



- 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 ----



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CPU List

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

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Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2759	NA	NA
AMD A4 Micro-6400T APU	1544	1949	NA	NA
AMD A4 PRO-3340B	2402	1556	NA	NA
AMD A4 PRO-7300B APU	2353	1577	NA	NA
AMD A4 PRO-7350B	2227	1631	NA	NA
AMD A4-1200 APU	632	2439	NA	NA
AMD A4-1250 APU	619	2446	NA	NA
AMD A4-3300 APU	1503	1973	115.71	\$12.99
AMD A4-3300M APU	1185	2139	39.53	\$29.99*
AMD A4-3305M APU	1224	2117	39.75	\$30.81
AMD A4-3310MX APU	1286	2080	NA	NA
AMD A4-3320M APU	1253	2102	34.93	\$35.90
AMD A4-3330MX APU	1216	2121	NA	NA
AMD A4-3400 APU	1593	1935	18.12	\$87.95
AMD A4-3420 APU	1664	1893	NA	NA
AMD A4-4000 APU	1833	1805	14.30	\$128.27*
AMD A4-4020 APU	1909	1765	21.21	\$90.00
AMD A4-4300M APU	1612	1922	40.44	\$39.86
AMD A4-4355M APU	1177	2141	NA	NA
AMD A4-5000 APU	1916	1761	NA	NA
AMD A4-5050 APU	2113	1673	NA	NA
AMD A4-5100 APU	2056	1700	NA	NA
AMD A4-5150M APU	1864	1789	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5300 APU	2013	1716	18.25	\$110.32
AMD A4-5300B APU	2145	1658	56.47	\$38.00*
AMD A4-6210 APU	2169	1648	NA	NA
AMD A4-6250J APU	2556	1497	NA	NA
AMD A4-6300 APU	2223	1634	37.06	\$59.99*
AMD A4-6300B APU	2129	1665	21.30	\$100.00*
AMD A4-6320 APU	2329	1580	33.29	\$69.99*
AMD A4-7210 APU	2523	1511	NA	NA
AMD A4-7300 APU	2309	1589	18.93	\$122.00
AMD A4-9120	1957	1737	NA	NA
AMD A4-9120C	1539	1952	NA	NA
AMD A4-9125	1968	1734	NA	NA
AMD A6 Micro-6500T APU	1834	1804	NA	NA
AMD A6 PRO-7050B APU	1616	1920	NA	NA
AMD A6 PRO-7400B	2621	1473	NA	NA
AMD A6-1450 APU	1539	1953	NA	NA
AMD A6-3400M APU	1882	1781	62.81	\$29.97*
AMD A6-3410MX APU	2058	1699	515.90	\$3.99*
AMD A6-3420M APU	1998	1720	NA	NA
AMD A6-3430MX APU	2200	1641	NA	NA
AMD A6-3500 APU	2013	1715	50.35	\$39.99*
AMD A6-3600 APU	2701	1452	117.50	\$22.99*
AMD A6-3620 APU	2792	1421	46.54	\$59.99*
AMD A6-3650 APU	3148	1303	98.41	\$31.99*
AMD A6-3670 APU	3165	1293	5.19	\$610.00*
AMD A6-4400M APU	1640	1907	205.38	\$7.99*
AMD A6-4455M APU	1286	2079	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5200 APU	2433	1544	NA	NA
AMD A6-5345M APU	1476	1985	NA	NA
AMD A6-5350M APU	1902	1767	44.13	\$43.12
AMD A6-5357M APU	1953	1743	NA	NA
AMD A6-5400B APU	2242	1624	21.35	\$105.04*
AMD A6-5400K APU	2160	1655	34.83	\$62.02
AMD A6-6310 APU	2458	1535	NA	NA
AMD A6-6400B APU	2281	1602	NA	NA
AMD A6-6400K APU	2309	1590	11.05	\$208.99*
AMD A6-6420B APU	2612	1476	NA	NA
AMD A6-6420K APU	2388	1563	15.92	\$149.99*
AMD A6-7000	1667	1891	NA	NA
AMD A6-7310 APU	2671	1460	NA	NA
AMD A6-7400K APU	2785	1425	46.58	\$59.79
AMD A6-7470K	2727	1445	15.82	\$172.41
AMD A6-7480	3129	1306	71.14	\$43.99*
AMD A6-8500P	2202	1640	NA	NA
AMD A6-8550	3032	1338	NA	NA
AMD A6-9200	1747	1842	NA	NA
AMD A6-9210	1753	1838	NA	NA
AMD A6-9220	2169	1649	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-9220C	2071	1692	NA	NA
AMD A6-9220e	1621	1918	NA	NA
AMD A6-9225	2170	1647	NA	NA
AMD A6-9230	2102	1679	NA	NA
AMD A6-9500	3058	1330	65.15	\$46.95
AMD A6-9500E	2889	1394	39.67	\$72.84
AMD A8 PRO-7150B APU	2650	1465	NA	NA
AMD A8 PRO-7600B APU	4748	929	NA	NA
AMD A8-3500M APU	1970	1731	28.17	\$69.95
AMD A8-3510MX APU	2395	1559	NA	NA
AMD A8-3520M APU	2168	1651	NA	NA
AMD A8-3530MX APU	2354	1575	NA	NA
AMD A8-3550MX APU	2610	1477	NA	NA
AMD A8-3800 APU	3011	1341	52.84	\$56.99*
AMD A8-3820 APU	3101	1314	24.82	\$124.99*
AMD A8-3850 APU	3459	1208	32.74	\$105.68*
AMD A8-3870K APU	3539	1186	23.65	\$149.67*
AMD A8-4500M APU	2666	1463	NA	NA
AMD A8-4555M APU	2126	1668	NA	NA
AMD A8-5500 APU	3997	1075	70.75	\$56.50*
AMD A8-5500B APU	4005	1072	NA	NA
AMD A8-5545M APU	2590	1485	NA	NA
AMD A8-5550M APU	3008	1343	NA	NA
AMD A8-5557M APU	2963	1363	NA	NA
AMD A8-5600K APU	4342	1012	18.94	\$229.30
AMD A8-6410 APU	2572	1493	NA	NA
AMD A8-6500 APU	4396	1000	46.28	\$94.99*
AMD A8-6500B APU	4612	953	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-6500T APU	3221	1275	NA	NA
AMD A8-6600K APU	4588	960	47.31	\$96.99*
AMD A8-7050	1986	1725	NA	NA
AMD A8-7100 APU	2808	1418	NA	NA
AMD A8-7200P	3319	1244	NA	NA
AMD A8-7410 APU	2743	1438	NA	NA
AMD A8-7600 APU	5064	863	17.71	\$285.99*
AMD A8-7650K	4926	894	19.17	\$257.00
AMD A8-7670K	5083	854	31.56	\$161.10*
AMD A8-7680	5270	828	87.86	\$59.99*
AMD A8-8600P	3248	1264	NA	NA
AMD A8-8650	5470	794	NA	NA
AMD A8-9600	4980	882	70.94	\$70.21
AMD A9-9400	2320	1583	NA	NA
AMD A9-9410	2547	1501	NA	NA
AMD A9-9420	2347	1579	NA	NA
AMD A9-9420e	1832	1808	NA	NA
AMD A9-9425	2509	1517	NA	NA
AMD A9-9430	2524	1510	NA	NA
AMD A10 Micro-6700T APU	1970	1730	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10 PRO-7350B APU	3164	1294	NA	NA
AMD A10 PRO-7800B APU	4934	890	NA	NA
AMD A10 PRO-7850B APU	5380	811	NA	NA
AMD A10-4600M APU	3113	1313	NA	NA
AMD A10-4655M APU	2605	1479	NA	NA
AMD A10-4657M APU	2906	1386	NA	NA
AMD A10-5700 APU	4214	1038	65.34	\$64.50*
AMD A10-5745M APU	2763	1432	NA	NA
AMD A10-5750M APU	3341	1240	NA	NA
AMD A10-5757M APU	3084	1320	NA	NA
AMD A10-5800B APU	4586	961	NA	NA
AMD A10-5800K APU	4635	947	7.60	\$610.00*
AMD A10-6700 APU	4605	955	39.36	\$116.99*
AMD A10-6700T APU	3693	1152	25.02	\$147.61*
AMD A10-6790K APU	4691	936	49.39	\$94.99*
AMD A10-6800B APU	4822	912	NA	NA
AMD A10-6800K APU	4862	907	16.95	\$286.85*
AMD A10-7300 APU	2907	1384	NA	NA
AMD A10-7400P	3606	1168	NA	NA
AMD A10-7700K APU	5118	848	38.05	\$134.53
AMD A10-7800 APU	4972	884	48.09	\$103.39*
AMD A10-7850K APU	5469	795	46.59	\$117.39
AMD A10-7860K	5068	860	28.96	\$175.00*
AMD A10-7870K	5468	797	24.09	\$226.99*
AMD A10-7890K	5699	764	28.50	\$199.99*
AMD A10-8700P	3448	1210	NA	NA
AMD A10-8750	5064	864	NA	NA
AMD A10-8850	5604	777	NA	NA
AMD A10-9600P	3778	1127	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9620P	3654	1160	NA	NA
AMD A10-9630P	4497	980	NA	NA
AMD A10-9700	5386	810	65.12	\$82.72
AMD A10-9700E	4747	930	52.18	\$90.99
AMD A12-9700P	3717	1144	NA	NA
AMD A12-9720P	3996	1076	NA	NA
AMD A12-9730P	4417	997	NA	NA
AMD A12-9800	5575	779	37.61	\$148.24*
AMD A12-9800E	5083	855	36.84	\$138.00
AMD Athlon64 X2 Dual Core 4600+	1108	2183	NA	NA
AMD Athlon 4	279	2779	4.00	\$69.99
AMD Athlon 64 2000+	116	2913	NA	NA
AMD Athlon 64 2200+	575	2471	NA	NA
AMD Athlon 64 2600+	374	2654	NA	NA
AMD Athlon 64 2800+	438	2582	4.38	\$99.99*
AMD Athlon 64 3000+	464	2550	4.26	\$108.95
AMD Athlon 64 3200+	493	2520	3.29	\$149.95*
AMD Athlon 64 3300+	576	2470	NA	NA
AMD Athlon 64 3400+	545	2482	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 3500+	540	2488	4.97	\$108.95
AMD Athlon 64 3600+	601	2455	NA	NA
AMD Athlon 64 3700+	598	2457	8.67	\$69.00*
AMD Athlon 64 3800+	589	2460	3.28	\$179.95*
AMD Athlon 64 4000+	608	2450	3.32	\$183.27*
AMD Athlon 64 FX-25	794	2367	NA	NA
AMD Athlon 64 FX-34	380	2645	NA	NA
AMD Athlon 64 FX-51	437	2583	NA	NA
AMD Athlon 64 FX-53	646	2431	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2396	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2392	NA	NA
AMD Athlon 64 FX-59	715	2399	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2085	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1940	NA	NA
AMD Athlon 64 FX-72	1794	1819	NA	NA
AMD Athlon 64 FX-74	1495	1978	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2278	NA	NA
AMD Athlon 64 X2 4200+	1285	2081	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2252	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2272	16.05	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	999	2246	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1044	2218	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	2187	6.87	\$159.95*
AMD Athlon 64 X2 Dual Core 4400+	1145	2166	19.10	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1218	2118	3.39	\$359.95
AMD Athlon 64 X2 Dual Core 4800+	1253	2101	2.73	\$459.95*
AMD Athlon 64 X2 Dual Core 5000+	1314	2061	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	2025	9.87	\$139.95
AMD Athlon 64 X2 Dual Core 5400+	1450	1997	27.37	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1484	1982	9.90	\$149.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core 5800+	1516	1965	60.68	\$24.99*
AMD Athlon 64 X2 Dual Core 6000+	1603	1927	34.89	\$45.95
AMD Athlon 64 X2 Dual Core 6400+	1787	1823	6.87	\$259.95*
AMD Athlon 64 X2 Dual Core BE-230	1095	2191	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2201	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2217	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2343	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2344	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2266	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2323	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	819	2352	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2324	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	925	2299	NA	NA
AMD Athlon 64 X2 QL-60	922	2304	NA	NA
AMD Athlon 64 X2 QL-62	1003	2242	NA	NA
AMD Athlon 64 X2 QL-64	990	2256	NA	NA
AMD Athlon 64 X2 QL-65	1050	2215	NA	NA
AMD Athlon 64 X2 QL-66	947	2287	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 QL-67	1006	2240	NA	NA
AMD Athlon 64 X2 TK-55	955	2280	NA	NA
AMD Athlon 64 X2 TK-57	988	2258	NA	NA
AMD Athlon 200GE	4921	895	75.94	\$64.80
AMD Athlon 220GE	5302	826	85.79	\$61.81
AMD Athlon 240GE	5411	801	85.91	\$62.99
AMD Athlon 300U	4863	906	NA	NA
AMD Athlon 1500+	294	2751	NA	NA
AMD Athlon 1640B	670	2422	13.42	\$50.00*
AMD Athlon 2000+	390	2641	NA	NA
AMD Athlon 2100+	412	2604	NA	NA
AMD Athlon 2200+	363	2671	4.55	\$79.99*
AMD Athlon 2400+	462	2554	NA	NA
AMD Athlon 2500+	374	2651	2.04	\$183.99*
AMD Athlon 2600+	444	2573	4.23	\$104.95*
AMD Athlon 2650e	409	2608	21.56	\$19.00*
AMD Athlon 2800+	447	2570	3.20	\$139.95*
