



[Home](#)
[Software](#)
[Hardware](#)
[Benchmarks](#)
[Services](#)
[Store](#)
[Support](#)
[Forums](#)
[About Us](#)

[Home](#) » [CPU Benchmarks](#) » CPU List

[CPU Benchmarks](#)
[Video Card Benchmarks](#)
[Hard Drive Benchmarks](#)
[RAM](#)
[PC Systems](#)
[Android](#)
[iOS / iPhone](#)

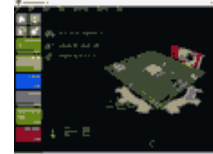
CPU Benchmarks

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----Select A Page ----



CPU List

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

How does your CPU compare?

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Single CPU Systems

Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2597	NA	NA
AMD A4 Micro-6400T APU	1544	1788	NA	NA
AMD A4 PRO-3340B	2402	1399	NA	NA
AMD A4 PRO-7300B APU	2338	1420	NA	NA
AMD A4 PRO-7350B	2794	1267	NA	NA
AMD A4-1200 APU	639	2275	NA	NA
AMD A4-1250 APU	614	2285	NA	NA
AMD A4-3300 APU	1504	1811	115.80	\$12.99
AMD A4-3300M APU	1184	1974	39.50	\$29.99*
AMD A4-3305M APU	1221	1956	40.71	\$30.00*
AMD A4-3310MX APU	1292	1910	NA	NA
AMD A4-3320M APU	1253	1938	36.88	\$34.00
AMD A4-3330MX APU	1218	1957	NA	NA
AMD A4-3400 APU	1595	1770	18.14	\$87.95
AMD A4-3420 APU	1676	1722	NA	NA
AMD A4-4000 APU	1820	1652	60.69	\$29.99
AMD A4-4020 APU	1918	1596	19.19	\$100.00
AMD A4-4300M APU	1611	1760	40.42	\$39.86
AMD A4-4355M APU	1175	1976	NA	NA
AMD A4-5000 APU	1908	1600	NA	NA
AMD A4-5050 APU	2113	1517	NA	NA
AMD A4-5100 APU	2037	1546	NA	NA
AMD A4-5150M APU	1844	1638	NA	NA
AMD A4-5300 APU	2010	1558	34.48	\$58.32
AMD A4-5300B APU	2115	1513	55.68	\$38.00*
AMD A4-6210 APU	2154	1495	NA	NA
AMD A4-6250J APU	2556	1344	NA	NA
AMD A4-6300 APU	2222	1474	39.95	\$55.64*
AMD A4-6300B APU	2129	1507	21.30	\$100.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-6320 APU	2331	1424	33.32	\$69.99
AMD A4-7210 APU	2503	1365	NA	NA
AMD A4-7300 APU	2294	1441	36.48	\$62.88
AMD A4-9120	1893	1613	NA	NA
AMD A6 Micro-6500T APU	1834	1647	NA	NA
AMD A6 PRO-7050B APU	1610	1761	NA	NA
AMD A6 PRO-7400B	2749	1285	NA	NA
AMD A6-1450 APU	1518	1802	NA	NA
AMD A6-3400M APU	1886	1619	62.94	\$29.97
AMD A6-3410MX APU	2054	1541	68.49	\$29.99*
AMD A6-3420M APU	2002	1561	NA	NA
AMD A6-3430MX APU	2225	1473	NA	NA
AMD A6-3500 APU	2011	1557	50.31	\$39.99
AMD A6-3600 APU	2703	1297	117.61	\$22.99*
AMD A6-3620 APU	2799	1266	46.66	\$59.99*
AMD A6-3650 APU	3157	1148	21.05	\$149.99*
AMD A6-3670 APU	3193	1133	63.88	\$49.99
AMD A6-4400M APU	1634	1747	40.99	\$39.86*
AMD A6-4455M APU	1282	1919	NA	NA
AMD A6-5200 APU	2425	1390	NA	NA
AMD A6-5345M APU	1476	1820	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5350M APU	1901	1605	44.09	\$43.12
AMD A6-5357M APU	1938	1586	NA	NA
AMD A6-5400B APU	2194	1485	20.89	\$105.04*
AMD A6-5400K APU	2149	1499	17.48	\$123.00
AMD A6-6310 APU	2442	1385	NA	NA
AMD A6-6400B APU	2281	1452	NA	NA
AMD A6-6400K APU	2302	1439	32.90	\$69.99
AMD A6-6420B APU	2612	1323	NA	NA
AMD A6-6420K APU	2361	1417	15.75	\$149.99*
AMD A6-7000	1671	1724	NA	NA
AMD A6-7310 APU	2668	1306	NA	NA
AMD A6-7400K APU	2785	1269	56.84	\$49.00
AMD A6-7470K	2777	1271	39.69	\$69.99
AMD A6-8500P	2202	1482	NA	NA
AMD A6-8550	3104	1161	NA	NA
AMD A6-9200	1669	1728	NA	NA
AMD A6-9210	1878	1622	NA	NA
AMD A6-9220	2196	1484	NA	NA
AMD A6-9220e	1582	1774	NA	NA
AMD A6-9225	2205	1480	NA	NA
AMD A6-9230	2102	1521	NA	NA
AMD A6-9500	2996	1198	53.50	\$56.00
AMD A6-9500E	2918	1226	48.65	\$59.99
AMD A8 PRO-7150B APU	2670	1305	NA	NA
AMD A8 PRO-7600B APU	4811	780	NA	NA
AMD A8-3500M APU	1972	1571	28.19	\$69.95
AMD A8-3510MX APU	2369	1413	NA	NA
AMD A8-3520M APU	2178	1491	NA	NA
AMD A8-3530MX APU	2378	1409	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-3550MX APU	2610	1324	NA	NA
AMD A8-3800 APU	3040	1183	17.89	\$169.99*
AMD A8-3820 APU	3135	1153	25.09	\$124.99*
AMD A8-3850 APU	3469	1060	26.32	\$131.79*
AMD A8-3870K APU	3558	1035	17.65	\$201.54*
AMD A8-4500M APU	2665	1308	NA	NA
AMD A8-4555M APU	2127	1511	NA	NA
AMD A8-5500 APU	3992	934	30.95	\$129.00*
AMD A8-5500B APU	3951	941	NA	NA
AMD A8-5545M APU	2581	1336	NA	NA
AMD A8-5550M APU	3007	1193	NA	NA
AMD A8-5557M APU	2963	1209	NA	NA
AMD A8-5600K APU	4340	869	24.12	\$179.95
AMD A8-6410 APU	2569	1341	NA	NA
AMD A8-6500 APU	4386	859	27.25	\$160.99*
AMD A8-6500B APU	4603	819	NA	NA
AMD A8-6500T APU	3221	1120	NA	NA
AMD A8-6600K APU	4582	824	24.24	\$189.04*
AMD A8-7050	1986	1567	NA	NA
AMD A8-7100 APU	2810	1262	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7200P	3300	1101	NA	NA
AMD A8-7410 APU	2742	1288	NA	NA
AMD A8-7600 APU	5095	724	78.40	\$64.99*
AMD A8-7650K	4930	759	66.64	\$73.99
AMD A8-7670K	5105	721	25.53	\$199.99
AMD A8-8600P	3248	1112	NA	NA
AMD A8-8650	5470	666	NA	NA
AMD A8-9600	5008	746	83.48	\$59.99
AMD A9-9400	2312	1431	NA	NA
AMD A9-9410	2552	1345	NA	NA
AMD A9-9420	2306	1433	NA	NA
AMD A9-9420e	1846	1636	NA	NA
AMD A9-9425	2762	1278	NA	NA
AMD A9-9430	2513	1360	NA	NA
AMD A10 Micro-6700T APU	1890	1614	NA	NA
AMD A10 PRO-7350B APU	3212	1128	NA	NA
AMD A10 PRO-7800B APU	5352	688	NA	NA
AMD A10 PRO-7850B APU	5467	667	NA	NA
AMD A10-4600M APU	3111	1160	NA	NA
AMD A10-4655M APU	2596	1329	NA	NA
AMD A10-4657M APU	2906	1231	NA	NA
AMD A10-5700 APU	4209	893	2.83	\$1,489.78
AMD A10-5745M APU	2759	1281	NA	NA
AMD A10-5750M APU	3341	1093	NA	NA
AMD A10-5757M APU	3082	1168	NA	NA
AMD A10-5800B APU	4651	804	NA	NA
AMD A10-5800K APU	4637	806	14.42	\$321.60
AMD A10-6700 APU	4597	821	9.05	\$508.16*
AMD A10-6700T APU	3691	1008	25.01	\$147.61*
AMD A10-6790K APU	4704	794	22.75	\$206.82*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-6800B APU	4991	748	NA	NA
AMD A10-6800K APU	4858	769	16.94	\$286.85*
AMD A10-7300 APU	2905	1233	NA	NA
AMD A10-7400P	3636	1015	NA	NA
AMD A10-7700K APU	5129	715	49.62	\$103.39
AMD A10-7800 APU	4998	747	48.35	\$103.39
AMD A10-7850K APU	5475	663	42.12	\$129.99
AMD A10-7860K	5092	725	12.80	\$398.00
AMD A10-7870K	5471	665	21.89	\$249.99
AMD A10-7890K	5745	634	28.73	\$199.99
AMD A10-8700P	3449	1063	NA	NA
AMD A10-8750	5082	727	NA	NA
AMD A10-8850	5616	647	NA	NA
AMD A10-9600P	3799	974	NA	NA
AMD A10-9620P	3703	1006	NA	NA
AMD A10-9630P	4497	839	NA	NA
AMD A10-9700	5444	674	77.79	\$69.99
AMD A10-9700E	4687	797	66.98	\$69.99
AMD A12-9700P	3730	995	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A12-9720P	4007	931	NA	NA
AMD A12-9730P	4381	860	NA	NA
AMD A12-9800	5516	661	42.44	\$129.99
AMD A12-9800E	5060	732	44.20	\$114.49
AMD Athlon64 X2 Dual Core 3800+	970	2104	NA	NA
AMD Athlon64 X2 Dual Core 4200+	1006	2078	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	2016	NA	NA
AMD Athlon 4	279	2617	7.00	\$39.99
AMD Athlon 64 2000+	116	2752	NA	NA
AMD Athlon 64 2200+	575	2308	NA	NA
AMD Athlon 64 2600+	374	2490	NA	NA
AMD Athlon 64 2800+	438	2420	4.38	\$99.99*
AMD Athlon 64 3000+	463	2390	6.18	\$74.95
AMD Athlon 64 3200+	491	2357	3.28	\$149.95*
AMD Athlon 64 3300+	576	2307	NA	NA
AMD Athlon 64 3400+	546	2320	NA	NA
AMD Athlon 64 3500+	539	2326	4.96	\$108.95
AMD Athlon 64 3600+	601	2294	NA	NA
AMD Athlon 64 3700+	599	2295	8.69	\$69.00*
AMD Athlon 64 3800+	589	2297	3.28	\$179.95
AMD Athlon 64 4000+	605	2288	20.19	\$30.00
AMD Athlon 64 FX-25	794	2201	NA	NA
AMD Athlon 64 FX-34	380	2481	NA	NA
AMD Athlon 64 FX-51	437	2421	NA	NA
AMD Athlon 64 FX-53	646	2269	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2233	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2229	NA	NA
AMD Athlon 64 FX-59	715	2237	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1920	NA	NA
AMD Athlon 64 FX-62 Dual Core	1579	1775	NA	NA
AMD Athlon 64 FX-72	1794	1660	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-74	1495	1815	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2116	NA	NA
AMD Athlon 64 X2 4200+	1285	1916	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1869	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2089	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	969	2105	16.15	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1001	2081	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1040	2056	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	2020	8.46	\$129.95
AMD Athlon 64 X2 Dual Core 4400+	1146	2000	19.10	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1222	1954	3.40	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1254	1937	2.73	\$459.95*
AMD Athlon 64 X2 Dual Core 5000+	1312	1896	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1384	1859	26.07	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1444	1832	27.27	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1483	1819	9.90	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1793	38.26	\$39.95*
AMD Athlon 64 X2 Dual Core 6000+	1604	1763	34.93	\$45.95
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 6400+	1790	1662	6.89	\$259.95
AMD Athlon 64 X2 Dual Core BE-230	1095	2024	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2035	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2054	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2182	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2183	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2103	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2161	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2193	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	872	2162	11.99	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	927	2135	NA	NA
AMD Athlon 64 X2 QL-60	918	2145	NA	NA
AMD Athlon 64 X2 QL-62	1014	2072	NA	NA
AMD Athlon 64 X2 QL-64	989	2093	NA	NA
AMD Athlon 64 X2 QL-65	1047	2052	NA	NA
AMD Athlon 64 X2 QL-66	947	2121	NA	NA
AMD Athlon 64 X2 QL-67	1006	2077	NA	NA
AMD Athlon 64 X2 TK-55	955	2117	NA	NA
AMD Athlon 64 X2 TK-57	988	2094	NA	NA
AMD Athlon 200GE	5051	735	NA	NA
AMD Athlon 1500+	294	2590	NA	NA
AMD Athlon 1640B	678	2259	13.57	\$50.00*
AMD Athlon 1700+	349	2520	NA	NA
AMD Athlon 2000+	390	2476	NA	NA
AMD Athlon 2100+	412	2441	NA	NA
AMD Athlon 2200+	363	2507	4.55	\$79.99*
AMD Athlon 2400+	462	2392	NA	NA
AMD Athlon 2500+	374	2488	2.04	\$183.99*
AMD Athlon 2600+	444	2410	4.23	\$104.95*
AMD Athlon 2650e	409	2446	21.56	\$19.00*
AMD Athlon 2800+	447	2407	3.20	\$139.95*
AMD Athlon 2850e	504	2352	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 3100+	485	2371	NA	NA
AMD Athlon 3200+	458	2395	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	1909	12.93	\$99.95*
AMD Athlon 5150 APU	2095	1525	13.10	\$159.95
AMD Athlon 5200 Dual-Core	1248	1942	41.64	\$29.99
AMD Athlon 5350 APU	2603	1327	7.85	\$331.40*
AMD Athlon 5370 APU	2898	1237	45.51	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1831	NA	NA
AMD Athlon 7550 Dual-Core	1458	1826	24.30	\$60.00*
AMD Athlon 7750 Dual-Core	1578	1776	10.61	\$148.71*
AMD Athlon 7850 Dual-Core	1715	1695	8.18	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2600	NA	NA
AMD Athlon Dual Core 4050e	1086	2031	NA	NA
AMD Athlon Dual Core 4450B	1162	1989	37.49	\$31.00*
AMD Athlon Dual Core 4450e	1099	2019	NA	NA
AMD Athlon Dual Core 4850B	1391	1856	NA	NA
AMD Athlon Dual Core 4850e	1312	1897	33.65	\$39.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 5000B	1300	1902	13.69	\$95.00*
AMD Athlon Dual Core 5050e	1347	1880	22.45	\$60.00*
AMD Athlon Dual Core 5200B	1319	1893	NA	NA
AMD Athlon Dual Core 5400B	1399	1850	NA	NA
AMD Athlon Dual Core 5600B	1304	1901	NA	NA
AMD Athlon II 160u	560	2316	18.68	\$29.99*
AMD Athlon II 170u	622	2282	20.80	\$29.95*
AMD Athlon II Dual-Core M300	1115	2008	NA	NA
AMD Athlon II Dual-Core M320	1140	2003	38.01	\$30.00*
AMD Athlon II Dual-Core M340	1056	2049	NA	NA
AMD Athlon II N330 Dual-Core	1154	1993	NA	NA
AMD Athlon II N350 Dual-Core	1247	1944	NA	NA
AMD Athlon II N370 Dual-Core	1559	1784	NA	NA
AMD Athlon II Neo K125	472	2382	NA	NA
AMD Athlon II Neo K145	525	2334	NA	NA
AMD Athlon II Neo K325 Dual-Core	774	2209	29.81	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2174	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2203	NA	NA
AMD Athlon II P320 Dual-Core	1216	1958	40.62	\$29.95*
AMD Athlon II P340 Dual-Core	1248	1941	27.78	\$44.95*
AMD Athlon II P360 Dual-Core	1324	1891	45.44	\$29.15
AMD Athlon II X2 210e	1486	1817	NA	NA
AMD Athlon II X2 215	1577	1777	131.59	\$11.99*
AMD Athlon II X2 220	1634	1748	50.76	\$32.19
AMD Athlon II X2 225	1526	1794	NA	NA
AMD Athlon II X2 235e	1660	1734	9.13	\$181.88*
AMD Athlon II X2 240	1642	1741	47.00	\$34.95
AMD Athlon II X2 240e	1696	1711	48.55	\$34.95*
AMD Athlon II X2 245	1662	1732	47.56	\$34.95
AMD Athlon II X2 245e	1706	1701	21.33	\$80.00*
AMD Athlon II X2 250	1743	1681	44.75	\$38.95
AMD Athlon II X2 250e	1949	1584	25.41	\$76.73*
AMD Athlon II X2 250u	1000	2082	28.62	\$34.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 255	1848	1635	28.34	\$65.22*
AMD Athlon II X2 260	1872	1625	39.02	\$48.00*
AMD Athlon II X2 260u	1106	2017	13.26	\$83.44*
AMD Athlon II X2 265	1890	1615	22.81	\$82.88*
AMD Athlon II X2 270	1984	1568	42.67	\$46.50*
AMD Athlon II X2 270u	1350	1878	19.96	\$67.67*
AMD Athlon II X2 280	2131	1506	21.32	\$99.99*
AMD Athlon II X2 4300e	1350	1877	NA	NA
AMD Athlon II X2 4400e	1618	1756	NA	NA
AMD Athlon II X2 4450e	1504	1809	NA	NA
AMD Athlon II X2 B22	1711	1697	47.62	\$35.95*
AMD Athlon II X2 B24	1770	1669	44.33	\$39.95*
AMD Athlon II X2 B26	1880	1620	41.82	\$44.95*
AMD Athlon II X2 B28	2089	1527	42.60	\$49.05*
AMD Athlon II X3 400e	2009	1560	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1550	25.32	\$79.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 415e	2247	1463	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1446	19.68	\$116.15*
AMD Athlon II X3 425	2311	1432	22.18	\$104.21
AMD Athlon II X3 425e	2239	1468	NA	NA
AMD Athlon II X3 435	2472	1375	49.46	\$49.99
AMD Athlon II X3 440	2571	1340	54.78	\$46.95*
AMD Athlon II X3 445	2573	1339	28.28	\$91.00*
AMD Athlon II X3 450	2622	1319	65.57	\$39.99
AMD Athlon II X3 455	2768	1274	23.70	\$116.85
AMD Athlon II X3 460	2857	1246	57.17	\$49.99*
AMD Athlon II X4 553	3814	970	NA	NA
AMD Athlon II X4 555	3830	966	NA	NA
AMD Athlon II X4 559	4142	907	NA	NA
AMD Athlon II X4 600e	2453	1382	18.84	\$130.23*
AMD Athlon II X4 605e	2750	1284	27.01	\$101.80*
AMD Athlon II X4 610e	2800	1265	40.01	\$69.99*
AMD Athlon II X4 615e	2901	1236	49.17	\$59.00*
AMD Athlon II X4 620	2938	1218	49.01	\$59.95*
AMD Athlon II X4 620e	2906	1232	NA	NA
AMD Athlon II X4 630	3134	1155	49.79	\$62.95
AMD Athlon II X4 631 Quad-Core	3153	1151	39.42	\$80.00*
AMD Athlon II X4 635	3244	1113	46.39	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1131	NA	NA
AMD Athlon II X4 640	3315	1096	41.47	\$79.95
AMD Athlon II X4 641 Quad-Core	3346	1090	36.57	\$91.50*
AMD Athlon II X4 645	3474	1057	43.46	\$79.95
AMD Athlon II X4 650	3479	1056	20.89	\$166.60*
AMD Athlon II X4 651 Quad-Core	3565	1032	20.03	\$178.04*
AMD Athlon II X4 655	2998	1197	NA	NA
AMD Athlon II X4 6400e	2594	1330	NA	NA
AMD Athlon L110	306	2567	NA	NA
AMD Athlon LE-1600	567	2313	27.04	\$21.00*
AMD Athlon LE-1620	572	2310	31.80	\$18.00*
AMD Athlon LE-1640	627	2280	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon LE-1660	688	2252	NA	NA
AMD Athlon MP	230	2672	4.20	\$54.95*
AMD Athlon MP 1700+	339	2532	NA	NA
AMD Athlon MP 2400+	436	2422	NA	NA
AMD Athlon MP 2800+	497	2355	NA	NA
AMD Athlon Neo MV-40	409	2447	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2080	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2208	NA	NA
AMD Athlon Neo X2 Dual Core L335	824	2188	NA	NA
AMD Athlon PRO 200GE	5287	700	NA	NA
AMD Athlon QI-46	473	2381	NA	NA
AMD Athlon TF-20	414	2439	NA	NA
AMD Athlon TF-36	358	2510	NA	NA
AMD Athlon X2 215	1543	1789	NA	NA
AMD Athlon X2 235e	1806	1655	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 240	1575	1781	NA	NA
AMD Athlon X2 240e	1670	1725	NA	NA
AMD Athlon X2 250	1696	1712	NA	NA
AMD Athlon X2 255	1627	1751	NA	NA
AMD Athlon X2 280	2303	1437	13.17	\$174.81*
AMD Athlon X2 340 Dual Core	1901	1606	38.03	\$49.99
AMD Athlon X2 370K Dual Core	2251	1462	NA	NA
AMD Athlon X2 440	1424	1841	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2206	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2083	NA	NA
AMD Athlon X2 Dual Core BE-2300	925	2139	NA	NA
AMD Athlon X2 Dual Core BE-2350	1104	2018	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	1959	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1940	NA	NA
AMD Athlon X2 Dual Core L310	643	2272	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2075	NA	NA
AMD Athlon X3 425	2191	1486	NA	NA
AMD Athlon X3 435	2574	1338	26.96	\$95.49*
AMD Athlon X3 440	2078	1532	23.62	\$87.99*
AMD Athlon X3 445	2314	1429	NA	NA
AMD Athlon X3 450	3064	1175	38.80	\$78.99*
AMD Athlon X3 455	2401	1400	NA	NA
AMD Athlon X4 605e	2505	1364	NA	NA
AMD Athlon X4 620	2861	1244	47.74	\$59.95
AMD Athlon X4 635	2891	1239	23.71	\$121.99*
AMD Athlon X4 640	3172	1137	NA	NA
AMD Athlon X4 740 Quad Core	4007	930	14.47	\$277.00*
AMD Athlon X4 750 Quad Core	4551	831	NA	NA
AMD Athlon X4 750K Quad Core	4250	888	55.21	\$76.99*
AMD Athlon X4 760K Quad Core	4594	822	99.88	\$46.00
AMD Athlon X4 830	4701	795	NA	NA
AMD Athlon X4 840	5035	740	63.95	\$78.74*
AMD Athlon X4 845	5423	678	108.49	\$49.99
AMD Athlon X4 860K	5437	675	84.99	\$63.98
AMD Athlon X4 870K	5301	698	66.28	\$79.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X4 880K	5567	654	61.87	\$89.99
AMD Athlon X4 950	5298	699	88.33	\$59.99
AMD Athlon XP1600+	281	2612	NA	NA
AMD Athlon XP1700+	234	2668	NA	NA
AMD Athlon XP1900+	353	2516	NA	NA
AMD Athlon XP2100+	287	2602	NA	NA
AMD Athlon XP2200+	401	2459	NA	NA
AMD Athlon XP2400+	374	2489	NA	NA
AMD Athlon XP 1500	282	2611	NA	NA
AMD Athlon XP 1500+	257	2643	NA	NA
AMD Athlon XP 1600+	267	2632	NA	NA
AMD Athlon XP 1700	344	2528	NA	NA
AMD Athlon XP 1700+	271	2626	NA	NA
AMD Athlon XP 1800+	300	2578	5.10	\$58.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 1900+	312	2560	NA	NA
AMD Athlon XP 2000+	299	2579	12.00	\$24.99*
AMD Athlon XP 2100+	323	2544	NA	NA
AMD Athlon XP 2200+	328	2542	3.87	\$84.95*
AMD Athlon XP 2300+	464	2389	NA	NA
AMD Athlon XP 2400+	360	2509	4.01	\$89.99*
AMD Athlon XP 2500+	355	2513	NA	NA
AMD Athlon XP 2600+	372	2493	16.18	\$23.03*
AMD Athlon XP 2700+	393	2470	4.64	\$84.79*
AMD Athlon XP 2800+	399	2463	NA	NA
AMD Athlon XP 2900+	440	2415	NA	NA
AMD Athlon XP 3000+	402	2458	5.05	\$79.70*
AMD Athlon XP 3100+	433	2428	NA	NA
AMD Athlon XP 3200+	433	2427	NA	NA
AMD Athlon XP 3400+	570	2312	NA	NA
AMD Athlon XP Pro3+	367	2499	NA	NA
AMD Athlon XP-M	541	2325	15.48	\$34.95*
AMD C-30	310	2563	NA	NA
AMD C-50	463	2391	NA	NA
AMD C-60	466	2386	NA	NA
AMD C-60 APU	544	2321	NA	NA
AMD C-70 APU	563	2314	NA	NA
AMD E1 Micro-6200T APU	960	2114	NA	NA
AMD E1-1200 APU	657	2265	NA	NA
AMD E1-1500 APU	686	2253	NA	NA
AMD E1-2100 APU	634	2277	NA	NA
AMD E1-2200 APU	767	2211	NA	NA
AMD E1-2500 APU	891	2158	NA	NA
AMD E1-6010 APU	857	2173	NA	NA
AMD E1-6015 APU	895	2157	NA	NA
AMD E1-7010 APU	1011	2074	NA	NA
AMD E2-1800 APU	818	2191	NA	NA
AMD E2-2000 APU	830	2187	NA	NA
AMD E2-3000 APU	1088	2029	NA	NA
AMD E2-3000M APU	1094	2025	54.72	\$20.00*
AMD E2-3200 APU	1428	1838	178.82	\$7.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E2-3800 APU	1644	1739	NA	NA
AMD E2-6110 APU	1900	1607	NA	NA
AMD E2-7110 APU	2282	1451	NA	NA
AMD E2-9000	1634	1746	NA	NA
AMD E2-9000e	1331	1887	NA	NA
AMD E2-9010	1774	1667	NA	NA
AMD E-240	318	2550	NA	NA
AMD E-300 APU	611	2287	NA	NA
AMD E-350	747	2223	NA	NA
AMD E-350 APU	757	2219	NA	NA
AMD E-350D APU	723	2232	NA	NA
AMD E-450 APU	767	2212	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1678	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1528	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2509	1361	NA	NA
AMD Embedded R-Series RX-216GD	2409	1396	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	729	NA	NA
AMD Embedded R-Series RX-421BD	4635	808	NA	NA
AMD EPYC 7251 8-Core	10679	216	20.82	\$512.99
AMD EPYC 7351P	15820	93	19.93	\$793.63
AMD EPYC 7401P	18546	49	15.19	\$1,221.00
AMD EPYC 7501	18942	46	4.32	\$4,383.03
AMD EPYC 7551	18483	51	4.85	\$3,813.29
AMD FirePro A320 APU	4540	832	NA	NA
AMD FX-670K Quad-Core	4532	836	NA	NA
AMD FX-770K Quad-Core	4799	783	NA	NA
AMD FX-870K Quad Core	5126	716	NA	NA
AMD FX-4100 Quad-Core	4067	917	31.29	\$129.99*
AMD FX-4130 Quad-Core	4169	902	54.87	\$75.99*
AMD FX-4150 Quad-Core	4594	823	NA	NA
AMD FX-4170 Quad-Core	4856	770	48.57	\$99.99
AMD FX-4200 Quad-Core	4261	883	18.68	\$228.21*
AMD FX-4300 Quad-Core	4683	798	87.72	\$53.39
AMD FX-4320	5015	743	NA	NA
AMD FX-4330	5321	696	NA	NA
AMD FX-4350 Quad-Core	5336	693	41.05	\$129.99
AMD FX-6100 Six-Core	5378	683	17.99	\$299.00
AMD FX-6120 Six-Core	5749	633	NA	NA
AMD FX-6130 Six-Core	6215	581	NA	NA
AMD FX-6200 Six-Core	6125	593	18.02	\$339.95
AMD FX-6300 Six-Core	6385	574	108.24	\$58.99
AMD FX-6330 Six-Core	6916	521	NA	NA
AMD FX-6350 Six-Core	6990	514	53.78	\$129.99
AMD FX-7500 APU	3217	1125	NA	NA
AMD FX-7600P	4053	919	NA	NA
AMD FX-7600P APU	4627	810	NA	NA
AMD FX-8100 Eight-Core	6018	604	42.39	\$142.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8120 Eight-Core	6597	549	65.98	\$99.99
AMD FX-8140 Eight-Core	6033	602	NA	NA
AMD FX-8150 Eight-Core	7626	453	19.89	\$383.50*
AMD FX-8300 Eight-Core	7718	445	85.71	\$90.05
AMD FX-8310 Eight-Core	7756	440	NA	NA
AMD FX-8320 Eight-Core	8017	420	100.85	\$79.50
AMD FX-8320E Eight-Core	7539	457	74.65	\$101.00
AMD FX-8350 Eight-Core	8948	347	111.88	\$79.99
AMD FX-8370 Eight-Core	9025	340	71.68	\$125.91
AMD FX-8370E Eight-Core	7804	434	41.08	\$190.00
AMD FX-8800P	4139	908	NA	NA
AMD FX-9370 Eight-Core	9469	300	52.94	\$178.89
AMD FX-9590 Eight-Core	10191	238	80.91	\$125.95
AMD FX-9800P	4004	933	NA	NA
AMD FX-9830P	4750	790	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-B4150 Quad-Core	4611	814	NA	NA
AMD G-T40E	485	2368	NA	NA
