NA	NA
AMD A6-5400B APU	2242	1633	21.35	\$105.04*
AMD A6-5400K APU	2161	1663	34.85	\$62.02
AMD A6-6310 APU	2458	1545	NA	NA
AMD A6-6400B APU	2281	1611	NA	NA
AMD A6-6400K APU	2310	1598	11.06	\$208.99*
AMD A6-6420B APU	2612	1485	NA	NA
AMD A6-6420K APU	2388	1572	15.92	\$149.99*
AMD A6-7000	1667	1900	NA	NA
AMD A6-7310 APU	2671	1468	NA	NA
AMD A6-7400K APU	2790	1432	39.87	\$69.98
AMD A6-7470K	2727	1454	19.68	\$138.63
AMD A6-7480	3129	1315	71.14	\$43.99*
AMD A6-8500P	2202	1649	NA	NA
AMD A6-8550	3032	1346	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-9200	1747	1851	NA	NA
AMD A6-9210	1753	1847	NA	NA
AMD A6-9220	2168	1659	NA	NA
AMD A6-9220C	2071	1701	NA	NA
AMD A6-9220e	1621	1927	NA	NA
AMD A6-9225	2154	1665	NA	NA
AMD A6-9230	2102	1688	NA	NA
AMD A6-9500	3058	1339	65.15	\$46.95
AMD A6-9500E	2889	1403	39.67	\$72.84
AMD A8 PRO-7150B APU	2650	1475	NA	NA
AMD A8 PRO-7600B APU	4758	935	NA	NA
AMD A8-3500M APU	1980	1735	28.32	\$69.95
AMD A8-3510MX APU	2414	1559	NA	NA
AMD A8-3520M APU	2171	1656	NA	NA
AMD A8-3530MX APU	2354	1584	NA	NA
AMD A8-3550MX APU	2610	1486	NA	NA
AMD A8-3800 APU	3011	1350	52.84	\$56.99*
AMD A8-3820 APU	3106	1323	24.85	\$124.99*
AMD A8-3850 APU	3459	1217	32.74	\$105.68*
AMD A8-3870K APU	3539	1194	23.65	\$149.67*
AMD A8-4500M APU	2666	1471	NA	NA
AMD A8-4555M APU	2125	1677	NA	NA
AMD A8-5500 APU	3998	1083	70.77	\$56.50*
AMD A8-5500B APU	4008	1081	NA	NA
AMD A8-5545M APU	2590	1494	NA	NA
AMD A8-5550M APU	3002	1355	NA	NA
AMD A8-5557M APU	2954	1371	NA	NA
AMD A8-5600K APU	4338	1020	18.92	\$229.30
AMD A8-6410 APU	2573	1502	NA	NA
AMD A8-6500 APU	4392	1008	46.24	\$94.99*
AMD A8-6500B APU	4612	963	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-6500T APU	3221	1283	NA	NA
AMD A8-6600K APU	4590	969	47.33	\$96.99*
AMD A8-7050	1824	1820	NA	NA
AMD A8-7100 APU	2808	1427	NA	NA
AMD A8-7200P	3319	1253	NA	NA
AMD A8-7410 APU	2744	1447	NA	NA
AMD A8-7600 APU	5066	871	17.72	\$285.99*
AMD A8-7650K	4928	901	19.18	\$257.00
AMD A8-7670K	5083	864	31.56	\$161.10*
AMD A8-7680	5270	837	87.86	\$59.99*
AMD A8-8600P	3248	1271	NA	NA
AMD A8-8650	5470	803	NA	NA
AMD A8-9600	4966	894	73.04	\$67.99
AMD A9-9400	2320	1592	NA	NA
AMD A9-9410	2547	1511	NA	NA
AMD A9-9420	2347	1588	NA	NA
AMD A9-9420e	1832	1817	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A9-9425	2502	1531	NA	NA
AMD A9-9430	2524	1518	NA	NA
AMD A10 Micro-6700T APU	1970	1740	NA	NA
AMD A10 PRO-7350B APU	3164	1302	NA	NA
AMD A10 PRO-7800B APU	4955	896	NA	NA
AMD A10 PRO-7850B APU	5380	820	NA	NA
AMD A10-4600M APU	3114	1322	NA	NA
AMD A10-4655M APU	2605	1488	NA	NA
AMD A10-4657M APU	2906	1394	NA	NA
AMD A10-5700 APU	4214	1047	65.35	\$64.50*
AMD A10-5745M APU	2763	1441	NA	NA
AMD A10-5750M APU	3343	1246	NA	NA
AMD A10-5757M APU	3084	1329	NA	NA
AMD A10-5800B APU	4614	962	NA	NA
AMD A10-5800K APU	4647	954	30.98	\$149.99
AMD A10-6700 APU	4601	966	39.33	\$116.99*
AMD A10-6700T APU	3693	1161	25.02	\$147.61*
AMD A10-6790K APU	4714	941	49.64	\$94.99*
AMD A10-6800B APU	4822	922	NA	NA
AMD A10-6800K APU	4860	918	16.94	\$286.85*
AMD A10-7300 APU	2906	1393	NA	NA
AMD A10-7400P	3606	1177	NA	NA
AMD A10-7700K APU	5120	859	39.87	\$128.42
AMD A10-7800 APU	4973	891	48.10	\$103.39*
AMD A10-7850K APU	5468	804	46.67	\$117.18
AMD A10-7860K	5070	869	28.97	\$175.00*
AMD A10-7870K	5475	801	24.12	\$226.99*
AMD A10-7890K	5711	771	28.56	\$199.99*
AMD A10-8700P	3447	1219	NA	NA
AMD A10-8750	5064	873	NA	NA
AMD A10-8850	5604	786	NA	NA
AMD A10-9600P	3764	1139	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9620P	3654	1169	NA	NA
AMD A10-9630P	4497	988	NA	NA
AMD A10-9700	5388	819	62.31	\$86.48
AMD A10-9700E	4747	939	52.18	\$90.99
AMD A12-9700P	3717	1153	NA	NA
AMD A12-9720P	3992	1084	NA	NA
AMD A12-9730P	4417	1005	NA	NA
AMD A12-9800	5575	789	37.61	\$148.24*
AMD A12-9800E	5083	865	38.69	\$131.38
AMD Athlon64 X2 Dual Core 4600+	1108	2192	NA	NA
AMD Athlon 4	279	2788	4.00	\$69.99
AMD Athlon 64 2000+	116	2922	NA	NA
AMD Athlon 64 2200+	575	2480	NA	NA
AMD Athlon 64 2600+	374	2663	NA	NA
AMD Athlon 64 2800+	438	2591	4.38	\$99.99*
AMD Athlon 64 3000+	464	2559	4.26	\$108.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 3200+	492	2529	3.29	\$149.95*
AMD Athlon 64 3300+	576	2479	NA	NA
AMD Athlon 64 3400+	545	2491	NA	NA
AMD Athlon 64 3500+	540	2497	4.97	\$108.95
AMD Athlon 64 3600+	601	2464	NA	NA
AMD Athlon 64 3700+	598	2466	8.67	\$69.00*
AMD Athlon 64 3800+	589	2469	3.28	\$179.95*
AMD Athlon 64 4000+	608	2459	3.32	\$183.27*
AMD Athlon 64 FX-25	794	2376	NA	NA
AMD Athlon 64 FX-34	380	2655	NA	NA
AMD Athlon 64 FX-51	437	2592	NA	NA
AMD Athlon 64 FX-53	646	2440	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2405	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2401	NA	NA
AMD Athlon 64 FX-59	715	2408	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2094	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1949	NA	NA
AMD Athlon 64 FX-72	1794	1830	NA	NA
AMD Athlon 64 FX-74	1495	1987	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2288	NA	NA
AMD Athlon 64 X2 4200+	1285	2090	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2261	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2282	16.05	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	999	2255	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1044	2227	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	2196	6.87	\$159.95*
AMD Athlon 64 X2 Dual Core 4400+	1145	2175	19.10	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1218	2128	3.39	\$359.95
AMD Athlon 64 X2 Dual Core 4800+	1253	2111	2.73	\$459.95*
AMD Athlon 64 X2 Dual Core 5000+	1314	2069	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	2034	9.87	\$139.95
AMD Athlon 64 X2 Dual Core 5400+	1450	2006	27.37	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1484	1991	9.90	\$149.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core 5800+	1516	1974	60.68	\$24.99*
AMD Athlon 64 X2 Dual Core 6000+	1603	1936	34.89	\$45.95
AMD Athlon 64 X2 Dual Core 6400+	1787	1833	6.87	\$259.95*
AMD Athlon 64 X2 Dual Core BE-230	1095	2200	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2210	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2226	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2352	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2353	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2276	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2332	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	819	2361	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2333	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	925	2310	NA	NA
AMD Athlon 64 X2 QL-60	922	2314	NA	NA
AMD Athlon 64 X2 QL-62	1003	2252	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 QL-64	990	2266	NA	NA
AMD Athlon 64 X2 QL-65	1050	2225	NA	NA
AMD Athlon 64 X2 QL-66	947	2297	NA	NA
AMD Athlon 64 X2 QL-67	1006	2249	NA	NA
AMD Athlon 64 X2 TK-55	955	2289	NA	NA
AMD Athlon 64 X2 TK-57	988	2267	NA	NA
AMD Athlon 200GE	4921	903	74.62	\$65.95
AMD Athlon 220GE	5302	834	85.79	\$61.81
AMD Athlon 240GE	5411	812	77.38	\$69.94
AMD Athlon 300U	4863	916	NA	NA
AMD Athlon 1500+	294	2760	NA	NA
AMD Athlon 1640B	670	2431	13.42	\$50.00*
AMD Athlon 2000+	390	2651	NA	NA
AMD Athlon 2100+	412	2614	NA	NA
AMD Athlon 2200+	363	2680	4.55	\$79.99*
AMD Athlon 2400+	462	2563	NA	NA
AMD Athlon 2500+	374	2660	2.04	\$183.99*
AMD Athlon 2600+	444	2582	4.23	\$104.95*
AMD Athlon 2650e	409	2618	21.56	\$19.00*
AMD Athlon 2800+	447	2579	3.20	\$139.95*
AMD Athlon 2850e	506	2522	NA	NA
AMD Athlon 3100+	485	2540	NA	NA
AMD Athlon 3200+	458	2567	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	2083	10.78	\$119.95*
AMD Athlon 5150 APU	2105	1686	13.16	\$159.95
AMD Athlon 5200 Dual-Core	1266	2106	42.23	\$29.99*
AMD Athlon 5350 APU	2608	1487	17.50	\$149.00
AMD Athlon 5370 APU	2912	1387	45.73	\$63.70*
AMD Athlon 7450 Dual-Core	1450	2005	NA	NA
AMD Athlon 7550 Dual-Core	1470	1996	24.52	\$60.00*
AMD Athlon 7750 Dual-Core	1570	1950	9.51	\$165.21
AMD Athlon 7850 Dual-Core	1713	1869	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2771	NA	NA
AMD Athlon Dual Core 4050e	1086	2205	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 4450B	1165	2163	37.59	\$31.00*
AMD Athlon Dual Core 4450e	1107	2194	NA	NA
AMD Athlon Dual Core 4850B	1391	2028	NA	NA
AMD Athlon Dual Core 4850e	1314	2070	33.70	\$39.00*
AMD Athlon Dual Core 5000B	1308	2072	13.77	\$95.00*
AMD Athlon Dual Core 5050e	1343	2056	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1316	2068	NA	NA
AMD Athlon Dual Core 5400B	1420	2017	NA	NA
AMD Athlon Dual Core 5600B	1304	2076	NA	NA
AMD Athlon II 160u	560	2486	18.68	\$29.99*
AMD Athlon II 170u	626	2451	20.91	\$29.95*
AMD Athlon II Dual-Core M300	1111	2188	NA	NA
AMD Athlon II Dual-Core M320	1141	2177	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2222	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II N330 Dual-Core	1154	2169	NA	NA
AMD Athlon II N350 Dual-Core	1249	2118	NA	NA
AMD Athlon II N370 Dual-Core	1559	1954	NA	NA
AMD Athlon II Neo K125	473	2553	NA	NA
AMD Athlon II Neo K145	525	2505	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2380	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2344	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2375	NA	NA
AMD Athlon II P320 Dual-Core	1216	2130	40.63	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2116	27.83	\$44.95*
AMD Athlon II P360 Dual-Core	1318	2067	54.94	\$24.00*
AMD Athlon II X2 210e	1486	1990	NA	NA
AMD Athlon II X2 215	1566	1952	130.68	\$11.99*
AMD Athlon II X2 220	1633	1921	50.76	\$32.19
AMD Athlon II X2 225	1526	1967	NA	NA
AMD Athlon II X2 235e	1661	1908	9.13	\$181.88*
AMD Athlon II X2 240	1642	1914	102.70	\$15.99*
AMD Athlon II X2 240e	1700	1881	48.64	\$34.95*
AMD Athlon II X2 245	1661	1907	47.55	\$34.95*
AMD Athlon II X2 245e	1709	1873	21.37	\$80.00*
AMD Athlon II X2 250	1741	1853	44.71	\$38.95
AMD Athlon II X2 250e	1939	1756	25.28	\$76.73*
AMD Athlon II X2 250u	1004	2250	28.74	\$34.95*
AMD Athlon II X2 255	1841	1809	28.24	\$65.22*
AMD Athlon II X2 260	1875	1791	93.83	\$19.99*
AMD Athlon II X2 260u	1107	2193	13.28	\$83.44*
AMD Athlon II X2 265	1892	1782	22.84	\$82.88*
AMD Athlon II X2 270	1975	1738	82.37	\$23.99*
AMD Athlon II X2 270u	1285	2092	18.99	\$67.67*
AMD Athlon II X2 280	2129	1674	21.30	\$99.99*
AMD Athlon II X2 4300e	1483	1992	NA	NA
AMD Athlon II X2 4400e	1632	1923	NA	NA
AMD Athlon II X2 4450e	1504	1981	NA	NA
AMD Athlon II X2 B22	1714	1868	41.13	\$41.69*
AMD Athlon II X2 B24	1778	1836	44.52	\$39.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 B26	1906	1775	54.56	\$34.95
AMD Athlon II X2 B28	2085	1695	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1726	18.70	\$107.43*
AMD Athlon II X3 405e	2000	1728	25.00	\$79.99*
AMD Athlon II X3 415e	2247	1629	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1608	19.68	\$116.15*
AMD Athlon II X3 425	2314	1596	85.74	\$26.99*
AMD Athlon II X3 425e	2239	1636	NA	NA
AMD Athlon II X3 435	2470	1541	82.36	\$29.99*
AMD Athlon II X3 440	2566	1503	95.10	\$26.99*
AMD Athlon II X3 445	2573	1500	28.28	\$91.00*
AMD Athlon II X3 450	2621	1484	68.96	\$38.01
AMD Athlon II X3 455	2767	1438	70.97	\$38.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 460	2864	1408	73.46	\$38.99*
AMD Athlon II X4 553	3814	1126	NA	NA
AMD Athlon II X4 555	3830	1121	NA	NA
AMD Athlon II X4 559	4125	1063	NA	NA
AMD Athlon II X4 600e	2465	1543	18.93	\$130.23*
AMD Athlon II X4 605e	2734	1453	26.86	\$101.80*
AMD Athlon II X4 610e	2790	1431	39.87	\$69.99*
AMD Athlon II X4 615e	2899	1400	49.15	\$59.00*
AMD Athlon II X4 620	2929	1383	48.86	\$59.95
AMD Athlon II X4 620e	2906	1395	NA	NA
AMD Athlon II X4 630	3131	1314	49.74	\$62.95
AMD Athlon II X4 631 Quad-Core	3151	1309	39.39	\$80.00*
AMD Athlon II X4 635	3234	1276	46.24	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1289	120.73	\$26.49*
AMD Athlon II X4 640	3314	1255	41.46	\$79.95
AMD Athlon II X4 641 Quad-Core	3342	1247	36.53	\$91.50*
AMD Athlon II X4 645	3467	1215	43.37	\$79.95
AMD Athlon II X4 650	3482	1212	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	1185	20.09	\$178.04*
AMD Athlon II X4 655	2998	1357	NA	NA
AMD Athlon II X4 6400e	2594	1491	NA	NA
AMD Athlon L110	303	2741	NA	NA
AMD Athlon LE-1600	557	2487	26.57	\$21.00*
AMD Athlon LE-1620	578	2477	32.12	\$18.00*
AMD Athlon LE-1640	626	2450	NA	NA
AMD Athlon LE-1660	679	2428	NA	NA
AMD Athlon MP	230	2842	4.20	\$54.95*
AMD Athlon MP 1700+	339	2702	NA	NA
AMD Athlon MP 2400+	436	2593	NA	NA
AMD Athlon MP 2800+	497	2527	NA	NA
AMD Athlon Neo MV-40	410	2616	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2254	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2379	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2357	NA	NA
AMD Athlon PRO 200GE	5204	846	NA	NA
AMD Athlon QI-46	473	2552	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon TF-20	413	2612	NA	NA
AMD Athlon TF-36	395	2640	NA	NA
AMD Athlon X2 215	1543	1960	NA	NA
AMD Athlon X2 235e	1806	1827	NA	NA
AMD Athlon X2 240	1602	1937	NA	NA
AMD Athlon X2 240e	1670	1898	NA	NA
AMD Athlon X2 250	1696	1884	NA	NA
AMD Athlon X2 255	1627	1925	NA	NA
AMD Athlon X2 280	2303	1602	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1923	1765	38.49	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1628	NA	NA
AMD Athlon X2 440	1424	2015	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 Dual Core 3250e	778	2378	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2257	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2315	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2190	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2132	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2114	NA	NA
AMD Athlon X2 Dual Core L310	645	2441	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2247	NA	NA
AMD Athlon X3 425	2191	1653	NA	NA
AMD Athlon X3 435	2574	1499	26.96	\$95.49*
AMD Athlon X3 440	2078	1698	23.62	\$87.99*
AMD Athlon X3 445	2314	1595	NA	NA
AMD Athlon X3 455	2401	1566	NA	NA
AMD Athlon X4 605e	2505	1530	NA	NA
AMD Athlon X4 620	2861	1409	47.74	\$59.95
AMD Athlon X4 635	2891	1402	23.71	\$121.99*
AMD Athlon X4 640	3172	1296	NA	NA
AMD Athlon X4 740 Quad Core	4028	1078	14.54	\$277.00*
AMD Athlon X4 750 Quad Core	4551	974	NA	NA
AMD Athlon X4 750K Quad Core	4269	1036	55.45	\$76.99*
AMD Athlon X4 760K Quad Core	4595	967	109.47	\$41.98*
AMD Athlon X4 830	4701	943	NA	NA
AMD Athlon X4 840	5071	868	64.41	\$78.74*
AMD Athlon X4 845	5410	813	101.83	\$53.13*
AMD Athlon X4 860K	5411	811	40.10	\$134.95
AMD Athlon X4 870K	5320	833	66.52	\$79.99*
AMD Athlon X4 880K	5592	787	55.93	\$99.99*
AMD Athlon X4 950	5248	841	72.27	\$72.62
AMD Athlon XP1600+	281	2784	NA	NA
AMD Athlon XP1900+	353	2689	NA	NA
AMD Athlon XP2100+	287	2773	NA	NA
AMD Athlon XP2200+	401	2632	NA	NA
AMD Athlon XP2400+	374	2662	NA	NA
AMD Athlon XP 1500	282	2783	NA	NA
AMD Athlon XP 1500+	257	2813	NA	NA
AMD Athlon XP 1600+	267	2803	NA	NA
AMD Athlon XP 1700	344	2699	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 1700+	271	2799	4.43	\$61.25*
AMD Athlon XP 1800+	300	2748	5.10	\$58.95*
AMD Athlon XP 1900+	312	2732	NA	NA
AMD Athlon XP 2000+	299	2749	12.00	\$24.99*
AMD Athlon XP 2100+	323	2715	NA	NA
AMD Athlon XP 2200+	328	2714	3.87	\$84.95*
AMD Athlon XP 2300+	464	2560	NA	NA
AMD Athlon XP 2400+	360	2682	4.01	\$89.99*
AMD Athlon XP 2500+	355	2686	NA	NA
AMD Athlon XP 2600+	372	2666	16.18	\$23.03*
AMD Athlon XP 2700+	393	2643	4.64	\$84.79*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2800+	400	2634	NA	NA
AMD Athlon XP 2900+	424	2606	NA	NA
AMD Athlon XP 3000+	402	2630	5.06	\$79.70*
AMD Athlon XP 3100+	433	2597	NA	NA
AMD Athlon XP 3200+	432	2598	NA	NA
AMD Athlon XP 3400+	570	2483	NA	NA
AMD Athlon XP Pro3+	367	2673	NA	NA
AMD Athlon XP-M	541	2496	15.48	\$34.95*
AMD C-30	310	2734	NA	NA
AMD C-50	462	2562	NA	NA
AMD C-60	466	2556	NA	NA
AMD C-60 APU	544	2492	NA	NA
AMD C-70 APU	557	2488	NA	NA
AMD E1 Micro-6200T APU	960	2285	NA	NA
AMD E1-1200 APU	655	2438	NA	NA
AMD E1-1500 APU	688	2423	NA	NA
AMD E1-2100 APU	641	2446	NA	NA
AMD E1-2200 APU	767	2382	NA	NA
AMD E1-2500 APU	890	2330	NA	NA
AMD E1-6010 APU	869	2336	NA	NA
AMD E1-6015 APU	900	2325	NA	NA
AMD E1-7010 APU	1012	2245	NA	NA
AMD E2-1800 APU	815	2362	NA	NA
AMD E2-2000 APU	825	2358	NA	NA
AMD E2-3000 APU	1121	2180	NA	NA
AMD E2-3000M APU	1097	2198	54.85	\$20.00*
AMD E2-3200 APU	1380	2035	172.79	\$7.99*
AMD E2-3800 APU	1641	1915	NA	NA
AMD E2-6110 APU	1912	1773	NA	NA
AMD E2-7110 APU	2287	1607	NA	NA
AMD E2-9000	1649	1912	NA	NA
AMD E2-9000e	1344	2055	NA	NA
AMD E2-9010	1705	1875	NA	NA
AMD E2-9030	1515	1976	NA	NA
AMD E-240	319	2721	NA	NA
AMD E-300 APU	610	2458	NA	NA
AMD E-350	745	2396	NA	NA
AMD E-350 APU	757	2389	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E-350D APU	726	2403	NA	NA
AMD E-450 APU	766	2383	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1841	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1692	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2508	1527	NA	NA
AMD Embedded R-Series RX-216GD	2409	1562	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded R-Series RX-418GD Radeon R6	5068	870	NA	NA
AMD Embedded R-Series RX-421BD	4635	957	NA	NA
AMD EPYC 3201	9634	383	NA	NA
AMD EPYC 7251 8-Core	11811	254	22.47	\$525.59
AMD EPYC 7301	14978	162	22.01	\$680.62
AMD EPYC 7351	18081	96	14.36	\$1,259.55
AMD EPYC 7351P	14887	164	27.68	\$537.74
AMD EPYC 7371	22071	43	NA	NA
AMD EPYC 7401P	20221	64	18.81	\$1,075.00
AMD EPYC 7501	18942	85	9.19	\$2,060.86
AMD EPYC 7502P	23465	33	10.20	\$2,300.00*
AMD EPYC 7551	18483	88	6.40	\$2,887.00
AMD EPYC 7551P	18406	91	9.10	\$2,023.64
AMD FirePro A320 APU	4540	980	NA	NA
AMD FX-670K Quad-Core	4550	975	NA	NA
AMD FX-770K Quad-Core	4812	925	NA	NA
AMD FX-870K Quad Core	5021	883	NA	NA
AMD FX-4100 Quad-Core	4073	1072	26.55	\$153.45*
AMD FX-4130 Quad-Core	4164	1054	54.80	\$75.99*
AMD FX-4150 Quad-Core	4594	968	NA	NA
AMD FX-4170 Quad-Core	4868	912	48.69	\$99.99*
AMD FX-4200 Quad-Core	4260	1039	18.67	\$228.21*
AMD FX-4300 Quad-Core	4694	945	52.18	\$89.96
AMD FX-4320	4993	888	NA	NA
AMD FX-4330	5321	832	NA	NA
AMD FX-4350 Quad-Core	5338	827	12.42	\$430.00
AMD FX-6100 Six-Core	5404	816	20.95	\$258.00
AMD FX-6120 Six-Core	5751	769	NA	NA
AMD FX-6130 Six-Core	6215	716	NA	NA
AMD FX-6200 Six-Core	6110	728	17.97	\$339.95
AMD FX-6300 Six-Core	6405	700	25.51	\$251.08
AMD FX-6330 Six-Core	6954	643	NA	NA
AMD FX-6350 Six-Core	7017	635	42.03	\$166.99
AMD FX-7500 APU	3207	1285	NA	NA
AMD FX-7600P	4050	1074	NA	NA
AMD FX-7600P APU	4627	959	NA	NA
AMD FX-8100 Eight-Core	5964	742	42.00	\$142.00*
AMD FX-8120 Eight-Core	6643	678	29.83	\$222.73*
AMD FX-8140 Eight-Core	6133	725	NA	NA
AMD FX-8150 Eight-Core	7659	580	76.63	\$99.95
AMD FX-8300 Eight-Core	7762	568	77.66	\$99.95*
AMD FX-8310 Eight-Core	7731	572	NA	NA
AMD FX-8320 Eight-Core	8036	533	62.78	\$128.01
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8320E Eight-Core	7574	587	69.48	\$109.01
AMD FX-8350 Eight-Core	8955	451	47.86	\$187.11
AMD FX-8370 Eight-Core	9044	440	18.20	\$497.00
AMD FX-8370E Eight-Core	7854	554	24.54	\$320.09

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8800P	4145	1058	NA	NA
AMD FX-9370 Eight-Core	9467	397	15.57	\$608.00
AMD FX-9590 Eight-Core	10190	330	50.97	\$199.95
AMD FX-9800P	3963	1095	NA	NA
AMD FX-9830P	4773	933	NA	NA
AMD FX-B4150 Quad-Core	4611	964	NA	NA
AMD G-T40E	467	2555	NA	NA
AMD G-T40N	516	2514	NA	NA
AMD G-T40R	203	2869	NA	NA
AMD G-T44R	229	2843	NA	NA
AMD G-T48E	667	2433	NA	NA
AMD G-T52R	308	2736	NA	NA
AMD G-T56E	751	2391	NA	NA
AMD G-T56N	795	2373	NA	NA
AMD Geode NX	264	2806	NA	NA
AMD Geode NX 1750	291	2762	NA	NA
AMD GX-210JA SOC	401	2633	NA	NA
AMD GX-212JC SOC	744	2397	NA	NA
AMD GX-217GA SOC	1107	2195	NA	NA
AMD GX-218GL SOC	1207	2136	NA	NA
AMD GX-222GC SOC	1255	2110	NA	NA
AMD GX-412HC	1497	1986	NA	NA
AMD GX-415GA SOC	1944	1755	NA	NA
AMD GX-420CA SOC	2412	1561	NA	NA
AMD GX-424CC SOC	2491	1535	NA	NA
AMD K7	403	2627	NA	NA
AMD Opteron 140	396	2638	0.62	\$640.00
AMD Opteron 142	428	2602	NA	NA
AMD Opteron 144	486	2537	7.48	\$65.00*
AMD Opteron 146	532	2500	8.87	\$59.99*
AMD Opteron 148	603	2463	NA	NA
AMD Opteron 150	604	2461	NA	NA
AMD Opteron 152	658	2435	NA	NA
AMD Opteron 154	703	2416	NA	NA
AMD Opteron 165	899	2327	1.63	\$550.00
AMD Opteron 170	1097	2197	NA	NA
AMD Opteron 175	1167	2162	NA	NA
AMD Opteron 180	1236	2121	9.51	\$129.95*
AMD Opteron 185	1342	2057	NA	NA
AMD Opteron 246	632	2449	31.62	\$19.99*
AMD Opteron 248	476	2549	4.77	\$99.95
AMD Opteron 250	649	2439	59.01	\$11.00*
AMD Opteron 252	760	2387	12.00	\$63.36*
AMD Opteron 254	693	2421	NA	NA
AMD Opteron 256	963	2280	50.72	\$19.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 265	963	2281	13.20	\$73.00
AMD Opteron 270	1170	2158	1.93	\$607.47*
AMD Opteron 275	1291	2084	15.74	\$82.05

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 280	1176	2152	1.48	\$796.67*
AMD Opteron 285	1470	1997	18.39	\$79.95
AMD Opteron 290	1464	1999	10.85	\$135.00*
AMD Opteron 1210	923	2311	NA	NA
AMD Opteron 1210 HE	971	2275	NA	NA
AMD Opteron 1212	1009	2248	3.48	\$290.00*
AMD Opteron 1212 HE	1308	2073	NA	NA
AMD Opteron 1214	1191	2144	4.11	\$290.00*
AMD Opteron 1214 HE	1299	2078	NA	NA
AMD Opteron 1216	1311	2071	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2156	NA	NA
AMD Opteron 1218	1468	1998	NA	NA
AMD Opteron 1218 HE	1444	2007	NA	NA
AMD Opteron 1220	1653	1911	NA	NA
AMD Opteron 1222	1757	1843	NA	NA
AMD Opteron 1352	2316	1594	17.04	\$135.99*
AMD Opteron 1354	2630	1480	19.49	\$135.00*
AMD Opteron 1356	2765	1440	30.73	\$89.99*
AMD Opteron 1381	3065	1337	NA	NA
AMD Opteron 2212	1270	2104	63.53	\$20.00*
AMD Opteron 2214	1358	2050	46.85	\$29.00*
AMD Opteron 2214 HE	1415	2020	NA	NA
AMD Opteron 2216	1518	1973	58.84	\$25.80
AMD Opteron 2218	1594	1942	19.94	\$79.95
AMD Opteron 2220	1701	1879	21.29	\$79.95
AMD Opteron 2220 SE	1398	2024	55.92	\$25.00*
AMD Opteron 2222	1843	1807	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1768	NA	NA
AMD Opteron 2350	2820	1420	35.28	\$79.95
AMD Opteron 2354	2450	1549	7.38	\$332.03*
AMD Opteron 2356	2814	1423	54.12	\$52.00*
AMD Opteron 2373 EE	2789	1433	NA	NA
AMD Opteron 2374 HE	2951	1372	15.53	\$189.99*
AMD Opteron 2376	2283	1609	13.69	\$166.81*
AMD Opteron 2378	3179	1294	17.76	\$179.00*
AMD Opteron 2380	2640	1478	58.69	\$45.00
AMD Opteron 2384	3538	1196	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1197	NA	NA
AMD Opteron 2393 SE	2246	1630	NA	NA
AMD Opteron 2427	3069	1335	38.39	\$79.95
AMD Opteron 2431	4516	983	112.91	\$40.00*
AMD Opteron 2435	4708	942	24.91	\$189.00*
AMD Opteron 3250 HE	2942	1376	29.73	\$99.00*
AMD Opteron 3260 HE	3259	1267	NA	NA
AMD Opteron 3280	5403	817	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1467	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 3350 HE	4105	1066	NA	NA
AMD Opteron 3365	6088	734	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 3380	6384	702	7.89	\$809.00*
AMD Opteron 4122	2942	1377	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1299	NA	NA
AMD Opteron 4170 HE	3664	1166	62.11	\$59.00*
AMD Opteron 4184	4418	1004	8.50	\$519.95*
AMD Opteron 4280	6430	696	128.60	\$50.00
AMD Opteron 4284	6660	676	111.03	\$59.99*