AMD Athlon 2850e	506	2513	NA	NA
AMD Athlon 3100+	485	2531	NA	NA
AMD Athlon 3200+	458	2558	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	2074	10.78	\$119.95
AMD Athlon 5150 APU	2105	1677	13.16	\$159.95
AMD Athlon 5200 Dual-Core	1266	2096	42.23	\$29.99*
AMD Athlon 5350 APU	2606	1478	17.49	\$149.00
AMD Athlon 5370 APU	2912	1379	45.73	\$63.70*
AMD Athlon 7450 Dual-Core	1450	1996	NA	NA
AMD Athlon 7550 Dual-Core	1470	1987	24.52	\$60.00*
AMD Athlon 7750 Dual-Core	1570	1941	9.33	\$168.38
AMD Athlon 7850 Dual-Core	1713	1860	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2762	NA	NA
AMD Athlon Dual Core 4050e	1086	2196	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 4450B	1165	2153	37.59	\$31.00*
AMD Athlon Dual Core 4450e	1107	2185	NA	NA
AMD Athlon Dual Core 4850B	1391	2019	NA	NA
AMD Athlon Dual Core 4850e	1314	2060	33.70	\$39.00*
AMD Athlon Dual Core 5000B	1308	2063	13.77	\$95.00*
AMD Athlon Dual Core 5050e	1343	2047	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1316	2059	NA	NA
AMD Athlon Dual Core 5400B	1420	2008	NA	NA
AMD Athlon Dual Core 5600B	1304	2067	NA	NA
AMD Athlon II 160u	560	2477	18.68	\$29.99*
AMD Athlon II 170u	626	2442	20.91	\$29.95*
AMD Athlon II Dual-Core M300	1111	2179	NA	NA
AMD Athlon II Dual-Core M320	1141	2168	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2213	NA	NA
AMD Athlon II N330 Dual-Core	1154	2159	NA	NA
AMD Athlon II N350 Dual-Core	1249	2107	NA	NA
AMD Athlon II N370 Dual-Core	1559	1945	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II Neo K125	473	2544	NA	NA
AMD Athlon II Neo K145	525	2496	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2371	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2334	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2366	NA	NA
AMD Athlon II P320 Dual-Core	1216	2119	40.62	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2105	27.83	\$44.95*
AMD Athlon II P360 Dual-Core	1318	2058	54.94	\$24.00*
AMD Athlon II X2 210e	1486	1981	NA	NA
AMD Athlon II X2 215	1566	1943	130.68	\$11.99*
AMD Athlon II X2 220	1633	1911	50.76	\$32.19
AMD Athlon II X2 225	1526	1958	NA	NA
AMD Athlon II X2 235e	1661	1898	9.13	\$181.88*
AMD Athlon II X2 240	1642	1904	102.70	\$15.99*
AMD Athlon II X2 240e	1695	1874	48.52	\$34.95*
AMD Athlon II X2 245	1661	1897	47.55	\$34.95*
AMD Athlon II X2 245e	1709	1864	21.37	\$80.00*
AMD Athlon II X2 250	1741	1844	44.71	\$38.95
AMD Athlon II X2 250e	1939	1748	25.28	\$76.73*
AMD Athlon II X2 250u	1004	2241	28.74	\$34.95
AMD Athlon II X2 255	1841	1800	28.24	\$65.22*
AMD Athlon II X2 260	1875	1783	93.83	\$19.99*
AMD Athlon II X2 260u	1107	2184	13.28	\$83.44*
AMD Athlon II X2 265	1892	1774	22.84	\$82.88*
AMD Athlon II X2 270	1977	1729	82.44	\$23.99*
AMD Athlon II X2 270u	1285	2083	18.99	\$67.67*
AMD Athlon II X2 280	2129	1664	21.30	\$99.99*
AMD Athlon II X2 4300e	1483	1983	NA	NA
AMD Athlon II X2 4400e	1632	1913	NA	NA
AMD Athlon II X2 4450e	1504	1971	NA	NA
AMD Athlon II X2 B22	1714	1859	41.13	\$41.69*
AMD Athlon II X2 B24	1778	1826	44.52	\$39.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 B26	1906	1766	54.56	\$34.95
AMD Athlon II X2 B28	2085	1686	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1717	18.70	\$107.43*
AMD Athlon II X3 405e	2000	1718	25.00	\$79.99*
AMD Athlon II X3 415e	2247	1621	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1599	19.68	\$116.15*
AMD Athlon II X3 425	2314	1587	85.74	\$26.99*
AMD Athlon II X3 425e	2239	1627	NA	NA
AMD Athlon II X3 435	2470	1532	82.36	\$29.99*
AMD Athlon II X3 440	2566	1494	95.10	\$26.99*
AMD Athlon II X3 445	2573	1491	28.28	\$91.00*
AMD Athlon II X3 450	2621	1475	68.96	\$38.01
AMD Athlon II X3 455	2767	1429	70.97	\$38.99*
AMD Athlon II X3 460	2864	1399	73.46	\$38.99*
AMD Athlon II X4 553	3814	1118	NA	NA
AMD Athlon II X4 555	3830	1113	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 559	4125	1054	NA	NA
AMD Athlon II X4 600e	2465	1534	18.93	\$130.23*
AMD Athlon II X4 605e	2734	1444	26.86	\$101.80*
AMD Athlon II X4 610e	2790	1422	39.87	\$69.99*
AMD Athlon II X4 615e	2899	1391	49.15	\$59.00*
AMD Athlon II X4 620	2929	1375	48.86	\$59.95
AMD Athlon II X4 620e	2906	1387	NA	NA
AMD Athlon II X4 630	3131	1305	49.74	\$62.95
AMD Athlon II X4 631 Quad-Core	3151	1301	39.39	\$80.00*
AMD Athlon II X4 635	3234	1269	46.24	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1281	120.73	\$26.49*
AMD Athlon II X4 640	3314	1246	41.46	\$79.95
AMD Athlon II X4 641 Quad-Core	3342	1238	36.53	\$91.50*
AMD Athlon II X4 645	3468	1205	43.38	\$79.95
AMD Athlon II X4 650	3482	1203	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	1177	20.09	\$178.04*
AMD Athlon II X4 655	2998	1348	NA	NA
AMD Athlon II X4 6400e	2594	1482	NA	NA
AMD Athlon L110	303	2732	NA	NA
AMD Athlon LE-1600	557	2478	26.57	\$21.00*
AMD Athlon LE-1620	578	2468	32.12	\$18.00*
AMD Athlon LE-1640	626	2441	NA	NA
AMD Athlon LE-1660	679	2419	NA	NA
AMD Athlon MP	230	2833	4.20	\$54.95*
AMD Athlon MP 1700+	339	2694	NA	NA
AMD Athlon MP 2400+	436	2584	NA	NA
AMD Athlon MP 2800+	497	2518	NA	NA
AMD Athlon Neo MV-40	410	2606	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2244	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2370	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2348	NA	NA
AMD Athlon PRO 200GE	5204	836	NA	NA
AMD Athlon QI-46	473	2543	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon TF-20	413	2602	NA	NA
AMD Athlon TF-36	395	2630	NA	NA
AMD Athlon X2 215	1543	1950	NA	NA
AMD Athlon X2 235e	1806	1817	NA	NA
AMD Athlon X2 240	1602	1928	NA	NA
AMD Athlon X2 240e	1670	1889	NA	NA
AMD Athlon X2 250	1696	1873	NA	NA
AMD Athlon X2 255	1627	1916	NA	NA
AMD Athlon X2 280	2303	1593	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1910	1764	38.22	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1619	NA	NA
AMD Athlon X2 440	1424	2006	NA	NA
AMD Athlon X2 Dual Core 3250e	778	2369	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2248	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2305	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 Dual Core BE-2350	1109	2181	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2122	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2103	NA	NA
AMD Athlon X2 Dual Core L310	645	2432	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2238	NA	NA
AMD Athlon X3 425	2191	1644	NA	NA
AMD Athlon X3 435	2574	1490	26.96	\$95.49*
AMD Athlon X3 440	2078	1689	23.62	\$87.99*
AMD Athlon X3 445	2314	1586	NA	NA
AMD Athlon X3 455	2401	1557	NA	NA
AMD Athlon X4 605e	2505	1521	NA	NA
AMD Athlon X4 620	2861	1400	47.74	\$59.95
AMD Athlon X4 635	2891	1393	23.71	\$121.99*
AMD Athlon X4 640	3172	1288	NA	NA
AMD Athlon X4 740 Quad Core	4022	1070	14.52	\$277.00*
AMD Athlon X4 750 Quad Core	4551	966	NA	NA
AMD Athlon X4 750K Quad Core	4254	1029	55.26	\$76.99*
AMD Athlon X4 760K Quad Core	4593	959	109.41	\$41.98*
AMD Athlon X4 830	4701	933	NA	NA
AMD Athlon X4 840	5066	862	64.34	\$78.74*
AMD Athlon X4 845	5398	808	101.61	\$53.13*
AMD Athlon X4 860K	5411	802	40.10	\$134.95
AMD Athlon X4 870K	5313	825	66.43	\$79.99*
AMD Athlon X4 880K	5551	784	55.52	\$99.99*
AMD Athlon X4 950	5248	832	72.27	\$72.62
AMD Athlon XP1600+	281	2775	NA	NA
AMD Athlon XP1900+	353	2680	NA	NA
AMD Athlon XP2100+	287	2764	NA	NA
AMD Athlon XP2200+	401	2622	NA	NA
AMD Athlon XP2400+	374	2653	NA	NA
AMD Athlon XP 1500	282	2774	NA	NA
AMD Athlon XP 1500+	257	2804	NA	NA
AMD Athlon XP 1600+	267	2794	NA	NA
AMD Athlon XP 1700	344	2690	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 1700+	271	2790	4.43	\$61.25*
AMD Athlon XP 1800+	300	2739	5.10	\$58.95*
AMD Athlon XP 1900+	312	2723	NA	NA
AMD Athlon XP 2000+	299	2740	12.00	\$24.99*
AMD Athlon XP 2100+	323	2706	NA	NA
AMD Athlon XP 2200+	328	2705	3.87	\$84.95*
AMD Athlon XP 2300+	464	2551	NA	NA
AMD Athlon XP 2400+	360	2673	4.01	\$89.99*
AMD Athlon XP 2500+	355	2677	NA	NA
AMD Athlon XP 2600+	372	2657	16.18	\$23.03*
AMD Athlon XP 2700+	393	2633	4.64	\$84.79*
AMD Athlon XP 2800+	400	2624	NA	NA
AMD Athlon XP 2900+	424	2598	NA	NA
AMD Athlon XP 3000+	402	2620	5.06	\$79.70*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 3100+	433	2588	NA	NA
AMD Athlon XP 3200+	431	2589	NA	NA
AMD Athlon XP 3400+	570	2474	NA	NA
AMD Athlon XP Pro3+	367	2664	NA	NA
AMD Athlon XP-M	541	2487	15.48	\$34.95*
AMD C-30	310	2725	NA	NA
AMD C-50	462	2553	NA	NA
AMD C-60	466	2547	NA	NA
AMD C-60 APU	543	2484	NA	NA
AMD C-70 APU	557	2479	NA	NA
AMD E1 Micro-6200T APU	960	2275	NA	NA
AMD E1-1200 APU	655	2429	NA	NA
AMD E1-1500 APU	688	2414	NA	NA
AMD E1-2100 APU	641	2437	NA	NA
AMD E1-2200 APU	767	2373	NA	NA
AMD E1-2500 APU	890	2321	NA	NA
AMD E1-6010 APU	868	2327	NA	NA
AMD E1-6015 APU	900	2317	NA	NA
AMD E1-7010 APU	1012	2237	NA	NA
AMD E2-1800 APU	815	2353	NA	NA
AMD E2-2000 APU	825	2349	NA	NA
AMD E2-3000 APU	1121	2171	NA	NA
AMD E2-3000M APU	1097	2189	54.85	\$20.00*
AMD E2-3200 APU	1380	2026	172.79	\$7.99*
AMD E2-3800 APU	1641	1905	NA	NA
AMD E2-6110 APU	1912	1763	NA	NA
AMD E2-7110 APU	2287	1598	NA	NA
AMD E2-9000	1649	1902	NA	NA
AMD E2-9000e	1344	2046	NA	NA
AMD E2-9010	1705	1866	NA	NA
AMD E2-9030	1515	1967	NA	NA
AMD E-240	319	2712	NA	NA
AMD E-300 APU	610	2449	NA	NA
AMD E-350	745	2387	NA	NA
AMD E-350 APU	757	2380	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E-350D APU	726	2394	NA	NA
AMD E-450 APU	766	2374	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1832	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1683	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2508	1518	NA	NA
AMD Embedded R-Series RX-216GD	2409	1553	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	859	NA	NA
AMD Embedded R-Series RX-421BD	4635	948	NA	NA
AMD EPYC 3201	9634	377	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 7251 8-Core	11811	251	22.43	\$526.58
AMD EPYC 7301	14978	159	21.85	\$685.47