AMD G-T40N	516	2340	NA	NA
AMD G-T40R	203	2698	NA	NA
AMD G-T44R	227	2674	NA	NA
AMD G-T48E	716	2236	NA	NA
AMD G-T52R	303	2572	NA	NA
AMD G-T56E	751	2220	NA	NA
AMD G-T56N	791	2204	NA	NA
AMD Geode NX	264	2635	NA	NA
AMD Geode NX 1750	291	2591	NA	NA
AMD GX-210JA SOC	401	2461	NA	NA
AMD GX-212JC SOC	744	2224	NA	NA
AMD GX-217GA SOC	1097	2021	NA	NA
AMD GX-218GL SOC	1115	2007	NA	NA
AMD GX-222GC SOC	1255	1936	NA	NA
AMD GX-412HC	1497	1813	NA	NA
AMD GX-415GA SOC	1950	1583	NA	NA
AMD GX-420CA SOC	2334	1422	NA	NA
AMD GX-424CC SOC	2488	1370	NA	NA
AMD K7	403	2455	NA	NA
AMD Opteron 140	396	2466	0.56	\$710.00*
AMD Opteron 142	428	2433	NA	NA
AMD Opteron 144	486	2367	7.48	\$65.00*
AMD Opteron 146	532	2331	8.87	\$59.99*
AMD Opteron 148	603	2293	NA	NA
AMD Opteron 150	604	2291	NA	NA
AMD Opteron 152	658	2263	NA	NA
AMD Opteron 154	703	2246	NA	NA
AMD Opteron 165	899	2155	1.47	\$610.00*
AMD Opteron 170	1097	2022	NA	NA
AMD Opteron 175	1167	1984	NA	NA
AMD Opteron 180	1228	1951	9.45	\$129.95*
AMD Opteron 185	1360	1873	NA	NA
AMD Opteron 246	632	2278	31.62	\$19.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 248	476	2379	4.77	\$99.95
AMD Opteron 250	649	2268	59.01	\$11.00*
AMD Opteron 252	760	2216	12.00	\$63.36*
AMD Opteron 254	693	2249	NA	NA
AMD Opteron 256	963	2111	50.72	\$19.00
AMD Opteron 265	963	2112	6.02	\$159.95*
AMD Opteron 270	1083	2034	1.78	\$607.47*
AMD Opteron 275	1291	1911	19.87	\$64.99
AMD Opteron 280	1272	1927	1.60	\$796.67*
AMD Opteron 285	1470	1822	NA	NA
AMD Opteron 290	1464	1824	10.85	\$135.00*
AMD Opteron 1210	923	2141	NA	NA
AMD Opteron 1210 HE	971	2102	NA	NA
AMD Opteron 1212	1009	2076	3.48	\$290.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1212 HE	1308	1899	NA	NA
AMD Opteron 1214	1191	1970	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1903	NA	NA
AMD Opteron 1216	1311	1898	23.91	\$54.85*
AMD Opteron 1216 HE	1172	1980	NA	NA
AMD Opteron 1218	1468	1823	NA	NA
AMD Opteron 1218 HE	1444	1833	NA	NA
AMD Opteron 1220	1653	1738	NA	NA
AMD Opteron 1222	1757	1674	NA	NA
AMD Opteron 1352	2316	1428	17.04	\$135.99*
AMD Opteron 1354	2630	1317	8.49	\$309.97*
AMD Opteron 1356	2765	1276	30.73	\$89.99*
AMD Opteron 1381	3065	1174	NA	NA
AMD Opteron 2212	1270	1930	105.89	\$12.00*
AMD Opteron 2214	1358	1874	46.85	\$29.00
AMD Opteron 2214 HE	1415	1845	NA	NA
AMD Opteron 2216	1518	1804	8.53	\$178.00*
AMD Opteron 2218	1594	1771	49.18	\$32.42*
AMD Opteron 2220	1701	1707	1.15	\$1,475.16*
AMD Opteron 2220 SE	1398	1851	55.92	\$25.00
AMD Opteron 2222	1843	1639	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1595	NA	NA
AMD Opteron 2350	2820	1255	10.45	\$269.99*
AMD Opteron 2356	2814	1259	188.25	\$14.95
AMD Opteron 2373 EE	2789	1268	NA	NA
AMD Opteron 2374 HE	2951	1212	15.53	\$189.99*
AMD Opteron 2376	2283	1450	13.69	\$166.80*
AMD Opteron 2378	3179	1135	17.76	\$179.00*
AMD Opteron 2380	2640	1314	105.64	\$25.00*
AMD Opteron 2384	3538	1041	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1042	NA	NA
AMD Opteron 2393 SE	2246	1464	NA	NA
AMD Opteron 2427	3069	1172	31.00	\$99.00
AMD Opteron 2431	4516	837	112.91	\$40.00*
AMD Opteron 2435	4708	793	39.11	\$120.40*
AMD Opteron 3260 HE	3259	1108	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 3280	5286	701	19.35	\$273.18*
AMD Opteron 3320 EE	2675	1304	NA	NA
AMD Opteron 3350 HE	4009	929	NA	NA
AMD Opteron 3365	5929	611	NA	NA
AMD Opteron 3380	6384	575	7.89	\$809.00*
AMD Opteron 4122	2942	1216	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1141	NA	NA
AMD Opteron 4184	4418	851	8.50	\$519.95*
AMD Opteron 4280	6430	569	128.63	\$49.99
AMD Opteron 4284	6660	542	111.03	\$59.99
AMD Opteron 4332 HE	5614	648	NA	NA
AMD Opteron 4334	6133	592	28.34	\$216.42*
AMD Opteron 4365 EE	5025	741	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4386	5419	679	38.71	\$139.99
AMD Opteron 6128	4505	838	214.63	\$20.99
AMD Opteron 6134	2938	1217	8.93	\$329.00
AMD Opteron 6136	4631	809	12.90	\$359.00*
AMD Opteron 6164 HE	5351	689	NA	NA
AMD Opteron 6174	6171	587	29.53	\$209.00
AMD Opteron 6176 SE	5446	671	19.73	\$276.01
AMD Opteron 6212	5776	628	192.62	\$29.99
AMD Opteron 6220	6785	528	113.11	\$59.99
AMD Opteron 6234	5979	606	85.44	\$69.99*
AMD Opteron 6238	7316	478	121.96	\$59.99
AMD Opteron 6272	6748	534	135.00	\$49.99
AMD Opteron 6274	4865	767	23.17	\$210.00*
AMD Opteron 6276	9011	343	112.66	\$79.99
AMD Opteron 6282 SE	9116	331	70.13	\$129.99
AMD Opteron 6287 SE	9789	275	NA	NA
AMD Opteron 6328	7813	433	39.07	\$199.99
AMD Opteron 6366 HE	7503	462	37.52	\$199.99
AMD Opteron 6376	9414	306	144.84	\$65.00
AMD Opteron 6378	2152	1497	10.76	\$199.99
AMD Opteron 6380	10081	252	112.03	\$89.99
AMD Opteron 6386 SE	10748	212	71.66	\$149.99
AMD Opteron 8354	2255	1461	102.52	\$22.00
AMD Opteron 8439 SE	3813	971	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1176	NA	NA
AMD Opteron X3216 APU	2368	1414	NA	NA
AMD Opteron X3421 APU	4894	764	NA	NA
AMD Phenom 2 X4 12000	3005	1195	NA	NA
AMD Phenom 7950 Quad-Core	2991	1201	NA	NA
AMD Phenom 8250 Triple-Core	1644	1740	NA	NA
AMD Phenom 8250e Triple-Core	1619	1755	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1639	1743	NA	NA
AMD Phenom 8450 Triple-Core	1888	1617	63.04	\$29.95*
AMD Phenom 8450e Triple-Core	2040	1544	NA	NA
AMD Phenom 8600 Triple-Core	1703	1704	32.15	\$52.99*
AMD Phenom 8600B Triple-Core	1919	1594	36.23	\$52.99*
AMD Phenom 8650 Triple-Core	1991	1564	39.85	\$49.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8750 Triple-Core	2058	1538	NA	NA
AMD Phenom 8750B Triple-Core	2034	1547	NA	NA
AMD Phenom 8850 Triple-Core	2026	1549	NA	NA
AMD Phenom 8850B Triple-Core	2080	1531	NA	NA
AMD Phenom 9100e Quad-Core	1835	1644	45.96	\$39.95*
AMD Phenom 9150e Quad-Core	2113	1516	52.90	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1427	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1320	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2204	1481	24.50	\$89.96*
AMD Phenom 9550 Quad-Core	2543	1348	63.67	\$39.95*
AMD Phenom 9600 Quad-Core	2304	1436	46.13	\$49.95*
AMD Phenom 9600B Quad-Core	2577	1337	17.51	\$147.19*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9650 Quad-Core	2640	1315	48.05	\$54.95*
AMD Phenom 9750 Quad-Core	2813	1260	46.93	\$59.95*
AMD Phenom 9750B Quad-Core	2709	1295	NA	NA
AMD Phenom 9850 Quad-Core	2893	1238	57.87	\$50.00*
AMD Phenom 9850B Quad-Core	3160	1147	NA	NA
AMD Phenom 9950 Quad-Core	3014	1190	16.75	\$179.98*
AMD Phenom FX-5000 Quad-Core	2518	1357	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1213	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1019	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1053	NA	NA
AMD Phenom II N620 Dual-Core	1681	1719	42.18	\$39.86*
AMD Phenom II N640 Dual-Core	1740	1684	26.80	\$64.95*
AMD Phenom II N660 Dual-Core	1853	1632	18.72	\$99.00*
AMD Phenom II N830 3+1	2652	1310	NA	NA
AMD Phenom II N830 Triple-Core	1889	1616	NA	NA
AMD Phenom II N850 Triple-Core	1935	1587	77.42	\$25.00*
AMD Phenom II N870 Triple-Core	1988	1566	NA	NA
AMD Phenom II N930 Quad-Core	2268	1456	17.46	\$129.95*
AMD Phenom II N950 Quad-Core	2484	1373	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2523	1355	16.83	\$149.99*
AMD Phenom II P650 Dual-Core	1597	1768	45.66	\$35.00*
AMD Phenom II P820 Triple-Core	1602	1765	NA	NA
AMD Phenom II P840 Triple-Core	1738	1686	NA	NA
AMD Phenom II P860 Triple-Core	1759	1672	NA	NA
AMD Phenom II P920 Quad-Core	1866	1628	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1651	NA	NA
AMD Phenom II P960 Quad-Core	2086	1529	74.52	\$28.00*
AMD Phenom II X2 511	2104	1520	NA	NA
AMD Phenom II X2 521	2077	1533	NA	NA
AMD Phenom II X2 545	1911	1599	43.46	\$43.98
AMD Phenom II X2 550	2021	1552	40.43	\$49.99
AMD Phenom II X2 555	2043	1543	14.38	\$142.14
AMD Phenom II X2 560	2057	1539	51.46	\$39.99
AMD Phenom II X2 565	2211	1476	73.73	\$29.99
AMD Phenom II X2 570	1960	1578	NA	NA
AMD Phenom II X2 B53	1709	1699	NA	NA
AMD Phenom II X2 B55	1931	1590	40.24	\$48.00*
AMD Phenom II X2 B57	1851	1633	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X2 B59	2138	1503	42.82	\$49.95*
AMD Phenom II X3 700e	2285	1448	NA	NA
AMD Phenom II X3 705e	2227	1472	14.63	\$152.34*
AMD Phenom II X3 710	2442	1386	28.89	\$84.53*
AMD Phenom II X3 715	2649	1311	31.17	\$84.99*
AMD Phenom II X3 720	2680	1302	38.30	\$69.99
AMD Phenom II X3 740	2994	1200	33.65	\$88.99*
AMD Phenom II X3 B73	2735	1292	36.47	\$75.00*
AMD Phenom II X3 B75	2946	1214	NA	NA
AMD Phenom II X3 B77	3067	1173	NA	NA
AMD Phenom II X4 805	2994	1199	17.21	\$173.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 810	3126	1156	26.96	\$115.99*
AMD Phenom II X4 820	3409	1071	45.49	\$74.95*
AMD Phenom II X4 830	3437	1065	43.00	\$79.95*
AMD Phenom II X4 840	3511	1048	39.04	\$89.95*
AMD Phenom II X4 840T	3601	1022	45.04	\$79.95
AMD Phenom II X4 850	3549	1039	31.83	\$111.49*
AMD Phenom II X4 900e	2882	1241	NA	NA
AMD Phenom II X4 905e	3087	1167	14.54	\$212.38*
AMD Phenom II X4 910	3252	1110	32.53	\$100.00*
AMD Phenom II X4 910e	3260	1107	20.77	\$156.99*
AMD Phenom II X4 920	3399	1075	50.75	\$66.99
AMD Phenom II X4 925	3422	1068	21.39	\$159.99*
AMD Phenom II X4 940	3596	1024	29.97	\$119.99*
AMD Phenom II X4 945	3665	1012	17.05	\$214.98*
AMD Phenom II X4 955	3935	948	30.24	\$130.16*
AMD Phenom II X4 960T	3787	979	28.06	\$134.99*
AMD Phenom II X4 965	4194	895	70.49	\$59.50
AMD Phenom II X4 970	4328	874	29.23	\$148.11*
AMD Phenom II X4 973	3759	987	NA	NA
AMD Phenom II X4 975	4474	843	35.32	\$126.69
AMD Phenom II X4 977	3750	990	NA	NA
AMD Phenom II X4 980	4494	840	32.90	\$136.64*
AMD Phenom II X4 8700e	2377	1410	NA	NA
AMD Phenom II X4 B05e	2781	1270	NA	NA
AMD Phenom II X4 B15e	2736	1291	NA	NA
AMD Phenom II X4 B25	3330	1094	NA	NA
AMD Phenom II X4 B35	3383	1082	NA	NA
AMD Phenom II X4 B40	3394	1080	NA	NA
AMD Phenom II X4 B45	3469	1059	NA	NA
AMD Phenom II X4 B50	3703	1005	NA	NA
AMD Phenom II X4 B55	3860	959	NA	NA
AMD Phenom II X4 B60	4044	921	NA	NA
AMD Phenom II X4 B65	4177	899	NA	NA
AMD Phenom II X4 B70	4261	884	NA	NA
AMD Phenom II X4 B93	3361	1087	NA	NA
AMD Phenom II X4 B95	3708	1000	50.83	\$72.95*
AMD Phenom II X4 B97	3884	954	43.19	\$89.95
AMD Phenom II X4 B99	4130	912	NA	NA
AMD Phenom II X6 1035T	4665	801	24.68	\$189.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1045T	4822	777	27.56	\$175.00*
AMD Phenom II X6 1055T	4968	752	26.86	\$185.00*
AMD Phenom II X6 1065T	5068	730	NA	NA
AMD Phenom II X6 1075T	5345	691	20.56	\$259.99*
AMD Phenom II X6 1090T	5589	653	14.11	\$396.08*
AMD Phenom II X6 1100T	5733	635	28.67	\$199.99
AMD Phenom II X6 1405T	5042	739	NA	NA
AMD Phenom II X620 Dual-Core	2189	1488	NA	NA
AMD Phenom II X640 Dual-Core	2021	1551	NA	NA
AMD Phenom II X920 Quad-Core	2640	1316	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X940 Quad-Core	2695	1299	NA	NA
AMD Phenom Ultra X4 24500	3945	945	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1710	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1478	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1677	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1975	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1837	NA	NA
AMD Phenom X3 8550	1930	1591	11.36	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1673	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1562	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1470	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2812	1261	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1294	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1300	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1962	NA	NA
AMD PRO A4-3350B APU	2396	1401	NA	NA
AMD PRO A4-8350B	2927	1222	NA	NA
AMD PRO A6-7350B	2759	1280	NA	NA
AMD PRO A6-8500B	2516	1358	NA	NA
AMD PRO A6-8530B	2388	1404	NA	NA
AMD PRO A6-8550B	3018	1188	NA	NA
AMD PRO A6-8570	3049	1180	NA	NA
AMD PRO A6-8570E	2824	1254	NA	NA
AMD PRO A6-9500	3239	1116	43.77	\$74.00*
AMD PRO A6-9500B	2076	1534	NA	NA
AMD PRO A6-9500E	2761	1279	37.31	\$74.00*
AMD PRO A8-8600B	3553	1037	NA	NA
AMD PRO A8-8650B	5426	677	NA	NA
AMD PRO A8-8670E	4692	796	NA	NA
AMD PRO A8-9600	5321	695	44.72	\$119.00*
AMD PRO A8-9600B	4004	932	NA	NA
AMD PRO A10-8700B	3581	1029	NA	NA
AMD PRO A10-8730B	3949	942	NA	NA
AMD PRO A10-8750B	5646	646	NA	NA
AMD PRO A10-8770	5707	636	NA	NA
AMD PRO A10-8770E	5045	738	NA	NA
AMD PRO A10-8850B	5852	620	NA	NA
AMD PRO A10-9700	5677	641	33.59	\$169.00*
AMD PRO A10-9700B	4393	857	NA	NA
AMD PRO A10-9700E	4922	762	35.42	\$139.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A12-8800B	4154	906	NA	NA
AMD PRO A12-8830B	4377	861	NA	NA
AMD PRO A12-8870	6067	599	NA	NA
AMD PRO A12-8870E	5186	710	NA	NA
AMD PRO A12-9800	6199	584	36.68	\$169.00*
AMD PRO A12-9800B	4161	905	NA	NA
AMD PRO A12-9800E	4793	785	28.36	\$169.00*
AMD QC-4000	1663	1731	NA	NA
AMD R-260H APU	1576	1778	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD R-460L APU	1954	1579	NA	NA
AMD R-464L APU	3117	1158	NA	NA
AMD RX-427BB	4250	889	NA	NA
AMD Ryzen 3 1200	6757	533	59.88	\$112.85
AMD Ryzen 3 1300X	7487	463	53.75	\$139.30
AMD Ryzen 3 2200G	7429	469	75.82	\$97.99
AMD Ryzen 3 2200GE	7229	489	NA	NA
AMD Ryzen 3 2200U	4603	818	NA	NA
AMD Ryzen 3 2300U	6439	564	NA	NA
AMD Ryzen 3 PRO 1200	7069	506	NA	NA
AMD Ryzen 3 PRO 1300	8300	392	NA	NA
AMD Ryzen 3 PRO 2200G	8106	409	NA	NA
AMD Ryzen 3 PRO 2200GE	8004	421	NA	NA
AMD Ryzen 3 PRO 2300U	7242	486	NA	NA
AMD Ryzen 5 1400	8398	386	62.22	\$134.99
AMD Ryzen 5 1500X	10069	254	69.50	\$144.89
AMD Ryzen 5 1600	12265	171	79.14	\$154.99
AMD Ryzen 5 1600X	13229	151	76.74	\$172.40
AMD Ryzen 5 2400G	9263	318	57.90	\$159.99
AMD Ryzen 5 2400GE	7285	483	NA	NA
AMD Ryzen 5 2500U	7381	474	NA	NA
AMD Ryzen 5 2600	13508	145	84.43	\$159.99
AMD Ryzen 5 2600X	14348	122	71.75	\$199.99
AMD Ryzen 5 PRO 1500	10123	245	NA	NA
AMD Ryzen 5 PRO 1600	12213	173	NA	NA
AMD Ryzen 5 PRO 2400G	10097	249	NA	NA
AMD Ryzen 5 PRO 2400GE	9712	285	NA	NA
AMD Ryzen 5 PRO 2500U	9170	324	NA	NA
AMD Ryzen 5 PRO 2600	14645	112	NA	NA
AMD Ryzen 7 1700	13747	137	76.38	\$179.99
AMD Ryzen 7 1700X	14640	113	65.07	\$224.99
AMD Ryzen 7 1800X	15400	98	61.61	\$249.97
AMD Ryzen 7 2700	15060	104	60.25	\$249.99
AMD Ryzen 7 2700U	7506	461	NA	NA
AMD Ryzen 7 2700X	16953	66	57.47	\$294.99
AMD Ryzen 7 PRO 1700	14708	109	NA	NA
AMD Ryzen 7 PRO 1700X	15349	99	NA	NA
AMD Ryzen 7 PRO 2700	16341	78	NA	NA
AMD Ryzen 7 PRO 2700U	9025	341	NA	NA
AMD Ryzen 7 PRO 2700X	17272	62	NA	NA
AMD Ryzen Embedded V1605B	7143	496	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Embedded V1807B	7185	492	NA	NA
AMD Ryzen Threadripper 1900X	15808	94	49.40	\$319.99
AMD Ryzen Threadripper 1920X	18511	50	33.66	\$549.99
AMD Ryzen Threadripper 1950X	22108	18	32.51	\$679.99
AMD Ryzen Threadripper 2950X	25947	4	28.83	\$899.99
AMD Ryzen Threadripper 2990WX	24300	11	14.13	\$1,719.99
AMD Sempron 130	656	2266	26.29	\$24.99*
AMD Sempron 140	733	2226	18.54	\$39.59*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 145	811	2198	8.55	\$94.92
AMD Sempron 150	707	2242	15.74	\$44.95
AMD Sempron 200U	267	2631	3.08	\$87.00*
AMD Sempron 210U	378	2484	NA	NA
AMD Sempron 240	2110	1518	36.39	\$58.00
AMD Sempron 2100+	392	2473	NA	NA
AMD Sempron 2200+	281	2615	9.38	\$29.99*
AMD Sempron 2300+	318	2551	7.07	\$45.00*
AMD Sempron 2400+	313	2559	11.62	\$27.00*
AMD Sempron 2500+	335	2534	4.20	\$79.95*
AMD Sempron 2600+	373	2491	10.70	\$34.95
AMD Sempron 2650 APU	939	2128	24.10	\$39.00
AMD Sempron 2800+	383	2479	19.19	\$19.99
AMD Sempron 3000+	408	2448	20.44	\$20.00
AMD Sempron 3100+	452	2402	7.53	\$60.00*
AMD Sempron 3200+	406	2450	31.29	\$13.00*
AMD Sempron 3300+	484	2373	8.07	\$60.00*
AMD Sempron 3400+	454	2401	15.18	\$29.91*
AMD Sempron 3500+	384	2478	19.23	\$20.00*
AMD Sempron 3600+	487	2365	40.59	\$12.00*
AMD Sempron 3800+	554	2318	26.39	\$21.00*
AMD Sempron 3850 APU	1710	1698	50.33	\$33.99
AMD Sempron Dual Core 2100	936	2130	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2087	NA	NA
AMD Sempron Dual Core 2300	982	2096	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2120	NA	NA
AMD Sempron Dual Core 4900	1081	2036	NA	NA
AMD Sempron LE-250	490	2359	NA	NA
AMD Sempron LE-1100	438	2419	NA	NA
AMD Sempron LE-1150	445	2408	NA	NA
AMD Sempron LE-1200	528	2332	NA	NA
AMD Sempron LE-1250	541	2324	5.41	\$99.95
AMD Sempron LE-1300	605	2289	25.23	\$24.00
AMD Sempron LE-1600	535	2329	NA	NA
AMD Sempron LE-1620	635	2276	NA	NA
AMD Sempron LE-1640	759	2217	NA	NA
AMD Sempron M100	558	2317	46.58	\$12.00*
AMD Sempron M120	582	2301	NA	NA
AMD Sempron SI-40	443	2411	36.93	\$12.00*
AMD Sempron SI-42	454	2399	15.16	\$30.01
AMD Sempron X2 180	1222	1955	17.62	\$69.40*
AMD Sempron X2 190	1509	1806	18.09	\$83.44*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron X2 198 Dual-Core	1413	1846	NA	NA
AMD Turion 64 Mobile MK-36	465	2387	NA	NA
AMD Turion 64 Mobile MK-38	513	2343	NA	NA
AMD Turion 64 Mobile ML-28	390	2475	NA	NA
AMD Turion 64 Mobile ML-30	402	2457	NA	NA
AMD Turion 64 Mobile ML-32	410	2443	NA	NA
AMD Turion 64 Mobile ML-34	425	2435	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile ML-37	442	2412	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2337	NA	NA
AMD Turion 64 Mobile ML-42	615	2284	NA	NA
AMD Turion 64 Mobile ML-44	591	2296	NA	NA
AMD Turion 64 Mobile MT-28	419	2436	NA	NA
AMD Turion 64 Mobile MT-30	378	2482	NA	NA
AMD Turion 64 Mobile MT-32	426	2434	NA	NA
AMD Turion 64 Mobile MT-34	429	2431	NA	NA
AMD Turion 64 Mobile MT-37	484	2372	NA	NA
AMD Turion 64 Mobile MT-40	536	2327	NA	NA
AMD Turion 64 X2 Mobile TL-50	748	2222	14.97	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2213	NA	NA
AMD Turion 64 X2 Mobile TL-56	887	2159	44.36	\$20.00*
AMD Turion 64 X2 Mobile TL-58	944	2123	NA	NA
AMD Turion 64 X2 Mobile TL-60	994	2091	41.51	\$23.95*
AMD Turion 64 X2 Mobile TL-62	1091	2027	3.51	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1110	2012	28.20	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1148	1996	3.04	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	1987	12.92	\$90.00*
AMD Turion Dual-Core RM-70	904	2153	36.16	\$25.00*
AMD Turion Dual-Core RM-72	860	2168	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2071	NA	NA
AMD Turion Dual-Core RM-75	977	2098	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1293	1908	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1900	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1884	NA	NA
AMD Turion II N530 Dual-Core	1583	1773	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1797	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2100	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	1972	NA	NA
AMD Turion II Neo N40L Dual-Core	922	2143	NA	NA
AMD Turion II Neo N54L Dual-Core	1376	1864	NA	NA
AMD Turion II P520 Dual-Core	1357	1875	NA	NA
AMD Turion II P540 Dual-Core	1438	1836	28.79	\$49.95*
AMD Turion II P560 Dual-Core	1511	1805	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1409	1848	58.74	\$24.00*
AMD Turion II Ultra Dual-Core Mobile M620	1427	1839	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1727	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1792	NA	NA
AMD Turion Neo X2 Dual Core L625	820	2190	NA	NA
AMD Turion X2 Dual Core L510	923	2142	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2171	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2046	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Dual-Core Mobile RM-70	994	2088	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1089	2028	4.86	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1062	2044	42.57	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1140	2002	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	1994	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1014	2073	72.45	\$14.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2032	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	1960	94.53	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	1949	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1906	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1275	1924	31.92	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2084	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2062	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1829	NA	NA
AMD V105	299	2580	NA	NA
AMD V120	622	2283	NA	NA
AMD V140	640	2274	12.83	\$49.95*
AMD V160	681	2257	NA	NA
AMD Z-01	523	2336	NA	NA
AMD Z-60 APU	500	2354	NA	NA
AMD-K6 3D	90	2756	NA	NA
AMD-K6-III	108	2753	NA	NA
AMD-K7	403	2456	NA	NA
Athlon 64 Dual Core 3800+	1234	1950	NA	NA
Athlon 64 Dual Core 4200+	1156	1992	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	1866	NA	NA
Athlon 64 Dual Core 5000+	1507	1808	NA	NA
Athlon 64 Dual Core 5400+	1614	1757	NA	NA
Athlon 64 Dual Core 5600+	1548	1787	NA	NA
Athlon Dual Core 4050e	968	2107	NA	NA
Athlon Dual Core 4450e	1081	2037	NA	NA
Athlon Dual Core 4850e	1327	1889	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1250	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1083	2033	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1170	1981	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1207	1963	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1274	1925	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1964	NA	NA
HP Hexa-Core 2.0GHz	2178	1490	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2172	NA	NA
Intel 1400 @ 1.83GHz	980	2097	NA	NA
Intel 1500 @ 2.00GHz	1024	2065	NA	NA
Intel Atom 230 @ 1.60GHz	307	2566	NA	NA