AMD Opteron 4332 HE	5614	782	NA	NA
AMD Opteron 4334	6099	731	28.18	\$216.42*
AMD Opteron 4365 EE	5025	882	NA	NA
AMD Opteron 4386	6761	662	48.30	\$139.99*
AMD Opteron 6128	4505	986	237.24	\$18.99
AMD Opteron 6134	2938	1378	66.81	\$43.99*
AMD Opteron 6136	4631	958	42.10	\$110.00*
AMD Opteron 6164 HE	5351	825	NA	NA
AMD Opteron 6172	5261	838	26.57	\$198.00*
AMD Opteron 6174	6171	720	77.19	\$79.95
AMD Opteron 6176 SE	5465	806	34.37	\$159.00*
AMD Opteron 6212	5776	764	192.62	\$29.99*
AMD Opteron 6220	6785	658	113.11	\$59.99*
AMD Opteron 6234	5938	745	198.27	\$29.95*
AMD Opteron 6238	7673	578	21.32	\$359.89*
AMD Opteron 6272	6748	666	96.42	\$69.99
AMD Opteron 6274	4865	914	108.15	\$44.99
AMD Opteron 6276	8889	460	52.60	\$169.00
AMD Opteron 6282 SE	9116	428	14.24	\$640.00
AMD Opteron 6287 SE	9789	369	NA	NA
AMD Opteron 6328	7813	561	13.13	\$595.00
AMD Opteron 6366 HE	7503	591	250.19	\$29.99*
AMD Opteron 6376	9212	420	141.72	\$65.00
AMD Opteron 6378	9094	431	47.87	\$190.00
AMD Opteron 6380	10081	338	170.88	\$59.00
AMD Opteron 6386 SE	10912	286	75.26	\$144.99
AMD Opteron 8354	2255	1626	93.98	\$24.00
AMD Opteron 8439 SE	3813	1127	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1338	NA	NA
AMD Opteron X3216 APU	2366	1581	NA	NA
AMD Opteron X3418 APU	4659	950	NA	NA
AMD Opteron X3421 APU	4928	902	NA	NA
AMD Phenom 2 X4 12000	3005	1354	NA	NA
AMD Phenom 7950 Quad-Core	2991	1360	NA	NA
AMD Phenom 8250 Triple-Core	1668	1899	NA	NA
AMD Phenom 8250e Triple-Core	1635	1920	34.81	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1922	NA	NA
AMD Phenom 8450 Triple-Core	1889	1786	63.09	\$29.95*
AMD Phenom 8450e Triple-Core	2026	1719	NA	NA
AMD Phenom 8600 Triple-Core	1673	1896	31.57	\$52.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8600B Triple-Core	1924	1763	36.33	\$52.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8650 Triple-Core	1989	1731	39.80	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1708	NA	NA
AMD Phenom 8750B Triple-Core	2034	1714	NA	NA
AMD Phenom 8850 Triple-Core	1968	1742	NA	NA
AMD Phenom 8850B Triple-Core	2080	1697	NA	NA
AMD Phenom 9100e Quad-Core	1833	1816	45.89	\$39.95*
AMD Phenom 9150e Quad-Core	2113	1681	52.91	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1593	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1489	24.76	\$105.00*
AMD Phenom 9500 Quad-Core	2203	1648	75.99	\$28.99*
AMD Phenom 9550 Quad-Core	2544	1514	87.76	\$28.99*
AMD Phenom 9600 Quad-Core	2303	1601	46.11	\$49.95*
AMD Phenom 9600B Quad-Core	2573	1501	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2635	1479	58.63	\$44.95*
AMD Phenom 9750 Quad-Core	2810	1425	46.89	\$59.95
AMD Phenom 9750B Quad-Core	2709	1459	NA	NA
AMD Phenom 9850 Quad-Core	2887	1404	24.07	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1306	NA	NA
AMD Phenom 9950 Quad-Core	3009	1351	22.29	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1522	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1375	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1173	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1209	NA	NA
AMD Phenom II N620 Dual-Core	1684	1889	422.27	\$3.99*
AMD Phenom II N640 Dual-Core	1721	1861	26.51	\$64.95*
AMD Phenom II N660 Dual-Core	1844	1806	18.63	\$99.00*
AMD Phenom II N830 3+1	2652	1473	NA	NA
AMD Phenom II N830 Triple-Core	1890	1785	NA	NA
AMD Phenom II N850 Triple-Core	1937	1757	77.51	\$25.00*
AMD Phenom II N870 Triple-Core	1999	1729	NA	NA
AMD Phenom II N930 Quad-Core	2274	1614	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1539	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2515	1524	16.77	\$149.99*
AMD Phenom II P650 Dual-Core	1579	1947	45.12	\$35.00*
AMD Phenom II P820 Triple-Core	1602	1938	NA	NA
AMD Phenom II P840 Triple-Core	1709	1871	NA	NA
AMD Phenom II P860 Triple-Core	1756	1845	NA	NA
AMD Phenom II P920 Quad-Core	1866	1795	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1831	1818	NA	NA
AMD Phenom II P960 Quad-Core	2085	1693	74.48	\$28.00*
AMD Phenom II X2 511	2104	1687	NA	NA
AMD Phenom II X2 521	2071	1700	NA	NA
AMD Phenom II X2 545	1918	1769	43.62	\$43.98*
AMD Phenom II X2 550	2022	1720	40.46	\$49.99*
AMD Phenom II X2 555	2041	1711	72.98	\$27.98*
AMD Phenom II X2 560	2061	1704	31.71	\$64.99*
AMD Phenom II X2 565	2225	1642	74.21	\$29.99*
AMD Phenom II X2 570	2068	1703	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)
AMD Phenom II X2 B53	1709	1872	NA	NA
AMD Phenom II X2 B55	1921	1766	40.02	\$48.00*
AMD Phenom II X2 B57	1823	1821	NA	NA
AMD Phenom II X2 B59	2118	1678	48.11	\$44.04
AMD Phenom II X3 700e	2242	1634	NA	NA
AMD Phenom II X3 705e	2227	1639	14.63	\$152.34*
AMD Phenom II X3 710	2447	1550	28.95	\$84.53*
AMD Phenom II X3 715	2649	1477	31.17	\$84.99*
AMD Phenom II X3 720	2668	1469	38.13	\$69.99*
AMD Phenom II X3 740	2985	1361	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1451	36.47	\$75.00*
AMD Phenom II X3 B75	2906	1392	72.69	\$39.99*
AMD Phenom II X3 B77	3067	1336	137.64	\$22.29*
AMD Phenom II X4 805	2998	1356	17.23	\$173.99*
AMD Phenom II X4 810	3121	1319	26.91	\$115.99*
AMD Phenom II X4 820	3396	1231	45.31	\$74.95*
AMD Phenom II X4 830	3434	1222	43.47	\$79.00
AMD Phenom II X4 840	3508	1205	39.00	\$89.95*
AMD Phenom II X4 840T	3597	1179	51.41	\$69.99*
AMD Phenom II X4 850	3549	1189	54.62	\$64.99*
AMD Phenom II X4 900e	2882	1406	NA	NA
AMD Phenom II X4 905e	3080	1332	57.06	\$53.99*
AMD Phenom II X4 910	3247	1272	32.48	\$100.00*
AMD Phenom II X4 910e	3254	1269	20.73	\$156.99*
AMD Phenom II X4 920	3390	1233	42.39	\$79.99*
AMD Phenom II X4 925	3415	1225	77.65	\$43.99*
AMD Phenom II X4 940	3591	1182	60.53	\$59.34*
AMD Phenom II X4 945	3653	1170	53.64	\$68.11*
AMD Phenom II X4 955	3919	1107	30.11	\$130.16*
AMD Phenom II X4 960T	3777	1134	59.03	\$63.99*
AMD Phenom II X4 965	4180	1052	24.73	\$169.01
AMD Phenom II X4 970	4317	1028	29.15	\$148.11*
AMD Phenom II X4 973	3759	1141	NA	NA
AMD Phenom II X4 975	4453	994	31.88	\$139.69*
AMD Phenom II X4 977	3750	1145	NA	NA
AMD Phenom II X4 980	4490	991	19.52	\$229.99*
AMD Phenom II X4 8700e	2377	1575	NA	NA
AMD Phenom II X4 B05e	2792	1430	NA	NA
AMD Phenom II X4 B15e	2736	1450	NA	NA
AMD Phenom II X4 B25	3297	1259	NA	NA
AMD Phenom II X4 B35	3383	1237	NA	NA
AMD Phenom II X4 B40	3352	1242	NA	NA
AMD Phenom II X4 B45	3467	1214	NA	NA
AMD Phenom II X4 B50	3697	1159	NA	NA
AMD Phenom II X4 B55	3853	1115	NA	NA
AMD Phenom II X4 B60	4034	1077	NA	NA
AMD Phenom II X4 B65	4172	1053	NA	NA
AMD Phenom II X4 B70	4261	1038	NA	NA
AMD Phenom II X4 B93	3345	1244	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B95	3677	1163	50.41	\$72.95*
AMD Phenom II X4 B97	3868	1112	67.87	\$56.99*
AMD Phenom II X4 B99	4130	1062	NA	NA
AMD Phenom II X6 1035T	4665	947	24.68	\$189.00*
AMD Phenom II X6 1045T	4801	929	44.45	\$108.01
AMD Phenom II X6 1055T	4968	893	61.92	\$80.24*
AMD Phenom II X6 1065T	5034	880	NA	NA
AMD Phenom II X6 1075T	5333	829	47.20	\$112.99*
AMD Phenom II X6 1090T	5565	793	36.13	\$154.04*
AMD Phenom II X6 1100T	5709	772	32.17	\$177.49*
AMD Phenom II X6 1405T	5042	878	NA	NA
AMD Phenom II X620 Dual-Core	2189	1654	NA	NA
AMD Phenom II X640 Dual-Core	2021	1721	NA	NA
AMD Phenom II X920 Quad-Core	2650	1476	NA	NA
AMD Phenom II X940 Quad-Core	2695	1461	NA	NA
AMD Phenom Ultra X4 24500	3945	1099	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1882	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1647	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1850	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2150	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	2010	NA	NA
AMD Phenom X3 8550	1929	1761	11.35	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1842	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1730	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1637	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1401	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1458	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1463	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2133	NA	NA
AMD PRO A4-3350B APU	2274	1616	NA	NA
AMD PRO A4-8350B	2776	1436	NA	NA
AMD PRO A6-7350B	2759	1443	NA	NA
AMD PRO A6-8500B	2516	1523	NA	NA
AMD PRO A6-8530B	2388	1571	NA	NA
AMD PRO A6-8550B	2970	1368	NA	NA
AMD PRO A6-8570	3049	1344	NA	NA
AMD PRO A6-8570E	2824	1419	NA	NA
AMD PRO A6-9500	2950	1373	39.88	\$74.00*
AMD PRO A6-9500B	2076	1699	NA	NA
AMD PRO A6-9500E	2717	1456	36.73	\$74.00*
AMD PRO A8-8600B	3513	1203	NA	NA
AMD PRO A8-8650B	5250	840	NA	NA
AMD PRO A8-8670E	5015	884	NA	NA
AMD PRO A8-9600	5277	835	44.35	\$119.00*
AMD PRO A8-9600B	3964	1092	NA	NA
AMD PRO A10-8700B	3562	1188	NA	NA
AMD PRO A10-8730B	3971	1089	NA	NA
AMD PRO A10-8750B	5473	802	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A10-8770	5707	773	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A10-8770E	5035	879	NA	NA
AMD PRO A10-8850B	5852	753	NA	NA
AMD PRO A10-9700	5677	775	33.59	\$169.00*
AMD PRO A10-9700B	4380	1010	NA	NA
AMD PRO A10-9700E	5066	872	36.45	\$139.00*
AMD PRO A12-8800B	4111	1064	NA	NA
AMD PRO A12-8830B	4315	1029	NA	NA
AMD PRO A12-8870	6067	737	NA	NA
AMD PRO A12-8870E	5186	852	NA	NA
AMD PRO A12-9800	6132	726	36.29	\$169.00*
AMD PRO A12-9800B	4089	1069	NA	NA
AMD PRO A12-9800E	4769	934	28.22	\$169.00*
AMD QC-4000	1663	1905	NA	NA
AMD R-260H APU	1576	1948	NA	NA
AMD R-460L APU	1954	1748	NA	NA
AMD R-464L APU	3117	1321	NA	NA
AMD RX-427BB	4351	1016	NA	NA
AMD Ryzen 3 1200	6783	659	113.08	\$59.99
AMD Ryzen 3 1300X	7572	588	47.06	\$160.90
AMD Ryzen 3 2200G	7324	610	91.57	\$79.99
AMD Ryzen 3 2200GE	6976	639	NA	NA
AMD Ryzen 3 2200U	4585	970	NA	NA
AMD Ryzen 3 2300U	6103	730	NA	NA
AMD Ryzen 3 2300X	8448	498	NA	NA
AMD Ryzen 3 3200G	7846	556	79.25	\$99.00
AMD Ryzen 3 3200U	4795	930	NA	NA
AMD Ryzen 3 3300U	5103	862	NA	NA
AMD Ryzen 3 PRO 1200	7075	631	NA	NA
AMD Ryzen 3 PRO 1300	8022	538	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	860	NA	NA
AMD Ryzen 3 PRO 2200G	8034	534	NA	NA
AMD Ryzen 3 PRO 2200GE	7613	584	NA	NA
AMD Ryzen 3 PRO 2300U	7092	629	NA	NA
AMD Ryzen 3 PRO 3200GE	8147	520	NA	NA
AMD Ryzen 3 PRO 3300U	6888	653	NA	NA
AMD Ryzen 5 1400	8368	503	57.72	\$144.99
AMD Ryzen 5 1500X	10116	336	71.41	\$141.66
AMD Ryzen 5 1600	12277	241	108.23	\$113.44
AMD Ryzen 5 1600X	13194	213	89.76	\$146.99
AMD Ryzen 5 2400G	9320	409	78.21	\$119.18
AMD Ryzen 5 2400GE	8787	466	NA	NA
AMD Ryzen 5 2500U	7353	607	NA	NA
AMD Ryzen 5 2500X	9881	358	NA	NA
AMD Ryzen 5 2600	13532	205	104.66	\$129.30
AMD Ryzen 5 2600H	8366	504	NA	NA
AMD Ryzen 5 2600X	14369	178	98.15	\$146.40
AMD Ryzen 5 3400G	9985	347	66.57	\$149.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 3500U	7995	541	NA	NA
AMD Ryzen 5 3550H	8487	493	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 3600	19977	66	102.51	\$194.89
AMD Ryzen 5 3600X	20455	61	85.59	\$239.00
AMD Ryzen 5 PRO 1500	10133	334	NA	NA
AMD Ryzen 5 PRO 1600	12213	245	NA	NA
AMD Ryzen 5 PRO 2400G	9954	352	NA	NA
AMD Ryzen 5 PRO 2400GE	8529	490	NA	NA
AMD Ryzen 5 PRO 2500U	8257	513	NA	NA
AMD Ryzen 5 PRO 2600	14221	184	NA	NA
AMD Ryzen 5 PRO 3500U	8465	495	NA	NA
AMD Ryzen 5 PRO 3600	21037	58	NA	NA
AMD Ryzen 7 1700	13926	189	57.67	\$241.50
AMD Ryzen 7 1700X	14812	166	90.34	\$163.95
AMD Ryzen 7 1800X	15534	149	59.75	\$259.99
AMD Ryzen 7 2700	15086	159	77.79	\$193.95
AMD Ryzen 7 2700U	7403	603	NA	NA
AMD Ryzen 7 2700X	16980	111	71.12	\$238.75
AMD Ryzen 7 2800H	8498	492	NA	NA
AMD Ryzen 7 3700U	8060	528	NA	NA
AMD Ryzen 7 3700X	23898	31	62.24	\$384.00
AMD Ryzen 7 3750H	9062	436	NA	NA
AMD Ryzen 7 3800X	24562	24	61.56	\$399.00
AMD Ryzen 7 PRO 1700	14112	185	NA	NA
AMD Ryzen 7 PRO 1700X	15324	154	NA	NA
AMD Ryzen 7 PRO 2700	15406	153	NA	NA
AMD Ryzen 7 PRO 2700U	8801	464	NA	NA
AMD Ryzen 7 PRO 2700X	17161	108	NA	NA
AMD Ryzen 7 PRO 3700U	8347	508	NA	NA
AMD Ryzen 9 3900X	31875	2	42.51	\$749.88
AMD Ryzen Embedded R1505G	4889	910	NA	NA
AMD Ryzen Embedded V1202B	4368	1012	NA	NA
AMD Ryzen Embedded V1605B	6946	647	NA	NA
AMD Ryzen Embedded V1807B	8604	486	NA	NA
AMD Ryzen Threadripper 1900X	16125	135	76.79	\$209.99
AMD Ryzen Threadripper 1920X	19953	67	49.27	\$404.99
AMD Ryzen Threadripper 1950X	21943	44	51.03	\$429.99
AMD Ryzen Threadripper 2920X	22214	42	58.85	\$377.50
AMD Ryzen Threadripper 2950X	25487	17	39.29	\$648.76
AMD Ryzen Threadripper 2970WX	21620	48	23.12	\$934.99
AMD Ryzen Threadripper 2990WX	23158	36	13.68	\$1,693.24
AMD Ryzen Threadripper 2990X	19227	83	NA	NA
AMD Sempron 130	700	2417	28.03	\$24.99*
AMD Sempron 140	738	2399	18.64	\$39.59*
AMD Sempron 145	809	2370	8.52	\$94.92
AMD Sempron 150	747	2393	16.64	\$44.95*
AMD Sempron 200U	267	2802	3.08	\$87.00*
AMD Sempron 210U	391	2649	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 240	2110	1684	36.39	\$58.00
AMD Sempron 2100+	392	2647	NA	NA
AMD Sempron 2200+	282	2782	9.42	\$29.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2300+	318	2723	7.07	\$45.00*
AMD Sempron 2400+	314	2730	12.10	\$26.00*
AMD Sempron 2500+	335	2705	6.11	\$54.95*
AMD Sempron 2600+	374	2661	10.71	\$34.95
AMD Sempron 2650 APU	947	2296	17.66	\$53.68
AMD Sempron 2800+	383	2653	6.40	\$59.95
AMD Sempron 3000+	408	2620	20.41	\$20.00
AMD Sempron 3100+	452	2573	7.53	\$60.00*
AMD Sempron 3200+	406	2621	3.10	\$131.22*
AMD Sempron 3300+	484	2542	8.07	\$60.00
AMD Sempron 3400+	454	2571	18.96	\$23.98
AMD Sempron 3500+	379	2656	18.98	\$20.00*
AMD Sempron 3600+	483	2544	40.30	\$12.00*
AMD Sempron 3800+	554	2489	3.62	\$152.92*
AMD Sempron 3850 APU	1715	1866	23.54	\$72.90
AMD Sempron Dual Core 2100	936	2303	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2260	NA	NA
AMD Sempron Dual Core 2300	982	2268	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2293	NA	NA
AMD Sempron Dual Core 4900	1081	2211	NA	NA
AMD Sempron LE-250	490	2531	NA	NA
AMD Sempron LE-1100	438	2590	NA	NA
AMD Sempron LE-1150	444	2581	NA	NA
AMD Sempron LE-1200	528	2503	NA	NA
AMD Sempron LE-1250	543	2494	5.44	\$99.95*
AMD Sempron LE-1300	598	2465	28.51	\$21.00
AMD Sempron LE-1600	535	2499	NA	NA
AMD Sempron LE-1620	635	2447	NA	NA
AMD Sempron LE-1640	759	2388	NA	NA
AMD Sempron M100	566	2485	47.17	\$12.00*
AMD Sempron M120	582	2474	NA	NA
AMD Sempron SI-40	443	2583	36.93	\$12.00*
AMD Sempron SI-42	456	2570	15.22	\$30.01*
AMD Sempron X2 180	1391	2027	20.05	\$69.40*
AMD Sempron X2 190	1534	1965	18.39	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	2021	NA	NA
AMD Turion 64 Mobile MK-36	465	2557	NA	NA
AMD Turion 64 Mobile MK-38	513	2515	NA	NA
AMD Turion 64 Mobile ML-28	390	2650	NA	NA
AMD Turion 64 Mobile ML-30	402	2631	NA	NA
AMD Turion 64 Mobile ML-32	402	2629	NA	NA
AMD Turion 64 Mobile ML-34	425	2605	NA	NA
AMD Turion 64 Mobile ML-37	442	2584	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2509	NA	NA
AMD Turion 64 Mobile ML-42	615	2456	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile ML-44	591	2467	NA	NA
AMD Turion 64 Mobile MT-28	419	2607	NA	NA
AMD Turion 64 Mobile MT-30	378	2657	NA	NA
AMD Turion 64 Mobile MT-32	426	2604	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile MT-34	429	2600	NA	NA
AMD Turion 64 Mobile MT-37	484	2541	NA	NA
AMD Turion 64 Mobile MT-40	536	2498	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2395	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2384	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2329	63.89	\$13.95*
AMD Turion 64 X2 Mobile TL-58	947	2298	NA	NA
AMD Turion 64 X2 Mobile TL-60	996	2259	62.48	\$15.95*
AMD Turion 64 X2 Mobile TL-62	1087	2203	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1090	2202	27.69	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2176	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2164	12.92	\$90.00*
AMD Turion Dual-Core RM-70	912	2320	36.49	\$25.00*
AMD Turion Dual-Core RM-72	860	2339	21.52	\$39.99*
AMD Turion Dual-Core RM-74	1016	2243	NA	NA
AMD Turion Dual-Core RM-75	1003	2253	36.53	\$27.46*
AMD Turion II Dual-Core Mobile M500	1293	2082	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2075	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	2060	NA	NA
AMD Turion II N530 Dual-Core	1583	1946	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1968	NA	NA
AMD Turion II Neo K625 Dual-Core	975	2272	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2148	NA	NA
AMD Turion II Neo N40L Dual-Core	928	2308	NA	NA
AMD Turion II Neo N54L Dual-Core	1364	2043	NA	NA
AMD Turion II P520 Dual-Core	1360	2047	NA	NA
AMD Turion II P540 Dual-Core	1430	2014	28.65	\$49.95*
AMD Turion II P560 Dual-Core	1515	1975	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	2022	52.55	\$26.76*
AMD Turion II Ultra Dual-Core Mobile M620	1435	2011	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1670	1897	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1966	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2366	NA	NA
AMD Turion X2 Dual Core L510	923	2312	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2341	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2220	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	991	2264	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2207	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2219	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1120	2181	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2171	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1023	2237	16.51	\$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2209	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2135	63.72	\$18.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2122	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	2081	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1216	2131	30.44	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2258	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2234	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	2001	NA	NA
AMD V105	299	2750	NA	NA
AMD V120	623	2454	NA	NA
AMD V140	643	2444	12.89	\$49.95*
AMD V160	677	2429	NA	NA
AMD Z-01	523	2508	NA	NA
AMD Z-60 APU	500	2526	NA	NA
AMD-K6 3D	90	2926	NA	NA
AMD-K6-III	108	2923	NA	NA
AMD-K7	403	2628	NA	NA
Athlon 64 Dual Core 3800+	1234	2123	NA	NA
Athlon 64 Dual Core 4200+	1156	2168	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	2040	NA	NA
Athlon 64 Dual Core 5000+	1507	1980	NA	NA
Athlon 64 Dual Core 5400+	1614	1930	NA	NA
Athlon 64 Dual Core 5600+	1548	1957	NA	NA
Athlon Dual Core 4050e	968	2277	NA	NA
Athlon Dual Core 4450e	1204	2138	NA	NA
Athlon Dual Core 4850e	1346	2053	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1413	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1085	2206	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1170	2157	27.88	\$42.00
Celeron Dual-Core T3300 @ 2.00GHz	1201	2141	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	2100	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2137	NA	NA
HP Hexa-Core 2.0GHz	2178	1655	4.32	\$504.27*
Intel 2.80GHz	525	2506	NA	NA
Intel 1300 @ 1.66GHz	857	2343	NA	NA
Intel 1400 @ 1.83GHz	980	2269	NA	NA
Intel 1500 @ 2.00GHz	1024	2235	NA	NA
Intel Atom 230 @ 1.60GHz	307	2737	NA	NA
Intel Atom 330 @ 1.60GHz	587	2471	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2328	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2284	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1694	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1624	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1658	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3768	1136	16.24	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1245	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1304	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1547	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1515	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	920	14.62	\$332.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C3958 @ 2.00GHz	6586	683	14.67	\$449.00*
Intel Atom D410 @ 1.66GHz	301	2746	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2698	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2437	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2412	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2626	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D2550 @ 1.86GHz	680	2427	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2409	NA	NA
Intel Atom D2700 @ 2.13GHz	839	2351	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2406	NA	NA
Intel Atom E660 @ 1.30GHz	271	2798	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2695	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2711	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2476	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2532	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2347	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2165	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	1982	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1794	NA	NA
Intel Atom E3950 @ 1.60GHz	1882	1790	NA	NA
Intel Atom K510 @ 1.66GHz	658	2436	NA	NA
Intel Atom N270 @ 1.60GHz	270	2801	NA	NA
Intel Atom N280 @ 1.66GHz	282	2780	NA	NA
Intel Atom N435 @ 1.33GHz	261	2809	NA	NA
Intel Atom N450 @ 1.66GHz	296	2755	NA	NA
Intel Atom N455 @ 1.66GHz	283	2778	NA	NA
Intel Atom N470 @ 1.83GHz	318	2722	NA	NA
Intel Atom N475 @ 1.83GHz	314	2728	NA	NA
Intel Atom N550 @ 1.50GHz	524	2507	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	573	2481	6.66	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2742	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2504	NA	NA
Intel Atom N2800 @ 1.86GHz	625	2452	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2316	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1712	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2367	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1607	1933	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1191	2145	8.96	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1015	2244	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1273	2101	60.63	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1696	1883	27.11	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1833	1815	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1892	1783	25.71	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1894	1780	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2877	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2853	NA	NA
Intel Atom Z520 @ 1.33GHz	217	2854	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2786	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z540 @ 1.86GHz	348	2692	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2654	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2833	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2484	NA	NA
Intel Atom Z3735D @ 1.33GHz	937	2302	NA	NA
Intel Atom Z3735E @ 1.33GHz	948	2295	8.10	\$117.00*
Intel Atom Z3735F @ 1.33GHz	914	2317	5.04	\$181.30*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3735G @ 1.33GHz	906	2324	NA	NA
Intel Atom Z3736F @ 1.33GHz	913	2318	NA	NA
Intel Atom Z3740 @ 1.33GHz	1068	2216	NA	NA
Intel Atom Z3740D @ 1.33GHz	1011	2246	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2214	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1018	2242	NA	NA