AMD EPYC 7351	18081	91	14.36	\$1,259.55
AMD EPYC 7351P	14887	161	27.68	\$537.74
AMD EPYC 7371	22071	39	NA	NA
AMD EPYC 7401P	19555	74	18.19	\$1,075.00
AMD EPYC 7501	18942	81	9.19	\$2,060.86
AMD EPYC 7551	18483	85	13.37	\$1,382.15
AMD EPYC 7551P	18406	87	15.00	\$1,226.76
AMD FirePro A320 APU	4540	972	NA	NA
AMD FX-670K Quad-Core	4550	967	NA	NA
AMD FX-770K Quad-Core	4803	917	NA	NA
AMD FX-870K Quad Core	5021	874	NA	NA
AMD FX-4100 Quad-Core	4073	1063	26.54	\$153.45*
AMD FX-4130 Quad-Core	4164	1046	54.80	\$75.99*
AMD FX-4150 Quad-Core	4594	958	NA	NA
AMD FX-4170 Quad-Core	4867	902	48.68	\$99.99*
AMD FX-4200 Quad-Core	4235	1032	18.56	\$228.21*
AMD FX-4300 Quad-Core	4696	935	52.21	\$89.96
AMD FX-4320	4985	880	NA	NA
AMD FX-4330	5321	823	NA	NA
AMD FX-4350 Quad-Core	5346	819	12.43	\$430.00
AMD FX-6100 Six-Core	5388	809	20.89	\$258.00
AMD FX-6120 Six-Core	5739	761	NA	NA
AMD FX-6130 Six-Core	6215	708	NA	NA
AMD FX-6200 Six-Core	6118	719	18.00	\$339.95
AMD FX-6300 Six-Core	6389	692	25.45	\$251.08
AMD FX-6330 Six-Core	6916	641	NA	NA
AMD FX-6350 Six-Core	7000	628	41.92	\$166.99
AMD FX-7500 APU	3207	1277	NA	NA
AMD FX-7600P	4050	1065	NA	NA
AMD FX-7600P APU	4627	950	NA	NA
AMD FX-8100 Eight-Core	6008	732	42.31	\$142.00*
AMD FX-8120 Eight-Core	6601	672	29.64	\$222.73*
AMD FX-8140 Eight-Core	6133	716	NA	NA
AMD FX-8150 Eight-Core	7634	572	76.38	\$99.95
AMD FX-8300 Eight-Core	7722	561	77.26	\$99.95*
AMD FX-8310 Eight-Core	7722	560	NA	NA
AMD FX-8320 Eight-Core	8016	532	62.62	\$128.01
AMD FX-8320E Eight-Core	7550	577	69.26	\$109.01
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8350 Eight-Core	8952	443	50.36	\$177.79
AMD FX-8370 Eight-Core	9036	431	18.18	\$497.00
AMD FX-8370E Eight-Core	7813	550	24.41	\$320.09
AMD FX-8800P	4145	1051	NA	NA
AMD FX-9370 Eight-Core	9441	394	15.53	\$608.00
AMD FX-9590 Eight-Core	10191	322	50.97	\$199.95
AMD FX-9800P	3963	1086	NA	NA
AMD FX-9830P	4773	924	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	954	NA	NA
AMD G-T40E	467	2546	NA	NA
AMD G-T40N	516	2505	NA	NA
AMD G-T40R	203	2860	NA	NA
AMD G-T44R	229	2834	NA	NA
AMD G-T48E	667	2424	NA	NA
AMD G-T52R	308	2727	NA	NA
AMD G-T56E	751	2382	NA	NA
AMD G-T56N	795	2364	NA	NA
AMD Geode NX	264	2797	NA	NA
AMD Geode NX 1750	291	2753	NA	NA
AMD GX-210JA SOC	401	2623	NA	NA
AMD GX-212JC SOC	744	2388	NA	NA
AMD GX-217GA SOC	1107	2186	NA	NA
AMD GX-218GL SOC	1207	2126	NA	NA
AMD GX-222GC SOC	1255	2100	NA	NA
AMD GX-412HC	1497	1977	NA	NA
AMD GX-415GA SOC	1944	1747	NA	NA
AMD GX-420CA SOC	2412	1551	NA	NA
AMD GX-424CC SOC	2491	1525	NA	NA
AMD K7	403	2617	NA	NA
AMD Opteron 140	396	2628	0.62	\$640.00
AMD Opteron 142	428	2594	NA	NA
AMD Opteron 144	486	2528	7.48	\$65.00*
AMD Opteron 146	532	2491	8.87	\$59.99*
AMD Opteron 148	603	2454	NA	NA
AMD Opteron 150	604	2452	NA	NA
AMD Opteron 152	658	2426	NA	NA
AMD Opteron 154	703	2407	NA	NA
AMD Opteron 165	899	2318	1.63	\$550.00
AMD Opteron 170	1097	2188	NA	NA
AMD Opteron 175	1167	2152	NA	NA
AMD Opteron 180	1236	2111	9.51	\$129.95*
AMD Opteron 185	1342	2048	NA	NA
AMD Opteron 246	632	2440	31.62	\$19.99*
AMD Opteron 248	476	2540	4.77	\$99.95
AMD Opteron 250	649	2430	59.01	\$11.00*
AMD Opteron 252	760	2378	12.00	\$63.36*
AMD Opteron 254	693	2412	NA	NA
AMD Opteron 256	963	2270	50.72	\$19.00*
AMD Opteron 265	963	2271	13.20	\$73.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 270	1170	2148	1.93	\$607.47*
AMD Opteron 275	1291	2075	19.87	\$64.99
AMD Opteron 280	1176	2142	1.48	\$796.67*
AMD Opteron 285	1470	1988	18.39	\$79.95
AMD Opteron 290	1464	1990	10.85	\$135.00*
AMD Opteron 1210	923	2300	NA	NA
AMD Opteron 1210 HE	971	2264	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1212	1009	2239	3.48	\$290.00*
AMD Opteron 1212 HE	1308	2064	NA	NA
AMD Opteron 1214	1191	2135	4.11	\$290.00*
AMD Opteron 1214 HE	1299	2069	NA	NA
AMD Opteron 1216	1311	2062	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2146	NA	NA
AMD Opteron 1218	1468	1989	NA	NA
AMD Opteron 1218 HE	1444	1998	NA	NA
AMD Opteron 1220	1653	1901	NA	NA
AMD Opteron 1222	1757	1834	NA	NA
AMD Opteron 1352	2316	1585	17.04	\$135.99*
AMD Opteron 1354	2630	1472	19.49	\$135.00*
AMD Opteron 1356	2765	1431	30.73	\$89.99*
AMD Opteron 1381	3065	1328	NA	NA
AMD Opteron 2212	1270	2093	63.53	\$20.00*
AMD Opteron 2214	1358	2041	46.85	\$29.00*
AMD Opteron 2214 HE	1415	2011	NA	NA
AMD Opteron 2216	1518	1964	58.84	\$25.80
AMD Opteron 2218	1594	1933	19.94	\$79.95
AMD Opteron 2220	1701	1870	21.29	\$79.95
AMD Opteron 2220 SE	1398	2015	55.92	\$25.00*
AMD Opteron 2222	1843	1797	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1758	NA	NA
AMD Opteron 2350	2820	1411	35.28	\$79.95
AMD Opteron 2354	2450	1539	7.38	\$332.03*
AMD Opteron 2356	2814	1414	54.12	\$52.00*
AMD Opteron 2373 EE	2789	1423	NA	NA
AMD Opteron 2374 HE	2951	1364	15.53	\$189.99*
AMD Opteron 2376	2283	1600	13.69	\$166.81*
AMD Opteron 2378	3179	1286	17.76	\$179.00*
AMD Opteron 2380	2640	1469	58.69	\$45.00
AMD Opteron 2384	3538	1187	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1188	NA	NA
AMD Opteron 2393 SE	2246	1622	NA	NA
AMD Opteron 2427	3069	1326	38.39	\$79.95
AMD Opteron 2431	4516	976	112.91	\$40.00*
AMD Opteron 2435	4708	932	24.91	\$189.00*
AMD Opteron 3250 HE	2942	1368	29.73	\$99.00*
AMD Opteron 3260 HE	3259	1260	NA	NA
AMD Opteron 3280	5403	804	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1459	NA	NA
AMD Opteron 3350 HE	4105	1057	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 3365	5963	734	NA	NA
AMD Opteron 3380	6384	693	7.89	\$809.00*
AMD Opteron 4122	2942	1369	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1291	NA	NA
AMD Opteron 4170 HE	3664	1157	62.11	\$59.00*
AMD Opteron 4184	4418	996	8.50	\$519.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4280	6430	685	128.60	\$50.00
AMD Opteron 4284	6660	667	111.03	\$59.99*
AMD Opteron 4332 HE	5614	774	NA	NA
AMD Opteron 4334	6099	722	28.18	\$216.42*
AMD Opteron 4365 EE	5025	873	NA	NA
AMD Opteron 4386	6761	655	48.30	\$139.99*
AMD Opteron 6128	4505	978	237.24	\$18.99
AMD Opteron 6134	2938	1370	66.81	\$43.99*
AMD Opteron 6136	4631	949	42.10	\$110.00*
AMD Opteron 6164 HE	5351	817	NA	NA
AMD Opteron 6172	5261	829	26.57	\$198.00*
AMD Opteron 6174	6171	712	77.19	\$79.95
AMD Opteron 6176 SE	5465	798	34.37	\$159.00*
AMD Opteron 6212	5776	755	192.62	\$29.99*
AMD Opteron 6220	6785	651	113.11	\$59.99*
AMD Opteron 6234	5938	737	198.27	\$29.95*
AMD Opteron 6238	7673	568	21.32	\$359.89*
AMD Opteron 6272	6748	658	96.42	\$69.99
AMD Opteron 6274	4865	904	108.15	\$44.99
AMD Opteron 6276	8889	450	52.60	\$169.00
AMD Opteron 6282 SE	9116	420	14.24	\$640.00
AMD Opteron 6287 SE	9789	363	NA	NA
AMD Opteron 6328	7813	551	13.13	\$595.00
AMD Opteron 6366 HE	7503	581	250.19	\$29.99*
AMD Opteron 6376	9212	412	141.72	\$65.00
AMD Opteron 6378	9094	424	47.87	\$190.00
AMD Opteron 6380	10081	331	170.88	\$59.00
AMD Opteron 6386 SE	10912	281	75.26	\$144.99
AMD Opteron 8354	2255	1618	93.98	\$24.00
AMD Opteron 8439 SE	3813	1119	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1329	NA	NA
AMD Opteron X3216 APU	2366	1572	NA	NA
AMD Opteron X3418 APU	4659	940	NA	NA
AMD Opteron X3421 APU	4928	893	NA	NA
AMD Phenom 2 X4 12000	3005	1346	NA	NA
AMD Phenom 7950 Quad-Core	2991	1350	NA	NA
AMD Phenom 8250 Triple-Core	1668	1890	NA	NA
AMD Phenom 8250e Triple-Core	1635	1910	34.81	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1912	NA	NA
AMD Phenom 8450 Triple-Core	1889	1778	63.09	\$29.95*
AMD Phenom 8450e Triple-Core	2026	1709	NA	NA
AMD Phenom 8600 Triple-Core	1673	1887	31.57	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1755	36.33	\$52.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8650 Triple-Core	1989	1722	39.80	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1698	NA	NA
AMD Phenom 8750B Triple-Core	2034	1704	NA	NA
AMD Phenom 8850 Triple-Core	1968	1733	NA	NA
AMD Phenom 8850B Triple-Core	2080	1688	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9100e Quad-Core	1833	1806	45.89	\$39.95*
AMD Phenom 9150e Quad-Core	2113	1672	52.91	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1584	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1480	24.76	\$105.00*
AMD Phenom 9500 Quad-Core	2202	1639	75.98	\$28.99*
AMD Phenom 9550 Quad-Core	2544	1505	87.76	\$28.99*
AMD Phenom 9600 Quad-Core	2303	1592	46.11	\$49.95*
AMD Phenom 9600B Quad-Core	2573	1492	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2636	1470	58.65	\$44.95
AMD Phenom 9750 Quad-Core	2810	1416	46.89	\$59.95
AMD Phenom 9750B Quad-Core	2709	1450	NA	NA
AMD Phenom 9850 Quad-Core	2887	1395	24.06	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1297	NA	NA
AMD Phenom 9950 Quad-Core	3009	1342	22.29	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1513	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1367	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1164	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1200	NA	NA
AMD Phenom II N620 Dual-Core	1684	1880	422.27	\$3.99*
AMD Phenom II N640 Dual-Core	1721	1852	26.51	\$64.95*
AMD Phenom II N660 Dual-Core	1844	1796	18.63	\$99.00*
AMD Phenom II N830 3+1	2652	1464	NA	NA
AMD Phenom II N830 Triple-Core	1890	1777	NA	NA
AMD Phenom II N850 Triple-Core	1937	1749	77.51	\$25.00*
AMD Phenom II N870 Triple-Core	1999	1719	NA	NA
AMD Phenom II N930 Quad-Core	2274	1605	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1530	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2515	1515	16.77	\$149.99*
AMD Phenom II P650 Dual-Core	1579	1938	45.12	\$35.00*
AMD Phenom II P820 Triple-Core	1602	1929	NA	NA
AMD Phenom II P840 Triple-Core	1709	1862	NA	NA
AMD Phenom II P860 Triple-Core	1756	1836	NA	NA
AMD Phenom II P920 Quad-Core	1866	1788	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1831	1809	NA	NA
AMD Phenom II P960 Quad-Core	2085	1684	74.48	\$28.00*