Intel Atom 330 @ 1.60GHz	588	2299	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2156	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2113	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1530	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2329	1425	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1492	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	973	16.41	\$232.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C2750 @ 2.41GHz	3344	1092	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1144	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1379	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1349	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	773	14.62	\$332.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D410 @ 1.66GHz	301	2576	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2527	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	653	2267	6.73	\$97.16*
Intel Atom D525 @ 1.80GHz	703	2245	NA	NA
Intel Atom D2500 @ 1.86GHz	404	2454	NA	NA
Intel Atom D2550 @ 1.86GHz	678	2258	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2238	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2179	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2234	NA	NA
Intel Atom E660 @ 1.30GHz	271	2627	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2524	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2540	2.22	\$149.00
Intel Atom E3825 @ 1.33GHz	579	2305	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2361	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2176	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	1988	NA	NA
Intel Atom E3845 @ 1.91GHz	1496	1814	NA	NA
Intel Atom E3940 @ 1.60GHz	1920	1593	NA	NA
Intel Atom E3950 @ 1.60GHz	1827	1649	NA	NA
Intel Atom K510 @ 1.66GHz	658	2264	NA	NA
Intel Atom N270 @ 1.60GHz	269	2630	NA	NA
Intel Atom N280 @ 1.66GHz	283	2608	NA	NA
Intel Atom N435 @ 1.33GHz	261	2639	NA	NA
Intel Atom N450 @ 1.66GHz	295	2587	NA	NA
Intel Atom N455 @ 1.66GHz	283	2607	NA	NA
Intel Atom N470 @ 1.83GHz	307	2565	NA	NA
Intel Atom N475 @ 1.83GHz	314	2556	NA	NA
Intel Atom N550 @ 1.50GHz	525	2335	6.11	\$86.00*
Intel Atom N570 @ 1.66GHz	575	2309	6.70	\$86.00*
Intel Atom N2100 @ 1.60GHz	305	2569	NA	NA
Intel Atom N2600 @ 1.60GHz	525	2333	NA	NA
Intel Atom N2800 @ 1.86GHz	628	2279	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2146	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1545	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2197	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1623	1753	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1197	1967	9.00	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1023	2067	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1269	1931	60.47	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1691	1715	27.04	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1841	1640	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1901	1604	25.82	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1904	1602	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2707	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2683	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z520 @ 1.33GHz	215	2686	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2614	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2521	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2480	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z670 @ 1.50GHz	243	2663	NA	NA
Intel Atom Z2760 @ 1.80GHz	563	2315	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2147	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2137	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	907	2152	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2150	NA	NA
Intel Atom Z3736F @ 1.33GHz	921	2144	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	2045	NA	NA
Intel Atom Z3740D @ 1.33GHz	1020	2069	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	2042	NA	NA
Intel Atom Z3745D @ 1.33GHz	1034	2059	NA	NA
Intel Atom Z3770 @ 1.46GHz	1243	1947	8.32	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2200	NA	NA
Intel Atom Z3775 @ 1.46GHz	1257	1935	35.92	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1923	NA	NA
Intel Atom Z3795 @ 1.60GHz	1771	1668	NA	NA
Intel Celeron 1.70GHz	130	2746	NA	NA
Intel Celeron 1.80GHz	136	2743	NA	NA
Intel Celeron 2.00GHz	185	2715	NA	NA
Intel Celeron 2.10GHz	244	2661	NA	NA
Intel Celeron 2.13GHz	208	2694	NA	NA
Intel Celeron 2.20GHz	213	2689	NA	NA
Intel Celeron 2.26GHz	223	2678	NA	NA
Intel Celeron 2.30GHz	227	2675	NA	NA
Intel Celeron 2.40GHz	217	2684	NA	NA
Intel Celeron 2.50GHz	247	2655	NA	NA
Intel Celeron 2.53GHz	245	2659	NA	NA
Intel Celeron 2.60GHz	238	2665	NA	NA
Intel Celeron 2.66GHz	252	2650	NA	NA
Intel Celeron 2.70GHz	245	2660	NA	NA
Intel Celeron 2.80GHz	254	2646	NA	NA
Intel Celeron 2.93GHz	283	2606	NA	NA
Intel Celeron 3.06GHz	284	2603	NA	NA
Intel Celeron 3.20GHz	288	2596	NA	NA
Intel Celeron 3.33GHz	333	2537	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2546	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2549	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2404	11.25	\$39.99
Intel Celeron 430 @ 1.80GHz	490	2360	29.68	\$16.52
Intel Celeron 440 @ 2.00GHz	546	2319	26.02	\$21.01
Intel Celeron 450 @ 2.20GHz	626	2281	20.89	\$29.99
Intel Celeron 530 @ 1.73GHz	468	2384	20.37	\$23.00*
Intel Celeron 540 @ 1.86GHz	511	2346	NA	NA
Intel Celeron 550 @ 2.00GHz	515	2341	15.26	\$33.80
Intel Celeron 560 @ 2.13GHz	535	2328	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2338	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	2739	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2452	NA	NA
Intel Celeron 743 @ 1.30GHz	433	2429	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 807 @ 1.50GHz	751	2221	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2497	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2286	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2131	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1026	2063	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	1999	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	1979	39.12	\$29.99
Intel Celeron 877 @ 1.40GHz	1288	1914	NA	NA
Intel Celeron 887 @ 1.50GHz	1280	1921	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2260	23.35	\$28.99*
Intel Celeron 925 @ 2.30GHz	688	2251	NA	NA
Intel Celeron 1000M @ 1.80GHz	1676	1721	NA	NA
Intel Celeron 1000MHz	213	2688	NA	NA
Intel Celeron 1005M @ 1.90GHz	1814	1654	NA	NA
Intel Celeron 1007U @ 1.50GHz	1396	1852	7.55	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1518	1803	NA	NA
Intel Celeron 1019Y @ 1.00GHz	926	2138	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1471	NA	NA
Intel Celeron 1037U @ 1.80GHz	1734	1688	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1971	NA	NA
Intel Celeron 1066MHz	259	2640	NA	NA
Intel Celeron 1100MHz	174	2725	NA	NA
Intel Celeron 1133MHz	282	2609	NA	NA
Intel Celeron 1200MHz	244	2662	NA	NA
Intel Celeron 1300MHz	288	2598	NA	NA
Intel Celeron 1333MHz	290	2592	NA	NA
Intel Celeron 1400MHz	302	2573	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1416	NA	NA
Intel Celeron 2950M @ 2.00GHz	2018	1553	NA	NA
Intel Celeron 2955U @ 1.40GHz	1423	1842	NA	NA
Intel Celeron 2957U @ 1.40GHz	1444	1834	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2013	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1430	NA	NA
Intel Celeron 2980U @ 1.60GHz	1576	1779	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1780	NA	NA
Intel Celeron 3205U @ 1.50GHz	1523	1795	5.31	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1639	1742	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1706	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1565	NA	NA
Intel Celeron 3855U @ 1.60GHz	1657	1737	NA	NA
Intel Celeron 3865U @ 1.80GHz	1913	1597	NA	NA
Intel Celeron 3955U @ 2.00GHz	1838	1643	NA	NA
Intel Celeron 3965U @ 2.20GHz	2453	1381	22.93	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1619	1754	15.14	\$107.00*
Intel Celeron @ 1.30GHz	965	2108	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2713	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2195	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron B800 @ 1.50GHz	1279	1922	NA	NA
Intel Celeron B810 @ 1.60GHz	1411	1847	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron B815 @ 1.60GHz	1367	1867	NA	NA
Intel Celeron B820 @ 1.70GHz	1426	1840	36.31	\$39.29*
Intel Celeron B830 @ 1.80GHz	1519	1800	NA	NA
Intel Celeron B840 @ 1.90GHz	1727	1690	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2629	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2574	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2553	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2536	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2453	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2375	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2300	NA	NA
Intel Celeron E1200 @ 1.60GHz	861	2167	7.84	\$109.95
Intel Celeron E1400 @ 2.00GHz	1047	2051	1.65	\$635.00
Intel Celeron E1500 @ 2.20GHz	1166	1986	59.35	\$19.65
Intel Celeron E1600 @ 2.40GHz	1260	1934	NA	NA
Intel Celeron E3200 @ 2.40GHz	1391	1855	26.77	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1384	1857	123.77	\$11.19
Intel Celeron E3400 @ 2.60GHz	1441	1835	19.11	\$75.47
Intel Celeron E3500 @ 2.70GHz	1454	1828	36.37	\$39.99
Intel Celeron G440 @ 1.60GHz	690	2250	13.81	\$49.99
Intel Celeron G460 @ 1.80GHz	1028	2060	15.83	\$65.00
Intel Celeron G465 @ 1.90GHz	1074	2040	35.82	\$29.99
Intel Celeron G470 @ 2.00GHz	1298	1905	NA	NA
Intel Celeron G530 @ 2.40GHz	2140	1502	53.53	\$39.99
Intel Celeron G530T @ 2.00GHz	1604	1764	NA	NA
Intel Celeron G540 @ 2.50GHz	2205	1479	95.11	\$23.19
Intel Celeron G540T @ 2.10GHz	2114	1514	NA	NA
Intel Celeron G550 @ 2.60GHz	2291	1443	114.62	\$19.99
Intel Celeron G550T @ 2.20GHz	2063	1536	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1392	15.77	\$153.59
Intel Celeron G1101 @ 2.27GHz	1667	1729	118.34	\$14.09
Intel Celeron G1610 @ 2.60GHz	2493	1368	99.78	\$24.99
Intel Celeron G1610T @ 2.30GHz	2304	1435	57.55	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2581	1335	16.81	\$153.59*
Intel Celeron G1620T @ 2.40GHz	2353	1419	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1367	49.89	\$49.99
Intel Celeron G1820 @ 2.70GHz	2759	1282	36.79	\$75.00
Intel Celeron G1820T @ 2.40GHz	2505	1363	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1505	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1347	36.35	\$69.99
Intel Celeron G1840 @ 2.80GHz	2859	1245	47.67	\$59.99
Intel Celeron G1840T @ 2.50GHz	2605	1326	NA	NA
Intel Celeron G1850 @ 2.90GHz	2907	1229	36.35	\$79.99
Intel Celeron G3900 @ 2.80GHz	3171	1138	79.51	\$39.89
Intel Celeron G3900E @ 2.40GHz	2679	1303	NA	NA
Intel Celeron G3900T @ 2.60GHz	2919	1225	NA	NA
Intel Celeron G3900TE @ 2.30GHz	2591	1331	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3113	1159	47.93	\$64.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3930 @ 2.90GHz	3037	1184	59.36	\$51.17*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3950 @ 3.00GHz	3006	1194	42.21	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3193	1132	24.07	\$132.69
Intel Celeron G4900T @ 2.90GHz	2960	1210	NA	NA
Intel Celeron G4920 @ 3.20GHz	3521	1046	50.32	\$69.98
Intel Celeron J1750 @ 2.41GHz	1037	2057	NA	NA
Intel Celeron J1800 @ 2.41GHz	1025	2064	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1758	NA	NA
Intel Celeron J1900 @ 1.99GHz	1854	1631	NA	NA
Intel Celeron J3060 @ 1.60GHz	976	2099	NA	NA
Intel Celeron J3160 @ 1.60GHz	1786	1663	NA	NA
Intel Celeron J3355 @ 2.00GHz	1169	1982	NA	NA
Intel Celeron J3455 @ 1.50GHz	2144	1500	5.50	\$389.99
Intel Celeron J4005 @ 2.00GHz	1601	1766	6.42	\$249.44*
Intel Celeron J4105 @ 1.50GHz	2641	1313	24.69	\$107.00*
Intel Celeron M 1.00GHz	207	2695	17.29	\$11.99*
Intel Celeron M 1.30GHz	316	2552	NA	NA
Intel Celeron M 1.50GHz	343	2529	NA	NA
Intel Celeron M 1.60GHz	365	2504	NA	NA
Intel Celeron M 1.70GHz	393	2472	NA	NA
Intel Celeron M 360 1.40GHz	327	2543	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2554	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2531	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2500	NA	NA
Intel Celeron M 440 @ 1.86GHz	401	2460	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2647	NA	NA
Intel Celeron M 450 @ 2.00GHz	455	2398	NA	NA
Intel Celeron M 520 @ 1.60GHz	434	2426	NA	NA
Intel Celeron M 530 @ 1.73GHz	458	2394	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2323	NA	NA
Intel Celeron M 600MHz	151	2737	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2397	NA	NA
Intel Celeron M 900MHz	202	2700	NA	NA
Intel Celeron M 1200MHz	275	2624	NA	NA
Intel Celeron M 1300MHz	303	2571	NA	NA
Intel Celeron M 1500MHz	332	2539	NA	NA
Intel Celeron M ULV 800MHz	184	2718	NA	NA
Intel Celeron N2805 @ 1.46GHz	454	2400	NA	NA
Intel Celeron N2806 @ 1.60GHz	789	2205	NA	NA
Intel Celeron N2807 @ 1.58GHz	850	2175	NA	NA
Intel Celeron N2808 @ 1.58GHz	927	2136	NA	NA
Intel Celeron N2810 @ 2.00GHz	777	2207	5.55	\$139.99*
Intel Celeron N2815 @ 1.86GHz	863	2166	NA	NA
Intel Celeron N2820 @ 2.13GHz	937	2129	4.78	\$196.28*
Intel Celeron N2830 @ 2.16GHz	950	2118	NA	NA
Intel Celeron N2840 @ 2.16GHz	1003	2079	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	1966	NA	NA
Intel Celeron N2920 @ 1.86GHz	1509	1807	NA	NA
Intel Celeron N2930 @ 1.83GHz	1628	1750	NA	NA
Intel Celeron N2940 @ 1.83GHz	1734	1689	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N3000 @ 1.04GHz	901	2154	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2109	NA	NA
Intel Celeron N3050 @ 1.60GHz	881	2160	7.38	\$119.42*
Intel Celeron N3060 @ 1.60GHz	985	2095	NA	NA
Intel Celeron N3150 @ 1.60GHz	1658	1736	NA	NA
Intel Celeron N3160 @ 1.60GHz	1698	1709	5.92	\$286.99*
Intel Celeron N3350 @ 1.10GHz	1113	2010	NA	NA
Intel Celeron N3450 @ 1.10GHz	1835	1645	10.96	\$167.37
Intel Celeron N4100 @ 1.10GHz	2333	1423	21.81	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1139	2004	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2090	NA	NA
Intel Celeron P4600 @ 2.00GHz	1340	1881	NA	NA
Intel Celeron SU2300 @ 1.20GHz	772	2210	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2119	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2047	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1703	NA	NA
Intel Celeron U3400 @ 1.07GHz	733	2227	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2254	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2199	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1048	2050	6.64	\$157.95
Intel Core2 Duo E4400 @ 2.00GHz	1157	1990	129.29	\$8.95
Intel Core2 Duo E4500 @ 2.20GHz	1272	1928	31.82	\$39.99
Intel Core2 Duo E4600 @ 2.40GHz	1384	1858	8.76	\$157.95
Intel Core2 Duo E4700 @ 2.60GHz	1486	1818	14.86	\$100.00*
Intel Core2 Duo E6300 @ 1.86GHz	1109	2014	11.93	\$93.00
Intel Core2 Duo E6320 @ 1.86GHz	1184	1973	23.70	\$49.99
Intel Core2 Duo E6400 @ 2.13GHz	1289	1913	64.63	\$19.95
Intel Core2 Duo E6420 @ 2.13GHz	1361	1872	27.23	\$49.99
Intel Core2 Duo E6540 @ 2.33GHz	1458	1825	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1500	1812	100.34	\$14.95
Intel Core2 Duo E6600 @ 2.40GHz	1554	1786	103.71	\$14.99
Intel Core2 Duo E6700 @ 2.66GHz	1693	1714	56.46	\$29.99
Intel Core2 Duo E6750 @ 2.66GHz	1714	1696	132.40	\$12.95
Intel Core2 Duo E6850 @ 3.00GHz	1951	1582	39.04	\$49.99
Intel Core2 Duo E7200 @ 2.53GHz	1633	1749	21.77	\$75.00
Intel Core2 Duo E7300 @ 2.66GHz	1727	1691	86.40	\$19.99
Intel Core2 Duo E7400 @ 2.80GHz	1775	1666	61.24	\$28.99
Intel Core2 Duo E7500 @ 2.93GHz	1874	1624	125.05	\$14.99
Intel Core2 Duo E7600 @ 3.06GHz	1972	1572	16.44	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1520	1798	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1754	1676	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1887	1618	37.76	\$49.99
Intel Core2 Duo E8235 @ 2.80GHz	1965	1574	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1418	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1992	1563	99.67	\$19.99
Intel Core2 Duo E8335 @ 2.66GHz	1846	1637	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1509	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2152	1498	240.48	\$8.95
Intel Core2 Duo E8435 @ 3.06GHz	2127	1510	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core2 Duo E8500 @ 3.16GHz	2285	1447	57.15	\$39.99
Intel Core2 Duo E8600 @ 3.33GHz	2409	1395	48.21	\$49.99
Intel Core2 Duo E8700 @ 3.50GHz	2212	1475	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2214	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2255	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	841	2181	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2177	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	963	2110	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2101	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2006	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	2043	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1318	1894	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	1912	64.58	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	1904	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	1844	35.43	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2122	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1523	1796	6.62	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1450	1830	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2068	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1457	1827	4.91	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1791	31.25	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1625	1752	42.78	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1682	30.56	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1783	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1765	1670	1.77	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1740	1683	17.58	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1879	1621	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2012	1556	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2298	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1266	1933	5.01	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1723	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	933	2132	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	834	2184	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	834	2185	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	816	2194	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	933	2133	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	911	2149	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	909	2151	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	924	2140	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1045	2053	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1027	2061	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	992	2092	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1092	2026	109.39	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1109	2015	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1195	1968	75.16	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1144	2001	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	1961	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1224	1953	81.68	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1286	1915	85.84	\$14.99*
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core2 Duo T6570 @ 2.10GHz	1252	1939	32.54	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1364	1870	72.18	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1366	1868	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1018	2070	46.31	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1166	1985	11.67	\$99.95
Intel Core2 Duo T7250 @ 2.00GHz	1111	2011	5.52	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1193	1969	38.52	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1243	1946	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1273	1926	29.62	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1378	1861	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1418	1843	23.66	\$59.95*
Intel Core2 Duo T7800 @ 2.60GHz	1614	1759	2.65	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1294	1907	1.29	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1474	1821	6.89	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1669	1726	28.79	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1737	1687	24.84	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1799	1659	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1801	1657	6.03	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1928	1592	21.44	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2010	1559	4.74	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2129	1508	5.34	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	871	2163	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	582	2302	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	664	2261	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2247	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2169	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1132	2005	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1716	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3651	1014	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3635	1016	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3462	1061	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1869	1627	7.09	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1656	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1888	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1718	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1906	1601	4.65	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2066	1535	2.43	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4164	903	4.58	\$909.00*