Intel Atom Z3770 @ 1.46GHz	1252	2113	8.38	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2371	NA	NA
Intel Atom Z3775 @ 1.46GHz	1277	2099	36.49	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2096	NA	NA
Intel Atom Z3795 @ 1.60GHz	1804	1828	NA	NA
Intel Celeron 1.70GHz	130	2916	NA	NA
Intel Celeron 1.80GHz	136	2913	NA	NA
Intel Celeron 2.00GHz	182	2889	NA	NA
Intel Celeron 2.10GHz	244	2831	NA	NA
Intel Celeron 2.13GHz	208	2864	NA	NA
Intel Celeron 2.20GHz	213	2859	NA	NA
Intel Celeron 2.26GHz	223	2848	NA	NA
Intel Celeron 2.30GHz	227	2845	NA	NA
Intel Celeron 2.40GHz	217	2855	NA	NA
Intel Celeron 2.50GHz	247	2825	NA	NA
Intel Celeron 2.53GHz	245	2829	NA	NA
Intel Celeron 2.60GHz	238	2835	NA	NA
Intel Celeron 2.66GHz	249	2823	NA	NA
Intel Celeron 2.70GHz	245	2830	NA	NA
Intel Celeron 2.80GHz	254	2815	NA	NA
Intel Celeron 2.93GHz	283	2777	NA	NA
Intel Celeron 3.06GHz	284	2774	NA	NA
Intel Celeron 3.20GHz	288	2767	NA	NA
Intel Celeron 3.33GHz	333	2709	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2717	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2719	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2575	11.27	\$39.99*
Intel Celeron 430 @ 1.80GHz	487	2533	10.34	\$47.18
Intel Celeron 440 @ 2.00GHz	548	2490	18.28	\$29.99
Intel Celeron 450 @ 2.20GHz	625	2453	20.86	\$29.99*
Intel Celeron 530 @ 1.73GHz	474	2551	20.62	\$22.99*
Intel Celeron 540 @ 1.86GHz	521	2510	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2512	7.96	\$64.95
Intel Celeron 560 @ 2.13GHz	531	2501	6.65	\$79.95
Intel Celeron 570 @ 2.26GHz	517	2511	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 600MHz	147	2909	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2624	NA	NA
Intel Celeron 743 @ 1.30GHz	418	2608	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2392	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2670	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2457	NA	NA
Intel Celeron 847 @ 1.10GHz	934	2305	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2240	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 857 @ 1.20GHz	1146	2174	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2155	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	2085	NA	NA
Intel Celeron 887 @ 1.50GHz	1280	2095	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2430	23.32	\$28.99
Intel Celeron 925 @ 2.30GHz	691	2422	NA	NA
Intel Celeron 1000M @ 1.80GHz	1675	1894	NA	NA
Intel Celeron 1000MHz	213	2858	NA	NA
Intel Celeron 1005M @ 1.90GHz	1810	1824	NA	NA
Intel Celeron 1007U @ 1.50GHz	1390	2029	7.52	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1513	1978	NA	NA
Intel Celeron 1019Y @ 1.00GHz	946	2299	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1638	NA	NA
Intel Celeron 1037U @ 1.80GHz	1737	1856	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2146	NA	NA
Intel Celeron 1066MHz	259	2811	NA	NA
Intel Celeron 1100MHz	174	2895	NA	NA
Intel Celeron 1133MHz	282	2779	NA	NA
Intel Celeron 1200MHz	244	2832	NA	NA
Intel Celeron 1300MHz	288	2769	NA	NA
Intel Celeron 1333MHz	290	2763	NA	NA
Intel Celeron 1400MHz	302	2743	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1582	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1934	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1984	1734	NA	NA
Intel Celeron 2955U @ 1.40GHz	1417	2018	NA	NA
Intel Celeron 2957U @ 1.40GHz	1434	2012	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2189	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1597	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1943	NA	NA
Intel Celeron 2981U @ 1.60GHz	1364	2044	NA	NA
Intel Celeron 3205U @ 1.50GHz	1499	1984	5.22	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1641	1916	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1878	NA	NA
Intel Celeron 3765U @ 1.90GHz	1948	1753	NA	NA
Intel Celeron 3855U @ 1.60GHz	1686	1888	NA	NA
Intel Celeron 3865U @ 1.80GHz	1913	1771	NA	NA
Intel Celeron 3867U @ 1.80GHz	1843	1808	17.23	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1924	1764	NA	NA
Intel Celeron 3965U @ 2.20GHz	2358	1583	22.04	\$107.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3965Y @ 1.50GHz	1607	1932	15.03	\$107.00*
Intel Celeron 4205U @ 1.80GHz	1953	1750	18.25	\$107.00*
Intel Celeron @ 1.30GHz	965	2279	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2883	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2364	NA	NA
Intel Celeron B800 @ 1.50GHz	1278	2098	NA	NA
Intel Celeron B810 @ 1.60GHz	1395	2026	NA	NA
Intel Celeron B815 @ 1.60GHz	1365	2042	NA	NA
Intel Celeron B820 @ 1.70GHz	1432	2013	36.47	\$39.29*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron B830 @ 1.80GHz	1512	1979	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1863	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2800	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2744	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2725	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2704	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2625	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2545	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2472	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2342	7.80	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1052	2223	15.04	\$69.99
Intel Celeron E1500 @ 2.20GHz	1169	2159	59.51	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2109	NA	NA
Intel Celeron E3200 @ 2.40GHz	1382	2032	26.59	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1388	2030	24.36	\$57.00
Intel Celeron E3400 @ 2.60GHz	1440	2008	2.36	\$610.00*
Intel Celeron E3500 @ 2.70GHz	1454	2000	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	694	2419	13.90	\$49.99*
Intel Celeron G460 @ 1.80GHz	1035	2231	15.93	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2217	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2079	NA	NA
Intel Celeron G530 @ 2.40GHz	2130	1673	53.27	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1864	NA	NA
Intel Celeron G540 @ 2.50GHz	2196	1652	48.82	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1680	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1604	28.63	\$80.00
Intel Celeron G550T @ 2.20GHz	2032	1716	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1557	22.23	\$109.00
Intel Celeron G1101 @ 2.27GHz	1667	1901	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2490	1536	52.98	\$47.00
Intel Celeron G1610T @ 2.30GHz	2270	1619	56.72	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2577	1498	39.66	\$64.99
Intel Celeron G1620T @ 2.40GHz	2353	1587	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1534	35.63	\$69.99
Intel Celeron G1820 @ 2.70GHz	2754	1445	39.36	\$69.99
Intel Celeron G1820T @ 2.40GHz	2500	1533	59.54	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1671	NA	NA
Intel Celeron G1830 @ 2.80GHz	2559	1506	26.95	\$94.95
Intel Celeron G1840 @ 2.80GHz	2860	1410	31.78	\$90.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1840T @ 2.50GHz	2554	1509	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1389	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3139	1313	57.09	\$54.99
Intel Celeron G3900E @ 2.40GHz	2679	1466	NA	NA
Intel Celeron G3900T @ 2.60GHz	2925	1385	26.01	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1493	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1318	27.40	\$113.99*
Intel Celeron G3930 @ 2.90GHz	3036	1345	59.34	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1439	45.31	\$61.06
Intel Celeron G3930TE @ 2.70GHz	2970	1369	70.72	\$42.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3950 @ 3.00GHz	3049	1343	42.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3285	1261	73.53	\$44.69
Intel Celeron G4900T @ 2.90GHz	3096	1326	NA	NA
Intel Celeron G4920 @ 3.20GHz	3192	1292	41.74	\$76.50*
Intel Celeron J1750 @ 2.41GHz	1037	2230	NA	NA
Intel Celeron J1800 @ 2.41GHz	1022	2238	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1928	NA	NA
Intel Celeron J1900 @ 1.99GHz	1852	1802	NA	NA
Intel Celeron J3060 @ 1.60GHz	976	2271	NA	NA
Intel Celeron J3160 @ 1.60GHz	1793	1831	NA	NA
Intel Celeron J3355 @ 2.00GHz	1168	2160	NA	NA
Intel Celeron J3455 @ 1.50GHz	2112	1683	5.71	\$369.99
Intel Celeron J4005 @ 2.00GHz	1544	1959	10.99	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2651	1474	24.78	\$107.00*
Intel Celeron M 1.00GHz	207	2865	16.60	\$12.49*
Intel Celeron M 1.30GHz	316	2724	NA	NA
Intel Celeron M 1.50GHz	343	2700	NA	NA
Intel Celeron M 1.60GHz	364	2679	NA	NA
Intel Celeron M 1.70GHz	393	2645	NA	NA
Intel Celeron M 360 1.40GHz	328	2713	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2726	NA	NA
Intel Celeron M 420 @ 1.60GHz	334	2708	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2672	NA	NA
Intel Celeron M 440 @ 1.86GHz	392	2646	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2817	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2576	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2599	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2561	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2495	NA	NA
Intel Celeron M 600MHz	151	2907	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2569	NA	NA
Intel Celeron M 900MHz	204	2867	NA	NA
Intel Celeron M 1200MHz	275	2795	NA	NA
Intel Celeron M 1300MHz	303	2740	NA	NA
Intel Celeron M 1500MHz	333	2710	NA	NA
Intel Celeron M ULV 800MHz	184	2887	NA	NA
Intel Celeron N2805 @ 1.46GHz	460	2566	NA	NA
Intel Celeron N2806 @ 1.60GHz	802	2372	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2807 @ 1.58GHz	861	2338	NA	NA
Intel Celeron N2808 @ 1.58GHz	907	2323	NA	NA
Intel Celeron N2810 @ 2.00GHz	787	2377	5.62	\$139.99*
Intel Celeron N2815 @ 1.86GHz	859	2340	NA	NA
Intel Celeron N2820 @ 2.13GHz	936	2304	4.46	\$209.99
Intel Celeron N2830 @ 2.16GHz	966	2278	NA	NA
Intel Celeron N2840 @ 2.16GHz	1004	2251	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2139	NA	NA
Intel Celeron N2920 @ 1.86GHz	1514	1977	NA	NA
Intel Celeron N2930 @ 1.83GHz	1658	1909	NA	NA
Intel Celeron N2940 @ 1.83GHz	1722	1860	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N3000 @ 1.04GHz	899	2326	NA	NA
Intel Celeron N3010 @ 1.04GHz	973	2273	NA	NA
Intel Celeron N3050 @ 1.60GHz	878	2331	5.77	\$152.15
Intel Celeron N3060 @ 1.60GHz	990	2265	NA	NA
Intel Celeron N3150 @ 1.60GHz	1664	1902	NA	NA
Intel Celeron N3160 @ 1.60GHz	1662	1906	5.38	\$309.19
Intel Celeron N3350 @ 1.10GHz	1114	2186	NA	NA
Intel Celeron N3450 @ 1.10GHz	1850	1803	11.72	\$157.91
Intel Celeron N4000 @ 1.10GHz	1437	2009	13.44	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2254	1627	21.07	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1116	2184	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2262	NA	NA
Intel Celeron P4600 @ 2.00GHz	1328	2064	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2381	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2292	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2221	35.29	\$29.99*
Intel Celeron U1900 @ 1.99GHz	1704	1877	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2404	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2424	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2369	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2224	6.57	\$159.95*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2167	23.15	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1270	2103	17.84	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1384	2031	8.77	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	1993	54.88	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1108	2191	85.33	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2149	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1288	2087	43.03	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1360	2048	27.21	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	2004	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1499	1985	100.27	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1554	1956	103.68	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1885	56.45	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1715	1867	166.51	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1946	1754	38.94	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1628	1924	33.24	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1726	1859	43.29	\$39.88*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E7400 @ 2.80GHz	1769	1838	61.05	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1793	125.03	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1964	1744	16.38	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1490	1988	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1761	1840	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1883	1789	37.67	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1747	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1585	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1989	1732	99.53	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1804	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1676	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2149	1666	47.24	\$45.50*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8435 @ 3.06GHz	2116	1679	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2281	1610	57.06	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2400	1567	56.54	\$42.45*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1646	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2386	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2425	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2360	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2349	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	959	2286	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2274	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2183	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1080	2213	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1345	2054	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	2086	64.48	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1307	2074	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	2019	35.43	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2300	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1972	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1452	2003	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2239	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1453	2002	4.89	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1964	31.25	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1926	42.77	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1854	30.55	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1953	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1753	1848	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1754	1846	17.72	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1864	1798	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2015	1723	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2470	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2115	4.95	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1677	1893	5.91	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	925	2309	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	833	2355	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	839	2354	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2365	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5300 @ 1.73GHz	932	2306	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2319	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2322	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2313	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1039	2229	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2233	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2263	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1094	2201	109.58	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1116	2185	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1200	2142	75.48	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1148	2172	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2134	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2127	81.79	\$14.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T6500 @ 2.10GHz	1285	2091	85.77	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1258	2108	32.70	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1360	2046	72.00	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1360	2049	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1019	2241	46.36	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	2161	11.68	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1116	2182	5.54	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1193	2143	38.50	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1250	2117	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1271	2102	29.57	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1378	2038	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1423	2016	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1597	1940	2.63	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1297	2080	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1473	1995	13.52	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1673	1895	28.86	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1739	1855	38.70	\$44.95*
Intel Core2 Duo T9500 @ 2.60GHz	1793	1832	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1806	1826	6.04	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1762	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2016	1722	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2134	1670	5.35	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	874	2334	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2468	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2432	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2418	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	855	2345	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1128	2179	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1887	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1168	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3632	1171	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1218	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1875	1792	7.11	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1829	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2062	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1890	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1781	4.62	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2068	1702	2.43	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4156	1056	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	987	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	961	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	955	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2948	1374	73.75	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3281	1262	72.94	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2809	1426	122.23	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2980	1363	59.61	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3160	1305	13.17	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2525	1517	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1274	8.40	\$385.89*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9300 @ 2.50GHz	3158	1307	15.83	\$199.50*
Intel Core2 Quad Q9400 @ 2.66GHz	3339	1250	69.52	\$48.03*
Intel Core2 Quad Q9450 @ 2.66GHz	3757	1142	105.25	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3519	1202	100.60	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3531	1198	18.59	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3963	1093	89.09	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4158	1055	37.82	\$109.95*
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1097	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2683	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2733	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2611	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	464	2558	NA	NA
Intel Core 330 @ 1.60GHz	643	2443	NA	NA
Intel Core 860 @ 2.80GHz	4555	973	26.96	\$169.00*
Intel Core Duo L2300 @ 1.50GHz	719	2407	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2415	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2394	NA	NA
Intel Core Duo T2050 @ 1.60GHz	694	2420	NA	NA
Intel Core Duo T2250 @ 1.73GHz	754	2390	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2402	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2385	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2374	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2359	NA	NA
Intel Core Duo T2500 @ 2.00GHz	867	2337	7.23	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2301	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2236	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2493	NA	NA
Intel Core Duo U2500 @ 1.20GHz	511	2518	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1758	NA	NA
Intel Core i3-330M @ 2.13GHz	1785	1834	11.16	\$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2215	NA	NA
Intel Core i3-350M @ 2.27GHz	1891	1784	112.94	\$16.75
Intel Core i3-370M @ 2.40GHz	2015	1724	50.43	\$39.96*
Intel Core i3-380M @ 2.53GHz	2092	1690	34.91	\$59.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-380UM @ 1.33GHz	1157	2166	NA	NA
Intel Core i3-390M @ 2.67GHz	2167	1660	55.65	\$38.95*
Intel Core i3-530 @ 2.93GHz	2565	1504	23.76	\$108.00
Intel Core i3-540 @ 3.07GHz	2686	1464	20.67	\$129.99
Intel Core i3-550 @ 3.20GHz	2829	1417	16.10	\$175.74
Intel Core i3-560 @ 3.33GHz	2934	1379	16.31	\$179.95*
Intel Core i3-2100 @ 3.10GHz	3692	1162	67.14	\$54.99
Intel Core i3-2100T @ 2.50GHz	2980	1362	49.68	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1148	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3712	1157	32.29	\$114.99*
Intel Core i3-2120 @ 3.30GHz	3930	1105	56.15	\$70.00
Intel Core i3-2120T @ 2.60GHz	3166	1300	126.69	\$24.99
Intel Core i3-2125 @ 3.30GHz	4015	1079	19.40	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4075	1071	35.44	\$114.99
Intel Core i3-2140 @ 3.50GHz	4325	1024	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2310E @ 2.10GHz	2839	1412	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2432	1554	62.68	\$38.81
Intel Core i3-2312M @ 2.10GHz	2374	1577	NA	NA
Intel Core i3-2328M @ 2.20GHz	2545	1512	27.38	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1334	NA	NA
Intel Core i3-2330M @ 2.20GHz	2526	1516	50.58	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1574	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1862	NA	NA
Intel Core i3-2348M @ 2.30GHz	2621	1483	NA	NA
Intel Core i3-2350M @ 2.30GHz	2630	1481	82.52	\$31.88
Intel Core i3-2357M @ 1.30GHz	1556	1955	NA	NA
Intel Core i3-2365M @ 1.40GHz	1678	1892	NA	NA
Intel Core i3-2367M @ 1.40GHz	1708	1874	NA	NA
Intel Core i3-2370M @ 2.40GHz	2777	1435	69.77	\$39.81