AMD Phenom II X2 511	2104	1678	NA	NA
AMD Phenom II X2 521	2071	1691	NA	NA
AMD Phenom II X2 545	1918	1759	43.62	\$43.98*
AMD Phenom II X2 550	2022	1710	40.46	\$49.99*
AMD Phenom II X2 555	2041	1702	72.98	\$27.98*
AMD Phenom II X2 560	2061	1695	31.71	\$64.99*
AMD Phenom II X2 565	2225	1633	74.21	\$29.99*
AMD Phenom II X2 570	2068	1694	NA	NA
AMD Phenom II X2 B53	1709	1863	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 B55	1921	1757	40.02	\$48.00*
AMD Phenom II X2 B57	1823	1812	NA	NA
AMD Phenom II X2 B59	2118	1669	48.11	\$44.04
AMD Phenom II X3 700e	2242	1625	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 705e	2227	1630	14.63	\$152.34*
AMD Phenom II X3 710	2447	1540	28.95	\$84.53*
AMD Phenom II X3 715	2649	1467	31.17	\$84.99*
AMD Phenom II X3 720	2668	1461	38.13	\$69.99*
AMD Phenom II X3 740	2985	1352	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1442	36.47	\$75.00*
AMD Phenom II X3 B75	2906	1385	72.69	\$39.99*
AMD Phenom II X3 B77	3067	1327	137.64	\$22.29*
AMD Phenom II X4 805	2998	1347	17.23	\$173.99*
AMD Phenom II X4 810	3121	1310	26.91	\$115.99*
AMD Phenom II X4 820	3396	1223	45.31	\$74.95*
AMD Phenom II X4 830	3434	1214	43.47	\$79.00
AMD Phenom II X4 840	3508	1196	39.00	\$89.95*
AMD Phenom II X4 840T	3597	1170	51.41	\$69.99*
AMD Phenom II X4 850	3549	1183	54.62	\$64.99*
AMD Phenom II X4 900e	2882	1397	NA	NA
AMD Phenom II X4 905e	3078	1324	57.02	\$53.99*
AMD Phenom II X4 910	3247	1265	32.48	\$100.00*
AMD Phenom II X4 910e	3254	1262	20.73	\$156.99*
AMD Phenom II X4 920	3390	1225	42.39	\$79.99*
AMD Phenom II X4 925	3415	1217	77.64	\$43.99*
AMD Phenom II X4 940	3591	1173	60.53	\$59.34*
AMD Phenom II X4 945	3653	1161	53.64	\$68.11*
AMD Phenom II X4 955	3919	1097	30.11	\$130.16*
AMD Phenom II X4 960T	3780	1126	59.08	\$63.99*
AMD Phenom II X4 965	4180	1044	24.74	\$169.01
AMD Phenom II X4 970	4317	1019	29.15	\$148.11*
AMD Phenom II X4 973	3759	1133	NA	NA
AMD Phenom II X4 975	4453	985	31.88	\$139.69*
AMD Phenom II X4 977	3750	1137	NA	NA
AMD Phenom II X4 980	4490	982	19.52	\$229.99*
AMD Phenom II X4 8700e	2377	1567	NA	NA
AMD Phenom II X4 B05e	2792	1420	NA	NA
AMD Phenom II X4 B15e	2736	1441	NA	NA
AMD Phenom II X4 B25	3297	1251	NA	NA
AMD Phenom II X4 B35	3383	1229	NA	NA
AMD Phenom II X4 B40	3357	1235	NA	NA
AMD Phenom II X4 B45	3467	1207	NA	NA
AMD Phenom II X4 B50	3697	1150	NA	NA
AMD Phenom II X4 B55	3853	1105	NA	NA
AMD Phenom II X4 B60	4043	1066	NA	NA
AMD Phenom II X4 B65	4172	1045	NA	NA
AMD Phenom II X4 B70	4261	1028	NA	NA
AMD Phenom II X4 B93	3345	1236	NA	NA
AMD Phenom II X4 B95	3677	1155	50.41	\$72.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B97	3863	1102	67.80	\$56.99*
AMD Phenom II X4 B99	4130	1053	NA	NA
AMD Phenom II X6 1035T	4637	945	24.54	\$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	4795	922	44.40	\$108.01
AMD Phenom II X6 1055T	4956	888	61.77	\$80.24*
AMD Phenom II X6 1065T	5035	870	NA	NA
AMD Phenom II X6 1075T	5324	821	47.12	\$112.99*
AMD Phenom II X6 1090T	5560	782	36.10	\$154.04*
AMD Phenom II X6 1100T	5702	763	32.13	\$177.49*
AMD Phenom II X6 1405T	5042	869	NA	NA
AMD Phenom II X620 Dual-Core	2189	1645	NA	NA
AMD Phenom II X640 Dual-Core	2021	1711	NA	NA
AMD Phenom II X920 Quad-Core	2650	1466	NA	NA
AMD Phenom II X940 Quad-Core	2695	1453	NA	NA
AMD Phenom Ultra X4 24500	3945	1090	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1872	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1638	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1841	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2140	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	2000	NA	NA
AMD Phenom X3 8550	1929	1752	11.35	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1833	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1721	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1628	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1392	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1449	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1455	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2123	NA	NA
AMD PRO A4-3350B APU	2274	1607	NA	NA
AMD PRO A4-8350B	2776	1427	NA	NA
AMD PRO A6-7350B	2759	1434	NA	NA
AMD PRO A6-8500B	2516	1514	NA	NA
AMD PRO A6-8530B	2388	1562	NA	NA
AMD PRO A6-8550B	2970	1359	NA	NA
AMD PRO A6-8570	3049	1336	NA	NA
AMD PRO A6-8570E	2824	1410	NA	NA
AMD PRO A6-9500	2950	1365	39.88	\$74.00*
AMD PRO A6-9500B	2076	1690	NA	NA
AMD PRO A6-9500E	2717	1447	36.73	\$74.00*
AMD PRO A8-8600B	3513	1194	NA	NA
AMD PRO A8-8650B	5248	831	NA	NA
AMD PRO A8-8670E	5015	875	NA	NA
AMD PRO A8-9600	5277	827	44.35	\$119.00*
AMD PRO A8-9600B	3964	1083	NA	NA
AMD PRO A10-8700B	3562	1181	NA	NA
AMD PRO A10-8730B	3971	1080	NA	NA
AMD PRO A10-8750B	5473	792	NA	NA
AMD PRO A10-8770	5707	762	NA	NA
AMD PRO A10-8770E	5035	871	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A10-8850B	5852	747	NA	NA
AMD PRO A10-9700	5677	767	33.59	\$169.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A10-9700B	4380	1002	NA	NA
AMD PRO A10-9700E	5066	861	36.45	\$139.00*
AMD PRO A12-8800B	4111	1056	NA	NA
AMD PRO A12-8830B	4315	1020	NA	NA
AMD PRO A12-8870	6067	727	NA	NA
AMD PRO A12-8870E	5186	842	NA	NA
AMD PRO A12-9800	6132	717	36.29	\$169.00*
AMD PRO A12-9800B	4124	1055	NA	NA
AMD PRO A12-9800E	4769	925	28.22	\$169.00*
AMD QC-4000	1663	1896	NA	NA
AMD R-260H APU	1576	1939	NA	NA
AMD R-460L APU	1954	1740	NA	NA
AMD R-464L APU	3117	1312	NA	NA
AMD RX-427BB	4351	1009	NA	NA
AMD Ryzen 3 1200	6749	657	112.51	\$59.99
AMD Ryzen 3 1300X	7524	579	46.77	\$160.90
AMD Ryzen 3 2200G	7313	603	121.91	\$59.99
AMD Ryzen 3 2200GE	6976	631	NA	NA
AMD Ryzen 3 2200U	4582	962	NA	NA
AMD Ryzen 3 2300U	6103	721	NA	NA
AMD Ryzen 3 2300X	8448	487	NA	NA
AMD Ryzen 3 3200G	7852	544	79.32	\$99.00
AMD Ryzen 3 3200U	4802	921	NA	NA
AMD Ryzen 3 3300U	5103	850	NA	NA
AMD Ryzen 3 PRO 1200	7075	623	NA	NA
AMD Ryzen 3 PRO 1300	8022	529	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	849	NA	NA
AMD Ryzen 3 PRO 2200G	8034	527	NA	NA
AMD Ryzen 3 PRO 2200GE	7613	573	NA	NA
AMD Ryzen 3 PRO 2300U	7092	620	NA	NA
AMD Ryzen 3 PRO 3200GE	8147	515	NA	NA
AMD Ryzen 3 PRO 3300U	6888	645	NA	NA
AMD Ryzen 5 1400	8359	495	57.66	\$144.99
AMD Ryzen 5 1500X	10077	332	72.70	\$138.62
AMD Ryzen 5 1600	12287	237	108.27	\$113.49
AMD Ryzen 5 1600X	13199	210	89.80	\$146.99
AMD Ryzen 5 2400G	9306	403	78.09	\$119.18
AMD Ryzen 5 2400GE	8787	458	NA	NA
AMD Ryzen 5 2500U	7350	598	NA	NA
AMD Ryzen 5 2500X	9898	352	NA	NA
AMD Ryzen 5 2600	13499	205	97.13	\$138.99
AMD Ryzen 5 2600H	8366	494	NA	NA
AMD Ryzen 5 2600X	14357	175	98.07	\$146.40
AMD Ryzen 5 3400G	9971	344	66.48	\$149.99
AMD Ryzen 5 3500U	7989	537	NA	NA
AMD Ryzen 5 3550H	8472	484	NA	NA
AMD Ryzen 5 3600	19974	61	102.49	\$194.89
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 3600X	20463	56	85.62	\$239.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 PRO 1500	10133	325	NA	NA
AMD Ryzen 5 PRO 1600	12213	240	NA	NA
AMD Ryzen 5 PRO 2400G	9968	345	NA	NA
AMD Ryzen 5 PRO 2400GE	8561	479	NA	NA
AMD Ryzen 5 PRO 2500U	8257	503	NA	NA
AMD Ryzen 5 PRO 2600	14221	180	NA	NA
AMD Ryzen 5 PRO 3500U	8455	486	NA	NA
AMD Ryzen 5 PRO 3600	21037	54	NA	NA
AMD Ryzen 7 1700	13772	193	55.09	\$250.00
AMD Ryzen 7 1700X	14683	164	89.56	\$163.95
AMD Ryzen 7 1800X	15421	146	59.31	\$259.99
AMD Ryzen 7 2700	15004	158	81.55	\$183.99
AMD Ryzen 7 2700U	7397	594	NA	NA
AMD Ryzen 7 2700X	16952	105	85.19	\$199.00
AMD Ryzen 7 2800H	8498	482	NA	NA
AMD Ryzen 7 3700U	8036	526	NA	NA
AMD Ryzen 7 3700X	23893	28	62.89	\$379.95
AMD Ryzen 7 3750H	9060	428	NA	NA
AMD Ryzen 7 3800X	24565	22	59.92	\$409.95
AMD Ryzen 7 PRO 1700	14112	181	NA	NA
AMD Ryzen 7 PRO 1700X	15324	150	NA	NA
AMD Ryzen 7 PRO 2700	15406	147	NA	NA
AMD Ryzen 7 PRO 2700U	8801	456	NA	NA
AMD Ryzen 7 PRO 2700X	17161	102	NA	NA
AMD Ryzen 7 PRO 3700U	8282	501	NA	NA
AMD Ryzen 9 3900X	31845	2	42.52	\$749.00
AMD Ryzen Embedded R1505G	4889	900	NA	NA
AMD Ryzen Embedded V1202B	4368	1004	NA	NA
AMD Ryzen Embedded V1605B	6924	640	NA	NA
AMD Ryzen Embedded V1807B	8604	476	NA	NA
AMD Ryzen Threadripper 1900X	16062	131	76.49	\$209.99
AMD Ryzen Threadripper 1920X	19766	67	48.81	\$404.99
AMD Ryzen Threadripper 1950X	21830	44	50.77	\$429.99
AMD Ryzen Threadripper 2920X	22164	38	57.13	\$387.95
AMD Ryzen Threadripper 2950X	25560	14	46.56	\$549.00
AMD Ryzen Threadripper 2970WX	22011	40	23.77	\$926.01
AMD Ryzen Threadripper 2990WX	23071	32	13.62	\$1,693.64
AMD Ryzen Threadripper 2990X	19227	79	NA	NA
AMD Sempron 130	700	2408	28.03	\$24.99*
AMD Sempron 140	738	2390	18.64	\$39.59*
AMD Sempron 145	809	2361	8.52	\$94.92
AMD Sempron 150	747	2384	16.64	\$44.95*
AMD Sempron 200U	267	2793	3.08	\$87.00*
AMD Sempron 210U	391	2639	NA	NA
AMD Sempron 240	2110	1675	36.39	\$58.00
AMD Sempron 2100+	392	2637	NA	NA
AMD Sempron 2200+	282	2773	9.42	\$29.99*
AMD Sempron 2300+	318	2714	7.07	\$45.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2400+	314	2721	12.10	\$26.00*
AMD Sempron 2500+	335	2697	6.11	\$54.95*
AMD Sempron 2600+	374	2652	10.71	\$34.95
AMD Sempron 2650 APU	947	2286	14.59	\$64.95
AMD Sempron 2800+	383	2643	6.40	\$59.95
AMD Sempron 3000+	408	2610	20.41	\$20.00
AMD Sempron 3100+	452	2564	7.53	\$60.00*
AMD Sempron 3200+	406	2611	3.10	\$131.22*
AMD Sempron 3300+	484	2533	8.07	\$60.00
AMD Sempron 3400+	454	2562	18.96	\$23.98
AMD Sempron 3500+	379	2646	18.98	\$20.00*
AMD Sempron 3600+	483	2535	40.30	\$12.00*
AMD Sempron 3800+	554	2480	3.62	\$152.92*
AMD Sempron 3850 APU	1715	1857	23.57	\$72.80
AMD Sempron Dual Core 2100	936	2292	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2251	NA	NA
AMD Sempron Dual Core 2300	982	2259	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2284	NA	NA
AMD Sempron Dual Core 4900	1081	2202	NA	NA
AMD Sempron LE-250	490	2522	NA	NA
AMD Sempron LE-1100	438	2581	NA	NA