Intel Core2 Extreme X9750 @ 3.16GHz	4597	820	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4611	813	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	805	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2955	1211	73.92	\$39.98
Intel Core2 Quad Q6700 @ 2.66GHz	3287	1104	73.08	\$44.99
Intel Core2 Quad Q8200 @ 2.33GHz	2815	1257	122.48	\$22.99
Intel Core2 Quad Q8300 @ 2.50GHz	2986	1203	59.74	\$49.99
Intel Core2 Quad Q8400 @ 2.66GHz	3170	1140	31.86	\$99.50*
Intel Core2 Quad Q9000 @ 2.00GHz	2528	1353	6.50	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1114	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3161	1145	63.24	\$49.99
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core2 Quad Q9400 @ 2.66GHz	3345	1091	98.47	\$33.98
Intel Core2 Quad Q9450 @ 2.66GHz	3762	986	11.23	\$335.00
Intel Core2 Quad Q9500 @ 2.83GHz	3550	1038	101.48	\$34.99
Intel Core2 Quad Q9505 @ 2.83GHz	3568	1031	18.78	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3974	937	81.13	\$48.99
Intel Core2 Quad Q9650 @ 3.00GHz	4177	900	59.86	\$69.78
Intel Core2 Quad Q9705 @ 3.16GHz	3947	943	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	350	2519	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2562	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2438	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	466	2385	NA	NA
Intel Core 330 @ 1.60GHz	643	2271	NA	NA
Intel Core 860 @ 2.80GHz	4555	829	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2235	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2239	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2231	NA	NA
Intel Core Duo T2050 @ 1.60GHz	694	2248	NA	NA
Intel Core Duo T2250 @ 1.73GHz	758	2218	NA	NA
Intel Core Duo T2300 @ 1.66GHz	730	2228	NA	NA
Intel Core Duo T2350 @ 1.86GHz	760	2215	NA	NA
Intel Core Duo T2400 @ 1.83GHz	793	2202	49.61	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	823	2189	NA	NA
Intel Core Duo T2500 @ 2.00GHz	869	2164	7.24	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	941	2126	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2066	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2322	NA	NA
Intel Core Duo U2500 @ 1.20GHz	514	2342	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1588	NA	NA
Intel Core i3-330M @ 2.13GHz	1791	1661	36.88	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1071	2041	NA	NA
Intel Core i3-350M @ 2.27GHz	1894	1612	48.57	\$39.00
Intel Core i3-370M @ 2.40GHz	2017	1554	50.48	\$39.96*
Intel Core i3-380M @ 2.53GHz	2093	1526	42.73	\$49.00*
Intel Core i3-380UM @ 1.33GHz	1168	1983	NA	NA
Intel Core i3-390M @ 2.67GHz	2180	1489	55.99	\$38.95*
Intel Core i3-530 @ 2.93GHz	2569	1342	128.45	\$20.00
Intel Core i3-540 @ 3.07GHz	2687	1301	127.99	\$21.00
Intel Core i3-550 @ 3.20GHz	2826	1253	15.71	\$179.95
Intel Core i3-560 @ 3.33GHz	2943	1215	98.18	\$29.98
Intel Core i3-2100 @ 3.10GHz	3687	1009	61.46	\$59.99
Intel Core i3-2100T @ 2.50GHz	2934	1219	48.92	\$59.99
Intel Core i3-2102 @ 3.10GHz	3736	994	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3704	1002	46.32	\$79.99
Intel Core i3-2120 @ 3.30GHz	3922	951	130.76	\$30.00
Intel Core i3-2120T @ 2.60GHz	3164	1143	28.00	\$113.00
Intel Core i3-2125 @ 3.30GHz	4025	925	20.23	\$199.00
Intel Core i3-2130 @ 3.40GHz	4059	918	58.00	\$69.99
Intel Core i3-2140 @ 3.50GHz	4325	875	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1249	12.62	\$225.00*
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core i3-2310M @ 2.10GHz	2429	1388	54.00	\$44.99
Intel Core i3-2312M @ 2.10GHz	2381	1407	NA	NA
Intel Core i3-2328M @ 2.20GHz	2536	1350	27.29	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1171	NA	NA
Intel Core i3-2330M @ 2.20GHz	2521	1356	14.81	\$170.20
Intel Core i3-2332M @ 2.20GHz	2382	1406	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1693	NA	NA
Intel Core i3-2348M @ 2.30GHz	2620	1321	NA	NA
Intel Core i3-2350M @ 2.30GHz	2617	1322	62.38	\$41.97*
Intel Core i3-2357M @ 1.30GHz	1556	1785	NA	NA
Intel Core i3-2365M @ 1.40GHz	1679	1720	NA	NA
Intel Core i3-2367M @ 1.40GHz	1703	1705	NA	NA
Intel Core i3-2370M @ 2.40GHz	2773	1273	46.27	\$59.95
Intel Core i3-2375M @ 1.50GHz	1778	1664	NA	NA
Intel Core i3-2377M @ 1.50GHz	1831	1648	NA	NA
Intel Core i3-3110M @ 2.40GHz	3076	1170	38.48	\$79.95
Intel Core i3-3120M @ 2.50GHz	3215	1126	29.23	\$110.00*
Intel Core i3-3130M @ 2.60GHz	3405	1073	NA	NA
Intel Core i3-3210 @ 3.20GHz	4031	924	40.32	\$99.99
Intel Core i3-3217U @ 1.80GHz	2301	1440	10.01	\$229.99
Intel Core i3-3217UE @ 1.60GHz	2162	1494	NA	NA
Intel Core i3-3220 @ 3.30GHz	4235	890	121.35	\$34.90
Intel Core i3-3220T @ 2.80GHz	3703	1003	37.04	\$99.99
Intel Core i3-3225 @ 3.30GHz	4335	872	43.36	\$99.99
Intel Core i3-3227U @ 1.90GHz	2464	1378	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1694	1713	NA	NA
Intel Core i3-3240 @ 3.40GHz	4310	877	93.73	\$45.99
Intel Core i3-3240T @ 2.90GHz	3686	1010	NA	NA
Intel Core i3-3245 @ 3.40GHz	4424	849	55.32	\$79.99
Intel Core i3-3250 @ 3.50GHz	4445	846	46.80	\$94.99
Intel Core i3-3250T @ 3.00GHz	3021	1186	NA	NA
Intel Core i3-4000M @ 2.40GHz	3240	1115	16.21	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2449	1383	NA	NA
Intel Core i3-4010U @ 1.70GHz	2437	1387	19.61	\$124.31
Intel Core i3-4010Y @ 1.30GHz	1900	1608	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2154	1496	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2210	1477	NA	NA
Intel Core i3-4025U @ 1.90GHz	2777	1272	NA	NA
Intel Core i3-4030U @ 1.90GHz	2705	1296	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1362	NA	NA
Intel Core i3-4100M @ 2.50GHz	3483	1055	15.94	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	957	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1235	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1179	NA	NA
Intel Core i3-4130 @ 3.40GHz	4795	784	34.26	\$139.99
Intel Core i3-4130T @ 2.90GHz	4137	909	46.49	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4895	763	18.83	\$259.99*
Intel Core i3-4150T @ 3.00GHz	4260	886	18.53	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1228	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core i3-4160 @ 3.60GHz	5054	734	36.10	\$139.99
Intel Core i3-4160T @ 3.10GHz	4404	856	29.37	\$149.99
Intel Core i3-4170 @ 3.70GHz	5190	709	34.61	\$149.99
Intel Core i3-4170T @ 3.20GHz	4565	828	21.75	\$209.95
Intel Core i3-4330 @ 3.50GHz	5092	726	28.29	\$179.99
Intel Core i3-4330T @ 3.00GHz	4482	841	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1129	NA	NA
Intel Core i3-4340 @ 3.60GHz	5237	705	30.81	\$169.99
Intel Core i3-4350 @ 3.60GHz	4963	754	29.20	\$169.99
Intel Core i3-4350T @ 3.10GHz	4302	878	NA	NA
Intel Core i3-4360 @ 3.70GHz	5455	669	19.49	\$279.95
Intel Core i3-4360T @ 3.20GHz	4636	807	NA	NA
Intel Core i3-4370 @ 3.80GHz	5600	650	12.45	\$449.97
Intel Core i3-4370T @ 3.30GHz	4855	771	35.18	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	758	NA	NA
Intel Core i3-5005U @ 2.00GHz	2904	1234	NA	NA
Intel Core i3-5010U @ 2.10GHz	3052	1177	10.04	\$303.93*
Intel Core i3-5015U @ 2.10GHz	3048	1182	NA	NA
Intel Core i3-5020U @ 2.20GHz	3187	1134	6.94	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3661	1013	NA	NA
Intel Core i3-6006U @ 2.00GHz	3100	1164	NA	NA
Intel Core i3-6098P @ 3.60GHz	5412	680	40.47	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5491	662	31.20	\$175.99
Intel Core i3-6100E @ 2.70GHz	3769	983	NA	NA
Intel Core i3-6100H @ 2.70GHz	4230	891	NA	NA
Intel Core i3-6100T @ 3.20GHz	4853	772	25.55	\$189.99
Intel Core i3-6100TE @ 2.70GHz	4337	871	NA	NA
Intel Core i3-6100U @ 2.30GHz	3603	1021	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	965	NA	NA
Intel Core i3-6300 @ 3.80GHz	5849	621	40.91	\$142.99
Intel Core i3-6300T @ 3.30GHz	5249	703	37.50	\$139.99
Intel Core i3-6320 @ 3.90GHz	6047	600	37.80	\$159.99
Intel Core i3-7020U @ 2.30GHz	3554	1036	12.65	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5786	626	30.46	\$189.95
Intel Core i3-7100H @ 3.00GHz	4768	786	21.19	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5051	736	56.76	\$89.00*
Intel Core i3-7100U @ 2.40GHz	3798	976	11.24	\$337.98
Intel Core i3-7101TE @ 3.40GHz	5016	742	42.88	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4018	926	14.30	\$281.00*
Intel Core i3-7300 @ 4.00GHz	6436	566	30.65	\$209.99*
Intel Core i3-7300T @ 3.50GHz	5366	684	27.46	\$195.41*
Intel Core i3-7320 @ 4.10GHz	6541	553	37.43	\$174.76*
Intel Core i3-7350K @ 4.20GHz	6624	546	28.81	\$229.95
Intel Core i3-8100 @ 3.60GHz	8096	411	64.78	\$124.99
Intel Core i3-8100T @ 3.10GHz	7111	499	52.68	\$135.00
Intel Core i3-8130U @ 2.20GHz	5069	728	18.04	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8765	364	48.85	\$179.43*
Intel Core i3-8300T @ 3.20GHz	7650	451	46.29	\$165.28
Intel Core i3-8350K @ 4.00GHz	9251	319	50.01	\$184.99
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core i5 750S @ 2.40GHz	2197	1483	21.97	\$99.99
Intel Core i5 E 520 @ 2.40GHz	2486	1372	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3625	1018	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3737	993	NA	NA
Intel Core i5-430M @ 2.27GHz	2100	1523	15.01	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1339	1882	NA	NA
Intel Core i5-450M @ 2.40GHz	2114	1515	66.18	\$31.95*
Intel Core i5-460M @ 2.53GHz	2326	1426	31.04	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	2038	NA	NA
Intel Core i5-480M @ 2.67GHz	2406	1398	29.85	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1465	NA	NA
Intel Core i5-520M @ 2.40GHz	2370	1412	39.52	\$59.99*
Intel Core i5-520UM @ 1.07GHz	1356	1876	NA	NA
Intel Core i5-540M @ 2.53GHz	2448	1384	12.89	\$189.95
Intel Core i5-540UM @ 1.20GHz	1374	1865	NA	NA
Intel Core i5-560M @ 2.67GHz	2588	1332	28.77	\$89.97*
Intel Core i5-560UM @ 1.33GHz	1664	1730	NA	NA
Intel Core i5-580M @ 2.67GHz	2622	1318	23.85	\$109.95*
Intel Core i5-650 @ 3.20GHz	3104	1162	31.05	\$99.99
Intel Core i5-655K @ 3.20GHz	3399	1076	56.67	\$59.99
Intel Core i5-660 @ 3.33GHz	3248	1111	66.30	\$49.00
Intel Core i5-661 @ 3.33GHz	3173	1136	31.74	\$99.99
Intel Core i5-670 @ 3.47GHz	3308	1099	36.77	\$89.99
Intel Core i5-680 @ 3.60GHz	3513	1047	39.05	\$89.99
Intel Core i5-750 @ 2.67GHz	3699	1007	23.05	\$160.50*
Intel Core i5-760 @ 2.80GHz	3891	953	38.92	\$99.99
Intel Core i5-2300 @ 2.80GHz	5342	692	39.46	\$135.40*
Intel Core i5-2310 @ 2.90GHz	5530	660	69.14	\$79.98
Intel Core i5-2320 @ 3.00GHz	5757	631	29.49	\$195.25*
Intel Core i5-2380P @ 3.10GHz	5679	639	63.12	\$89.99
Intel Core i5-2390T @ 2.70GHz	4260	885	42.65	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5954	607	91.60	\$65.00
Intel Core i5-2400S @ 2.50GHz	4963	755	75.54	\$65.70
Intel Core i5-2405S @ 2.50GHz	5065	731	30.81	\$164.40*
Intel Core i5-2410M @ 2.30GHz	3165	1142	40.55	\$78.07*
Intel Core i5-2415M @ 2.30GHz	3299	1102	NA	NA
Intel Core i5-2430M @ 2.40GHz	3282	1105	39.03	\$84.11*
Intel Core i5-2435M @ 2.40GHz	3229	1118	NA	NA
Intel Core i5-2450M @ 2.50GHz	3397	1078	38.60	\$88.02
Intel Core i5-2450P @ 3.20GHz	6144	589	68.28	\$89.99
Intel Core i5-2467M @ 1.60GHz	2335	1421	NA	NA
Intel Core i5-2500 @ 3.30GHz	6328	577	60.28	\$104.99
Intel Core i5-2500K @ 3.30GHz	6476	560	48.34	\$133.99
Intel Core i5-2500S @ 2.70GHz	5317	697	70.91	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4670	800	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	1011	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1097	NA	NA
Intel Core i5-2520M @ 2.50GHz	3586	1027	21.15	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2095	1524	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core i5-2540M @ 2.60GHz	3781	981	60.07	\$62.95
Intel Core i5-2550K @ 3.40GHz	6662	541	66.63	\$99.99
Intel Core i5-2557M @ 1.70GHz	2659	1309	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	989	NA	NA
Intel Core i5-3210M @ 2.50GHz	3821	968	31.67	\$120.68*
Intel Core i5-3230M @ 2.60GHz	3938	947	15.78	\$249.65*
Intel Core i5-3317U @ 1.70GHz	3088	1166	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4114	914	33.52	\$122.74*
Intel Core i5-3330 @ 3.00GHz	5931	610	59.33	\$99.99
Intel Core i5-3330S @ 2.70GHz	5666	642	59.66	\$94.99
Intel Core i5-3335S @ 2.70GHz	5788	625	NA	NA
Intel Core i5-3337U @ 1.80GHz	3220	1123	14.31	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2237	1469	NA	NA
Intel Core i5-3340 @ 3.10GHz	6086	595	23.23	\$262.01
Intel Core i5-3340M @ 2.70GHz	4255	887	53.23	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5834	623	38.90	\$149.99
Intel Core i5-3350P @ 3.10GHz	6141	590	36.13	\$169.99
Intel Core i5-3360M @ 2.80GHz	4412	854	44.99	\$98.08
Intel Core i5-3380M @ 2.90GHz	4415	852	NA	NA
Intel Core i5-3427U @ 1.80GHz	3545	1040	8.44	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3629	1017	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1220	NA	NA
Intel Core i5-3450 @ 3.10GHz	6519	555	50.94	\$127.99
Intel Core i5-3450S @ 2.80GHz	6220	580	62.21	\$99.99
Intel Core i5-3470 @ 3.20GHz	6689	538	53.52	\$124.99
Intel Core i5-3470S @ 2.90GHz	6350	576	45.33	\$140.09
Intel Core i5-3470T @ 2.90GHz	4479	842	19.82	\$226.00*
Intel Core i5-3475S @ 2.90GHz	6613	548	46.09	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6940	516	21.03	\$329.95
Intel Core i5-3550S @ 3.00GHz	6882	522	20.18	\$341.01
Intel Core i5-3570 @ 3.40GHz	7104	500	50.75	\$139.99
Intel Core i5-3570K @ 3.40GHz	7170	495	49.80	\$143.99
Intel Core i5-3570S @ 3.10GHz	6731	536	23.62	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5901	615	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3786	980	NA	NA
Intel Core i5-4200H @ 2.80GHz	4440	847	NA	NA
Intel Core i5-4200M @ 2.50GHz	4036	923	22.43	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3288	1103	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1397	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2256	1460	NA	NA
Intel Core i5-4210H @ 2.90GHz	4536	835	NA	NA
Intel Core i5-4210M @ 2.60GHz	4190	897	13.52	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3402	1074	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2380	1408	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1458	NA	NA
Intel Core i5-4250U @ 1.30GHz	3456	1062	9.63	\$358.99*
Intel Core i5-4258U @ 2.40GHz	4081	916	NA	NA
Intel Core i5-4260U @ 1.40GHz	3598	1023	NA	NA
Intel Core i5-4278U @ 2.60GHz	4362	865	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core i5-4288U @ 2.60GHz	4358	867	NA	NA
Intel Core i5-4300M @ 2.60GHz	4412	853	NA	NA
Intel Core i5-4300U @ 1.90GHz	3738	992	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2486	1371	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2967	1207	NA	NA
Intel Core i5-4308U @ 2.80GHz	4190	896	NA	NA
Intel Core i5-4310M @ 2.70GHz	4626	811	NA	NA
Intel Core i5-4310U @ 2.00GHz	3730	996	NA	NA
Intel Core i5-4330M @ 2.80GHz	4457	844	16.21	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4810	781	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1020	NA	NA
Intel Core i5-4400E @ 2.70GHz	1271	1929	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	944	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1263	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6313	578	35.07	\$179.99
Intel Core i5-4430S @ 2.70GHz	5906	614	36.92	\$159.99
Intel Core i5-4440 @ 3.10GHz	6492	559	38.19	\$169.99
Intel Core i5-4440S @ 2.80GHz	6208	582	13.41	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6708	537	39.46	\$169.99
Intel Core i5-4460S @ 2.90GHz	6397	573	9.69	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4964	753	NA	NA
Intel Core i5-4570 @ 3.20GHz	7120	498	40.69	\$174.99
Intel Core i5-4570R @ 2.70GHz	6744	535	NA	NA
Intel Core i5-4570S @ 2.90GHz	6774	530	24.26	\$279.20*
Intel Core i5-4570T @ 2.90GHz	4826	776	32.18	\$149.99
Intel Core i5-4570TE @ 2.70GHz	3827	967	19.14	\$199.99
Intel Core i5-4590 @ 3.30GHz	7295	482	39.44	\$184.99
Intel Core i5-4590S @ 3.00GHz	7015	510	35.43	\$197.99
Intel Core i5-4590T @ 2.00GHz	5593	652	NA	NA
Intel Core i5-4670 @ 3.40GHz	7434	467	39.34	\$188.99
Intel Core i5-4670K @ 3.40GHz	7631	452	30.53	\$249.99
Intel Core i5-4670K CPT @ 3.40GHz	7411	473	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	471	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	6436	567	NA	NA
Intel Core i5-4670T @ 2.30GHz	6206	583	29.14	\$213.00*
Intel Core i5-4690 @ 3.50GHz	7655	450	38.28	\$199.99
Intel Core i5-4690K @ 3.50GHz	7796	436	38.98	\$199.99
Intel Core i5-4690S @ 3.20GHz	7424	470	27.50	\$269.94*
Intel Core i5-4690T @ 2.50GHz	6495	557	NA	NA
Intel Core i5-5200U @ 2.20GHz	3488	1054	NA	NA
Intel Core i5-5250U @ 1.60GHz	3582	1028	8.11	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4405	855	NA	NA
Intel Core i5-5287U @ 2.90GHz	4681	799	NA	NA
Intel Core i5-5300U @ 2.30GHz	3799	975	7.37	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3358	1089	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	466	NA	NA
Intel Core i5-5675C @ 3.10GHz	8199	401	20.50	\$399.99
Intel Core i5-5675R @ 3.10GHz	8054	415	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4163	904	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core i5-6200U @ 2.30GHz	4016	927	NA	NA
Intel Core i5-6260U @ 1.80GHz	4359	866	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4983	749	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	789	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6084	596	NA	NA
Intel Core i5-6300U @ 2.40GHz	4371	863	NA	NA
Intel Core i5-6360U @ 2.00GHz	4836	774	NA	NA
Intel Core i5-6400 @ 2.70GHz	6759	532	33.80	\$199.99
Intel Core i5-6400T @ 2.20GHz	5596	651	23.80	\$235.18
Intel Core i5-6402P @ 2.80GHz	7097	501	37.36	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	627	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6782	529	NA	NA
Intel Core i5-6500 @ 3.20GHz	7240	487	30.89	\$234.38
Intel Core i5-6500T @ 2.50GHz	6272	579	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6559	552	29.50	\$222.32*
Intel Core i5-6600 @ 3.30GHz	7759	439	35.27	\$219.99
Intel Core i5-6600K @ 3.50GHz	8052	416	27.88	\$288.89
Intel Core i5-6600T @ 2.70GHz	7310	481	41.78	\$174.99
Intel Core i5-7200U @ 2.50GHz	4621	812	NA	NA
Intel Core i5-7260U @ 2.20GHz	5699	637	NA	NA
Intel Core i5-7267U @ 3.10GHz	5098	722	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	644	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6811	527	NA	NA
Intel Core i5-7300U @ 2.60GHz	5106	720	11.08	\$460.75
Intel Core i5-7360U @ 2.30GHz	5929	612	NA	NA
Intel Core i5-7400 @ 3.00GHz	7358	476	30.28	\$242.99
Intel Core i5-7400T @ 2.40GHz	6444	563	10.71	\$601.73
Intel Core i5-7440HQ @ 2.80GHz	7701	446	NA	NA
Intel Core i5-7500 @ 3.40GHz	8029	418	33.46	\$239.99
Intel Core i5-7500T @ 2.70GHz	7038	508	30.38	\$231.67
Intel Core i5-7600 @ 3.50GHz	8766	363	36.53	\$239.97
Intel Core i5-7600K @ 3.80GHz	9131	329	39.88	\$228.98
Intel Core i5-7600T @ 2.80GHz	8097	410	31.92	\$253.69
Intel Core i5-7640X @ 4.00GHz	9599	289	38.40	\$249.99
Intel Core i5-8250U @ 1.60GHz	7665	449	NA	NA
Intel Core i5-8259U @ 2.30GHz	10992	205	NA	NA
Intel Core i5-8265U @ 1.60GHz	8300	393	27.95	\$297.00*
Intel Core i5-8300H @ 2.30GHz	9440	304	37.76	\$250.00*
Intel Core i5-8305G @ 2.80GHz	9092	335	NA	NA
Intel Core i5-8350U @ 1.70GHz	8221	399	27.68	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11690	187	57.03	\$204.99
Intel Core i5-8400H @ 2.50GHz	10103	247	40.41	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9568	292	32.55	\$293.99
Intel Core i5-8500 @ 3.00GHz	12009	179	48.23	\$249.00
Intel Core i5-8500T @ 2.10GHz	9947	263	45.56	\$218.34
Intel Core i5-8600 @ 3.10GHz	12536	166	51.28	\$244.47*
Intel Core i5-8600K @ 3.60GHz	12803	159	33.82	\$378.59
Intel Core i5-8600T @ 2.30GHz	10913	207	29.18	\$373.99*
Intel Core i5-24050S @ 2.50GHz	4928	761	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core i7-7Y75 @ 1.30GHz	3753	988	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1573	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1346	NA	NA
Intel Core i7-620LM @ 2.00GHz	1951	1581	NA	NA
Intel Core i7-620M @ 2.67GHz	2722	1293	24.75	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	1892	NA	NA
Intel Core i7-640LM @ 2.13GHz	2259	1459	NA	NA
Intel Core i7-640M @ 2.80GHz	2839	1248	17.75	\$159.95*
Intel Core i7-640UM @ 1.20GHz	1659	1735	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1680	NA	NA
Intel Core i7-680UM @ 1.47GHz	1704	1702	NA	NA
Intel Core i7-720QM @ 1.60GHz	3014	1191	27.42	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3199	1130	29.10	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3225	1119	23.20	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3409	1070	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	5012	745	17.29	\$289.95
Intel Core i7-860S @ 2.53GHz	4711	792	23.56	\$199.99
Intel Core i7-870 @ 2.93GHz	5346	690	17.25	\$309.95
Intel Core i7-870S @ 2.67GHz	4969	751	NA	NA
Intel Core i7-875K @ 2.93GHz	5445	673	27.23	\$199.99
Intel Core i7-880 @ 3.07GHz	5601	649	9.61	\$583.00*
Intel Core i7-920 @ 2.67GHz	4929	760	28.33	\$174.00
Intel Core i7-920XM @ 2.00GHz	3767	984	9.42	\$399.95*
Intel Core i7-930 @ 2.80GHz	5145	714	85.78	\$59.99*
Intel Core i7-940 @ 2.93GHz	5360	686	75.82	\$70.70
Intel Core i7-940XM @ 2.13GHz	3942	946	NA	NA
Intel Core i7-950 @ 3.07GHz	5558	655	22.69	\$245.00
Intel Core i7-960 @ 3.20GHz	5819	624	58.20	\$99.99
Intel Core i7-965 @ 3.20GHz	5857	619	41.84	\$139.99
Intel Core i7-970 @ 3.20GHz	8394	387	55.97	\$149.98
Intel Core i7-975 @ 3.33GHz	6135	591	34.09	\$179.99
Intel Core i7-980 @ 3.33GHz	8672	373	43.37	\$199.98
Intel Core i7-980X @ 3.33GHz	8791	360	39.96	\$219.98