Intel Core i3-2375M @ 1.50GHz	1769	1837	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1819	NA	NA
Intel Core i3-3110M @ 2.40GHz	3081	1331	38.54	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3225	1280	29.32	\$110.00*
Intel Core i3-3130M @ 2.60GHz	3384	1235	NA	NA
Intel Core i3-3210 @ 3.20GHz	4042	1075	20.32	\$199.00
Intel Core i3-3217U @ 1.80GHz	2302	1603	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1662	NA	NA
Intel Core i3-3220 @ 3.30GHz	4245	1041	77.21	\$54.99
Intel Core i3-3220T @ 2.80GHz	3695	1160	29.56	\$125.00
Intel Core i3-3225 @ 3.30GHz	4345	1018	13.37	\$324.99
Intel Core i3-3227U @ 1.90GHz	2467	1542	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1880	NA	NA
Intel Core i3-3240 @ 3.40GHz	4318	1027	86.36	\$50.00
Intel Core i3-3240T @ 2.90GHz	3659	1167	NA	NA
Intel Core i3-3245 @ 3.40GHz	4444	997	25.84	\$172.01*
Intel Core i3-3250 @ 3.50GHz	4455	993	46.90	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1174	NA	NA
Intel Core i3-4000M @ 2.40GHz	3257	1268	16.29	\$199.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4005U @ 1.70GHz	2444	1551	NA	NA
Intel Core i3-4010U @ 1.70GHz	2441	1552	16.28	\$149.99
Intel Core i3-4010Y @ 1.30GHz	1900	1778	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2164	1661	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2213	1645	NA	NA
Intel Core i3-4025U @ 1.90GHz	2787	1434	NA	NA
Intel Core i3-4030U @ 1.90GHz	2717	1457	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1528	NA	NA
Intel Core i3-4100M @ 2.50GHz	3417	1224	15.64	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3854	1114	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1398	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1342	NA	NA
Intel Core i3-4130 @ 3.40GHz	4803	927	53.38	\$89.99
Intel Core i3-4130T @ 2.90GHz	4147	1057	46.61	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4899	909	49.49	\$99.00
Intel Core i3-4150T @ 3.00GHz	4227	1042	18.39	\$229.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4158U @ 2.00GHz	2914	1386	NA	NA
Intel Core i3-4160 @ 3.60GHz	5049	876	46.12	\$109.47
Intel Core i3-4160T @ 3.10GHz	4451	996	29.68	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5192	850	19.98	\$259.95
Intel Core i3-4170T @ 3.20GHz	4545	979	21.65	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5086	863	27.49	\$185.00
Intel Core i3-4330T @ 3.00GHz	4485	992	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1287	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	843	30.84	\$169.99*
Intel Core i3-4350 @ 3.60GHz	4990	889	29.36	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	1032	NA	NA
Intel Core i3-4360 @ 3.70GHz	5461	807	21.09	\$259.00
Intel Core i3-4360T @ 3.20GHz	4636	956	NA	NA
Intel Core i3-4370 @ 3.80GHz	5613	783	18.17	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4870	911	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	899	NA	NA
Intel Core i3-5005U @ 2.00GHz	2907	1390	NA	NA
Intel Core i3-5010U @ 2.10GHz	3056	1340	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	2992	1358	NA	NA
Intel Core i3-5020U @ 2.20GHz	3202	1286	6.98	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	1165	NA	NA
Intel Core i3-6006U @ 2.00GHz	3082	1330	NA	NA
Intel Core i3-6098P @ 3.60GHz	5400	818	40.38	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5483	800	42.51	\$129.00
Intel Core i3-6100E @ 2.70GHz	3769	1135	NA	NA
Intel Core i3-6100H @ 2.70GHz	4219	1046	NA	NA
Intel Core i3-6100T @ 3.20GHz	4854	919	35.96	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	4304	1031	NA	NA
Intel Core i3-6100U @ 2.30GHz	3605	1178	7.00	\$515.00*
Intel Core i3-6102E @ 1.90GHz	3196	1290	14.20	\$225.00*
Intel Core i3-6157U @ 2.40GHz	3835	1120	NA	NA
Intel Core i3-6300 @ 3.80GHz	5845	756	10.78	\$541.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-6300T @ 3.30GHz	5247	842	33.86	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6047	738	23.09	\$261.85*
Intel Core i3-7020U @ 2.30GHz	3542	1192	12.61	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5785	762	33.17	\$174.40
Intel Core i3-7100H @ 3.00GHz	4627	960	20.57	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5056	874	36.25	\$139.46
Intel Core i3-7100U @ 2.40GHz	3767	1137	9.90	\$380.64*
Intel Core i3-7101TE @ 3.40GHz	5189	851	44.36	\$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1264	14.52	\$225.00*
Intel Core i3-7130U @ 2.70GHz	4058	1073	8.82	\$459.99*
Intel Core i3-7167U @ 2.80GHz	4757	936	NA	NA
Intel Core i3-7300 @ 4.00GHz	6328	707	36.83	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	822	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6417	699	35.12	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6599	682	38.15	\$172.99
Intel Core i3-8100 @ 3.60GHz	8019	539	51.52	\$155.67
Intel Core i3-8100B @ 3.60GHz	8544	489	64.24	\$133.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8100T @ 3.10GHz	7340	608	56.90	\$129.00
Intel Core i3-8109U @ 3.00GHz	6157	721	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	928	NA	NA
Intel Core i3-8130U @ 2.20GHz	5006	887	17.82	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5532	797	19.69	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8706	475	54.42	\$159.99
Intel Core i3-8300T @ 3.20GHz	8032	535	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9238	417	46.48	\$198.75
Intel Core i3-9100 @ 3.60GHz	9095	430	53.51	\$169.99
Intel Core i3-9100F @ 3.60GHz	8982	446	101.45	\$88.54
Intel Core i3-9100T @ 3.10GHz	7689	576	63.03	\$122.00*
Intel Core i3-9300 @ 3.70GHz	10018	341	65.91	\$152.00*
Intel Core i3-9300T @ 3.20GHz	8777	468	61.38	\$143.00*
Intel Core i3-9320 @ 3.70GHz	10144	332	62.62	\$162.00*
Intel Core i3-9350KF @ 4.00GHz	10571	305	49.40	\$214.00
Intel Core i3-21050 @ 3.10GHz	3862	1113	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1651	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1538	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3538	1195	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3676	1164	NA	NA
Intel Core i5-430M @ 2.27GHz	2095	1689	14.97	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	2058	NA	NA
Intel Core i5-450M @ 2.40GHz	2130	1672	66.69	\$31.95*
Intel Core i5-460M @ 2.53GHz	2321	1590	29.04	\$79.95*
Intel Core i5-470UM @ 1.33GHz	1081	2212	NA	NA
Intel Core i5-480M @ 2.67GHz	2402	1564	29.81	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1632	NA	NA
Intel Core i5-520M @ 2.40GHz	2368	1579	33.84	\$69.99*
Intel Core i5-520UM @ 1.07GHz	1351	2051	NA	NA
Intel Core i5-540M @ 2.53GHz	2453	1548	12.92	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	2039	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-560M @ 2.67GHz	2578	1497	31.46	\$81.97*
Intel Core i5-560UM @ 1.33GHz	1664	1904	NA	NA
Intel Core i5-580M @ 2.67GHz	2580	1496	23.47	\$109.95*
Intel Core i5-650 @ 3.20GHz	3097	1325	36.45	\$84.99*
Intel Core i5-655K @ 3.20GHz	3386	1234	56.45	\$59.99*
Intel Core i5-660 @ 3.33GHz	3251	1270	104.05	\$31.25*
Intel Core i5-661 @ 3.33GHz	3193	1291	13.88	\$229.99*
Intel Core i5-670 @ 3.47GHz	3319	1251	11.90	\$279.00*
Intel Core i5-680 @ 3.60GHz	3512	1204	39.03	\$89.99*
Intel Core i5-750 @ 2.67GHz	3721	1152	18.01	\$206.56*
Intel Core i5-760 @ 2.80GHz	3937	1103	43.75	\$89.99*
Intel Core i5-2300 @ 2.80GHz	5366	823	67.09	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5535	796	29.71	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5772	765	36.08	\$160.00
Intel Core i5-2380P @ 3.10GHz	5749	770	31.94	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4223	1044	42.27	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5970	741	87.80	\$68.00
Intel Core i5-2400S @ 2.50GHz	4985	890	14.66	\$339.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2405S @ 2.50GHz	5082	866	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3169	1298	44.02	\$72.00*
Intel Core i5-2415M @ 2.30GHz	3303	1258	NA	NA
Intel Core i5-2430M @ 2.40GHz	3286	1260	36.88	\$89.11*
Intel Core i5-2435M @ 2.40GHz	3232	1277	NA	NA
Intel Core i5-2450M @ 2.50GHz	3402	1227	38.65	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6149	724	68.34	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2321	1591	NA	NA
Intel Core i5-2500 @ 3.30GHz	6350	704	115.47	\$55.00
Intel Core i5-2500K @ 3.30GHz	6488	691	14.94	\$434.26*
Intel Core i5-2500S @ 2.70GHz	5379	821	71.74	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4647	953	51.64	\$89.99*
Intel Core i5-2510E @ 2.50GHz	3483	1211	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1256	NA	NA
Intel Core i5-2520M @ 2.50GHz	3593	1181	21.19	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2081	1696	NA	NA
Intel Core i5-2540M @ 2.60GHz	3787	1131	65.28	\$58.02
Intel Core i5-2550K @ 3.40GHz	6672	674	35.12	\$190.00*
Intel Core i5-2557M @ 1.70GHz	2691	1462	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1143	NA	NA
Intel Core i5-3210M @ 2.50GHz	3828	1123	56.10	\$68.24
Intel Core i5-3230M @ 2.60GHz	3942	1101	17.39	\$226.77*
Intel Core i5-3317U @ 1.70GHz	3091	1327	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4132	1061	55.06	\$75.05*
Intel Core i5-3330 @ 3.00GHz	5949	744	29.75	\$200.00*
Intel Core i5-3330S @ 2.70GHz	5678	774	59.78	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	761	NA	NA
Intel Core i5-3337U @ 1.80GHz	3229	1279	14.35	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1644	NA	NA
Intel Core i5-3340 @ 3.10GHz	6093	732	20.80	\$293.01*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3340M @ 2.70GHz	4247	1040	53.13	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	755	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6150	723	41.01	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4437	1000	47.81	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4440	998	NA	NA
Intel Core i5-3427U @ 1.80GHz	3544	1191	8.44	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3622	1172	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1382	NA	NA
Intel Core i5-3450 @ 3.10GHz	6539	688	29.81	\$219.33*
Intel Core i5-3450S @ 2.80GHz	6229	713	44.81	\$139.00*
Intel Core i5-3470 @ 3.20GHz	6722	669	81.25	\$82.74
Intel Core i5-3470S @ 2.90GHz	6384	701	50.32	\$126.89
Intel Core i5-3470T @ 2.90GHz	4490	990	14.53	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6617	681	46.12	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6967	640	69.68	\$99.99*
Intel Core i5-3550S @ 3.00GHz	6910	649	20.95	\$329.95*
Intel Core i5-3570 @ 3.40GHz	7139	626	89.25	\$79.99
Intel Core i5-3570K @ 3.40GHz	7185	623	51.33	\$139.99
Intel Core i5-3570S @ 3.10GHz	6751	665	23.69	\$285.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3570T @ 2.30GHz	5914	747	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3898	1109	NA	NA
Intel Core i5-4200H @ 2.80GHz	4453	995	NA	NA
Intel Core i5-4200M @ 2.50GHz	4038	1076	49.78	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3280	1263	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1563	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2262	1623	NA	NA
Intel Core i5-4210H @ 2.90GHz	4533	981	NA	NA
Intel Core i5-4210M @ 2.60GHz	4206	1048	13.57	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3401	1228	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2375	1576	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1600	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1397	NA	NA
Intel Core i5-4250U @ 1.30GHz	3376	1239	9.41	\$359.00
Intel Core i5-4258U @ 2.40GHz	4090	1068	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1186	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	1013	NA	NA
Intel Core i5-4288U @ 2.60GHz	4309	1030	NA	NA
Intel Core i5-4300M @ 2.60GHz	4439	999	NA	NA
Intel Core i5-4300U @ 1.90GHz	3740	1147	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2505	1529	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1366	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	1045	NA	NA
Intel Core i5-4310M @ 2.70GHz	4655	951	NA	NA
Intel Core i5-4310U @ 2.00GHz	3778	1133	NA	NA
Intel Core i5-4330M @ 2.80GHz	4547	978	16.54	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4861	917	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1175	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	976	17.10	\$266.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4402E @ 1.60GHz	3947	1098	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1428	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6338	706	24.53	\$258.41*
Intel Core i5-4430S @ 2.70GHz	5937	746	37.11	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6517	689	13.11	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6253	710	13.51	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6720	670	29.86	\$225.10
Intel Core i5-4460S @ 2.90GHz	6427	697	9.74	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4964	895	NA	NA
Intel Core i5-4570 @ 3.20GHz	7151	625	61.28	\$116.70
Intel Core i5-4570R @ 2.70GHz	6756	664	NA	NA
Intel Core i5-4570S @ 2.90GHz	6826	655	16.65	\$409.95
Intel Core i5-4570T @ 2.90GHz	4816	923	32.11	\$149.99*
Intel Core i5-4570TE @ 2.70GHz	3827	1124	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7336	609	56.44	\$129.99
Intel Core i5-4590S @ 3.00GHz	7069	632	58.92	\$119.99
Intel Core i5-4590T @ 2.00GHz	5612	784	26.73	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7468	595	32.19	\$232.00
Intel Core i5-4670K @ 3.40GHz	7635	583	22.20	\$343.89
Intel Core i5-4670K CPT @ 3.40GHz	7411	602	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4670R @ 3.00GHz	7419	601	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7386	606	34.68	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6155	722	23.76	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7689	577	32.58	\$236.00
Intel Core i5-4690K @ 3.50GHz	7797	562	50.63	\$154.00
Intel Core i5-4690S @ 3.20GHz	7401	604	20.60	\$359.21*
Intel Core i5-4690T @ 2.50GHz	6547	686	NA	NA
Intel Core i5-5200U @ 2.20GHz	3494	1208	NA	NA
Intel Core i5-5250U @ 1.60GHz	3597	1180	8.14	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4410	1006	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	944	NA	NA
Intel Core i5-5300U @ 2.30GHz	3830	1122	7.43	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3500	1207	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	593	NA	NA
Intel Core i5-5675C @ 3.10GHz	8135	523	26.25	\$309.95*
Intel Core i5-5675R @ 3.10GHz	7991	543	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4142	1059	NA	NA
Intel Core i5-6200U @ 2.30GHz	4009	1080	NA	NA
Intel Core i5-6260U @ 1.80GHz	4359	1015	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4911	906	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	937	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6092	733	NA	NA
Intel Core i5-6300U @ 2.40GHz	4366	1014	NA	NA
Intel Core i5-6360U @ 2.00GHz	4686	946	NA	NA
Intel Core i5-6400 @ 2.70GHz	6757	663	19.87	\$340.03*
Intel Core i5-6400T @ 2.20GHz	5611	785	21.59	\$259.95*
Intel Core i5-6402P @ 2.80GHz	7107	628	37.41	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	714	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6440HQ @ 2.60GHz	6814	657	NA	NA
Intel Core i5-6500 @ 3.20GHz	7244	616	45.03	\$160.89
Intel Core i5-6500T @ 2.50GHz	6290	708	43.39	\$144.99*
Intel Core i5-6500TE @ 2.30GHz	6580	684	31.34	\$209.99*
Intel Core i5-6600 @ 3.30GHz	7773	565	29.65	\$262.13*
Intel Core i5-6600K @ 3.50GHz	8058	529	30.63	\$263.11*
Intel Core i5-6600T @ 2.70GHz	7271	613	24.24	\$299.95*
Intel Core i5-7200U @ 2.50GHz	4568	972	NA	NA
Intel Core i5-7260U @ 2.20GHz	5639	779	10.11	\$557.98
Intel Core i5-7267U @ 3.10GHz	5015	885	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	778	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6719	671	NA	NA
Intel Core i5-7300U @ 2.60GHz	5166	854	11.13	\$464.33
Intel Core i5-7360U @ 2.30GHz	5855	752	NA	NA
Intel Core i5-7400 @ 3.00GHz	7237	617	34.83	\$207.81
Intel Core i5-7400T @ 2.40GHz	6350	705	30.09	\$211.07
Intel Core i5-7440HQ @ 2.80GHz	7645	581	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	5901	749	23.60	\$250.00*
Intel Core i5-7500 @ 3.40GHz	7939	548	39.70	\$199.98
Intel Core i5-7500T @ 2.70GHz	6950	644	31.08	\$223.67
Intel Core i5-7600 @ 3.50GHz	8641	482	27.88	\$309.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7600K @ 3.80GHz	9051	439	33.28	\$272.00
Intel Core i5-7600T @ 2.80GHz	7974	545	22.85	\$348.99*
Intel Core i5-7640X @ 4.00GHz	9472	395	51.55	\$183.76
Intel Core i5-8200Y @ 1.30GHz	4339	1019	14.91	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4284	1034	NA	NA
Intel Core i5-8250U @ 1.60GHz	7660	579	NA	NA
Intel Core i5-8259U @ 2.30GHz	10987	278	14.13	\$777.40
Intel Core i5-8265U @ 1.60GHz	8005	540	26.95	\$297.00*
Intel Core i5-8265UC @ 1.60GHz	7780	564	NA	NA
Intel Core i5-8300H @ 2.30GHz	9472	396	37.89	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8947	455	NA	NA
Intel Core i5-8350U @ 1.70GHz	8145	521	27.43	\$297.00*
Intel Core i5-8365U @ 1.60GHz	8473	494	28.53	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11578	260	52.87	\$219.00
Intel Core i5-8400H @ 2.50GHz	10431	314	41.73	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9484	394	45.38	\$209.00
Intel Core i5-8500 @ 3.00GHz	11823	253	51.63	\$229.00*
Intel Core i5-8500B @ 3.00GHz	12756	227	66.44	\$192.00*
Intel Core i5-8500T @ 2.10GHz	9980	349	42.59	\$234.36*
Intel Core i5-8600 @ 3.10GHz	12487	234	45.05	\$277.21*
Intel Core i5-8600K @ 3.60GHz	12682	232	45.07	\$281.39
Intel Core i5-8600T @ 2.30GHz	10981	279	29.92	\$366.99*
Intel Core i5-9300H @ 2.40GHz	9776	372	39.10	\$250.00*
Intel Core i5-9400 @ 2.90GHz	11750	255	69.13	\$169.99
Intel Core i5-9400F @ 2.90GHz	12091	248	87.06	\$138.88
Intel Core i5-9400H @ 2.50GHz	10344	318	41.38	\$250.00*
Intel Core i5-9400T @ 1.80GHz	10606	304	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-9500 @ 3.00GHz	11887	252	57.99	\$204.99
Intel Core i5-9500F @ 3.00GHz	12956	221	64.14	\$202.00*
Intel Core i5-9500T @ 2.20GHz	10645	302	55.45	\$192.00*
Intel Core i5-9600K @ 3.70GHz	13475	210	58.59	\$229.99
Intel Core i5-9600KF @ 3.70GHz	13507	208	62.83	\$214.99
Intel Core i5-24050S @ 2.50GHz	4928	900	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3729	1149	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1741	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1513	NA	NA
Intel Core i7-620LM @ 2.00GHz	1954	1749	NA	NA
Intel Core i7-620M @ 2.67GHz	2720	1455	7.45	\$365.00*
Intel Core i7-620UM @ 1.07GHz	1323	2066	NA	NA
Intel Core i7-640LM @ 2.13GHz	2245	1631	NA	NA
Intel Core i7-640M @ 2.80GHz	2827	1418	14.14	\$199.95
Intel Core i7-640UM @ 1.20GHz	1638	1918	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1852	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1870	NA	NA
Intel Core i7-720QM @ 1.60GHz	3008	1352	27.36	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3192	1293	19.96	\$159.95*
Intel Core i7-820QM @ 1.73GHz	3222	1282	13.43	\$239.95*
Intel Core i7-840QM @ 1.87GHz	3411	1226	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	5027	881	17.34	\$289.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-860S @ 2.53GHz	4919	904	24.60	\$199.99*
Intel Core i7-870 @ 2.93GHz	5344	826	56.05	\$95.35
Intel Core i7-870S @ 2.67GHz	4849	921	NA	NA
Intel Core i7-875K @ 2.93GHz	5421	809	15.63	\$346.78*
Intel Core i7-880 @ 3.07GHz	5505	799	9.44	\$583.00*
Intel Core i7-920 @ 2.67GHz	4915	905	119.90	\$41.00
Intel Core i7-920XM @ 2.00GHz	3724	1150	9.31	\$399.95*
Intel Core i7-930 @ 2.80GHz	5134	857	46.68	\$109.99
Intel Core i7-940 @ 2.93GHz	5332	830	51.28	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3967	1090	NA	NA
Intel Core i7-950 @ 3.07GHz	5541	794	135.19	\$40.99*
Intel Core i7-960 @ 3.20GHz	5800	759	20.71	\$280.00
Intel Core i7-965 @ 3.20GHz	5850	754	41.79	\$139.99*
Intel Core i7-970 @ 3.20GHz	8360	506	16.72	\$499.95*
Intel Core i7-975 @ 3.33GHz	6119	727	14.75	\$414.90*
Intel Core i7-980 @ 3.33GHz	8647	481	43.24	\$199.98*
Intel Core i7-980X @ 3.33GHz	8753	472	9.62	\$909.99
Intel Core i7-985 @ 3.47GHz	6641	679	NA	NA
Intel Core i7-990X @ 3.47GHz	9067	435	25.91	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	368	NA	NA
Intel Core i7-1065G7 @ 1.30GHz	10932	285	NA	NA
Intel Core i7-2600 @ 3.40GHz	8186	518	74.43	\$109.99
Intel Core i7-2600K @ 3.40GHz	8438	501	54.44	\$155.00
Intel Core i7-2600S @ 2.80GHz	7091	630	42.98	\$164.99*
Intel Core i7-2610UE @ 1.50GHz	2481	1540	NA	NA
Intel Core i7-2617M @ 1.50GHz	2813	1424	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2620M @ 2.70GHz	3840	1118	22.61	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5522	798	24.02	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1495	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5468	805	NA	NA
Intel Core i7-2637M @ 1.70GHz	2900	1399	NA	NA
Intel Core i7-2640M @ 2.80GHz	3923	1106	32.71	\$119.95*
Intel Core i7-2655LE @ 2.20GHz	3229	1278	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5879	751	42.48	\$138.40*
Intel Core i7-2675QM @ 2.20GHz	5537	795	NA	NA
Intel Core i7-2677M @ 1.80GHz	2830	1416	NA	NA
Intel Core i7-2700K @ 3.50GHz	8693	477	29.28	\$296.90
Intel Core i7-2710QE @ 2.10GHz	5768	766	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	824	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6107	729	32.15	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6560	685	31.25	\$209.95*
Intel Core i7-2820QM @ 2.30GHz	6646	677	34.79	\$191.02*
Intel Core i7-2840QM @ 2.40GHz	6766	661	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6955	641	12.86	\$541.00*
Intel Core i7-2920XM @ 2.50GHz	6998	636	15.89	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	620	17.62	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3545	1190	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3150	1311	NA	NA
Intel Core i7-3520M @ 2.90GHz	4547	977	36.68	\$123.96
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3537U @ 2.00GHz	3807	1129	NA	NA
Intel Core i7-3540M @ 3.00GHz	4662	949	10.84	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1091	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	687	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7457	597	18.64	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	672	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6815	656	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	596	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7387	605	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7581	586	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6930	648	30.14	\$229.95*
Intel Core i7-3635QM @ 2.40GHz	6669	675	NA	NA
Intel Core i7-3667U @ 2.00GHz	3977	1088	NA	NA
Intel Core i7-3687U @ 2.10GHz	4136	1060	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1284	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8122	526	22.38	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	8311	509	34.64	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9281	414	66.30	\$139.99
Intel Core i7-3770K @ 3.50GHz	9516	390	47.59	\$199.99
Intel Core i7-3770S @ 3.10GHz	8900	459	23.48	\$379.00
Intel Core i7-3770T @ 2.50GHz	8208	516	24.87	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8990	443	22.48	\$399.99*
Intel Core i7-3820QM @ 2.70GHz	8403	502	29.49	\$285.00*
Intel Core i7-3840QM @ 2.80GHz	8763	471	30.22	\$289.95