AMD Sempron LE-1150	444	2572	NA	NA
AMD Sempron LE-1200	528	2494	NA	NA
AMD Sempron LE-1250	543	2485	5.44	\$99.95*
AMD Sempron LE-1300	598	2456	28.51	\$21.00
AMD Sempron LE-1600	535	2490	NA	NA
AMD Sempron LE-1620	635	2438	NA	NA
AMD Sempron LE-1640	759	2379	NA	NA
AMD Sempron M100	566	2476	47.17	\$12.00*
AMD Sempron M120	582	2465	NA	NA
AMD Sempron SI-40	443	2574	36.93	\$12.00*
AMD Sempron SI-42	456	2561	15.22	\$30.01*
AMD Sempron X2 180	1391	2018	20.05	\$69.40*
AMD Sempron X2 190	1534	1956	18.39	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	2012	NA	NA
AMD Turion 64 Mobile MK-36	465	2548	NA	NA
AMD Turion 64 Mobile MK-38	513	2506	NA	NA
AMD Turion 64 Mobile ML-28	390	2640	NA	NA
AMD Turion 64 Mobile ML-30	402	2621	NA	NA
AMD Turion 64 Mobile ML-32	402	2619	NA	NA
AMD Turion 64 Mobile ML-34	425	2597	NA	NA
AMD Turion 64 Mobile ML-37	442	2575	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2500	NA	NA
AMD Turion 64 Mobile ML-42	615	2447	NA	NA
AMD Turion 64 Mobile ML-44	591	2458	NA	NA
AMD Turion 64 Mobile MT-28	419	2599	NA	NA
AMD Turion 64 Mobile MT-30	378	2647	NA	NA
AMD Turion 64 Mobile MT-32	426	2596	NA	NA
AMD Turion 64 Mobile MT-34	429	2592	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile MT-37	484	2532	NA	NA
AMD Turion 64 Mobile MT-40	536	2489	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2386	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2375	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2320	63.89	\$13.95*
AMD Turion 64 X2 Mobile TL-58	947	2288	NA	NA
AMD Turion 64 X2 Mobile TL-60	996	2250	62.48	\$15.95*
AMD Turion 64 X2 Mobile TL-62	1087	2194	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1090	2193	27.69	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2167	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2154	12.92	\$90.00*
AMD Turion Dual-Core RM-70	912	2310	36.49	\$25.00*
AMD Turion Dual-Core RM-72	860	2329	21.52	\$39.99*
AMD Turion Dual-Core RM-74	1016	2235	NA	NA
AMD Turion Dual-Core RM-75	1003	2243	36.53	\$27.46*
AMD Turion II Dual-Core Mobile M500	1293	2073	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2066	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	2051	NA	NA
AMD Turion II N530 Dual-Core	1583	1937	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1959	NA	NA
AMD Turion II Neo K625 Dual-Core	975	2262	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2137	NA	NA
AMD Turion II Neo N40L Dual-Core	928	2296	NA	NA
AMD Turion II Neo N54L Dual-Core	1364	2034	NA	NA
AMD Turion II P520 Dual-Core	1360	2038	NA	NA
AMD Turion II P540 Dual-Core	1430	2004	28.65	\$49.95*
AMD Turion II P560 Dual-Core	1515	1966	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	2013	52.55	\$26.76*
AMD Turion II Ultra Dual-Core Mobile M620	1435	2001	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1670	1888	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1957	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2357	NA	NA
AMD Turion X2 Dual Core L510	923	2301	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2330	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2211	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	991	2255	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2198	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2210	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1120	2172	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2161	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1017	2234	16.42	\$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2200	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2124	63.72	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2112	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	2072	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1216	2120	30.44	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2249	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2227	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1992	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD V105	299	2741	NA	NA
AMD V120	623	2445	NA	NA
AMD V140	643	2435	12.89	\$49.95*
AMD V160	677	2420	NA	NA
AMD Z-01	523	2499	NA	NA
AMD Z-60 APU	500	2517	NA	NA
AMD-K6 3D	90	2917	NA	NA
AMD-K6-III	108	2914	NA	NA
AMD-K7	403	2618	NA	NA
Athlon 64 Dual Core 3800+	1234	2113	NA	NA
Athlon 64 Dual Core 4200+	1156	2158	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	2031	NA	NA
Athlon 64 Dual Core 5000+	1507	1970	NA	NA
Athlon 64 Dual Core 5400+	1614	1921	NA	NA
Athlon 64 Dual Core 5600+	1548	1948	NA	NA
Athlon Dual Core 4050e	968	2267	NA	NA
Athlon Dual Core 4450e	1204	2128	NA	NA
Athlon Dual Core 4850e	1346	2044	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1404	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1085	2197	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1170	2147	27.88	\$42.00
Celeron Dual-Core T3300 @ 2.00GHz	1201	2131	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	2090	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2127	NA	NA
HP Hexa-Core 2.0GHz	2178	1646	4.32	\$504.27*
Intel 2.80GHz	525	2497	NA	NA
Intel 1300 @ 1.66GHz	857	2332	NA	NA
Intel 1400 @ 1.83GHz	980	2260	NA	NA
Intel 1500 @ 2.00GHz	1024	2229	NA	NA
Intel Atom 230 @ 1.60GHz	307	2728	NA	NA
Intel Atom 330 @ 1.60GHz	587	2462	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2319	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2274	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1685	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1614	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1650	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	1121	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1237	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1296	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1537	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1506	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	910	14.62	\$332.00*
Intel Atom C3958 @ 2.00GHz	6586	674	14.67	\$449.00*
Intel Atom D410 @ 1.66GHz	301	2737	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2689	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2428	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2403	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D2500 @ 1.86GHz	403	2616	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2418	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D2560 @ 2.00GHz	711	2400	NA	NA
Intel Atom D2700 @ 2.13GHz	839	2342	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2397	NA	NA
Intel Atom E660 @ 1.30GHz	271	2789	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2686	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2702	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2467	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2523	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2338	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2155	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	1972	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1786	NA	NA
Intel Atom E3950 @ 1.60GHz	1882	1782	NA	NA
Intel Atom K510 @ 1.66GHz	658	2427	NA	NA
Intel Atom N270 @ 1.60GHz	270	2792	NA	NA
Intel Atom N280 @ 1.66GHz	282	2771	NA	NA
Intel Atom N435 @ 1.33GHz	261	2800	NA	NA
Intel Atom N450 @ 1.66GHz	296	2746	NA	NA
Intel Atom N455 @ 1.66GHz	283	2769	NA	NA
Intel Atom N470 @ 1.83GHz	318	2713	NA	NA
Intel Atom N475 @ 1.83GHz	314	2719	NA	NA
Intel Atom N550 @ 1.50GHz	524	2498	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	573	2472	6.66	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2733	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2495	NA	NA
Intel Atom N2800 @ 1.86GHz	625	2443	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2307	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1703	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2358	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1607	1924	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1192	2134	8.97	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1015	2236	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1270	2094	60.49	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1693	1875	27.07	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1832	1807	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1891	1776	25.69	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1894	1772	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2868	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2844	NA	NA
Intel Atom Z520 @ 1.33GHz	217	2845	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2777	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2683	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2644	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2824	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2475	NA	NA
Intel Atom Z3735D @ 1.33GHz	915	2308	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3735E @ 1.33GHz	927	2297	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2314	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2315	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3736F @ 1.33GHz	919	2306	NA	NA
Intel Atom Z3740 @ 1.33GHz	1061	2209	NA	NA
Intel Atom Z3740D @ 1.33GHz	1025	2228	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2204	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1034	2223	NA	NA
Intel Atom Z3770 @ 1.46GHz	1245	2109	8.34	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2362	NA	NA
Intel Atom Z3775 @ 1.46GHz	1260	2097	36.01	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2087	NA	NA
Intel Atom Z3795 @ 1.60GHz	1774	1827	NA	NA
Intel Celeron 1.70GHz	130	2907	NA	NA
Intel Celeron 1.80GHz	136	2904	NA	NA
Intel Celeron 2.00GHz	182	2880	NA	NA