Intel Core i7-985 @ 3.47GHz	6641	543	NA	NA
Intel Core i7-990X @ 3.47GHz	9095	332	25.99	\$349.99
Intel Core i7-995X @ 3.60GHz	9791	274	NA	NA
Intel Core i7-2600 @ 3.40GHz	8197	402	54.66	\$149.98
Intel Core i7-2600K @ 3.40GHz	8449	383	42.68	\$197.99
Intel Core i7-2600S @ 2.80GHz	7073	505	35.37	\$199.99
Intel Core i7-2610UE @ 1.50GHz	2481	1374	NA	NA
Intel Core i7-2617M @ 1.50GHz	2818	1256	NA	NA
Intel Core i7-2620M @ 2.70GHz	3836	963	21.41	\$179.21*
Intel Core i7-2630QM @ 2.00GHz	5535	659	51.14	\$108.24*
Intel Core i7-2630UM @ 1.60GHz	2584	1334	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5456	668	NA	NA
Intel Core i7-2637M @ 1.70GHz	2906	1230	NA	NA
Intel Core i7-2640M @ 2.80GHz	3935	949	21.16	\$185.97
Intel Core i7-2655LE @ 2.20GHz	3161	1146	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5889	616	42.37	\$139.00*
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core i7-2675QM @ 2.20GHz	5541	658	NA	NA
Intel Core i7-2677M @ 1.80GHz	2828	1251	NA	NA
Intel Core i7-2700K @ 3.50GHz	8718	366	43.60	\$199.99
Intel Core i7-2710QE @ 2.10GHz	5768	630	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	685	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6115	594	32.20	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6578	550	47.01	\$139.95
Intel Core i7-2820QM @ 2.30GHz	6641	544	26.46	\$251.04*
Intel Core i7-2840QM @ 2.40GHz	6766	531	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6990	513	11.65	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7033	509	11.55	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7216	490	17.60	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3590	1026	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1095	NA	NA
Intel Core i7-3520M @ 2.90GHz	4539	833	19.32	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3848	960	NA	NA
Intel Core i7-3540M @ 3.00GHz	4654	803	10.83	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	4130	911	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	562	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7469	465	18.67	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6562	551	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6827	526	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	477	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7373	475	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7586	456	31.74	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6939	517	20.71	\$335.00*
Intel Core i7-3635QM @ 2.40GHz	6675	540	NA	NA
Intel Core i7-3667U @ 2.00GHz	3990	935	NA	NA
Intel Core i7-3687U @ 2.10GHz	4174	901	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1122	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8125	408	22.63	\$359.00*
Intel Core i7-3740QM @ 2.70GHz	8329	390	34.71	\$239.95
Intel Core i7-3770 @ 3.40GHz	9293	317	51.92	\$178.99
Intel Core i7-3770K @ 3.50GHz	9523	294	38.40	\$247.99
Intel Core i7-3770S @ 3.10GHz	8880	353	44.41	\$199.99
Intel Core i7-3770T @ 2.50GHz	8203	400	24.86	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9002	344	45.01	\$199.99
Intel Core i7-3820QM @ 2.70GHz	8445	384	17.34	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8785	361	26.23	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9153	326	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	12000	180	30.08	\$398.98
Intel Core i7-3940XM @ 3.00GHz	9315	315	17.28	\$539.00
Intel Core i7-3960X @ 3.30GHz	12624	164	15.78	\$799.99
Intel Core i7-3970X @ 3.50GHz	12671	162	13.28	\$953.99
Intel Core i7-4500U @ 1.80GHz	3791	978	NA	NA
Intel Core i7-4510U @ 2.00GHz	3933	950	NA	NA
Intel Core i7-4550U @ 1.50GHz	3713	999	NA	NA
Intel Core i7-4558U @ 2.80GHz	4373	862	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	873	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core i7-4578U @ 3.00GHz	4758	788	NA	NA
Intel Core i7-4600M @ 2.90GHz	4873	766	NA	NA
Intel Core i7-4600U @ 2.10GHz	4102	915	NA	NA
Intel Core i7-4610M @ 3.00GHz	4982	750	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	991	NA	NA
Intel Core i7-4650U @ 1.70GHz	3965	939	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	493	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7731	443	20.19	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7694	447	40.71	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7481	464	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7132	497	21.21	\$336.25*
Intel Core i7-4710HQ @ 2.50GHz	7739	442	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7993	424	29.44	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7512	459	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7180	494	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8004	422	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	417	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8280	395	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	377	NA	NA
Intel Core i7-4765T @ 2.00GHz	7312	480	18.28	\$399.99
Intel Core i7-4770 @ 3.40GHz	9786	276	40.78	\$239.99
Intel Core i7-4770HQ @ 2.20GHz	8948	348	NA	NA
Intel Core i7-4770K @ 3.50GHz	10099	248	35.44	\$284.99
Intel Core i7-4770R @ 3.20GHz	9828	273	NA	NA
Intel Core i7-4770S @ 3.10GHz	9339	313	37.36	\$249.99
Intel Core i7-4770T @ 2.50GHz	8634	375	21.59	\$399.99
Intel Core i7-4770TE @ 2.30GHz	6615	547	NA	NA
Intel Core i7-4771 @ 3.50GHz	9876	272	32.92	\$299.99
Intel Core i7-4785T @ 2.20GHz	7606	455	NA	NA
Intel Core i7-4790 @ 3.60GHz	9991	260	35.81	\$278.99
Intel Core i7-4790K @ 4.00GHz	11183	193	36.43	\$306.99
Intel Core i7-4790S @ 3.20GHz	9559	293	23.90	\$399.98
Intel Core i7-4790T @ 2.70GHz	9094	333	25.33	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8496	380	16.66	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8641	374	20.33	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9721	283	19.44	\$499.99
Intel Core i7-4850HQ @ 2.30GHz	9016	342	20.77	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7931	428	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9248	320	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9360	311	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9032	339	15.40	\$586.67
Intel Core i7-4910MQ @ 2.90GHz	9414	307	20.47	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13021	153	32.64	\$398.98
Intel Core i7-4930MX @ 3.00GHz	9479	297	8.65	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9895	267	16.22	\$609.95*
Intel Core i7-4960HQ @ 2.60GHz	9777	278	15.69	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13799	136	17.92	\$769.99
Intel Core i7-4980HQ @ 2.80GHz	10253	236	NA	NA
Intel Core i7-5500U @ 2.40GHz	3972	938	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core i7-5550U @ 2.00GHz	4271	882	NA	NA
Intel Core i7-5557U @ 3.10GHz	4943	757	7.01	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4315	876	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	892	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	404	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	398	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8368	388	NA	NA
Intel Core i7-5775C @ 3.30GHz	10997	204	24.44	\$449.99
Intel Core i7-5775R @ 3.30GHz	10848	209	NA	NA
Intel Core i7-5820K @ 3.30GHz	12994	154	43.32	\$299.99
Intel Core i7-5850HQ @ 2.70GHz	9459	302	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13640	140	27.34	\$498.98
Intel Core i7-5950HQ @ 2.90GHz	10932	206	NA	NA
Intel Core i7-5960X @ 3.00GHz	15952	89	20.72	\$769.99
Intel Core i7-6498DU @ 2.50GHz	4538	834	NA	NA
Intel Core i7-6500U @ 2.50GHz	4427	848	NA	NA
Intel Core i7-6560U @ 2.20GHz	4818	778	NA	NA
Intel Core i7-6567U @ 3.30GHz	5648	645	NA	NA
Intel Core i7-6600U @ 2.60GHz	4805	782	NA	NA
Intel Core i7-6650U @ 2.20GHz	4946	756	NA	NA
Intel Core i7-6700 @ 3.40GHz	10008	259	23.08	\$433.70
Intel Core i7-6700HQ @ 2.60GHz	8136	406	21.52	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11112	195	33.17	\$334.99
Intel Core i7-6700T @ 2.80GHz	9035	338	26.12	\$345.99*
Intel Core i7-6700TE @ 2.40GHz	8712	367	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9716	284	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13592	144	32.36	\$419.99
Intel Core i7-6820EQ @ 2.80GHz	8968	345	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9131	328	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8775	362	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	570	NA	NA
Intel Core i7-6850K @ 3.60GHz	14369	121	26.13	\$549.99
Intel Core i7-6900K @ 3.20GHz	17704	58	14.75	\$1,199.98
Intel Core i7-6920HQ @ 2.90GHz	9615	288	16.93	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19974	34	12.67	\$1,575.99
Intel Core i7-7500U @ 2.70GHz	5174	711	NA	NA
Intel Core i7-7560U @ 2.40GHz	5872	617	NA	NA
Intel Core i7-7567U @ 3.50GHz	6511	556	NA	NA
Intel Core i7-7600U @ 2.80GHz	5426	676	NA	NA
Intel Core i7-7660U @ 2.50GHz	6025	603	NA	NA
Intel Core i7-7700 @ 3.60GHz	10755	211	31.73	\$338.95
Intel Core i7-7700HQ @ 2.80GHz	8844	357	NA	NA
Intel Core i7-7700K @ 4.20GHz	12043	178	32.55	\$369.99
Intel Core i7-7700T @ 2.90GHz	9154	325	23.89	\$383.15
Intel Core i7-7740X @ 4.30GHz	12248	172	35.10	\$348.99
Intel Core i7-7800X @ 3.50GHz	14516	116	39.23	\$369.99
Intel Core i7-7820HK @ 2.90GHz	10050	256	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9400	310	24.87	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18546	48	20.61	\$899.99
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Core i7-7900X @ 3.30GHz	19685	40	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10089	250	NA	NA
Intel Core i7-8086K @ 4.00GHz	16848	68	30.47	\$552.96*
Intel Core i7-8550U @ 1.80GHz	8329	391	NA	NA
Intel Core i7-8559U @ 2.70GHz	11863	184	NA	NA
Intel Core i7-8565U @ 1.80GHz	9214	321	NA	NA
Intel Core i7-8650U @ 1.90GHz	8891	352	NA	NA
Intel Core i7-8700 @ 3.20GHz	15158	101	32.96	\$459.95
Intel Core i7-8700K @ 3.70GHz	15969	88	42.47	\$375.99
Intel Core i7-8700T @ 2.40GHz	12490	167	37.12	\$336.52
Intel Core i7-8705G @ 3.10GHz	10119	246	NA	NA
Intel Core i7-8706G @ 3.10GHz	10591	220	NA	NA
Intel Core i7-8750H @ 2.20GHz	12548	165	31.77	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11039	202	NA	NA
Intel Core i7-8850H @ 2.60GHz	13323	149	33.73	\$395.00*
Intel Core i9-7900X @ 3.30GHz	21994	19	17.25	\$1,275.00
Intel Core i9-7920X @ 2.90GHz	23270	14	21.16	\$1,099.99
Intel Core i9-7940X @ 3.10GHz	25438	6	16.41	\$1,550.56
Intel Core i9-7960X @ 2.80GHz	25675	5	14.19	\$1,809.99
Intel Core i9-7980XE @ 2.60GHz	27766	2	14.61	\$1,899.99
Intel Core i9-8950HK @ 2.90GHz	14653	111	25.14	\$583.00*
Intel Core m3-6Y30 @ 0.90GHz	3051	1178	NA	NA
Intel Core m3-7Y30 @ 1.00GHz	3529	1043	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3527	1044	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3361	1088	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3232	1117	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3490	1052	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2737	1289	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1405	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2815	1258	10.02	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2648	1312	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2470	1376	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1189	NA	NA
Intel Core M-5Y71 @ 1.20GHz	3004	1196	10.69	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2471	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2465	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2383	NA	NA
Intel Core Solo U1300 @ 1.06GHz	271	2628	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2620	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2541	NA	NA
Intel E3000 @ 3.40GHz	2767	1275	NA	NA
Intel Pentium 4 1.40GHz	164	2728	NA	NA
Intel Pentium 4 1.50GHz	131	2745	NA	NA
Intel Pentium 4 1.60GHz	129	2747	NA	NA
Intel Pentium 4 1.70GHz	132	2744	NA	NA
Intel Pentium 4 1.80GHz	160	2731	NA	NA
Intel Pentium 4 1.90GHz	159	2732	NA	NA
Intel Pentium 4 2.00GHz	189	2710	NA	NA
Intel Pentium 4 2.20GHz	210	2691	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Pentium 4 2.26GHz	221	2680	NA	NA
Intel Pentium 4 2.40GHz	228	2673	NA	NA
Intel Pentium 4 2.50GHz	245	2658	NA	NA
Intel Pentium 4 2.53GHz	248	2654	NA	NA
Intel Pentium 4 2.60GHz	288	2599	NA	NA
Intel Pentium 4 2.66GHz	254	2645	NA	NA
Intel Pentium 4 2.80GHz	321	2547	NA	NA
Intel Pentium 4 2.93GHz	297	2583	NA	NA
Intel Pentium 4 3.00GHz	353	2517	NA	NA
Intel Pentium 4 3.06GHz	346	2523	NA	NA
Intel Pentium 4 3.20GHz	374	2487	NA	NA
Intel Pentium 4 3.40GHz	396	2467	NA	NA
Intel Pentium 4 3.46GHz	487	2363	NA	NA
Intel Pentium 4 3.60GHz	488	2362	NA	NA
Intel Pentium 4 3.73GHz	486	2366	NA	NA
Intel Pentium 4 3.80GHz	485	2369	NA	NA
Intel Pentium 4 3.83GHz	195	2705	NA	NA
Intel Pentium 4 4.00GHz	184	2716	NA	NA
Intel Pentium 4 1300MHz	119	2751	NA	NA
Intel Pentium 4 1400MHz	127	2748	NA	NA
Intel Pentium 4 1500MHz	125	2749	NA	NA
Intel Pentium 4 1600MHz	193	2709	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2735	NA	NA
Intel Pentium 4 1800MHz	162	2730	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2738	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2704	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2721	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2693	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2724	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2692	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2699	NA	NA
Intel Pentium 5 2.66GHz	705	2244	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2023	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1157	1991	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	1997	NA	NA
Intel Pentium 987 @ 1.50GHz	1226	1952	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	1854	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1287	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1187	NA	NA
Intel Pentium 2020M @ 2.40GHz	2283	1449	17.04	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2417	1393	18.04	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1661	1733	12.40	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1819	1653	13.58	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2048	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2304	1434	NA	NA
Intel Pentium 3556U @ 1.70GHz	1700	1708	NA	NA
Intel Pentium 3558U @ 1.70GHz	1686	1717	NA	NA
Intel Pentium 3560M @ 2.40GHz	2240	1467	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1932	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Pentium 3805U @ 1.90GHz	1980	1569	NA	NA
Intel Pentium 3825U @ 1.90GHz	2526	1354	NA	NA
Intel Pentium 4405U @ 2.10GHz	2928	1221	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1537	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2056	1540	12.78	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3154	1150	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2189	1487	13.60	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1762	NA	NA
Intel Pentium B940 @ 2.00GHz	1724	1692	57.59	\$29.94*
Intel Pentium B950 @ 2.10GHz	1718	1694	NA	NA
Intel Pentium B960 @ 2.20GHz	1850	1634	37.78	\$48.99*
Intel Pentium B970 @ 2.30GHz	1961	1577	38.46	\$50.99*
Intel Pentium B980 @ 2.40GHz	2045	1542	29.24	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	972	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	535	2330	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2273	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2303	NA	NA
Intel Pentium D 940 @ 3.20GHz	709	2241	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2225	NA	NA
Intel Pentium D 960 @ 3.60GHz	817	2192	NA	NA
Intel Pentium E2140 @ 1.60GHz	868	2165	5.50	\$157.95
Intel Pentium E2160 @ 1.80GHz	997	2085	76.99	\$12.95
Intel Pentium E2180 @ 2.00GHz	1087	2030	54.43	\$19.99
Intel Pentium E2200 @ 2.20GHz	1203	1965	16.05	\$75.00
Intel Pentium E2210 @ 2.20GHz	1174	1977	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	1886	8.43	\$157.95
Intel Pentium E5200 @ 2.50GHz	1487	1816	14.87	\$99.99
Intel Pentium E5300 @ 2.60GHz	1539	1790	99.95	\$15.40
Intel Pentium E5400 @ 2.70GHz	1597	1769	79.94	\$19.99
Intel Pentium E5500 @ 2.80GHz	1638	1745	81.96	\$19.99
Intel Pentium E5700 @ 3.00GHz	1738	1685	115.99	\$14.99
Intel Pentium E5800 @ 3.20GHz	1898	1609	63.29	\$29.99
Intel Pentium E6300 @ 2.80GHz	1708	1700	3.02	\$565.00
Intel Pentium E6500 @ 2.93GHz	1760	1671	11.14	\$157.95
Intel Pentium E6600 @ 3.06GHz	1876	1623	18.76	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1945	1585	37.49	\$51.90
Intel Pentium E6800 @ 3.33GHz	1977	1570	39.56	\$49.99
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2148	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2106	NA	NA
Intel Pentium G620 @ 2.60GHz	2292	1442	91.75	\$24.99
Intel Pentium G620T @ 2.20GHz	2028	1548	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2373	1411	94.96	\$24.99
Intel Pentium G630T @ 2.30GHz	2122	1512	26.54	\$79.99*
Intel Pentium G640 @ 2.80GHz	2534	1352	101.42	\$24.99
Intel Pentium G640T @ 2.40GHz	1911	1598	NA	NA
Intel Pentium G645 @ 2.90GHz	2585	1333	27.22	\$95.00
Intel Pentium G645T @ 2.50GHz	2289	1444	NA	NA
Intel Pentium G840 @ 2.80GHz	2561	1343	73.20	\$34.99*
Intel Pentium G850 @ 2.90GHz	2666	1307	88.90	\$29.99
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Pentium G860 @ 3.00GHz	2748	1286	91.66	\$29.99
Intel Pentium G870 @ 3.10GHz	2826	1252	29.14	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2602	1328	74.59	\$34.89
Intel Pentium G2020 @ 2.90GHz	2763	1277	84.09	\$32.86
Intel Pentium G2020T @ 2.50GHz	2466	1377	51.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2877	1242	70.19	\$40.99
Intel Pentium G2030T @ 2.60GHz	2490	1369	38.91	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1264	NA	NA
Intel Pentium G2120 @ 3.10GHz	3081	1169	51.37	\$59.99
Intel Pentium G2130 @ 3.20GHz	3213	1127	64.28	\$49.99
Intel Pentium G2140 @ 3.30GHz	3384	1081	67.71	\$49.99
Intel Pentium G3220 @ 3.00GHz	3135	1154	26.14	\$119.95
Intel Pentium G3220T @ 2.60GHz	2608	1325	37.27	\$69.99
Intel Pentium G3240 @ 3.10GHz	3171	1139	39.64	\$79.99
Intel Pentium G3240T @ 2.70GHz	2874	1243	NA	NA
Intel Pentium G3250 @ 3.20GHz	3254	1109	29.59	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2969	1206	33.00	\$89.99
Intel Pentium G3258 @ 3.20GHz	3892	952	21.83	\$178.28
Intel Pentium G3260 @ 3.30GHz	3377	1083	32.17	\$104.99
Intel Pentium G3260T @ 2.90GHz	2914	1227	32.39	\$89.99
Intel Pentium G3320TE @ 2.30GHz	2389	1403	NA	NA
Intel Pentium G3420 @ 3.20GHz	3406	1072	30.97	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1192	28.58	\$105.25*
Intel Pentium G3430 @ 3.30GHz	3395	1079	37.74	\$89.99
Intel Pentium G3440 @ 3.30GHz	3304	1100	20.66	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1163	NA	NA
Intel Pentium G3450 @ 3.40GHz	3703	1004	37.04	\$99.99
Intel Pentium G3450T @ 2.90GHz	2967	1208	NA	NA
Intel Pentium G3460 @ 3.50GHz	3593	1025	12.47	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3706	1001	35.54	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3562	1034	67.95	\$52.42
Intel Pentium G4400T @ 2.90GHz	3221	1121	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1240	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3791	977	44.48	\$85.26
Intel Pentium G4500T @ 3.00GHz	3471	1058	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	898	37.97	\$110.22
Intel Pentium G4560 @ 3.50GHz	4874	765	47.27	\$103.12
Intel Pentium G4560T @ 2.90GHz	4047	920	40.48	\$99.99
Intel Pentium G4600 @ 3.60GHz	5097	723	63.72	\$80.00
Intel Pentium G4600T @ 3.00GHz	4272	880	42.97	\$99.44*
Intel Pentium G4620 @ 3.70GHz	5205	707	49.17	\$105.86*
Intel Pentium G6950 @ 2.80GHz	1859	1629	46.49	\$39.99
Intel Pentium G6951 @ 2.80GHz	2140	1501	22.77	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2101	1522	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5233	706	43.61	\$120.00
Intel Pentium Gold G5400T @ 3.10GHz	5048	737	78.89	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5248	704	52.31	\$100.32*
Intel Pentium Gold G5500T @ 3.20GHz	4577	825	61.03	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5770	629	57.19	\$100.90
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Pentium III 933S @ 933MHz	238	2666	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2604	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2619	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2564	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2584	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2581	NA	NA
Intel Pentium III Mobile 750MHz	103	2754	NA	NA
Intel Pentium III Mobile 800MHz	182	2719	NA	NA
Intel Pentium III Mobile 866MHz	152	2736	NA	NA
Intel Pentium III Mobile 933MHz	218	2682	7.55	\$28.99*
Intel Pentium III Mobile 1000MHz	245	2657	NA	NA
Intel Pentium III Mobile 1066MHz	246	2656	NA	NA
Intel Pentium III Mobile 1133MHz	251	2651	NA	NA
Intel Pentium III Mobile 1200MHz	262	2637	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1642	NA	NA
Intel Pentium J2900 @ 2.41GHz	1962	1576	NA	NA
Intel Pentium J3710 @ 1.60GHz	1952	1580	NA	NA
Intel Pentium J4205 @ 1.50GHz	2302	1438	NA	NA
Intel Pentium M 1.10GHz	282	2610	NA	NA
Intel Pentium M 1.20GHz	298	2582	NA	NA
Intel Pentium M 1.30GHz	301	2575	NA	NA
Intel Pentium M 1.40GHz	345	2526	NA	NA
Intel Pentium M 1.50GHz	366	2501	NA	NA
Intel Pentium M 1.60GHz	364	2506	NA	NA
Intel Pentium M 1.70GHz	406	2451	NA	NA
Intel Pentium M 1.73GHz	413	2440	NA	NA
Intel Pentium M 1.80GHz	409	2445	NA	NA
Intel Pentium M 1.86GHz	438	2418	NA	NA
Intel Pentium M 2.00GHz	464	2388	NA	NA
Intel Pentium M 2.10GHz	448	2405	NA	NA
Intel Pentium M 2.13GHz	505	2350	NA	NA
Intel Pentium M 2.26GHz	509	2348	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2374	NA	NA