Intel Core i7-3920XM @ 2.90GHz	8982	445	8.20	\$1,096.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3930K @ 3.20GHz	11978	251	23.73	\$504.85*
Intel Core i7-3940XM @ 3.00GHz	9160	424	17.00	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12582	233	13.11	\$959.78*
Intel Core i7-3970X @ 3.50GHz	12696	231	15.67	\$809.99*
Intel Core i7-4500U @ 1.80GHz	3787	1132	NA	NA
Intel Core i7-4510U @ 2.00GHz	3915	1108	NA	NA
Intel Core i7-4550U @ 1.50GHz	3717	1154	NA	NA
Intel Core i7-4558U @ 2.80GHz	4401	1007	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	1022	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	931	NA	NA
Intel Core i7-4600M @ 2.90GHz	4902	908	NA	NA
Intel Core i7-4600U @ 2.10GHz	4105	1065	NA	NA
Intel Core i7-4610M @ 3.00GHz	4906	907	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1146	NA	NA
Intel Core i7-4650U @ 1.70GHz	3951	1096	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7203	621	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7733	570	20.19	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7690	575	40.69	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7427	600	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7128	627	21.15	\$337.04*
Intel Core i7-4710HQ @ 2.50GHz	7724	573	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7985	544	29.41	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7533	590	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7192	622	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4720HQ @ 2.60GHz	7992	542	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8067	527	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8199	517	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8735	473	NA	NA
Intel Core i7-4765T @ 2.00GHz	7305	612	18.26	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9783	370	52.88	\$185.00
Intel Core i7-4770HQ @ 2.20GHz	8958	450	NA	NA
Intel Core i7-4770K @ 3.50GHz	10078	339	30.47	\$330.70
Intel Core i7-4770R @ 3.20GHz	9826	365	NA	NA
Intel Core i7-4770S @ 3.10GHz	9348	406	15.33	\$610.00
Intel Core i7-4770T @ 2.50GHz	8604	485	21.51	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	667	NA	NA
Intel Core i7-4771 @ 3.50GHz	9867	360	16.18	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7637	582	NA	NA
Intel Core i7-4790 @ 3.60GHz	9991	346	51.24	\$194.99
Intel Core i7-4790K @ 4.00GHz	11169	269	37.11	\$300.99
Intel Core i7-4790S @ 3.20GHz	9557	388	35.53	\$269.00
Intel Core i7-4790T @ 2.70GHz	9068	434	25.26	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8450	497	45.65	\$185.12*
Intel Core i7-4810MQ @ 2.80GHz	8651	480	45.55	\$189.95*
Intel Core i7-4820K @ 3.70GHz	9721	377	44.19	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9056	438	20.87	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7899	550	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9276	415	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4870HQ @ 2.50GHz	9352	405	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8981	448	15.31	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9337	408	20.30	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13025	219	27.39	\$475.60
Intel Core i7-4930MX @ 3.00GHz	9444	402	8.62	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9807	367	13.81	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9856	363	15.82	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13813	195	17.94	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10295	321	NA	NA
Intel Core i7-5500U @ 2.40GHz	3981	1087	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1117	NA	NA
Intel Core i7-5557U @ 3.10GHz	4953	897	7.03	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4327	1023	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	1043	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	519	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	514	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8360	505	NA	NA
Intel Core i7-5775C @ 3.30GHz	10867	290	15.83	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10870	289	NA	NA
Intel Core i7-5820K @ 3.30GHz	13015	220	45.03	\$289.00
Intel Core i7-5850EQ @ 2.70GHz	9817	366	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	398	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13664	198	41.53	\$329.00
Intel Core i7-5950HQ @ 2.90GHz	10850	291	NA	NA
Intel Core i7-5960X @ 3.00GHz	15995	138	16.66	\$959.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6498DU @ 2.50GHz	4437	1001	NA	NA
Intel Core i7-6500U @ 2.50GHz	4425	1002	11.26	\$393.00*
Intel Core i7-6560U @ 2.20GHz	4812	924	NA	NA
Intel Core i7-6567U @ 3.30GHz	5574	790	NA	NA
Intel Core i7-6600U @ 2.60GHz	4803	926	NA	NA
Intel Core i7-6650U @ 2.20GHz	4969	892	NA	NA
Intel Core i7-6700 @ 3.40GHz	10005	344	29.87	\$334.99
Intel Core i7-6700HQ @ 2.60GHz	8129	524	21.51	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11110	271	35.54	\$312.61*
Intel Core i7-6700T @ 2.80GHz	9000	441	23.94	\$375.99
Intel Core i7-6700TE @ 2.40GHz	8674	479	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9718	378	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13567	204	38.87	\$349.05
Intel Core i7-6820EQ @ 2.80GHz	8563	487	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9119	427	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8779	467	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6501	690	NA	NA
Intel Core i7-6850K @ 3.60GHz	14375	177	26.38	\$544.99
Intel Core i7-6900K @ 3.20GHz	17613	101	22.38	\$787.00
Intel Core i7-6920HQ @ 2.90GHz	9560	387	16.83	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19927	68	13.74	\$1,450.00
Intel Core i7-7500U @ 2.70GHz	5122	858	NA	NA
Intel Core i7-7560U @ 2.40GHz	5805	758	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7567U @ 3.50GHz	6464	692	7.26	\$889.98
Intel Core i7-7600U @ 2.80GHz	5112	861	NA	NA
Intel Core i7-7660U @ 2.50GHz	5993	740	NA	NA
Intel Core i7-7700 @ 3.60GHz	10686	297	33.50	\$319.03
Intel Core i7-7700HQ @ 2.80GHz	8769	469	NA	NA
Intel Core i7-7700K @ 4.20GHz	11997	249	34.57	\$347.00
Intel Core i7-7700T @ 2.90GHz	9288	412	30.06	\$309.00*
Intel Core i7-7740X @ 4.30GHz	12228	244	37.51	\$325.99
Intel Core i7-7800X @ 3.50GHz	14643	170	31.16	\$469.89
Intel Core i7-7820EQ @ 3.00GHz	9144	425	24.19	\$378.00*
Intel Core i7-7820HK @ 2.90GHz	9973	350	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9249	416	24.47	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18513	87	27.28	\$678.75
Intel Core i7-7900X @ 3.30GHz	20474	60	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9991	345	NA	NA
Intel Core i7-8086K @ 4.00GHz	16690	113	30.18	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3938	1102	10.02	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8259	512	NA	NA
Intel Core i7-8559U @ 2.70GHz	12289	240	21.70	\$566.22
Intel Core i7-8565U @ 1.80GHz	8886	461	NA	NA
Intel Core i7-8650U @ 1.90GHz	8712	474	NA	NA
Intel Core i7-8665U @ 1.90GHz	8953	453	21.89	\$409.00*
Intel Core i7-8700 @ 3.20GHz	15143	157	41.04	\$369.00
Intel Core i7-8700B @ 3.20GHz	14802	167	48.85	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15927	141	45.51	\$349.99
Intel Core i7-8700T @ 2.40GHz	12696	230	35.37	\$359.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8705G @ 3.10GHz	9936	354	7.05	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10539	307	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	371	NA	NA
Intel Core i7-8750H @ 2.20GHz	12408	235	31.41	\$395.00*
Intel Core i7-8809G @ 3.10GHz	10980	280	NA	NA
Intel Core i7-8850H @ 2.60GHz	13045	218	33.03	\$395.00*
Intel Core i7-9700 @ 3.00GHz	16302	127	49.40	\$329.99
Intel Core i7-9700F @ 3.00GHz	16518	119	47.33	\$349.00
Intel Core i7-9700K @ 3.60GHz	17176	107	47.06	\$364.99
Intel Core i7-9700KF @ 3.60GHz	17307	104	54.09	\$319.99
Intel Core i7-9700T @ 2.00GHz	12936	222	40.05	\$323.00*
Intel Core i7-9750H @ 2.60GHz	13652	200	NA	NA
Intel Core i7-9800X @ 3.80GHz	19733	74	32.89	\$599.99
Intel Core i7-9850H @ 2.60GHz	14368	179	36.38	\$395.00*
Intel Core i9-7900X @ 3.30GHz	21886	45	23.04	\$949.99
Intel Core i9-7920X @ 2.90GHz	23285	35	20.25	\$1,149.99*
Intel Core i9-7940X @ 3.10GHz	25368	19	20.46	\$1,239.99*
Intel Core i9-7960X @ 2.80GHz	26080	14	19.32	\$1,349.99*
Intel Core i9-7980XE @ 2.60GHz	27705	11	14.36	\$1,929.99*
Intel Core i9-8950HK @ 2.90GHz	14257	182	24.46	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21599	49	28.80	\$749.99
Intel Core i9-9880H @ 2.30GHz	16399	124	29.50	\$556.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-9900 @ 3.10GHz	19284	80	43.83	\$439.99
Intel Core i9-9900K @ 3.60GHz	20197	65	40.80	\$494.99
Intel Core i9-9900KF @ 3.60GHz	20551	59	48.93	\$419.99
Intel Core i9-9900X @ 3.50GHz	23008	37	25.01	\$919.99
Intel Core i9-9920X @ 3.50GHz	25456	18	21.92	\$1,161.21
Intel Core i9-9940X @ 3.30GHz	27142	12	24.68	\$1,099.99
Intel Core i9-9960X @ 3.10GHz	28220	8	20.16	\$1,399.99
Intel Core i9-9980HK @ 2.40GHz	17865	97	30.64	\$583.00*
Intel Core i9-9980XE @ 3.00GHz	29666	4	15.49	\$1,914.99
Intel Core m3-6Y30 @ 0.90GHz	3025	1347	10.77	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3528	1199	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1254	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3562	1187	12.68	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3351	1243	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3225	1281	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3459	1216	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2653	1472	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1573	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2815	1422	10.02	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1415	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2508	1526	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2911	1388	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2991	1359	10.65	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2644	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2637	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2554	NA	NA
Intel Core Solo U1300 @ 1.06GHz	273	2797	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Solo U1400 @ 1.20GHz	278	2791	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2712	NA	NA
Intel E3000 @ 3.40GHz	2767	1437	NA	NA
Intel Pentium 4 1.40GHz	164	2898	NA	NA
Intel Pentium 4 1.50GHz	131	2915	NA	NA
Intel Pentium 4 1.60GHz	129	2917	NA	NA
Intel Pentium 4 1.70GHz	132	2914	NA	NA
Intel Pentium 4 1.80GHz	161	2901	NA	NA
Intel Pentium 4 1.90GHz	159	2902	NA	NA
Intel Pentium 4 2.00GHz	189	2880	NA	NA
Intel Pentium 4 2.20GHz	209	2862	NA	NA
Intel Pentium 4 2.26GHz	221	2850	NA	NA
Intel Pentium 4 2.40GHz	228	2844	NA	NA
Intel Pentium 4 2.50GHz	245	2828	NA	NA
Intel Pentium 4 2.53GHz	248	2824	NA	NA
Intel Pentium 4 2.60GHz	288	2770	NA	NA
Intel Pentium 4 2.66GHz	254	2816	NA	NA
Intel Pentium 4 2.80GHz	322	2718	NA	NA
Intel Pentium 4 2.93GHz	293	2761	NA	NA
Intel Pentium 4 3.00GHz	353	2690	NA	NA
Intel Pentium 4 3.06GHz	347	2693	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 3.20GHz	373	2664	NA	NA
Intel Pentium 4 3.40GHz	395	2639	NA	NA
Intel Pentium 4 3.46GHz	454	2572	NA	NA
Intel Pentium 4 3.60GHz	487	2534	NA	NA
Intel Pentium 4 3.73GHz	486	2536	NA	NA
Intel Pentium 4 3.80GHz	485	2538	NA	NA
Intel Pentium 4 3.83GHz	195	2875	NA	NA
Intel Pentium 4 4.00GHz	184	2885	NA	NA
Intel Pentium 4 1300MHz	119	2921	NA	NA
Intel Pentium 4 1400MHz	127	2918	NA	NA
Intel Pentium 4 1500MHz	125	2919	NA	NA
Intel Pentium 4 1600MHz	193	2879	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2905	NA	NA
Intel Pentium 4 1800MHz	162	2900	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2908	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2874	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2891	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2863	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2894	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2861	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2870	NA	NA
Intel Pentium 5 2.66GHz	705	2413	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2199	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1139	2178	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2173	NA	NA
Intel Pentium 987 @ 1.50GHz	1228	2125	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	2025	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1448	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 1403 v2 @ 2.60GHz	3018	1348	NA	NA
Intel Pentium 2020M @ 2.40GHz	2274	1615	16.97	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2398	1568	17.90	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1654	1910	12.35	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1821	1823	13.59	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1062	2218	7.93	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2277	1612	NA	NA
Intel Pentium 3556U @ 1.70GHz	1691	1886	NA	NA
Intel Pentium 3558U @ 1.70GHz	1679	1891	NA	NA
Intel Pentium 3560M @ 2.40GHz	2269	1621	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2105	NA	NA
Intel Pentium 3805U @ 1.90GHz	1978	1737	NA	NA
Intel Pentium 3825U @ 1.90GHz	2519	1521	NA	NA
Intel Pentium 4405U @ 2.10GHz	2931	1380	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1705	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2050	1710	12.73	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3151	1310	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2226	1641	13.83	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3243	1273	20.15	\$161.00*
Intel Pentium 5405U @ 2.30GHz	3263	1265	20.27	\$161.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium A1018 @ 2.10GHz	1605	1935	NA	NA
Intel Pentium B940 @ 2.00GHz	1727	1858	57.71	\$29.94*
Intel Pentium B950 @ 2.10GHz	1716	1865	NA	NA
Intel Pentium B960 @ 2.20GHz	1853	1801	37.84	\$48.99*
Intel Pentium B970 @ 2.30GHz	1952	1752	38.28	\$50.99*
Intel Pentium B980 @ 2.40GHz	2026	1718	28.97	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1128	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	529	2502	NA	NA
Intel Pentium D 830 @ 3.00GHz	641	2445	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2473	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2410	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2398	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2368	NA	NA
Intel Pentium E2140 @ 1.60GHz	870	2335	5.51	\$157.95*
Intel Pentium E2160 @ 1.80GHz	998	2256	64.38	\$15.51
Intel Pentium E2180 @ 2.00GHz	1087	2204	36.26	\$29.99
Intel Pentium E2200 @ 2.20GHz	1202	2140	16.04	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2153	NA	NA
Intel Pentium E2220 @ 2.40GHz	1330	2063	15.47	\$85.99*
Intel Pentium E5200 @ 2.50GHz	1487	1989	41.38	\$35.94
Intel Pentium E5300 @ 2.60GHz	1538	1963	66.91	\$22.99
Intel Pentium E5400 @ 2.70GHz	1597	1941	121.77	\$13.12
Intel Pentium E5500 @ 2.80GHz	1636	1919	62.96	\$25.99
Intel Pentium E5700 @ 3.00GHz	1737	1857	115.89	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1889	1787	62.99	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1705	1876	165.57	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1763	1839	11.17	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1861	1799	18.62	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1931	1760	135.08	\$14.30
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E6800 @ 3.33GHz	1988	1733	22.34	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2321	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2283	NA	NA
Intel Pentium G620 @ 2.60GHz	2289	1605	91.63	\$24.99*
Intel Pentium G620T @ 2.20GHz	2033	1715	25.42	\$79.99*
Intel Pentium G630 @ 2.70GHz	2371	1578	23.72	\$100.00*
Intel Pentium G630T @ 2.30GHz	2089	1691	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2520	1520	16.81	\$150.00*
Intel Pentium G640T @ 2.40GHz	1979	1736	NA	NA
Intel Pentium G645 @ 2.90GHz	2592	1492	16.20	\$160.00*
Intel Pentium G645T @ 2.50GHz	2255	1625	NA	NA
Intel Pentium G840 @ 2.80GHz	2561	1505	73.21	\$34.99*
Intel Pentium G850 @ 2.90GHz	2668	1470	22.47	\$118.77*
Intel Pentium G860 @ 3.00GHz	2735	1452	91.21	\$29.99*
Intel Pentium G870 @ 3.10GHz	2816	1421	29.03	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2596	1490	74.42	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2754	1446	45.94	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2418	1558	50.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2870	1407	71.77	\$39.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2030T @ 2.60GHz	2487	1537	38.86	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1442	NA	NA
Intel Pentium G2120 @ 3.10GHz	3079	1333	19.30	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3199	1288	64.00	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3384	1236	41.28	\$82.00*
Intel Pentium G3220 @ 3.00GHz	3127	1316	27.43	\$114.00
Intel Pentium G3220T @ 2.60GHz	2555	1508	36.52	\$69.99*
Intel Pentium G3240 @ 3.10GHz	3156	1308	33.32	\$94.73
Intel Pentium G3240T @ 2.70GHz	2840	1411	NA	NA
Intel Pentium G3250 @ 3.20GHz	3242	1275	29.48	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2971	1367	33.02	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3868	1111	24.98	\$154.88
Intel Pentium G3260 @ 3.30GHz	3360	1241	24.00	\$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1381	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1570	NA	NA
Intel Pentium G3420 @ 3.20GHz	3397	1230	23.76	\$143.00
Intel Pentium G3420T @ 2.70GHz	3008	1353	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1232	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3319	1252	20.75	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1324	NA	NA
Intel Pentium G3450 @ 3.40GHz	3700	1158	37.01	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1370	NA	NA
Intel Pentium G3460 @ 3.50GHz	3582	1183	12.43	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3714	1156	35.62	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3542	1193	32.22	\$109.95
Intel Pentium G4400T @ 2.90GHz	3163	1303	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1405	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3794	1130	44.09	\$86.07
Intel Pentium G4500T @ 3.00GHz	3471	1213	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1050	40.24	\$103.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4560 @ 3.50GHz	4863	915	41.24	\$117.92
Intel Pentium G4560T @ 2.90GHz	3990	1085	36.28	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5075	867	21.15	\$239.95
Intel Pentium G4600T @ 3.00GHz	4266	1037	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5211	845	45.85	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1859	1800	46.49	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1669	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2059	1706	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5196	848	71.46	\$72.72
Intel Pentium Gold G5400T @ 3.10GHz	5048	877	78.89	\$64.00*
Intel Pentium Gold G5420 @ 3.80GHz	5407	814	84.50	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5195	849	30.57	\$169.94*
Intel Pentium Gold G5500T @ 3.20GHz	4346	1017	57.95	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5664	776	51.18	\$110.68
Intel Pentium III 933S @ 933MHz	238	2836	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2775	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2790	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2735	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III 1400 @ 1400MHz	297	2754	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2751	NA	NA
Intel Pentium III Mobile 750MHz	103	2924	NA	NA
Intel Pentium III Mobile 800MHz	182	2888	NA	NA
Intel Pentium III Mobile 866MHz	152	2906	NA	NA
Intel Pentium III Mobile 933MHz	218	2852	7.55	\$28.99
Intel Pentium III Mobile 1000MHz	245	2827	NA	NA
Intel Pentium III Mobile 1066MHz	246	2826	NA	NA
Intel Pentium III Mobile 1133MHz	251	2820	NA	NA
Intel Pentium III Mobile 1200MHz	240	2834	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1811	NA	NA
Intel Pentium J2900 @ 2.41GHz	1975	1739	NA	NA
Intel Pentium J3710 @ 1.60GHz	1920	1767	NA	NA
Intel Pentium J4205 @ 1.50GHz	2269	1620	NA	NA
Intel Pentium M 1.10GHz	282	2781	NA	NA
Intel Pentium M 1.20GHz	298	2752	NA	NA
Intel Pentium M 1.30GHz	301	2745	NA	NA
Intel Pentium M 1.40GHz	345	2697	NA	NA
Intel Pentium M 1.50GHz	366	2674	NA	NA
Intel Pentium M 1.60GHz	364	2677	NA	NA
Intel Pentium M 1.70GHz	406	2622	NA	NA
Intel Pentium M 1.73GHz	413	2613	NA	NA
Intel Pentium M 1.80GHz	411	2615	NA	NA
Intel Pentium M 1.86GHz	439	2589	NA	NA
Intel Pentium M 2.00GHz	461	2564	NA	NA
Intel Pentium M 2.10GHz	448	2577	NA	NA
Intel Pentium M 2.13GHz	502	2524	NA	NA
Intel Pentium M 2.26GHz	509	2520	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2543	NA	NA
Intel Pentium M 900MHz	217	2856	NA	NA
Intel Pentium M 1000MHz	233	2840	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1100MHz	259	2812	NA	NA
Intel Pentium M 1200MHz	237	2837	NA	NA
Intel Pentium M 1300MHz	303	2739	NA	NA
Intel Pentium M 1400MHz	320	2720	NA	NA
Intel Pentium M 1500MHz	354	2687	NA	NA
Intel Pentium M 1600MHz	335	2707	NA	NA
Intel Pentium M 1700MHz	376	2659	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1970	NA	NA
Intel Pentium N3520 @ 2.16GHz	1808	1825	NA	NA
Intel Pentium N3530 @ 2.16GHz	1912	1772	NA	NA
Intel Pentium N3540 @ 2.16GHz	1934	1759	7.71	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1837	1812	4.13	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1865	1796	NA	NA
Intel Pentium N4200 @ 1.10GHz	2036	1713	8.70	\$233.98*
Intel Pentium P6000 @ 1.87GHz	1243	2120	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	2065	46.63	\$28.44*
Intel Pentium P6200 @ 2.13GHz	1350	2052	30.04	\$44.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium P6300 @ 2.27GHz	1380	2036	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2906	1396	13.22	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2461	1544	15.29	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2623	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2346	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2350	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2434	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2414	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2411	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2400	NA	NA
Intel Pentium T2330 @ 1.60GHz	831	2356	NA	NA
Intel Pentium T2370 @ 1.73GHz	847	2348	24.21	\$35.00*
Intel Pentium T2390 @ 1.86GHz	948	2294	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2270	NA	NA
Intel Pentium T3200 @ 2.00GHz	1031	2232	85.96	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1113	2187	12.38	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1151	2170	95.94	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1231	2124	NA	NA
Intel Pentium T4400 @ 2.20GHz	1284	2093	NA	NA
Intel Pentium T4500 @ 2.30GHz	1333	2061	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2363	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2291	NA	NA
Intel T1200 @ 1.50GHz	435	2595	NA	NA
Intel T1400 @ 1.73GHz	929	2307	NA	NA