Intel Celeron 2.10GHz	244	2822	NA	NA
Intel Celeron 2.13GHz	208	2855	NA	NA
Intel Celeron 2.20GHz	213	2850	NA	NA
Intel Celeron 2.26GHz	223	2839	NA	NA
Intel Celeron 2.30GHz	227	2836	NA	NA
Intel Celeron 2.40GHz	217	2846	NA	NA
Intel Celeron 2.50GHz	247	2816	NA	NA
Intel Celeron 2.53GHz	245	2820	NA	NA
Intel Celeron 2.60GHz	238	2826	NA	NA
Intel Celeron 2.66GHz	249	2814	NA	NA
Intel Celeron 2.70GHz	245	2821	NA	NA
Intel Celeron 2.80GHz	254	2806	NA	NA
Intel Celeron 2.93GHz	283	2768	NA	NA
Intel Celeron 3.06GHz	284	2765	NA	NA
Intel Celeron 3.20GHz	288	2758	NA	NA
Intel Celeron 3.33GHz	333	2700	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2708	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2710	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2566	11.27	\$39.99*
Intel Celeron 430 @ 1.80GHz	487	2524	10.34	\$47.18
Intel Celeron 440 @ 2.00GHz	548	2481	18.28	\$29.99
Intel Celeron 450 @ 2.20GHz	625	2444	20.86	\$29.99*
Intel Celeron 530 @ 1.73GHz	474	2542	20.62	\$22.99*
Intel Celeron 540 @ 1.86GHz	521	2501	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2503	7.96	\$64.95
Intel Celeron 560 @ 2.13GHz	531	2492	6.65	\$79.95
Intel Celeron 570 @ 2.26GHz	517	2502	NA	NA
Intel Celeron 600MHz	147	2900	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2614	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2591	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2383	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2661	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 827E @ 1.40GHz	613	2448	NA	NA
Intel Celeron 847 @ 1.10GHz	934	2293	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2232	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2165	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 867 @ 1.30GHz	1173	2145	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	2076	NA	NA
Intel Celeron 887 @ 1.50GHz	1280	2086	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2421	23.32	\$28.99
Intel Celeron 925 @ 2.30GHz	691	2413	NA	NA
Intel Celeron 1000M @ 1.80GHz	1675	1885	NA	NA
Intel Celeron 1000MHz	213	2849	NA	NA
Intel Celeron 1005M @ 1.90GHz	1809	1815	NA	NA
Intel Celeron 1007U @ 1.50GHz	1390	2020	7.52	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1513	1969	NA	NA
Intel Celeron 1019Y @ 1.00GHz	946	2289	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1629	NA	NA
Intel Celeron 1037U @ 1.80GHz	1737	1848	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2136	NA	NA
Intel Celeron 1066MHz	259	2802	NA	NA
Intel Celeron 1100MHz	174	2886	NA	NA
Intel Celeron 1133MHz	282	2770	NA	NA
Intel Celeron 1200MHz	244	2823	NA	NA
Intel Celeron 1300MHz	288	2760	NA	NA
Intel Celeron 1333MHz	290	2754	NA	NA
Intel Celeron 1400MHz	302	2734	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1573	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1925	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1984	1726	NA	NA
Intel Celeron 2955U @ 1.40GHz	1417	2009	NA	NA
Intel Celeron 2957U @ 1.40GHz	1434	2002	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2180	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1588	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1934	NA	NA
Intel Celeron 2981U @ 1.60GHz	1364	2035	NA	NA
Intel Celeron 3205U @ 1.50GHz	1499	1975	5.22	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1641	1906	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1869	NA	NA
Intel Celeron 3765U @ 1.90GHz	1948	1745	NA	NA
Intel Celeron 3855U @ 1.60GHz	1686	1879	NA	NA
Intel Celeron 3865U @ 1.80GHz	1913	1762	NA	NA
Intel Celeron 3867U @ 1.80GHz	1843	1798	17.23	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1924	1756	NA	NA
Intel Celeron 3965U @ 2.20GHz	2358	1574	22.04	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1607	1923	15.03	\$107.00*
Intel Celeron 4205U @ 1.80GHz	1953	1742	18.25	\$107.00*
Intel Celeron @ 1.30GHz	965	2268	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2874	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2355	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	1278	2089	NA	NA
Intel Celeron B810 @ 1.60GHz	1395	2017	NA	NA
Intel Celeron B815 @ 1.60GHz	1365	2033	NA	NA
Intel Celeron B820 @ 1.70GHz	1431	2003	36.45	\$39.29*
Intel Celeron B830 @ 1.80GHz	1515	1968	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron B840 @ 1.90GHz	1719	1854	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2791	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2735	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2716	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2696	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2615	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2536	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2463	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2331	7.80	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1048	2216	14.98	\$69.99
Intel Celeron E1500 @ 2.20GHz	1169	2149	59.51	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2099	NA	NA
Intel Celeron E3200 @ 2.40GHz	1382	2023	26.59	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1388	2021	24.36	\$57.00
Intel Celeron E3400 @ 2.60GHz	1440	1999	2.36	\$610.00*
Intel Celeron E3500 @ 2.70GHz	1454	1991	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	694	2410	13.90	\$49.99*
Intel Celeron G460 @ 1.80GHz	1035	2222	15.93	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2207	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2070	NA	NA
Intel Celeron G530 @ 2.40GHz	2130	1663	53.27	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1855	NA	NA
Intel Celeron G540 @ 2.50GHz	2196	1643	48.82	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1671	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1595	28.63	\$80.00
Intel Celeron G550T @ 2.20GHz	2032	1707	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1548	22.23	\$109.00
Intel Celeron G1101 @ 2.27GHz	1667	1892	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2490	1526	52.98	\$47.00
Intel Celeron G1610T @ 2.30GHz	2270	1610	56.72	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2577	1489	39.66	\$64.99
Intel Celeron G1620T @ 2.40GHz	2353	1578	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1524	35.63	\$69.99
Intel Celeron G1820 @ 2.70GHz	2754	1437	34.44	\$79.99
Intel Celeron G1820T @ 2.40GHz	2500	1523	59.54	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1662	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1504	26.80	\$94.95
Intel Celeron G1840 @ 2.80GHz	2859	1401	31.78	\$90.00
Intel Celeron G1840T @ 2.50GHz	2554	1499	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1380	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3139	1304	57.10	\$54.99
Intel Celeron G3900E @ 2.40GHz	2679	1458	NA	NA
Intel Celeron G3900T @ 2.60GHz	2925	1377	26.01	\$112.46*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3900TE @ 2.30GHz	2591	1484	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1309	27.40	\$113.99*
Intel Celeron G3930 @ 2.90GHz	3036	1337	59.34	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1430	46.41	\$59.61
Intel Celeron G3930TE @ 2.70GHz	2970	1360	70.72	\$42.00*
Intel Celeron G3950 @ 3.00GHz	3049	1335	42.82	\$71.22*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G4900 @ 3.10GHz	3285	1253	73.53	\$44.69
Intel Celeron G4900T @ 2.90GHz	3096	1317	NA	NA
Intel Celeron G4920 @ 3.20GHz	3192	1283	41.74	\$76.50*
Intel Celeron J1750 @ 2.41GHz	1037	2221	NA	NA
Intel Celeron J1800 @ 2.41GHz	1030	2225	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1919	NA	NA
Intel Celeron J1900 @ 1.99GHz	1838	1803	NA	NA
Intel Celeron J3060 @ 1.60GHz	971	2265	NA	NA
Intel Celeron J3160 @ 1.60GHz	1793	1820	NA	NA
Intel Celeron J3355 @ 2.00GHz	1168	2150	NA	NA
Intel Celeron J3455 @ 1.50GHz	2110	1674	5.71	\$369.99
Intel Celeron J4005 @ 2.00GHz	1541	1951	10.97	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2641	1468	24.68	\$107.00*
Intel Celeron M 1.00GHz	207	2856	16.60	\$12.49
Intel Celeron M 1.30GHz	316	2715	NA	NA
Intel Celeron M 1.50GHz	343	2691	NA	NA
Intel Celeron M 1.60GHz	364	2670	NA	NA
Intel Celeron M 1.70GHz	393	2635	NA	NA
Intel Celeron M 360 1.40GHz	328	2704	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2717	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2693	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2663	NA	NA
Intel Celeron M 440 @ 1.86GHz	392	2636	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2808	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2567	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2590	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2552	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2486	NA	NA
Intel Celeron M 600MHz	151	2898	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2560	NA	NA
Intel Celeron M 900MHz	204	2858	NA	NA
Intel Celeron M 1200MHz	275	2786	NA	NA
Intel Celeron M 1300MHz	303	2731	NA	NA
Intel Celeron M 1500MHz	333	2701	NA	NA
Intel Celeron M ULV 800MHz	184	2878	NA	NA
Intel Celeron N2805 @ 1.46GHz	460	2557	NA	NA
Intel Celeron N2806 @ 1.60GHz	796	2363	NA	NA
Intel Celeron N2807 @ 1.58GHz	856	2333	NA	NA
Intel Celeron N2808 @ 1.58GHz	902	2316	NA	NA
Intel Celeron N2810 @ 2.00GHz	787	2368	5.62	\$139.99*
Intel Celeron N2815 @ 1.86GHz	851	2337	NA	NA
Intel Celeron N2820 @ 2.13GHz	922	2303	4.39	\$209.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2830 @ 2.16GHz	955	2279	NA	NA
Intel Celeron N2840 @ 2.16GHz	1002	2245	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2129	NA	NA
Intel Celeron N2920 @ 1.86GHz	1500	1974	NA	NA
Intel Celeron N2930 @ 1.83GHz	1629	1914	NA	NA
Intel Celeron N2940 @ 1.83GHz	1730	1849	NA	NA
Intel Celeron N3000 @ 1.04GHz	909	2312	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N3010 @ 1.04GHz	964	2269	NA	NA
Intel Celeron N3050 @ 1.60GHz	879	2322	5.78	\$152.15