Intel Pentium M 900MHz	217	2685	NA	NA
Intel Pentium M 1000MHz	233	2670	NA	NA
Intel Pentium M 1100MHz	259	2641	NA	NA
Intel Pentium M 1200MHz	237	2667	NA	NA
Intel Pentium M 1300MHz	303	2570	NA	NA
Intel Pentium M 1400MHz	321	2548	NA	NA
Intel Pentium M 1500MHz	354	2514	NA	NA
Intel Pentium M 1600MHz	332	2538	NA	NA
Intel Pentium M 1700MHz	376	2486	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1799	NA	NA
Intel Pentium N3520 @ 2.16GHz	1800	1658	NA	NA
Intel Pentium N3530 @ 2.16GHz	1897	1611	NA	NA
Intel Pentium N3540 @ 2.16GHz	1931	1589	7.70	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1835	1646	4.13	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1870	1626	NA	NA
Intel Pentium N4200 @ 1.10GHz	2015	1555	10.26	\$196.49
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Pentium P6000 @ 1.87GHz	1247	1945	NA	NA
Intel Pentium P6100 @ 2.00GHz	1327	1890	110.60	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1347	1879	29.98	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1860	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2987	1202	13.59	\$219.92*
Intel Pentium SU2700 @ 1.30GHz	407	2449	NA	NA
Intel Pentium SU4100 @ 1.30GHz	859	2170	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2178	NA	NA
Intel Pentium T2060 @ 1.60GHz	662	2262	NA	NA
Intel Pentium T2080 @ 1.73GHz	707	2243	4.42	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2240	NA	NA
Intel Pentium T2310 @ 1.46GHz	730	2230	NA	NA
Intel Pentium T2330 @ 1.60GHz	834	2186	NA	NA
Intel Pentium T2370 @ 1.73GHz	842	2180	24.08	\$35.00*
Intel Pentium T2390 @ 1.86GHz	942	2125	NA	NA
Intel Pentium T2410 @ 2.00GHz	996	2086	NA	NA
Intel Pentium T3200 @ 2.00GHz	1034	2058	86.20	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1114	2009	12.39	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1148	1995	95.71	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1235	1948	NA	NA
Intel Pentium T4400 @ 2.20GHz	1282	1918	NA	NA
Intel Pentium T4500 @ 2.30GHz	1336	1885	NA	NA
Intel Pentium U5400 @ 1.20GHz	812	2196	NA	NA
Intel Pentium U5600 @ 1.33GHz	943	2124	NA	NA
Intel T1200 @ 1.50GHz	435	2424	NA	NA
Intel T1400 @ 1.73GHz	929	2134	NA	NA
Intel T1500 @ 1.86GHz	940	2127	NA	NA
Intel T2050 @ 2.00GHz	959	2115	NA	NA
Intel Xeon 2.00GHz	233	2669	NA	NA
Intel XEON 2.20GHz	252	2648	NA	NA
Intel Xeon 2.40GHz	276	2622	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2423	NA	NA
Intel Xeon 2.80GHz	400	2462	NA	NA
Intel Xeon 3.00GHz	391	2474	NA	NA
Intel Xeon 3.06GHz	491	2358	NA	NA
Intel Xeon 3.20GHz	461	2393	NA	NA
Intel Xeon 3.40GHz	478	2377	NA	NA
Intel Xeon 3.60GHz	509	2347	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2055	NA	NA
Intel Xeon 3.80GHz	604	2292	0.71	\$851.00*
Intel Xeon 1500MHz	193	2708	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1917	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1313	1895	8.32	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1801	9.62	\$157.95*
Intel Xeon 3065 @ 2.33GHz	1504	1810	71.99	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1776	1665	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1641	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1782	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2039	6.75	\$159.95*
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Xeon 5120 @ 1.86GHz	1248	1943	0.77	\$1,627.85
Intel Xeon 5130 @ 2.00GHz	1378	1863	103.95	\$13.26*
Intel Xeon 5133 @ 2.20GHz	1598	1767	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1744	50.57	\$32.42*
Intel Xeon 5148 @ 2.33GHz	1590	1772	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1747	1679	3.83	\$455.95*
Intel Xeon 5160 @ 3.00GHz	1964	1575	153.27	\$12.82
Intel Xeon @ 2.20GHz	1902	1603	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5446	672	21.70	\$251.00*
Intel Xeon D-1518 @ 2.20GHz	5322	694	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	632	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	515	NA	NA
Intel Xeon D-1528 @ 1.90GHz	7946	426	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	282	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	444	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	222	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11056	200	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	414	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14693	110	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13950	130	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8095	412	38.01	\$213.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	134	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18252	53	10.35	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6073	598	31.97	\$190.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6688	539	20.32	\$329.11
Intel Xeon E3-1220 v3 @ 3.10GHz	7094	502	29.31	\$242.02
Intel Xeon E3-1220 v5 @ 3.00GHz	7745	441	31.40	\$246.65
Intel Xeon E3-1220 v6 @ 3.00GHz	8055	413	37.47	\$214.99
Intel Xeon E3-1220L @ 2.20GHz	3563	1033	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	850	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1519	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5909	613	33.77	\$175.00*
Intel Xeon E3-1225 V2 @ 3.20GHz	6832	525	13.49	\$506.59
Intel Xeon E3-1225 v3 @ 3.20GHz	7207	491	15.72	\$458.34*
Intel Xeon E3-1225 v5 @ 3.30GHz	7804	435	29.12	\$268.05
Intel Xeon E3-1225 v6 @ 3.30GHz	8294	394	35.30	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7530	458	11.80	\$638.00
Intel Xeon E3-1230 @ 3.20GHz	7848	432	36.50	\$215.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8856	355	25.15	\$352.10
Intel Xeon E3-1230 v3 @ 3.30GHz	9325	314	35.64	\$261.66*
Intel Xeon E3-1230 v5 @ 3.40GHz	9778	277	32.20	\$303.67
Intel Xeon E3-1230 v6 @ 3.50GHz	9947	264	36.84	\$269.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	488	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9629	287	20.06	\$479.97*
Intel Xeon E3-1235 @ 3.20GHz	7680	448	31.48	\$244.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	561	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7958	425	32.62	\$244.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9139	327	16.93	\$539.95
Intel Xeon E3-1240 v3 @ 3.40GHz	9688	286	25.21	\$384.40*
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Xeon E3-1240 v5 @ 3.50GHz	10407	227	30.46	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10148	242	35.00	\$289.99
Intel Xeon E3-1240L v3 @ 2.00GHz	7510	460	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	437	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10017	258	12.93	\$775.00
Intel Xeon E3-1245 @ 3.30GHz	8019	419	31.45	\$255.00*
Intel Xeon E3-1245 V2 @ 3.40GHz	9118	330	15.01	\$607.59
Intel Xeon E3-1245 v3 @ 3.40GHz	9577	290	28.17	\$339.95*
Intel Xeon E3-1245 v5 @ 3.50GHz	10217	237	29.59	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10580	221	34.13	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9879	271	11.90	\$830.00
Intel Xeon E3-1260L @ 2.40GHz	6534	554	76.32	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10083	251	24.84	\$406.00
Intel Xeon E3-1265L @ 2.40GHz	6038	601	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7785	438	54.67	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	8722	365	12.29	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	337	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	431	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	369	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8239	397	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9473	299	33.57	\$282.22
Intel Xeon E3-1270 v3 @ 3.50GHz	9890	269	26.73	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10334	230	29.53	\$349.99
Intel Xeon E3-1270 v6 @ 3.80GHz	11115	194	31.76	\$349.99
Intel Xeon E3-1271 v3 @ 3.60GHz	10075	253	22.10	\$456.00
Intel Xeon E3-1275 @ 3.40GHz	8348	389	27.46	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9339	312	23.66	\$394.72
Intel Xeon E3-1275 v3 @ 3.50GHz	9891	268	24.67	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10380	229	19.55	\$531.00
Intel Xeon E3-1275 v6 @ 3.80GHz	11099	197	30.16	\$367.97
Intel Xeon E3-1275L v3 @ 2.70GHz	8827	359	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10171	240	8.11	\$1,254.00
Intel Xeon E3-1280 @ 3.50GHz	8473	381	23.03	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9465	301	6.26	\$1,512.82*
Intel Xeon E3-1280 v3 @ 3.60GHz	9747	281	13.98	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	217	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	190	22.22	\$511.69*
Intel Xeon E3-1281 v3 @ 3.70GHz	10295	233	11.73	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10256	235	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10641	218	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	182	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	261	12.35	\$808.02
Intel Xeon E3-1285L v4 @ 3.40GHz	11048	201	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	266	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	10129	243	13.09	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	368	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9749	280	11.02	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	504	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8911	351	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Xeon E3-1505M v6 @ 3.00GHz	9883	270	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	224	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9306	316	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10625	219	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10451	226	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10727	214	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10743	213	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10689	215	24.02	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	479	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	468	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5549	657	33.64	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6165	588	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6420	571	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5859	618	266.47	\$21.99*
Intel Xeon E5-1607 v2 @ 3.00GHz	6193	585	19.79	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6931	519	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	485	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9069	336	27.49	\$329.93*
Intel Xeon E5-1620 v2 @ 3.70GHz	9455	303	28.74	\$329.00*
Intel Xeon E5-1620 v3 @ 3.50GHz	9758	279	27.21	\$358.70*
Intel Xeon E5-1620 v4 @ 3.50GHz	9969	262	32.58	\$305.95
Intel Xeon E5-1630 v3 @ 3.70GHz	10280	234	17.20	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10302	232	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11752	186	67.16	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12709	160	19.71	\$644.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13614	143	20.50	\$663.97
Intel Xeon E5-1650 v4 @ 3.60GHz	14230	123	22.59	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12369	169	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13686	138	7.57	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14541	115	9.00	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16192	83	NA	NA
Intel Xeon E5-1680 v2 @ 3.00GHz	16345	77	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16633	71	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	63	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	54	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1045	10.84	\$324.97*
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1069	15.34	\$222.84*
Intel Xeon E5-2407 @ 2.20GHz	3872	958	11.56	\$335.04
Intel Xeon E5-2407 v2 @ 2.40GHz	4575	826	9.61	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	708	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	507	18.06	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8629	376	14.88	\$579.95*
Intel Xeon E5-2430 @ 2.20GHz	6878	523	9.44	\$728.95*
Intel Xeon E5-2430 v2 @ 2.50GHz	8833	358	15.77	\$559.99
Intel Xeon E5-2430L @ 2.00GHz	7269	484	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	545	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	323	177.95	\$51.58
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	305	18.48	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	346	6.29	\$1,424.00*
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Xeon E5-2450 @ 2.10GHz	10186	239	14.10	\$722.22*
Intel Xeon E5-2450L @ 1.80GHz	8261	396	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	10061	255	31.77	\$316.72*
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	156	5.70	\$2,250.00*
Intel Xeon E5-2603 @ 1.80GHz	3580	1030	128.62	\$27.84*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	985	108.66	\$34.66
Intel Xeon E5-2603 v3 @ 1.60GHz	5165	712	14.47	\$356.89
Intel Xeon E5-2603 v4 @ 1.70GHz	5451	670	23.70	\$229.99*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	430	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4608	816	59.08	\$78.00*
Intel Xeon E5-2609 v2 @ 2.50GHz	5124	717	10.05	\$509.95
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	609	9.60	\$618.71
Intel Xeon E5-2609 v4 @ 1.70GHz	6917	520	19.23	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	174	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	114	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7925	429	77.70	\$102.00
Intel Xeon E5-2620 v2 @ 2.10GHz	8694	370	180.24	\$48.24
Intel Xeon E5-2620 v3 @ 2.40GHz	10019	257	14.10	\$710.54*
Intel Xeon E5-2620 v4 @ 2.10GHz	11346	191	26.70	\$425.00
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	350	22.07	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8188	403	14.91	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	309	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	181	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13268	150	9.73	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	203	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8859	354	71.49	\$123.93
Intel Xeon E5-2630 v2 @ 2.60GHz	10401	228	151.52	\$68.65
Intel Xeon E5-2630 v3 @ 2.40GHz	12803	158	31.23	\$409.99
Intel Xeon E5-2630 v4 @ 2.20GHz	13911	132	20.28	\$685.96
Intel Xeon E5-2630L @ 2.00GHz	8001	423	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9570	291	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9476	298	12.60	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	155	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9406	308	5.70	\$1,649.22*
Intel Xeon E5-2637 v3 @ 3.50GHz	10128	244	7.82	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	225	9.86	\$1,061.82
Intel Xeon E5-2640 @ 2.50GHz	9500	295	48.42	\$196.20
Intel Xeon E5-2640 v2 @ 2.00GHz	9904	265	94.50	\$104.81
Intel Xeon E5-2640 v3 @ 2.60GHz	14006	128	7.88	\$1,777.20
Intel Xeon E5-2640 v4 @ 2.40GHz	15331	100	15.82	\$969.34
Intel Xeon E5-2643 @ 3.30GHz	8423	385	44.57	\$189.00
Intel Xeon E5-2643 v2 @ 3.50GHz	12824	157	4.85	\$2,641.75*
Intel Xeon E5-2643 v3 @ 3.40GHz	13801	135	8.30	\$1,663.18*
Intel Xeon E5-2643 v4 @ 3.40GHz	13618	142	8.31	\$1,638.36
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	189	7.40	\$1,538.63
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	139	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14506	117	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10149	241	77.80	\$130.47
Intel Xeon E5-2650 v2 @ 2.60GHz	13074	152	24.22	\$539.90
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Xeon E5-2650 v3 @ 2.30GHz	14859	108	7.39	\$2,009.92
Intel Xeon E5-2650 v4 @ 2.20GHz	15860	90	12.40	\$1,279.07*
Intel Xeon E5-2650L @ 1.80GHz	8676	372	109.83	\$79.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13390	148	13.26	\$1,010.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	127	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	192	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	296	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	125	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	82	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	69	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11098	198	64.70	\$171.53
Intel Xeon E5-2660 v2 @ 2.20GHz	13489	146	44.30	\$304.54
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	84	8.95	\$1,808.95*
Intel Xeon E5-2660 v4 @ 2.00GHz	17069	65	9.73	\$1,755.00
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	129	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11627	188	82.17	\$141.50*
Intel Xeon E5-2667 @ 2.90GHz	10327	231	45.70	\$226.00*
Intel Xeon E5-2667 v2 @ 3.30GHz	16160	85	21.16	\$763.56*
Intel Xeon E5-2667 v3 @ 3.20GHz	16119	86	7.13	\$2,259.95*
Intel Xeon E5-2667 v4 @ 3.20GHz	16447	75	7.33	\$2,243.60
Intel Xeon E5-2670 @ 2.60GHz	12149	175	62.53	\$194.30
Intel Xeon E5-2670 v2 @ 2.50GHz	14994	107	30.66	\$489.00*
Intel Xeon E5-2670 v3 @ 2.30GHz	16619	72	10.57	\$1,572.00
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	79	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	17071	64	24.39	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21450	26	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15156	102	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17659	59	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	67	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25236	8	9.34	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12638	163	68.43	\$184.68
Intel Xeon E5-2680 v2 @ 2.80GHz	15752	95	35.03	\$449.75
Intel Xeon E5-2680 v3 @ 2.50GHz	18616	47	22.16	\$839.99
Intel Xeon E5-2680 v4 @ 2.40GHz	19867	37	11.27	\$1,762.90*
Intel Xeon E5-2682 v4 @ 2.50GHz	19526	42	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17396	61	8.76	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	45	10.77	\$1,769.00
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	106	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	44	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14381	119	23.62	\$609.00
Intel Xeon E5-2687W v2 @ 3.40GHz	16487	74	4.44	\$3,713.55*
Intel Xeon E5-2687W v3 @ 3.10GHz	17720	57	7.06	\$2,509.95
Intel Xeon E5-2687W v4 @ 3.00GHz	19933	35	8.64	\$2,307.31*
Intel Xeon E5-2689 @ 2.60GHz	13476	147	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19892	36	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13860	133	32.76	\$423.12
Intel Xeon E5-2690 v2 @ 3.00GHz	16488	73	29.18	\$565.00*
Intel Xeon E5-2690 v3 @ 2.60GHz	19295	43	8.70	\$2,218.91
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	28	9.07	\$2,350.88*
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	87	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15847	92	8.90	\$1,779.95
Intel Xeon E5-2695 v3 @ 2.30GHz	20233	32	10.07	\$2,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	31	7.87	\$2,573.17*
Intel Xeon E5-2696 v2 @ 2.50GHz	16681	70	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22548	16	9.03	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21331	27	7.09	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17455	60	7.81	\$2,235.02
Intel Xeon E5-2697 v3 @ 2.60GHz	21488	25	19.07	\$1,126.70
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	23	7.67	\$2,805.00
Intel Xeon E5-2697A v4 @ 2.60GHz	21875	20	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21133	29	6.17	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	21	6.77	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22358	17	5.15	\$4,339.95
Intel Xeon E5-2699 v4 @ 2.20GHz	23200	15	5.29	\$4,386.71
Intel Xeon E5-4603 @ 2.00GHz	5014	744	2.65	\$1,890.99*
Intel Xeon E5-4617 @ 2.90GHz	8684	371	96.60	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	407	2.31	\$3,519.97*
Intel Xeon E5-4627 v3 @ 2.60GHz	14221	124	5.93	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	97	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	223	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	161	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	199	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	12085	177	126.56	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	185	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	170	2.66	\$4,616.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15556	96	3.24	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	141	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1157	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2165	1493	94.20	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1389	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1466	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1849	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1391	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1457	46.22	\$49.00
Intel Xeon E5320 @ 1.86GHz	2288	1445	8.48	\$269.95*
Intel Xeon E5335 @ 2.00GHz	2513	1359	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2923	1224	73.12	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2856	1247	10.20	\$279.95*
Intel Xeon E5410 @ 2.33GHz	3269	1106	15.79	\$207.01*
Intel Xeon E5420 @ 2.50GHz	3504	1049	13.48	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3776	982	104.91	\$36.00*
Intel Xeon E5440 @ 2.83GHz	3976	936	33.15	\$119.95*
Intel Xeon E5450 @ 3.00GHz	4201	894	18.27	\$229.95
Intel Xeon E5462 @ 2.80GHz	3884	955	142.28	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4135	910	75.47	\$54.80*
Intel Xeon E5502 @ 1.87GHz	1378	1862	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1853	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2702	1298	38.63	\$69.95
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Xeon E5506 @ 2.13GHz	2977	1205	43.16	\$69.00