Intel T1500 @ 1.86GHz	953	2290	NA	NA
Intel T2050 @ 2.00GHz	959	2287	NA	NA
Intel Xeon 2.00GHz	233	2839	NA	NA
Intel XEON 2.20GHz	252	2818	NA	NA
Intel Xeon 2.40GHz	276	2793	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2594	NA	NA
Intel Xeon 2.80GHz	400	2635	NA	NA
Intel Xeon 3.00GHz	391	2648	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3.06GHz	491	2530	NA	NA
Intel Xeon 3.20GHz	461	2565	NA	NA
Intel Xeon 3.40GHz	478	2547	NA	NA
Intel Xeon 3.60GHz	509	2519	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2228	NA	NA
Intel Xeon 3.80GHz	604	2462	0.71	\$851.00*
Intel Xeon 1500MHz	193	2878	NA	NA
Intel Xeon 3040 @ 1.86GHz	1278	2097	51.05	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2077	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1971	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1969	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1835	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1810	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1951	NA	NA
Intel Xeon 5110 @ 1.60GHz	1084	2208	30.99	\$35.00*
Intel Xeon 5120 @ 1.86GHz	1248	2119	0.77	\$1,619.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 5130 @ 2.00GHz	1366	2041	43.44	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1939	NA	NA
Intel Xeon 5140 @ 2.33GHz	1644	1913	65.81	\$24.99*
Intel Xeon 5148 @ 2.33GHz	1590	1945	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1752	1849	12.52	\$139.95*
Intel Xeon 5160 @ 3.00GHz	1956	1746	52.18	\$37.49*
Intel Xeon @ 2.00GHz	11327	265	NA	NA
Intel Xeon @ 2.20GHz	1902	1777	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5582	788	23.27	\$239.87
Intel Xeon Bronze 3106 @ 1.70GHz	6890	651	15.18	\$454.00*
Intel Xeon D-1518 @ 2.20GHz	5322	831	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	768	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	638	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	515	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9643	382	27.71	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	571	13.54	\$571.00*
Intel Xeon D-1539 @ 1.60GHz	8443	500	17.37	\$486.00*
Intel Xeon D-1540 @ 2.00GHz	10740	294	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11064	274	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	298	19.24	\$555.00*
Intel Xeon D-1557 @ 1.50GHz	10950	283	15.78	\$694.00*
Intel Xeon D-1559 @ 1.50GHz	8055	530	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	175	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	187	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	522	38.22	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	225	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	194	24.41	\$566.00*
Intel Xeon D-2146NT @ 2.30GHz	10968	281	17.11	\$641.00*
Intel Xeon D-2183IT @ 2.20GHz	19381	79	10.99	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6241	711	124.86	\$49.99
Intel Xeon E3-1220 V2 @ 3.10GHz	6727	668	74.50	\$90.30
Intel Xeon E3-1220 v3 @ 3.10GHz	7167	624	17.48	\$409.95
Intel Xeon E3-1220 v5 @ 3.00GHz	7772	566	29.17	\$266.46*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1220 v6 @ 3.00GHz	7769	567	39.04	\$199.00
Intel Xeon E3-1220L @ 2.20GHz	3606	1176	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	1003	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1685	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	6086	736	95.12	\$63.99*
Intel Xeon E3-1225 V2 @ 3.20GHz	6950	645	81.78	\$84.99
Intel Xeon E3-1225 v3 @ 3.20GHz	7235	618	46.99	\$153.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7824	560	28.42	\$275.29
Intel Xeon E3-1225 v6 @ 3.30GHz	7958	547	33.18	\$239.87
Intel Xeon E3-1226 v3 @ 3.30GHz	7561	589	12.71	\$595.00*
Intel Xeon E3-1230 @ 3.20GHz	7861	552	37.61	\$209.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8867	462	113.69	\$78.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9320	410	43.35	\$215.00
Intel Xeon E3-1230 v5 @ 3.40GHz	9739	375	22.56	\$431.65*
Intel Xeon E3-1230 v6 @ 3.50GHz	9742	374	34.92	\$279.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	619	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9625	385	18.88	\$509.95
Intel Xeon E3-1235 @ 3.20GHz	7751	569	31.77	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	693	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7974	546	77.43	\$102.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9161	423	67.37	\$135.99
Intel Xeon E3-1240 v3 @ 3.40GHz	9671	380	25.16	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10371	315	30.36	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10458	313	36.30	\$288.10
Intel Xeon E3-1240L v3 @ 2.00GHz	7486	592	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	563	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10010	342	27.06	\$369.99
Intel Xeon E3-1245 @ 3.30GHz	8039	532	51.88	\$154.95
Intel Xeon E3-1245 V2 @ 3.40GHz	9128	426	35.80	\$255.00
Intel Xeon E3-1245 v3 @ 3.40GHz	9582	386	37.58	\$255.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10162	331	29.43	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10515	309	33.23	\$316.48
Intel Xeon E3-1246 v3 @ 3.50GHz	9864	361	24.12	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6266	709	73.18	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	325	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	5961	743	6.49	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7455	598	24.44	\$305.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9188	422	12.94	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	437	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	555	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	476	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8260	511	26.22	\$315.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9458	399	49.78	\$189.99
Intel Xeon E3-1270 v3 @ 3.50GHz	9919	356	49.60	\$199.99
Intel Xeon E3-1270 v5 @ 3.60GHz	10297	319	26.14	\$394.00
Intel Xeon E3-1270 v6 @ 3.80GHz	11157	270	32.95	\$338.61
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	296	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10096	337	11.37	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8122	525	26.72	\$304.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1275 V2 @ 3.50GHz	9433	403	23.90	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	10048	340	25.06	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10367	316	24.97	\$415.13*
Intel Xeon E3-1275 v6 @ 3.80GHz	11028	276	29.86	\$369.28
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	458	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10204	328	9.51	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8448	499	25.43	\$332.20
Intel Xeon E3-1280 V2 @ 3.60GHz	9451	400	11.00	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9827	364	21.89	\$449.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	300	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11041	275	25.85	\$427.10
Intel Xeon E3-1281 v3 @ 3.70GHz	10276	323	11.71	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	312	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	311	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1285 v6 @ 4.10GHz	11992	250	26.65	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	348	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	282	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	357	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	392	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8768	470	9.91	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	379	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	703	NA	NA
Intel Xeon E3-1505L v6 @ 2.20GHz	7887	551	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8949	454	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9658	381	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	9952	353	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9345	407	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10558	306	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10294	322	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10614	303	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	293	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	333	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7265	614	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	599	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5571	791	21.22	\$262.59*
Intel Xeon E5-1603 v3 @ 2.80GHz	6204	717	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	695	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5893	750	210.87	\$27.95*
Intel Xeon E5-1607 v2 @ 3.00GHz	6217	715	177.91	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	7039	634	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7256	615	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9069	433	139.54	\$65.00*
Intel Xeon E5-1620 v2 @ 3.70GHz	9499	391	163.81	\$57.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9746	373	60.92	\$159.99*
Intel Xeon E5-1620 v4 @ 3.50GHz	9933	355	29.73	\$334.13
Intel Xeon E5-1630 v3 @ 3.70GHz	10218	326	17.09	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10296	320	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11736	257	23.71	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12738	228	106.20	\$119.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1650 v3 @ 3.50GHz	13620	202	82.45	\$165.20
Intel Xeon E5-1650 v4 @ 3.60GHz	14226	183	28.01	\$508.00
Intel Xeon E5-1660 @ 3.30GHz	12272	242	10.00	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13808	196	7.63	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14678	168	9.08	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16203	132	13.18	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16235	130	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16442	120	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17122	109	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	93	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1201	113.71	\$30.99*
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1223	94.99	\$35.99*
Intel Xeon E5-2407 @ 2.20GHz	4188	1049	229.76	\$18.23*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2407 v2 @ 2.40GHz	4648	952	40.23	\$115.56*
Intel Xeon E5-2418L @ 2.00GHz	5202	847	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7063	633	18.11	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8691	478	79.23	\$109.69*
Intel Xeon E5-2430 @ 2.20GHz	7695	574	202.51	\$38.00*
Intel Xeon E5-2430 v2 @ 2.50GHz	8991	442	29.00	\$310.00*
Intel Xeon E5-2430L @ 2.00GHz	7834	557	242.71	\$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	680	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9221	419	230.59	\$39.99
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	411	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	452	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10196	329	156.90	\$64.99
Intel Xeon E5-2450L @ 1.80GHz	8261	510	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	11095	273	86.69	\$128.00
Intel Xeon E5-2470 v2 @ 2.40GHz	11268	267	55.50	\$203.03
Intel Xeon E5-2603 @ 1.80GHz	3580	1184	143.58	\$24.94*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1138	62.78	\$59.99*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	853	75.07	\$69.00
Intel Xeon E5-2603 v4 @ 1.70GHz	5431	808	20.89	\$260.00*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	553	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4601	965	76.48	\$60.17
Intel Xeon E5-2609 v2 @ 2.50GHz	5146	856	35.27	\$145.93
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	748	31.22	\$189.00
Intel Xeon E5-2609 v4 @ 1.70GHz	6905	650	19.20	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	246	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	172	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7925	549	376.49	\$21.05
Intel Xeon E5-2620 v2 @ 2.10GHz	8618	483	60.48	\$142.50
Intel Xeon E5-2620 v3 @ 2.40GHz	9965	351	118.64	\$84.00
Intel Xeon E5-2620 v4 @ 2.10GHz	11362	264	29.59	\$383.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	444	13.85	\$649.00
Intel Xeon E5-2623 v4 @ 2.60GHz	8506	491	15.50	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	404	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	238	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	217	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	277	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2630 @ 2.30GHz	8923	456	105.29	\$84.75*
Intel Xeon E5-2630 v2 @ 2.60GHz	10366	317	235.91	\$43.94
Intel Xeon E5-2630 v3 @ 2.40GHz	12796	226	98.43	\$130.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13910	190	21.08	\$659.99*
Intel Xeon E5-2630L @ 2.00GHz	8041	531	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	432	232.44	\$39.10
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	376	28.62	\$339.95*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	224	NA	NA
Intel Xeon E5-2637 @ 3.00GHz	4508	985	5.09	\$885.00*
Intel Xeon E5-2637 v2 @ 3.50GHz	9200	421	108.25	\$84.99*
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	335	32.64	\$309.99
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	310	9.82	\$1,069.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2640 @ 2.50GHz	9445	401	97.76	\$96.62
Intel Xeon E5-2640 v2 @ 2.00GHz	10206	327	54.55	\$187.11*
Intel Xeon E5-2640 v3 @ 2.60GHz	13893	191	79.40	\$174.99
Intel Xeon E5-2640 v4 @ 2.40GHz	15420	152	16.76	\$920.33
Intel Xeon E5-2643 @ 3.30GHz	8456	496	46.83	\$180.57
Intel Xeon E5-2643 v2 @ 3.50GHz	13117	215	119.25	\$110.00
Intel Xeon E5-2643 v3 @ 3.40GHz	13887	192	55.55	\$250.00
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	209	8.97	\$1,502.59
Intel Xeon E5-2648L @ 1.80GHz	6698	673	NA	NA
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	263	7.70	\$1,479.00*
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	262	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	199	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	169	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10266	324	148.79	\$69.00*
Intel Xeon E5-2650 v2 @ 2.60GHz	13220	212	183.49	\$72.05
Intel Xeon E5-2650 v3 @ 2.30GHz	14864	165	83.05	\$178.99
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	144	12.39	\$1,281.12*
Intel Xeon E5-2650L @ 1.80GHz	8550	488	108.24	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	359	72.74	\$135.84*
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	207	51.98	\$259.99
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	186	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	266	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9632	384	6.59	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	193	77.09	\$179.99*
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	128	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	17275	105	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11250	268	161.90	\$69.49*
Intel Xeon E5-2660 v2 @ 2.20GHz	13147	214	69.56	\$189.00
Intel Xeon E5-2660 v3 @ 2.60GHz	16213	131	32.17	\$503.98
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	112	11.25	\$1,499.99*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	188	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11736	256	104.45	\$112.37*
Intel Xeon E5-2667 @ 2.90GHz	10655	301	201.09	\$52.99*
Intel Xeon E5-2667 v2 @ 3.30GHz	16158	134	81.22	\$198.95*
Intel Xeon E5-2667 v3 @ 3.20GHz	16176	133	18.91	\$855.30
Intel Xeon E5-2667 v4 @ 3.20GHz	16684	114	8.56	\$1,949.03*
Intel Xeon E5-2670 @ 2.60GHz	12370	236	176.72	\$70.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2670 v2 @ 2.50GHz	15021	160	94.48	\$159.00
Intel Xeon E5-2670 v3 @ 2.30GHz	16647	117	55.49	\$300.00
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	126	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16401	123	23.43	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	52	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15137	158	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	100	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17000	110	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	21	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12904	223	189.58	\$68.07
Intel Xeon E5-2680 v2 @ 2.80GHz	15915	142	67.73	\$235.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2680 v3 @ 2.50GHz	18466	89	36.28	\$509.00
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	69	13.18	\$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	62	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17376	103	34.07	\$509.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	84	8.62	\$2,208.93*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	161	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	81	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	71	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14348	180	30.61	\$468.74*
Intel Xeon E5-2687W v2 @ 3.40GHz	16426	121	45.88	\$358.00
Intel Xeon E5-2687W v3 @ 3.10GHz	17795	98	30.16	\$589.99
Intel Xeon E5-2687W v4 @ 3.00GHz	19855	70	9.13	\$2,174.99*
Intel Xeon E5-2689 @ 2.60GHz	13432	211	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	73	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13723	197	103.03	\$133.19
Intel Xeon E5-2690 v2 @ 3.00GHz	16406	122	35.67	\$460.00*
Intel Xeon E5-2690 v3 @ 2.60GHz	19249	82	74.04	\$260.00
Intel Xeon E5-2690 v4 @ 2.60GHz	21167	55	9.75	\$2,169.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	136	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15993	139	61.75	\$258.99
Intel Xeon E5-2695 v3 @ 2.30GHz	19710	76	19.52	\$1,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	63	11.20	\$1,809.00
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	118	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	39	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	54	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17202	106	45.32	\$379.62
Intel Xeon E5-2697 v3 @ 2.60GHz	21402	53	45.94	\$465.90
Intel Xeon E5-2697 v4 @ 2.30GHz	21506	51	7.04	\$3,054.99*
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	40	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	57	6.15	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	47	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	41	8.92	\$2,509.00*
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	34	3.94	\$5,954.79*
Intel Xeon E5-4603 @ 2.00GHz	5014	886	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	418	NA	NA
Intel Xeon E5-4610 @ 2.40GHz	9552	389	7.81	\$1,223.00*
Intel Xeon E5-4610 v3 @ 1.70GHz	8853	463	7.26	\$1,219.00*
Intel Xeon E5-4617 @ 2.90GHz	9286	413	103.30	\$89.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4620 @ 2.20GHz	9113	429	67.91	\$134.21*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	174	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	150	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10701	295	3.92	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	229	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	272	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11685	259	166.96	\$69.99
Intel Xeon E5-4650L @ 2.60GHz	12145	247	101.22	\$119.99*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	239	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	143	11.36	\$1,399.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	145	3.30	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	201	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1320	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2157	1664	93.86	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1555	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1635	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	2023	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1556	27.31	\$88.78*
Intel Xeon E5310 @ 1.60GHz	2264	1622	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1606	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1525	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2907	1391	72.72	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2833	1414	70.92	\$39.95*
Intel Xeon E5410 @ 2.33GHz	3261	1266	15.61	\$208.95*
Intel Xeon E5420 @ 2.50GHz	3486	1210	55.39	\$62.95
Intel Xeon E5430 @ 2.66GHz	3750	1144	33.79	\$110.99*
Intel Xeon E5440 @ 2.83GHz	3963	1094	40.03	\$99.00
Intel Xeon E5450 @ 3.00GHz	4183	1051	77.47	\$54.00*
Intel Xeon E5462 @ 2.80GHz	3871	1110	141.82	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4085	1070	136.00	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	2037	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1381	2033	4.81	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2680	1465	38.32	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2974	1365	47.21	\$63.01*
Intel Xeon E5507 @ 2.27GHz	3125	1317	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4379	1011	306.92	\$14.27*
Intel Xeon E5530 @ 2.40GHz	4497	989	18.28	\$246.00*
Intel Xeon E5540 @ 2.53GHz	4747	940	80.46	\$59.00*
Intel Xeon E5603 @ 1.60GHz	2366	1580	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1341	13.95	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3380	1238	48.85	\$69.21*
Intel Xeon E5620 @ 2.40GHz	4777	932	33.22	\$143.81*
Intel Xeon E5630 @ 2.53GHz	5055	875	144.43	\$35.00*
Intel Xeon E5640 @ 2.67GHz	5250	839	187.60	\$27.99*
Intel Xeon E5645 @ 2.40GHz	6424	698	61.14	\$105.08*
Intel Xeon E5649 @ 2.53GHz	6889	652	59.91	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1560	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	559	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9489	393	43.13	\$219.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2124G @ 3.40GHz	9856	362	41.22	\$239.12*
Intel Xeon E-2126G @ 3.30GHz	13570	203	45.24	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10882	288	39.10	\$278.36*
Intel Xeon E-2136 @ 3.30GHz	15773	146	48.61	\$324.46*
Intel Xeon E-2144G @ 3.60GHz	11466	261	32.59	\$351.90*
Intel Xeon E-2146G @ 3.50GHz	15593	147	43.93	\$354.99*
Intel Xeon E-2174G @ 3.80GHz	12250	243	33.34	\$367.42
Intel Xeon E-2176G @ 3.70GHz	15583	148	38.20	\$407.99
Intel Xeon E-2176M @ 2.70GHz	13518	206	30.04	\$450.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2186G @ 3.80GHz	16017	137	30.51	\$524.99*
Intel Xeon E-2186M @ 2.90GHz	14554	173	23.36	\$623.00*
Intel Xeon E-2224 @ 3.40GHz	10525	308	53.16	\$198.00*
Intel Xeon E-2224G @ 3.50GHz	10008	343	45.91	\$218.00*
Intel Xeon E-2246G @ 3.60GHz	16667	116	53.59	\$311.00*
Intel Xeon E-2276M @ 2.80GHz	14626	171	32.50	\$450.00*
Intel Xeon E-2286M @ 2.40GHz	18421	90	29.57	\$623.00*
Intel Xeon Gold 5117 @ 2.00GHz	16672	115	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16389	125	13.65	\$1,200.90
Intel Xeon Gold 5120 @ 2.20GHz	18253	92	11.69	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	94	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10894	287	8.40	\$1,297.50*
Intel Xeon Gold 5218 @ 2.30GHz	22576	38	14.95	\$1,509.95
Intel Xeon Gold 6126 @ 2.60GHz	19711	75	9.81	\$2,008.95*
Intel Xeon Gold 6128 @ 3.40GHz	14941	163	8.49	\$1,759.75*