Intel Celeron N3060 @ 1.60GHz	990	2257	NA	NA
Intel Celeron N3150 @ 1.60GHz	1657	1899	NA	NA
Intel Celeron N3160 @ 1.60GHz	1664	1894	5.38	\$309.19
Intel Celeron N3350 @ 1.10GHz	1112	2178	NA	NA
Intel Celeron N3450 @ 1.10GHz	1843	1799	11.68	\$157.91
Intel Celeron N4000 @ 1.10GHz	1428	2005	13.35	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2257	1616	21.10	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1119	2173	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2253	NA	NA
Intel Celeron P4600 @ 2.00GHz	1328	2055	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2372	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2283	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2212	35.29	\$29.99*
Intel Celeron U1900 @ 1.99GHz	1704	1868	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2395	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2415	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2360	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2214	6.57	\$159.95*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2157	23.15	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1270	2092	17.84	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1384	2022	8.77	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	1984	54.88	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1108	2182	85.33	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2138	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1288	2078	43.03	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1360	2039	27.21	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	1995	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1499	1976	100.27	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1554	1947	103.67	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1876	56.45	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1714	1858	166.50	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1946	1746	38.94	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1628	1915	33.24	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1726	1851	43.29	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1769	1829	61.05	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1785	125.03	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1964	1735	16.38	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1490	1979	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1761	1831	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8200 @ 2.66GHz	1883	1780	37.67	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1739	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1576	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1989	1723	99.53	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1794	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1667	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2149	1657	47.24	\$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2116	1670	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8500 @ 3.16GHz	2281	1601	57.06	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2400	1558	56.54	\$42.45*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1636	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2377	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2416	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2351	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2340	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	959	2276	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2263	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2175	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1074	2206	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1345	2045	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	2077	64.48	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1307	2065	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	2010	35.43	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2290	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1963	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1452	1994	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2231	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1454	1993	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1955	31.25	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1917	42.76	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1845	30.55	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1944	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1753	1839	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1754	1837	17.72	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1864	1790	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2015	1713	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2461	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2104	4.95	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1677	1884	5.91	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	925	2298	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	833	2346	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	839	2345	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2356	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	932	2294	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2309	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2313	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2302	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1039	2220	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5600 @ 1.83GHz	1029	2226	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2254	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1094	2192	109.58	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1116	2176	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1200	2132	75.48	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1147	2163	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1208	2125	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2116	81.79	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1285	2082	85.77	\$14.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T6570 @ 2.10GHz	1258	2098	32.70	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1360	2037	71.99	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1360	2040	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1019	2233	46.36	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	2151	11.68	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1116	2174	5.54	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1193	2133	38.50	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1250	2106	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1271	2091	29.57	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1378	2028	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1423	2007	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1597	1931	2.63	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1297	2071	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1473	1986	13.52	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1673	1886	28.86	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1739	1846	38.70	\$44.95*
Intel Core2 Duo T9500 @ 2.60GHz	1793	1821	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1806	1816	6.04	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1753	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2016	1712	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2133	1661	5.35	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	874	2325	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2459	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2423	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2409	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	855	2335	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1128	2170	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1878	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1159	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3632	1162	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1209	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1875	1784	7.11	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1818	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2053	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1881	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1773	4.62	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2068	1693	2.43	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4156	1048	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	979	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme X9770 @ 3.20GHz	4614	952	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	944	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2948	1366	73.75	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3281	1255	72.94	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2809	1417	122.23	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2979	1354	59.61	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3160	1298	13.17	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2525	1508	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1267	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3159	1299	15.83	\$199.50*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9400 @ 2.66GHz	3339	1242	69.53	\$48.03*
Intel Core2 Quad Q9450 @ 2.66GHz	3757	1134	105.26	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3519	1193	100.60	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3531	1190	18.59	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3963	1084	89.09	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4159	1047	37.83	\$109.95