Intel Xeon E5507 @ 2.27GHz	3137	1152	6.87	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4447	845	104.92	\$42.39*
Intel Xeon E5530 @ 2.40GHz	4605	817	153.53	\$30.00
Intel Xeon E5540 @ 2.53GHz	4758	787	120.78	\$39.40*
Intel Xeon E5603 @ 1.60GHz	2366	1415	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3049	1181	13.92	\$219.00
Intel Xeon E5607 @ 2.27GHz	3398	1077	10.96	\$310.00*
Intel Xeon E5620 @ 2.40GHz	4860	768	67.02	\$72.52*
Intel Xeon E5630 @ 2.53GHz	5109	719	89.25	\$57.25*
Intel Xeon E5640 @ 2.67GHz	5263	702	88.47	\$59.49*
Intel Xeon E5645 @ 2.40GHz	6492	558	72.97	\$88.98
Intel Xeon E5649 @ 2.53GHz	6936	518	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1394	NA	NA
Intel Xeon E-2146G @ 3.50GHz	16300	81	52.41	\$311.00*
Intel Xeon E-2174G @ 3.80GHz	12108	176	36.92	\$328.00*
Intel Xeon E-2176M @ 2.70GHz	13935	131	30.97	\$450.00*
Intel Xeon E-2186M @ 2.90GHz	14374	120	23.07	\$623.00*
Intel Xeon Gold 5118 @ 2.30GHz	15850	91	11.76	\$1,348.00*
Intel Xeon Gold 5120 @ 2.20GHz	16308	80	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	55	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	11104	196	8.61	\$1,289.99*
Intel Xeon Gold 6126 @ 2.60GHz	19711	39	10.52	\$1,873.14
Intel Xeon Gold 6128 @ 3.40GHz	15022	105	8.15	\$1,842.27*
Intel Xeon Gold 6130 @ 2.10GHz	20222	33	10.41	\$1,941.99
Intel Xeon Gold 6132 @ 2.60GHz	23907	13	10.71	\$2,232.81*
Intel Xeon Gold 6134 @ 3.20GHz	18083	56	7.86	\$2,299.45
Intel Xeon Gold 6136 @ 3.00GHz	21018	30	8.05	\$2,611.52
Intel Xeon Gold 6138 @ 2.00GHz	25416	7	9.48	\$2,679.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	12	9.25	\$2,589.99*
Intel Xeon Gold 6144 @ 3.50GHz	19654	41	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	9	6.96	\$3,611.23*
Intel Xeon Gold 6154 @ 3.00GHz	27722	3	7.82	\$3,543.00*
Intel Xeon L3110 @ 3.00GHz	2273	1454	NA	NA
Intel Xeon L3360 @ 2.83GHz	3820	969	42.81	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1883	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	962	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1650	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1455	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1453	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1504	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1283	72.15	\$38.20*
Intel Xeon L5408 @ 2.13GHz	3037	1185	NA	NA
Intel Xeon L5410 @ 2.33GHz	3368	1086	33.65	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3498	1050	127.22	\$27.50
Intel Xeon L5430 @ 2.66GHz	3716	997	23.53	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	998	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	858	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	868	311.73	\$13.96*
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Xeon L5630 @ 2.13GHz	4369	864	252.11	\$17.33*
Intel Xeon L5638 @ 2.00GHz	5556	656	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	524	NA	NA
Intel Xeon L5640 @ 2.27GHz	6405	572	184.32	\$34.75*
Intel Xeon L7455 @ 2.13GHz	3836	964	NA	NA
Intel Xeon MV 3.20GHz	683	2256	NA	NA
Intel Xeon Platinum 8173M @ 2.00GHz	28860	1	NA	NA
Intel Xeon Silver 4109T @ 2.00GHz	10854	208	21.67	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11870	183	21.98	\$539.99
Intel Xeon Silver 4112 @ 2.60GHz	8548	379	16.15	\$529.21*
Intel Xeon Silver 4114 @ 2.20GHz	14493	118	19.41	\$746.69*
Intel Xeon Silver 4116 @ 2.10GHz	15131	103	13.50	\$1,121.16*
Intel Xeon W3503 @ 2.40GHz	1756	1675	108.30	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1856	1630	NA	NA
Intel Xeon W3520 @ 2.67GHz	5059	733	175.98	\$28.75*
Intel Xeon W3530 @ 2.80GHz	5359	687	18.23	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	664	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5696	638	95.02	\$59.95
Intel Xeon W3565 @ 3.20GHz	5945	608	84.99	\$69.95
Intel Xeon W3570 @ 3.20GHz	6084	597	12.68	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6433	568	29.99	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8152	405	14.43	\$565.00*
Intel Xeon W3680 @ 3.33GHz	9093	334	11.97	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9181	322	9.18	\$1,000.00
Intel Xeon W5580 @ 3.20GHz	5836	622	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	586	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	7001	511	20.72	\$337.99*
Intel Xeon W-2123 @ 3.60GHz	10759	210	26.97	\$399.00
Intel Xeon W-2125 @ 4.00GHz	12391	168	25.32	\$489.29
Intel Xeon W-2133 @ 3.60GHz	14119	126	22.88	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16415	76	16.30	\$1,007.23
Intel Xeon W-2140B @ 3.20GHz	18472	52	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19844	38	15.32	\$1,294.94*
Intel Xeon W-2150B @ 3.00GHz	21522	24	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21802	22	14.25	\$1,530.39*
Intel Xeon W-2195 @ 2.30GHz	24983	10	9.17	\$2,725.06*
Intel Xeon X3210 @ 2.13GHz	2737	1290	14.74	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3091	1165	53.32	\$57.99*
Intel Xeon X3230 @ 2.66GHz	3428	1066	9.52	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3310	1098	14.43	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3155	1149	44.45	\$70.99*
Intel Xeon X3330 @ 2.66GHz	3375	1084	16.08	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3847	961	64.14	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3881	956	52.81	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3955	940	25.04	\$157.95*
Intel Xeon X3363 @ 2.83GHz	4011	928	25.40	\$157.95*
Intel Xeon X3370 @ 3.00GHz	4289	879	11.69	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	802	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3371	1085	160.16	\$21.05*
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Intel Xeon X3440 @ 2.53GHz	4553	830	20.24	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4817	779	60.25	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5117	718	14.33	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5156	713	10.11	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	643	NA	NA
Intel Xeon X5260 @ 3.33GHz	2453	1380	17.62	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2535	1351	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1402	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3218	1124	10.38	\$309.95
Intel Xeon X5365 @ 3.00GHz	3491	1051	35.09	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4126	913	68.82	\$59.96
Intel Xeon X5460 @ 3.16GHz	4340	870	90.43	\$48.00
Intel Xeon X5470 @ 3.33GHz	4611	815	24.40	\$189.00
Intel Xeon X5472 @ 3.00GHz	4040	922	17.96	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4569	827	45.70	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4829	775	3.47	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5404	681	312.95	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5399	682	96.61	\$55.89*
Intel Xeon X5570 @ 2.93GHz	5679	640	23.67	\$239.95
Intel Xeon X5647 @ 2.93GHz	5980	605	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7415	472	255.70	\$29.00
Intel Xeon X5660 @ 2.80GHz	7622	454	65.18	\$116.94*
Intel Xeon X5667 @ 3.07GHz	4722	791	67.47	\$70.00*
Intel Xeon X5670 @ 2.93GHz	7932	427	115.81	\$68.49
Intel Xeon X5672 @ 3.20GHz	6438	565	22.69	\$283.72*
Intel Xeon X5675 @ 3.07GHz	8472	382	38.69	\$218.99
Intel Xeon X5677 @ 3.47GHz	7000	512	35.44	\$197.50*
Intel Xeon X5679 @ 3.20GHz	8845	356	NA	NA
Intel Xeon X5680 @ 3.33GHz	8562	378	76.45	\$112.00
Intel Xeon X5687 @ 3.60GHz	7091	503	56.96	\$124.51
Intel Xeon X5690 @ 3.47GHz	8940	349	26.51	\$337.27
Intel Xeon X5698 @ 4.40GHz	4272	881	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1204	NA	NA
Mobile AMD Athlon 4	314	2557	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2511	NA	NA
Mobile AMD Athlon 64 2700+	398	2464	NA	NA
Mobile AMD Athlon 64 2800+	440	2413	NA	NA
Mobile AMD Athlon 64 3000+	450	2403	NA	NA
Mobile AMD Athlon 64 3200+	448	2406	NA	NA
Mobile AMD Athlon 64 3400+	511	2345	NA	NA
Mobile AMD Athlon 64 3700+	435	2425	NA	NA
Mobile AMD Athlon 64 4000+	576	2306	NA	NA
Mobile AMD Athlon 1400+	266	2633	NA	NA
Mobile AMD Athlon 2500+	370	2495	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2634	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2483	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2588	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2356	NA	NA
Mobile AMD Athlon XP	572	2311	45.81	\$12.49
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Mobile AMD Athlon XP-M	512	2344	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2717	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2638	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2642	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2545	NA	NA
Mobile AMD Athlon XP-M 1800+	312	2561	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2530	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2577	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2505	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2525	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2522	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2494	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2503	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2502	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2416	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2364	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2349	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2595	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2586	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2535	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2492	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2380	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2351	NA	NA
Mobile AMD Sempron 2100+	252	2649	NA	NA
Mobile AMD Sempron 2600+	394	2469	NA	NA
Mobile AMD Sempron 2800+	361	2508	NA	NA
Mobile AMD Sempron 3000+	389	2477	NA	NA
Mobile AMD Sempron 3100+	416	2437	NA	NA
Mobile AMD Sempron 3200+	354	2515	NA	NA
Mobile AMD Sempron 3300+	445	2409	NA	NA
Mobile AMD Sempron 3400+	440	2414	NA	NA
Mobile AMD Sempron 3500+	411	2442	NA	NA
Mobile AMD Sempron 3600+	431	2430	NA	NA
Mobile AMD Sempron 3800+	485	2370	NA	NA
Mobile Intel Celeron 1.20GHz	170	2727	NA	NA
Mobile Intel Celeron 1.50GHz	188	2711	NA	NA
Mobile Intel Celeron 1.60GHz	188	2712	NA	NA
Mobile Intel Celeron 1.70GHz	181	2720	NA	NA
Mobile Intel Celeron 1.80GHz	186	2714	NA	NA
Mobile Intel Celeron 2.00GHz	204	2696	NA	NA
Mobile Intel Celeron 2.20GHz	226	2676	NA	NA
Mobile Intel Celeron 2.40GHz	239	2664	NA	NA
Mobile Intel Celeron 2.50GHz	281	2613	NA	NA
Mobile Intel Celeron 1200MHz	294	2589	NA	NA
Mobile Intel Celeron 1333MHz	280	2616	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2621	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2636	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2618	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2555	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
Mobile Intel Pentium 4 3.06GHz	337	2533	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2512	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2417	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2378	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2706	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2726	0.77	\$225.99
Mobile Intel Pentium 4 - M 1.80GHz	175	2723	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2671	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2701	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2703	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2687	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2644	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2558	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2690	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2702	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2653	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2593	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2677	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2594	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1366	NA	NA
Quad-Core AMD Opteron 1385	3442	1064	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3427	1067	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1223	NA	NA
VIA C3 Ezra	100	2755	NA	NA
VIA C7 1500MHz	284	2605	NA	NA
VIA C7-D 1500MHz	287	2601	NA	NA
VIA C7-D 1800MHz	203	2697	NA	NA
VIA C7-D 2000MHz	368	2498	NA	NA
VIA C7-M 1000MHz	164	2729	NA	NA
VIA C7-M 1200MHz	140	2742	NA	NA
VIA C7-M 1600MHz	178	2722	NA	NA
VIA C7-M 6300MHz	222	2679	NA	NA
VIA Eden 800MHz	155	2733	NA	NA
VIA Eden 1000MHz	123	2750	NA	NA
VIA Eden 1200MHz	142	2741	NA	NA
VIA Eden C1050@1.06GHz	352	2518	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2376	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	1998	NA	NA
VIA Esther 1000MHz	146	2740	NA	NA
VIA Esther 1300MHz	250	2652	NA	NA
VIA Esther 1500MHz	219	2681	NA	NA
VIA Esther 2000MHz	394	2468	NA	NA
VIA Nano L1900@1400MHz	457	2396	NA	NA
VIA Nano L2007@1600MHz	369	2496	NA	NA
VIA Nano L2100@1800MHz	428	2432	NA	NA
VIA Nano L2207@1600MHz	296	2585	NA	NA
VIA Nano L3025@1600MHz	517	2339	NA	NA
VIA Nano L3050@1800MHz	581	2304	NA	NA
VIA Nano L3600@2000MHz	645	2270	NA	NA
CPU Name		Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Passmark CPU Mark (higher is better)				
VIA Nano U2250 (1.6GHz Capable)	377	2485	NA	NA
VIA Nano U2250@1300+MHz	274	2625	NA	NA
VIA Nano U2500@1200MHz	306	2568	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2353	NA	NA
VIA Nano U3300@1200MHz	409	2444	NA	NA
VIA Nano U3500@1000MHz	275	2623	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2290	NA	NA
VIA Nehemiah	155	2734	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1610	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1871	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1978	NA	NA
VIA Samuel 2	79	2757	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	277	24.17	\$317.40*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	112	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	378	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	384	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	430	NA	NA
[Dual CPU] AMD EPYC 7281	12720	163	8.71	\$1,460.98
[Dual CPU] AMD EPYC 7401	23518	58	5.49	\$4,284.88
[Dual CPU] AMD EPYC 7451	28957	27	5.22	\$5,552.42
[Dual CPU] AMD EPYC 7501	26884	36	3.07	\$8,766.06
[Dual CPU] AMD EPYC 7551	30966	19	4.06	\$7,626.58
[Dual CPU] AMD EPYC 7601	33545	12	3.65	\$9,194.78
[Dual CPU] AMD Opteron 246	1130	419	28.26	\$39.98
[Dual CPU] AMD Opteron 248	1053	420	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	416	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1385	417	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	425	NA	NA
[Dual CPU] AMD Opteron 256	1853	413	48.76	\$38.00
[Dual CPU] AMD Opteron 265	2010	411	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	407	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	410	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	402	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	393	NA	NA
[Dual CPU] AMD Opteron 290	2807	390	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	387	NA	NA
[Dual CPU] AMD Opteron 2212	2203	408	91.79	\$24.00*
[Dual CPU] AMD Opteron 2214	2344	403	40.41	\$58.00
[Dual CPU] AMD Opteron 2214 HE	2463	401	NA	NA
[Dual CPU] AMD Opteron 2216	2485	399	6.98	\$356.00*
[Dual CPU] AMD Opteron 2216 HE	2593	396	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2218	2719	394	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	397	NA	NA
[Dual CPU] AMD Opteron 2220	2850	388	0.97	\$2,950.32*
[Dual CPU] AMD Opteron 2220 SE	2882	386	57.64	\$50.00
[Dual CPU] AMD Opteron 2222	3008	381	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	376	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	366	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	373	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	367	7.55	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	355	6.88	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	358	148.53	\$29.90
[Dual CPU] AMD Opteron 2360 SE	5315	338	98.43	\$54.00
[Dual CPU] AMD Opteron 2373 EE	4164	364	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	351	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	339	15.70	\$333.60*
[Dual CPU] AMD Opteron 2378	5318	337	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	325	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	322	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6320	311	NA	NA
[Dual CPU] AMD Opteron 2389	5677	326	48.11	\$118.00
[Dual CPU] AMD Opteron 2419	5191	341	216.47	\$23.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2425 HE	6209	314	NA	NA
[Dual CPU] AMD Opteron 2427	5980	320	30.20	\$198.00
[Dual CPU] AMD Opteron 2431	6438	306	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7068	291	29.35	\$240.80*
[Dual CPU] AMD Opteron 2439 SE	8071	264	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	368	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	328	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	309	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	307	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7848	269	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	262	80.90	\$99.98
[Dual CPU] AMD Opteron 4228 HE	7986	265	NA	NA
[Dual CPU] AMD Opteron 4234	9361	230	20.35	\$459.98
[Dual CPU] AMD Opteron 4276 HE	9681	224	NA	NA
[Dual CPU] AMD Opteron 4280	4525	356	45.26	\$99.98
[Dual CPU] AMD Opteron 4284	8772	244	73.11	\$119.98
[Dual CPU] AMD Opteron 4334	9456	229	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	202	21.71	\$479.98
[Dual CPU] AMD Opteron 4376 HE	10244	209	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	191	40.57	\$279.98
[Dual CPU] AMD Opteron 6128	6881	296	163.91	\$41.98
[Dual CPU] AMD Opteron 6128 HE	5582	331	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	247	NA	NA
[Dual CPU] AMD Opteron 6136	7255	285	10.10	\$718.00*
[Dual CPU] AMD Opteron 6164 HE	5109	344	NA	NA
[Dual CPU] AMD Opteron 6168	7741	274	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7623	278	38.50	\$198.00
[Dual CPU] AMD Opteron 6174	8776	243	21.00	\$418.00
[Dual CPU] AMD Opteron 6176 SE	8448	252	15.30	\$552.02

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6180 SE	3114	379	NA	NA
[Dual CPU] AMD Opteron 6204	7134	288	50.96	\$139.98
[Dual CPU] AMD Opteron 6212	8955	236	149.30	\$59.98
[Dual CPU] AMD Opteron 6220	10740	198	89.51	\$119.98
[Dual CPU] AMD Opteron 6234	10079	213	72.00	\$139.98*
[Dual CPU] AMD Opteron 6238	10349	204	86.26	\$119.98
[Dual CPU] AMD Opteron 6272	9998	216	100.00	\$99.98
[Dual CPU] AMD Opteron 6274	10682	199	25.43	\$420.00*
[Dual CPU] AMD Opteron 6275	9936	219	NA	NA
[Dual CPU] AMD Opteron 6276	10194	211	63.72	\$159.98
[Dual CPU] AMD Opteron 6284 SE	11985	177	17.12	\$699.98
[Dual CPU] AMD Opteron 6308	8351	254	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10914	196	27.29	\$399.98
[Dual CPU] AMD Opteron 6328	11722	180	29.31	\$399.98
[Dual CPU] AMD Opteron 6344	11203	192	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	187	28.53	\$399.98
[Dual CPU] AMD Opteron 6376	10405	203	80.04	\$130.00
[Dual CPU] AMD Opteron 6378	2905	385	7.26	\$399.98
[Dual CPU] AMD Opteron 6380	14200	149	78.90	\$179.98
[Dual CPU] AMD Opteron 6386 SE	10764	197	35.88	\$299.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 8218	2831	389	67.40	\$42.00
[Dual CPU] AMD Opteron 8220	2510	398	NA	NA
[Dual CPU] AMD Opteron 8222 SE	2793	392	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	377	73.25	\$44.00
[Dual CPU] AMD Opteron 8380	5643	329	13.70	\$412.00*
[Dual CPU] AMD Opteron 8381 HE	5210	340	NA	NA
[Dual CPU] AMD Opteron 8389	6517	303	155.24	\$41.98*
[Dual CPU] AMD Opteron 8431	5813	323	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6781	299	47.09	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	276	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	418	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	405	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	372	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7955	266	2.20	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	439	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	437	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	433	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	435	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	440	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	441	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	438	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	436	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	431	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	687	427	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	784	426	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	429	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	857	424	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	423	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	422	0.55	\$1,702.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon 3.73GHz	1859	412	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	421	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2154	409	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	404	0.71	\$3,255.70
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2615	395	98.60	\$26.52*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	380	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2983	383	46.01	\$64.84*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	382	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3444	374	3.78	\$911.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3834	370	149.53	\$25.64