Intel Xeon Gold 6130 @ 2.10GHz	19643	78	9.35	\$2,099.95
Intel Xeon Gold 6132 @ 2.60GHz	23907	30	10.84	\$2,205.00*
Intel Xeon Gold 6134 @ 3.20GHz	18083	95	7.62	\$2,372.99*
Intel Xeon Gold 6136 @ 3.00GHz	21061	56	8.06	\$2,613.59*
Intel Xeon Gold 6138 @ 2.00GHz	25774	16	9.80	\$2,628.95
Intel Xeon Gold 6140 @ 2.30GHz	23964	29	9.82	\$2,439.99*
Intel Xeon Gold 6144 @ 3.50GHz	19654	77	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	22	5.46	\$4,608.95*
Intel Xeon Gold 6148 @ 2.40GHz	25817	15	8.83	\$2,925.00
Intel Xeon Gold 6152 @ 2.10GHz	23498	32	6.35	\$3,702.12
Intel Xeon Gold 6154 @ 3.00GHz	27722	10	7.09	\$3,909.00*
Intel Xeon Gold 6210U @ 2.50GHz	28560	7	NA	NA
Intel Xeon Gold 6230 @ 2.10GHz	24600	23	11.66	\$2,108.95
Intel Xeon Gold 6242 @ 2.80GHz	25313	20	9.45	\$2,678.99
Intel Xeon L3110 @ 3.00GHz	2273	1617	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1140	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2059	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3943	1100	8.82	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1822	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1618	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1613	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1668	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1444	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3014	1349	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1240	33.67	\$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	3503	1206	127.41	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3723	1151	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1155	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4324	1025	337.35	\$12.82
Intel Xeon L5530 @ 2.40GHz	4389	1009	227.93	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4338	1021	283.56	\$15.30*
Intel Xeon L5638 @ 2.00GHz	5622	780	80.43	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6869	654	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5640 @ 2.27GHz	6232	712	207.96	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1119	NA	NA
Intel Xeon MV 3.20GHz	683	2426	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26835	13	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	646	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	5	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	6	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	9	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	24434	27	2.80	\$8,725.00*
Intel Xeon Silver 4108 @ 1.80GHz	10838	292	21.25	\$509.95*
Intel Xeon Silver 4109T @ 2.00GHz	10946	284	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11706	258	28.91	\$405.00
Intel Xeon Silver 4112 @ 2.60GHz	8611	484	16.75	\$513.99*
Intel Xeon Silver 4114 @ 2.20GHz	14295	181	21.50	\$664.87*
Intel Xeon Silver 4116 @ 2.10GHz	15509	151	16.57	\$935.94
Intel Xeon Silver 4123 @ 3.00GHz	15185	156	NA	NA
Intel Xeon Silver 4208 @ 2.10GHz	13116	216	27.79	\$471.99
Intel Xeon Silver 4210 @ 2.20GHz	15974	140	29.04	\$550.00*
Intel Xeon Silver 4214 @ 2.20GHz	17722	99	25.17	\$704.00*
Intel Xeon Silver 4215 @ 2.50GHz	15200	155	20.29	\$749.00*
Intel Xeon Silver 4216 @ 2.10GHz	17469	102	18.09	\$965.70
Intel Xeon W3503 @ 2.40GHz	1756	1844	175.85	\$9.99*
Intel Xeon W3505 @ 2.53GHz	1844	1805	74.18	\$24.86*
Intel Xeon W3520 @ 2.67GHz	4943	898	102.99	\$48.00*
Intel Xeon W3530 @ 2.80GHz	5222	844	17.77	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5412	810	271.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5568	792	185.69	\$29.99*
Intel Xeon W3565 @ 3.20GHz	5780	763	82.63	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6047	739	12.60	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6183	719	28.83	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8027	537	16.06	\$499.99*
Intel Xeon W3680 @ 3.33GHz	8915	457	11.73	\$759.95*
Intel Xeon W3690 @ 3.47GHz	8981	447	85.54	\$105.00*
Intel Xeon W5580 @ 3.20GHz	5836	757	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6087	735	2.43	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	6954	642	29.59	\$235.05*
Intel Xeon W-2104 @ 3.20GHz	7475	594	29.32	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10675	299	25.79	\$413.99
Intel Xeon W-2125 @ 4.00GHz	12333	237	15.23	\$809.95*
Intel Xeon W-2133 @ 3.60GHz	14385	176	23.32	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16275	129	17.06	\$953.86*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2140B @ 3.20GHz	18610	86	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19772	72	16.57	\$1,192.99*
Intel Xeon W-2150B @ 3.00GHz	21543	50	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21856	46	14.28	\$1,530.39*
Intel Xeon W-2170B @ 2.50GHz	24561	25	NA	NA
Intel Xeon W-2175 @ 2.50GHz	24454	26	12.56	\$1,947.00*
Intel Xeon W-2195 @ 2.30GHz	24081	28	8.66	\$2,780.48*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-3175X @ 3.10GHz	33538	1	11.02	\$3,043.02
Intel Xeon W-3265 @ 2.70GHz	31691	3	9.46	\$3,349.00*
Intel Xeon X3210 @ 2.13GHz	2739	1449	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1328	51.35	\$60.15*
Intel Xeon X3230 @ 2.66GHz	3398	1229	47.53	\$71.50*
Intel Xeon X3320 @ 2.50GHz	3306	1257	14.41	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3174	1295	163.95	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3342	1248	15.91	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1125	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1116	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3935	1104	24.91	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3983	1086	116.85	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	1033	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	948	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3341	1249	44.15	\$75.68*
Intel Xeon X3440 @ 2.53GHz	4511	984	31.78	\$141.96*
Intel Xeon X3450 @ 2.67GHz	4749	938	59.40	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5147	855	14.42	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5334	828	35.88	\$148.70*
Intel Xeon X3480 @ 3.07GHz	5661	777	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1546	45.47	\$54.00*
Intel Xeon X5270 @ 3.50GHz	2553	1510	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1569	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3170	1297	10.23	\$309.95*
Intel Xeon X5365 @ 3.00GHz	3524	1200	35.42	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4105	1067	68.47	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4323	1026	94.01	\$45.99*
Intel Xeon X5470 @ 3.33GHz	4578	971	24.22	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4001	1082	17.78	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4529	982	45.30	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	913	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5274	836	17.30	\$304.85*
Intel Xeon X5560 @ 2.80GHz	5405	815	159.04	\$33.99*
Intel Xeon X5570 @ 2.93GHz	5619	781	318.03	\$17.67*
Intel Xeon X5647 @ 2.93GHz	5797	760	290.91	\$19.93*
Intel Xeon X5650 @ 2.67GHz	7306	611	103.09	\$70.87
Intel Xeon X5660 @ 2.80GHz	7591	585	90.24	\$84.12*
Intel Xeon X5667 @ 3.07GHz	6198	718	265.70	\$23.33*
Intel Xeon X5670 @ 2.93GHz	7829	558	260.98	\$30.00
Intel Xeon X5672 @ 3.20GHz	6461	694	143.61	\$44.99*
Intel Xeon X5675 @ 3.07GHz	8028	536	145.99	\$54.99
Intel Xeon X5677 @ 3.47GHz	6773	660	177.87	\$38.08*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5679 @ 3.20GHz	8958	449	NA	NA
Intel Xeon X5680 @ 3.33GHz	8359	507	121.16	\$69.00
Intel Xeon X5687 @ 3.60GHz	6984	637	124.01	\$56.32
Intel Xeon X5690 @ 3.47GHz	8800	465	71.56	\$122.99
Intel Xeon X5698 @ 4.40GHz	4272	1035	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1364	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon 4	314	2729	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2684	NA	NA
Mobile AMD Athlon 64 2700+	398	2636	NA	NA
Mobile AMD Athlon 64 2800+	440	2586	NA	NA
Mobile AMD Athlon 64 3000+	450	2574	NA	NA
Mobile AMD Athlon 64 3200+	448	2578	NA	NA
Mobile AMD Athlon 64 3400+	511	2517	NA	NA
Mobile AMD Athlon 64 3700+	435	2596	NA	NA
Mobile AMD Athlon 64 4000+	576	2478	NA	NA
Mobile AMD Athlon 1400+	266	2804	NA	NA
Mobile AMD Athlon 2500+	370	2668	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2805	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2658	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2758	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2528	NA	NA
Mobile AMD Athlon XP	572	2482	45.81	\$12.49
Mobile AMD Athlon XP-M	512	2516	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2886	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2808	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2810	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2716	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2753	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2701	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2747	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2678	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2696	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2694	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2667	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2676	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2675	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2587	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2535	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2521	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2766	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2757	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2706	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2665	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2550	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2523	NA	NA
Mobile AMD Sempron 2100+	252	2819	NA	NA
Mobile AMD Sempron 2600+	394	2642	NA	NA
Mobile AMD Sempron 2800+	361	2681	NA	NA
Mobile AMD Sempron 3000+	389	2652	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Sempron 3100+	416	2609	NA	NA
Mobile AMD Sempron 3200+	354	2688	NA	NA
Mobile AMD Sempron 3300+	446	2580	NA	NA
Mobile AMD Sempron 3400+	441	2585	NA	NA
Mobile AMD Sempron 3500+	408	2619	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Sempron 3600+	427	2603	NA	NA
Mobile AMD Sempron 3800+	485	2539	NA	NA
Mobile Intel Celeron 1.20GHz	170	2897	NA	NA
Mobile Intel Celeron 1.50GHz	188	2881	NA	NA
Mobile Intel Celeron 1.60GHz	188	2882	NA	NA
Mobile Intel Celeron 1.70GHz	181	2890	NA	NA
Mobile Intel Celeron 1.80GHz	186	2884	NA	NA
Mobile Intel Celeron 2.00GHz	204	2866	NA	NA
Mobile Intel Celeron 2.20GHz	226	2846	NA	NA
Mobile Intel Celeron 2.40GHz	236	2838	NA	NA
Mobile Intel Celeron 2.50GHz	281	2785	NA	NA
Mobile Intel Celeron 1200MHz	294	2759	NA	NA
Mobile Intel Celeron 1333MHz	280	2787	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2792	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2807	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2789	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2727	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2703	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2685	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2588	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2548	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2876	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2896	1.05	\$164.99
Mobile Intel Pentium 4 - M 1.80GHz	175	2893	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2841	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2871	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2873	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2857	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2814	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2731	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2860	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2872	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2822	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2764	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2847	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2765	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1532	NA	NA
Quad-Core AMD Opteron 1385	3442	1221	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3446	1220	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1384	NA	NA
VIA C3 Ezra	100	2925	NA	NA
VIA C7 1500MHz	284	2776	NA	NA
VIA C7-D 1500MHz	287	2772	NA	NA
VIA C7-D 1800MHz	203	2868	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA C7-D 2000MHz	368	2671	NA	NA
VIA C7-M 1000MHz	164	2899	NA	NA
VIA C7-M 1200MHz	140	2912	NA	NA
VIA C7-M 1600MHz	178	2892	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA C7-M 6300MHz	222	2849	NA	NA
VIA Eden 800MHz	155	2903	NA	NA
VIA Eden 1000MHz	123	2920	NA	NA
VIA Eden 1200MHz	142	2911	NA	NA
VIA Eden C1050@1.06GHz	352	2691	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2546	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1262	2107	NA	NA
VIA Esther 1000MHz	146	2910	NA	NA
VIA Esther 1300MHz	250	2821	NA	NA
VIA Esther 1500MHz	219	2851	NA	NA
VIA Esther 2000MHz	394	2641	NA	NA
VIA Nano L1900@1400MHz	457	2568	NA	NA
VIA Nano L2007@1600MHz	369	2669	NA	NA
VIA Nano L2100@1800MHz	428	2601	NA	NA
VIA Nano L2207@1600MHz	296	2756	NA	NA
VIA Nano L3025@1600MHz	517	2513	NA	NA
VIA Nano L3050@1800MHz	581	2475	NA	NA
VIA Nano L3600@2000MHz	645	2442	NA	NA
VIA Nano U2250 (1.6GHz Capable)	415	2610	NA	NA
VIA Nano U2250@1300+MHz	274	2796	NA	NA
VIA Nano U2500@1200MHz	306	2738	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2525	NA	NA
VIA Nano U3300@1200MHz	409	2617	NA	NA
VIA Nano U3500@1000MHz	275	2794	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2460	NA	NA
VIA Nehemiah	155	2904	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1779	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	2045	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2154	NA	NA
VIA Samuel 2	79	2927	NA	NA
ZHAOXIN KaiXian KX-U6780A@2.7GHz	5760	767	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	319	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	142	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	425	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	431	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	476	NA	NA
[Dual CPU] AMD EPYC 7281	13293	195	11.38	\$1,167.66
[Dual CPU] AMD EPYC 7371	19370	126	NA	NA
[Dual CPU] AMD EPYC 7401	23518	76	7.24	\$3,249.80
[Dual CPU] AMD EPYC 7451	28957	43	8.44	\$3,431.56

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD EPYC 7501	29003	42	7.04	\$4,121.72
[Dual CPU] AMD EPYC 7551	31452	30	5.45	\$5,774.00
[Dual CPU] AMD EPYC 7601	33545	22	4.22	\$7,948.16
[Dual CPU] AMD Opteron 246	1130	465	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	466	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	462	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	463	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	471	NA	NA
[Dual CPU] AMD Opteron 256	1853	459	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	457	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	453	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	456	13.00	\$164.10
[Dual CPU] AMD Opteron 280	2452	448	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2769	438	17.32	\$159.90
[Dual CPU] AMD Opteron 290	2716	440	10.06	\$270.00*
[Dual CPU] AMD Opteron 885	2851	434	NA	NA
[Dual CPU] AMD Opteron 2212	2203	454	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	449	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	447	NA	NA
[Dual CPU] AMD Opteron 2216	2485	446	48.16	\$51.60
[Dual CPU] AMD Opteron 2216 HE	2593	442	NA	NA
[Dual CPU] AMD Opteron 2218	2719	439	17.00	\$159.90
[Dual CPU] AMD Opteron 2218 HE	2514	443	NA	NA
[Dual CPU] AMD Opteron 2220	2854	433	17.85	\$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	432	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	429	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	423	45.30	\$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	413	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	420	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	414	25.50	\$159.90
[Dual CPU] AMD Opteron 2354	4554	401	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	404	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	383	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	411	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	397	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	384	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	382	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	368	63.93	\$90.00
[Dual CPU] AMD Opteron 2384	5714	370	3.40	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	356	NA	NA
[Dual CPU] AMD Opteron 2389	5677	371	48.11	\$118.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2419	5191	386	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	357	NA	NA
[Dual CPU] AMD Opteron 2427	5907	366	36.94	\$159.90
[Dual CPU] AMD Opteron 2431	6438	350	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7068	335	18.70	\$378.00*
[Dual CPU] AMD Opteron 2439 SE	8071	305	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	415	16.31	\$249.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 4130	5651	373	24.58	\$229.90*
[Dual CPU] AMD Opteron 4170 HE	6344	353	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	351	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7813	310	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	304	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	307	NA	NA
[Dual CPU] AMD Opteron 4234	9361	271	20.35	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	4214	408	52.69	\$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	263	NA	NA
[Dual CPU] AMD Opteron 4280	4525	402	45.25	\$100.00
[Dual CPU] AMD Opteron 4284	9151	273	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9456	270	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	242	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	252	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	225	40.57	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	342	178.04	\$37.98
[Dual CPU] AMD Opteron 6128 HE	5582	376	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	289	NA	NA
[Dual CPU] AMD Opteron 6134	7586	321	86.22	\$87.98*
[Dual CPU] AMD Opteron 6136	7255	329	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	389	NA	NA
[Dual CPU] AMD Opteron 6168	7741	316	92.15	\$84.00
[Dual CPU] AMD Opteron 6172	7621	320	19.24	\$396.00*
[Dual CPU] AMD Opteron 6174	7783	311	48.67	\$159.90
[Dual CPU] AMD Opteron 6176 SE	8448	294	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	426	16.40	\$189.90
[Dual CPU] AMD Opteron 6204	7134	331	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	283	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	238	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	256	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	245	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	9841	260	70.30	\$139.98
[Dual CPU] AMD Opteron 6274	10536	240	117.09	\$89.98
[Dual CPU] AMD Opteron 6275	10900	236	NA	NA
[Dual CPU] AMD Opteron 6276	10194	255	30.16	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	217	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	296	13.47	\$619.96*
[Dual CPU] AMD Opteron 6320	10716	239	20.88	\$513.18
[Dual CPU] AMD Opteron 6328	12013	216	10.09	\$1,190.00
[Dual CPU] AMD Opteron 6344	11203	230	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	224	18.64	\$612.20
[Dual CPU] AMD Opteron 6376	10405	244	80.04	\$130.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6378	9145	274	24.07	\$380.00
[Dual CPU] AMD Opteron 6380	14200	178	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	210	42.05	\$289.98
[Dual CPU] AMD Opteron 8218	2831	435	61.54	\$46.00
[Dual CPU] AMD Opteron 8220	2510	444	15.70	\$159.90
[Dual CPU] AMD Opteron 8222 SE	2793	437	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	424	67.15	\$48.00
[Dual CPU] AMD Opteron 8380	5643	374	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	385	NA	NA
[Dual CPU] AMD Opteron 8389	6517	347	41.25	\$158.00*
[Dual CPU] AMD Opteron 8431	5813	367	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	343	46.80	\$144.00*
[Dual CPU] AMD Opteron 8439 SE	7691	318	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	464	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	451	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	419	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	308	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	485	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	483	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	480	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	541	479	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	486	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	487	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	484	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	482	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	477	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	473	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	472	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	475	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	470	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	469	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	468	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	458	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	467	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	455	30.53	\$70.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2315	450	0.71	\$3,239.98*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	441	41.62	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	427	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2978	430	59.58	\$49.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	428	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3409	421	12.18	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3826	417	51.03	\$74.98*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8929	282	18.61	\$479.74
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11012	233	12.13	\$908.00*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	358	100.10	\$61.98*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	355	87.58	\$71.98*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	327	200.30	\$36.46*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	276	39.02	\$231.12*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11299	227	14.49	\$780.04*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	218	54.29	\$219.38*
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	299	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13220	198	173.95	\$76.00*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	182	22.20	\$620.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	10818	237	167.57	\$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	207	NA	NA