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8987	234	17.90	\$502.00*
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11646	183	15.32	\$759.98*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	315	9.55	\$649.94*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	312	14.14	\$445.68*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7486	281	11.17	\$670.08
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	233	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11628	185	14.91	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11809	178	10.18	\$1,159.90*
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	257	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	153	9.35	\$1,457.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	14171	150	12.65	\$1,119.98
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	189	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	169	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	162	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	152	9.50	\$1,444.44*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	123	18.86	\$878.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	181	45.06	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	122	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	105	4.13	\$4,500.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6326	310	113.61	\$55.68*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	302	94.06	\$69.32
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8374	253	11.73	\$713.78
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8785	242	19.10	\$459.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8228	260	52.74	\$156.00*
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8844	239	8.67	\$1,019.90
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9984	217	8.07	\$1,237.42
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10992	195	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12385	167	60.71	\$204.00
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13435	160	139.25	\$96.48
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15282	137	10.75	\$1,421.08*
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16515	124	19.43	\$850.00
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14251	148	17.59	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12367	168	11.26	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	145	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13621	156	54.95	\$247.86
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16039	128	116.82	\$137.30
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18537	106	22.61	\$819.98
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18857	104	13.74	\$1,371.92
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	193	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	154	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 E5-2630L v3 @ 1.80GHz	15183	138	10.10	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	283	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	16019	130	4.86	\$3,298.44*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16437	125	6.34	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16678	121	7.85	\$2,123.64
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14708	141	37.48	\$392.40
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14453	146	68.95	\$209.62
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20164	92	5.67	\$3,554.40
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20786	87	10.72	\$1,938.68
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13621	155	36.03	\$378.00
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21280	80	4.03	\$5,283.50*
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21083	83	6.34	\$3,326.36*
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21566	75	6.58	\$3,276.72
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	172	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	11808	179	3.99	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	111	5.88	\$3,077.26
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15001	139	57.49	\$260.94
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19028	103	17.62	\$1,079.80
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20530	89	5.11	\$4,019.84
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20452	90	7.99	\$2,558.14*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	147	91.04	\$158.00
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14703	142	35.01	\$420.00*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	86	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13319	161	4.56	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18096	110	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	100	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16368	126	47.71	\$343.06
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18347	107	30.12	\$609.08
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22617	69	6.25	\$3,617.90*
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23128	64	6.59	\$3,510.00
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	63	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17470	113	61.73	\$283.00*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	48	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17003	117	37.62	\$452.00*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22789	68	14.92	\$1,527.12*
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23109	65	5.11	\$4,519.90*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23855	55	5.32	\$4,487.20
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18247	108	46.96	\$388.60
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	21105	82	21.58	\$978.00*
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	72	7.12	\$3,144.00
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23547	57	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	62	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	24	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	93	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	76	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	23	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18209	109	49.30	\$369.36
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21468	77	23.87	\$899.50
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24963	47	14.86	\$1,679.98
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	60	6.63	\$3,525.80*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	118	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21028	84	5.30	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	46	7.06	\$3,538.00
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	73	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	37	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21000	85	17.24	\$1,218.00
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23284	61	3.14	\$7,427.10*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24160	52	4.81	\$5,019.90
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26639	38	5.77	\$4,614.62*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	96	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	40	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19921	95	23.54	\$846.24
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23780	56	21.04	\$1,130.00*
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25668	44	5.78	\$4,437.82
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27561	34	5.86	\$4,701.76*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20450	91	5.74	\$3,559.90
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	49	6.18	\$4,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	45	4.98	\$5,146.34*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23914	54	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	21	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31528	16	5.24	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23470	59	5.25	\$4,470.04
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28246	31	12.53	\$2,253.40
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30520	20	5.44	\$5,610.00
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	32	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29958	22	4.37	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	14	5.00	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	53	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	25751	43	2.97	\$8,679.90
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	11	3.88	\$8,773.42
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	88	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	99	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	132	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	101	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	97	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19127	102	100.15	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	140	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	200	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	70	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	35	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	173	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	133	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	71	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15488	134	33.24	\$466.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	215	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	406	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	369	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3566	371	36.39	\$98.00
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4149	365	7.68	\$539.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	347	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 E5335 @ 2.00GHz	4593	354	129.23	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5130	343	64.14	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5180	342	9.25	\$559.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6027	318	14.56	\$414.02*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6363	308	12.24	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6861	298	95.29	\$72.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7177	286	29.92	\$239.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7564	279	16.45	\$459.90
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7117	289	130.35	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7836	271	71.50	\$109.60*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2480	400	13.05	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	391	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4891	348	34.96	\$139.90
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5004	346	36.26	\$138.00
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5434	334	5.95	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7430	282	87.64	\$84.78*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	275	128.40	\$60.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	270	99.59	\$78.80*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4236	362	16.41	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5558	332	12.69	\$438.00
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5992	319	9.66	\$620.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8084	263	55.74	\$145.04*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8326	255	72.72	\$114.50*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8790	241	73.88	\$118.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10337	206	58.09	\$177.96
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10296	207	44.77	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	333	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	336	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	21833	74	8.16	\$2,675.98*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	51	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	81	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	21447	78	7.96	\$2,696.00*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25997	42	8.33	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17302	115	6.71	\$2,579.98*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27978	33	7.47	\$3,746.28
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22869	67	6.21	\$3,684.54*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	23057	66	5.94	\$3,883.98
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	29382	25	6.58	\$4,465.62*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	26525	39	5.77	\$4,598.90
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	28778	30	5.51	\$5,223.04
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35063	10	6.54	\$5,359.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	33297	13	6.43	\$5,179.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	29	4.89	\$5,904.00*
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28924	28	4.94	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	28993	26	4.01	\$7,222.46*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36272	5	5.90	\$6,144.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	17	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35368	9	4.70	\$7,519.98*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36493	4	5.15	\$7,086.00*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	357	71.16	\$62.80*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	361	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	349	64.02	\$76.40*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	330	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6137	316	30.66	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	305	117.60	\$55.00
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6600	300	20.89	\$315.90*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	295	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	294	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	267	284.35	\$27.92*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	293	202.14	\$34.66*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	237	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	225	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9727	223	139.96	\$69.50*
[Dual CPU] Intel Xeon MP 2.50GHz	550	432	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	434	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	428	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 MV 3.20GHz	1609	414	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	35823	7	2.32	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39514	3	3.35	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	8	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	35981	6	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	31092	18	1.55	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	16342	127	17.02	\$959.98*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16810	120	15.57	\$1,079.98
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	158	12.86	\$1,058.42*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19569	98	13.10	\$1,493.38*
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	19929	94	8.89	\$2,242.32*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	212	47.23	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	205	2.06	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	208	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4768	352	17.12	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	353	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	350	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5778	324	9.32	\$619.90
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6237	313	31.34	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7487	280	62.43	\$119.92
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7853	268	81.80	\$96.00
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8178	261	21.63	\$378.00
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7780	272	17.29	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8236	259	41.18	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8769	245	3.15	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8971	235	259.73	\$34.54*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	231	81.27	\$111.78*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9533	228	19.86	\$479.90
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	220	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11368	190	196.00	\$58.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11666	182	49.88	\$233.88*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	240	62.98	\$140.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12353	170	90.18	\$136.98
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	214	17.76	\$567.44*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12623	165	28.82	\$437.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11406	188	28.88	\$395.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	157	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13605	159	60.74	\$224.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11991	176	48.15	\$249.02
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13832	151	20.51	\$674.54
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	251	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	301	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	246	41.21	\$211.60*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	218	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	184	264.34	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	363	9.48	\$440.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	345	15.28	\$330.00*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	360	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	359	199.09	\$21.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Quad-Core AMD Opteron 8378	5382	335	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	297	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	327	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	321	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	256	NA	NA
[Quad CPU] AMD Opteron 6136	9767	221	6.80	\$1,436.00*
[Quad CPU] AMD Opteron 6174	8594	249	10.28	\$836.00
[Quad CPU] AMD Opteron 6272	12292	171	61.47	\$199.96
[Quad CPU] AMD Opteron 6274	10488	201	12.49	\$840.00*
[Quad CPU] AMD Opteron 6276	15342	136	47.95	\$319.96
[Quad CPU] AMD Opteron 6278	12055	175	23.18	\$519.96
[Quad CPU] AMD Opteron 6282 SE	11044	194	21.24	\$519.96
[Quad CPU] AMD Opteron 6376	14681	143	56.47	\$260.00
[Quad CPU] AMD Opteron 6380	12442	166	34.56	\$359.96
[Quad CPU] AMD Opteron 8360 SE	6490	304	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	317	NA	NA
[Quad CPU] AMD Opteron 8382	8553	250	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	284	NA	NA
[Quad CPU] AMD Opteron 8431	8252	258	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	290	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	238	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	415	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	375	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	119	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	131	1.13	\$14,079.88*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	50	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	79	55.95	\$381.96*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	129	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	15	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	116	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	114	131.38	\$131.96*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14622	144	15.69	\$932.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	164	15.87	\$799.96*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	292	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	273	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	210	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	226	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	232	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	41	5.07	\$5,159.96*
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	2	2.71	\$15,039.96*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	222	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	1	1.10	\$40,060.00*
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	227	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12068	174	28.52	\$423.20*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	248	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	186	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	135	175.16	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	287	163.10	\$43.96

* - Last price seen from our affiliates.



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 [High-End CPUs] - [High Mid-Range CPUs] - [Low Mid-Range CPUs] - [Low-End CPUs]
 [CPU Popularity 90 days] - [Multi CPU Systems] - [Laptop CPUs] - [Desktop CPUs]
 [CPU Mega Page - Detailed CPU List] - [Single Thread CPU Performance]
 [CPU Mark by Socket Type] - [Manufacturer Market Share]

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