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	12436	205	155.49	\$79.98
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	199	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	11334	226	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15680	162	120.63	\$129.98
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	15106	169	48.73	\$310.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11655	220	44.83	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	13442	192	52.51	\$256.00
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	133	45.74	\$406.06
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	354	127.11	\$49.88*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	346	54.34	\$119.98*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	295	60.64	\$138.00
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8932	281	17.18	\$520.00*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8162	302	67.82	\$120.34
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9001	278	30.84	\$291.86
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	258	26.53	\$378.00
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	234	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12250	209	290.97	\$42.10
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13233	197	46.43	\$285.00
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15262	167	90.85	\$168.00
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16453	151	21.42	\$767.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14339	177	11.05	\$1,298.00
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	202	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	175	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13502	191	79.66	\$169.50*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15942	157	181.41	\$87.88
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18464	137	71.02	\$260.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18729	132	14.19	\$1,319.98*
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11506	222	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	184	175.27	\$78.20
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	168	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7706	317	4.35	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15888	159	93.47	\$169.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16391	152	26.44	\$619.98
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16703	149	7.81	\$2,139.90*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14674	173	75.94	\$193.24
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14505	176	38.76	\$374.22*
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19894	119	56.84	\$349.98
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20530	113	11.15	\$1,840.66
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13700	185	37.94	\$361.14
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20773	109	94.42	\$220.00
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21023	104	42.05	\$500.00
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	98	7.17	\$3,005.18
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12399	206	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 E5-2648L v2 @ 1.90GHz	13801	181	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	139	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15049	170	109.05	\$138.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18943	130	131.46	\$144.10
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20346	115	56.84	\$357.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20740	110	8.09	\$2,562.24*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	13621	188	86.21	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14152	179	52.09	\$271.68*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	105	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13855	180	4.74	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	131	52.29	\$359.98*
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	124	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	141	4.85	\$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16371	153	117.79	\$138.98*
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17795	140	47.08	\$378.00
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22577	90	22.40	\$1,007.96
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23225	81	7.74	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	82	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17036	146	75.80	\$224.74*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	68	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16358	154	154.35	\$105.98*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22613	87	56.83	\$397.90*
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22589	88	13.21	\$1,710.60
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22916	84	5.88	\$3,898.06*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18171	138	129.79	\$140.00
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20611	112	64.81	\$318.00
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22298	93	37.16	\$600.00
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	78	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21751	96	15.54	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	59	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19762	120	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21063	103	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	36	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18566	134	136.37	\$136.14
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21537	97	45.82	\$470.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24516	72	24.08	\$1,018.00
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22584	89	7.48	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	147	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21121	102	20.71	\$1,019.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	67	5.66	\$4,417.86*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	94	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26907	56	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	45	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20803	108	22.19	\$937.48*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23294	80	32.53	\$716.00
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24320	73	20.61	\$1,179.98
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	57	6.13	\$4,349.98*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19387	125	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	25703	64	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 E5-2690 @ 2.90GHz	19647	121	73.76	\$266.38
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23666	75	25.72	\$920.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25757	63	49.53	\$520.00
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27411	53	6.32	\$4,339.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20872	106	40.29	\$517.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	69	12.30	\$2,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	71	6.81	\$3,618.00
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23501	77	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	34	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31774	28	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23340	79	30.74	\$759.24
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27393	54	29.40	\$931.80
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30440	33	4.98	\$6,109.98*
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	29185	40	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	28325	49	4.14	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	32	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	25	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	74	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26341	60	5.25	\$5,018.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	20	2.86	\$11,909.58*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	111	NA	NA
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz	15383	164	85.56	\$179.80*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	123	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	158	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	127	35.31	\$544.08*
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	122	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18565	135	132.63	\$139.98
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	172	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	13742	183	57.26	\$239.98*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	91	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	52	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	211	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	161	NA	NA
[Dual CPU] Intel Xeon E7-4830 @ 2.13GHz	9539	269	147.66	\$64.60*
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	92	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	215	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15263	166	40.38	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10965	235	27.41	\$399.98*
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10207	253	1.02	\$10,017.02*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	452	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	416	22.74	\$177.56*
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3554	418	36.27	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4166	410	53.75	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	392	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	400	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5120	388	64.02	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5138	387	64.31	\$79.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6010	363	14.38	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6348	352	50.42	\$125.90
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6832	341	30.78	\$221.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7127	332	35.99	\$198.00
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7501	324	69.45	\$108.00*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7093	334	129.91	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7769	313	129.31	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2492	445	13.12	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	436	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4878	396	34.87	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4990	391	39.60	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	379	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7300	328	255.78	\$28.54*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7576	322	15.40	\$492.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7752	314	65.69	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	412	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	377	12.57	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5947	365	42.96	\$138.42*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	7996	306	27.80	\$287.62*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8329	297	118.99	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8662	288	154.73	\$55.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10245	251	48.75	\$210.16*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10265	249	44.63	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	378	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	381	29.87	\$179.98*
[Dual CPU] Intel Xeon E7540 @ 2.00GHz	6738	344	210.96	\$31.94*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	95	8.41	\$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21437	99	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	101	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22722	86	9.46	\$2,401.80
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	66	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	143	6.73	\$2,595.00*
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	55	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	22983	83	7.04	\$3,265.92
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	129	7.83	\$2,442.00*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28610	47	7.12	\$4,017.90*
[Dual CPU] Intel Xeon Gold 6126T @ 2.60GHz	20420	114	5.47	\$3,730.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22875	85	6.50	\$3,519.50*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26585	58	6.33	\$4,199.90
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	51	6.24	\$4,410.00*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25157	65	5.30	\$4,745.98*
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29961	35	5.73	\$5,227.18*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	50	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34466	19	6.56	\$5,257.90
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	24	6.68	\$4,879.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	44	4.72	\$6,116.66*
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	29907	37	NA	NA
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28723	46	4.91	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29655	38	3.22	\$9,217.90*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36731	13	6.28	\$5,850.00
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32006	26	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)
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33142	23	4.48	\$7,404.24
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	11	4.75	\$7,818.00*
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	29161	41	6.57	\$4,440.00*
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31524	29	4.68	\$6,737.66*
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33741	21	5.13	\$6,572.00*
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	7	6.16	\$6,291.90
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	37405	9	4.85	\$7,704.98
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41159	3	5.70	\$7,218.00
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	403	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	407	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	394	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	375	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	360	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	349	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	362	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	393	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	339	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6961	338	271.49	\$25.64
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7553	323	196.08	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6973	337	227.88	\$30.60*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8693	286	62.18	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9607	266	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9654	264	161.06	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	478	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	481	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	474	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	460	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	15	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	37838	8	2.46	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	39	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	6	3.33	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	14	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	16	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	10	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	4	3.26	\$12,604.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	156	15.66	\$1,019.90*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16665	150	20.57	\$810.00
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	189	13.24	\$1,027.98*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19206	128	14.44	\$1,329.74*
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	100	11.45	\$1,871.88
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	118	19.96	\$1,002.00*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10075	257	47.07	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10249	250	2.04	\$5,017.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	248	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	398	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	399	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	395	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5744	369	9.27	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6203	359	31.17	\$199.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7437	325	62.02	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7825	309	85.07	\$91.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	303	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	312	17.28	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8175	301	40.88	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8682	287	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8758	284	14.36	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9002	277	132.42	\$67.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9278	272	262.54	\$35.34*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9642	265	241.90	\$39.86*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11256	228	79.41	\$141.74
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11642	221	69.20	\$168.24*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10288	247	220.49	\$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12082	212	201.37	\$60.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10330	246	114.80	\$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12447	203	113.18	\$109.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11160	231	146.53	\$76.16*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13428	193	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13351	194	96.75	\$138.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11785	219	104.63	\$112.64
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13673	186	55.59	\$245.98
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	293	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	345	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	285	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7542 @ 2.67GHz	8972	279	13.22	\$678.48*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	259	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11230	229	255.23	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	409	46.34	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	390	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	406	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	405	27.37	\$159.90
[Dual CPU] Quad-Core AMD Opteron 8378	5382	380	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	340	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	372	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	364	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	298	NA	NA
[Quad CPU] AMD Opteron 6136	9767	261	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	291	26.87	\$319.80
[Quad CPU] AMD Opteron 6272	12292	208	43.91	\$279.96
[Quad CPU] AMD Opteron 6274	10488	241	58.28	\$179.96
[Quad CPU] AMD Opteron 6276	15342	165	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	213	24.31	\$495.80

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 6282 SE	11044	232	4.31	\$2,560.00
[Quad CPU] AMD Opteron 6376	13257	196	50.99	\$260.00
[Quad CPU] AMD Opteron 6378	20859	107	27.45	\$760.00
[Quad CPU] AMD Opteron 6380	12442	204	52.72	\$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	348	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	361	NA	NA
[Quad CPU] AMD Opteron 8382	8553	292	10.74	\$796.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 8425 HE	7359	326	NA	NA
[Quad CPU] AMD Opteron 8431	8252	300	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	333	24.65	\$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	280	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	461	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	422	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	148	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	14669	174	27.32	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	187	42.59	\$319.96*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	70	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	20036	117	18.41	\$1,088.16*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	17127	145	61.18	\$279.96
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	61	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	18557	136	38.66	\$479.96*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	31	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	116	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	13606	190	105.31	\$129.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	155	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	18	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	48	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	27	NA	NA
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	12	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	15433	163	96.48	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17398	144	131.84	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15016	171	19.86	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	201	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	160	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	336	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	315	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	254	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	267	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	275	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	62	5.04	\$5,190.00*
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	17	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	5	2.75	\$14,808.48
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	262	NA	NA
[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10406	243	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	2	1.10	\$40,060.00*
[Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz	48904	1	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 X7350 @ 2.93GHz	9542	268	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	214	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	290	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	223	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	12824	200	145.73	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	330	22.42	\$319.80

* - Last price seen from our affiliates.

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