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1088	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2674	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2724	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2601	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	464	2549	NA	NA
Intel Core 330 @ 1.60GHz	643	2434	NA	NA
Intel Core 860 @ 2.80GHz	4555	965	26.96	\$169.00*
Intel Core Duo L2300 @ 1.50GHz	719	2398	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2406	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2385	NA	NA
Intel Core Duo T2050 @ 1.60GHz	694	2411	NA	NA
Intel Core Duo T2250 @ 1.73GHz	754	2381	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2393	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2376	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2365	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2350	NA	NA
Intel Core Duo T2500 @ 2.00GHz	867	2328	7.23	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2291	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2230	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2483	NA	NA
Intel Core Duo U2500 @ 1.20GHz	511	2509	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1750	NA	NA
Intel Core i3-330M @ 2.13GHz	1785	1824	11.16	\$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2205	NA	NA
Intel Core i3-350M @ 2.27GHz	1891	1775	112.94	\$16.75
Intel Core i3-370M @ 2.40GHz	2015	1714	50.43	\$39.96*
Intel Core i3-380M @ 2.53GHz	2092	1681	34.91	\$59.95
Intel Core i3-380UM @ 1.33GHz	1157	2156	NA	NA
Intel Core i3-390M @ 2.67GHz	2167	1652	55.65	\$38.95*
Intel Core i3-530 @ 2.93GHz	2565	1495	23.76	\$108.00
Intel Core i3-540 @ 3.07GHz	2686	1456	20.67	\$129.99
Intel Core i3-550 @ 3.20GHz	2829	1408	16.10	\$175.74

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-560 @ 3.33GHz	2934	1371	16.31	\$179.95*
Intel Core i3-2100 @ 3.10GHz	3692	1153	67.14	\$54.99
Intel Core i3-2100T @ 2.50GHz	2967	1361	49.46	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1140	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3712	1148	32.29	\$114.99*
Intel Core i3-2120 @ 3.30GHz	3930	1094	56.14	\$70.00
Intel Core i3-2120T @ 2.60GHz	3166	1292	126.69	\$24.99
Intel Core i3-2125 @ 3.30GHz	4015	1071	19.40	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4075	1062	35.44	\$114.99
Intel Core i3-2140 @ 3.50GHz	4325	1015	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1403	12.62	\$225.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2310M @ 2.10GHz	2432	1545	62.68	\$38.81
Intel Core i3-2312M @ 2.10GHz	2374	1568	NA	NA
Intel Core i3-2328M @ 2.20GHz	2545	1502	27.38	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1325	NA	NA
Intel Core i3-2330M @ 2.20GHz	2526	1507	50.57	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1565	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1853	NA	NA
Intel Core i3-2348M @ 2.30GHz	2621	1474	NA	NA
Intel Core i3-2350M @ 2.30GHz	2631	1471	82.53	\$31.88
Intel Core i3-2357M @ 1.30GHz	1556	1946	NA	NA
Intel Core i3-2365M @ 1.40GHz	1678	1883	NA	NA
Intel Core i3-2367M @ 1.40GHz	1708	1865	NA	NA
Intel Core i3-2370M @ 2.40GHz	2777	1426	69.77	\$39.81
Intel Core i3-2375M @ 1.50GHz	1769	1828	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1811	NA	NA
Intel Core i3-3110M @ 2.40GHz	3081	1322	38.54	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3225	1273	29.32	\$110.00*
Intel Core i3-3130M @ 2.60GHz	3384	1227	NA	NA
Intel Core i3-3210 @ 3.20GHz	4042	1067	20.32	\$199.00
Intel Core i3-3217U @ 1.80GHz	2301	1594	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1654	NA	NA
Intel Core i3-3220 @ 3.30GHz	4245	1031	77.20	\$54.99
Intel Core i3-3220T @ 2.80GHz	3695	1151	29.56	\$125.00
Intel Core i3-3225 @ 3.30GHz	4345	1011	13.37	\$324.99
Intel Core i3-3227U @ 1.90GHz	2467	1533	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1871	NA	NA
Intel Core i3-3240 @ 3.40GHz	4318	1018	86.36	\$50.00
Intel Core i3-3240T @ 2.90GHz	3659	1158	NA	NA
Intel Core i3-3245 @ 3.40GHz	4444	988	25.84	\$172.01*
Intel Core i3-3250 @ 3.50GHz	4455	984	46.90	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1165	NA	NA
Intel Core i3-4000M @ 2.40GHz	3257	1261	16.29	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2444	1541	NA	NA
Intel Core i3-4010U @ 1.70GHz	2441	1543	16.28	\$149.99
Intel Core i3-4010Y @ 1.30GHz	1900	1769	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2164	1653	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2211	1637	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4025U @ 1.90GHz	2787	1424	NA	NA
Intel Core i3-4030U @ 1.90GHz	2716	1448	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1519	NA	NA
Intel Core i3-4100M @ 2.50GHz	3417	1216	15.64	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3854	1104	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1389	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1334	NA	NA
Intel Core i3-4130 @ 3.40GHz	4803	918	53.38	\$89.99
Intel Core i3-4130T @ 2.90GHz	4147	1050	46.61	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4899	899	49.49	\$99.00
Intel Core i3-4150T @ 3.00GHz	4227	1033	18.39	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1378	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4160 @ 3.60GHz	5048	868	46.32	\$109.00
Intel Core i3-4160T @ 3.10GHz	4451	987	29.68	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5192	840	19.98	\$259.95
Intel Core i3-4170T @ 3.20GHz	4545	971	21.65	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5086	853	27.68	\$183.77
Intel Core i3-4330T @ 3.00GHz	4485	983	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1279	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	834	30.84	\$169.99*
Intel Core i3-4350 @ 3.60GHz	4990	879	29.36	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	1023	NA	NA
Intel Core i3-4360 @ 3.70GHz	5461	799	21.09	\$259.00
Intel Core i3-4360T @ 3.20GHz	4636	946	NA	NA
Intel Core i3-4370 @ 3.80GHz	5613	775	18.17	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4870	901	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	891	NA	NA
Intel Core i3-5005U @ 2.00GHz	2907	1383	NA	NA
Intel Core i3-5010U @ 2.10GHz	3056	1331	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	2992	1349	NA	NA
Intel Core i3-5020U @ 2.20GHz	3202	1278	6.98	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	1156	NA	NA
Intel Core i3-6006U @ 2.00GHz	3082	1321	NA	NA
Intel Core i3-6098P @ 3.60GHz	5400	806	40.38	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5483	791	42.51	\$129.00
Intel Core i3-6100E @ 2.70GHz	3769	1128	NA	NA
Intel Core i3-6100H @ 2.70GHz	4222	1036	NA	NA
Intel Core i3-6100T @ 3.20GHz	4854	909	35.96	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	4304	1022	NA	NA
Intel Core i3-6100U @ 2.30GHz	3605	1169	7.00	\$515.00*
Intel Core i3-6102E @ 1.90GHz	3196	1282	14.20	\$225.00*
Intel Core i3-6157U @ 2.40GHz	3835	1112	NA	NA
Intel Core i3-6300 @ 3.80GHz	5845	749	10.78	\$541.99
Intel Core i3-6300T @ 3.30GHz	5247	833	33.86	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6047	728	23.09	\$261.85
Intel Core i3-7020U @ 2.30GHz	3538	1189	12.59	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5783	754	33.16	\$174.40
Intel Core i3-7100H @ 3.00GHz	4627	951	20.57	\$225.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7100T @ 3.40GHz	5056	866	35.30	\$143.21
Intel Core i3-7100U @ 2.40GHz	3767	1130	9.90	\$380.64*
Intel Core i3-7101TE @ 3.40GHz	5189	841	44.36	\$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1256	14.52	\$225.00*
Intel Core i3-7130U @ 2.70GHz	4058	1064	8.82	\$459.99*
Intel Core i3-7167U @ 2.80GHz	4757	926	NA	NA
Intel Core i3-7300 @ 4.00GHz	6328	699	36.83	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	813	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6417	689	35.12	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6599	673	38.15	\$172.99
Intel Core i3-8100 @ 3.60GHz	8019	530	66.84	\$119.99
Intel Core i3-8100B @ 3.60GHz	8544	480	64.24	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7340	600	56.90	\$129.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8109U @ 3.00GHz	6171	711	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	920	NA	NA
Intel Core i3-8130U @ 2.20GHz	5026	872	17.89	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5532	788	19.69	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8706	466	48.33	\$180.15
Intel Core i3-8300T @ 3.20GHz	8032	528	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9235	409	46.47	\$198.75
Intel Core i3-9100 @ 3.60GHz	9114	422	50.64	\$179.99
Intel Core i3-9100F @ 3.60GHz	8993	436	99.94	\$89.99
Intel Core i3-9100T @ 3.10GHz	7689	563	63.03	\$122.00*
Intel Core i3-9300 @ 3.70GHz	10018	336	65.91	\$152.00*
Intel Core i3-9300T @ 3.20GHz	8777	459	61.38	\$143.00*
Intel Core i3-9350KF @ 4.00GHz	10606	296	49.56	\$214.00
Intel Core i3-21050 @ 3.10GHz	3862	1103	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1642	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1529	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3607	1167	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3793	1123	NA	NA
Intel Core i5-430M @ 2.27GHz	2095	1680	14.97	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	2049	NA	NA
Intel Core i5-450M @ 2.40GHz	2129	1666	66.64	\$31.95*
Intel Core i5-460M @ 2.53GHz	2321	1582	29.04	\$79.95*
Intel Core i5-470UM @ 1.33GHz	1081	2203	NA	NA
Intel Core i5-480M @ 2.67GHz	2402	1555	29.81	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1623	NA	NA
Intel Core i5-520M @ 2.40GHz	2368	1570	33.84	\$69.99*
Intel Core i5-520UM @ 1.07GHz	1351	2042	NA	NA
Intel Core i5-540M @ 2.53GHz	2453	1538	12.92	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	2030	NA	NA
Intel Core i5-560M @ 2.67GHz	2578	1488	31.46	\$81.97*
Intel Core i5-560UM @ 1.33GHz	1664	1895	NA	NA
Intel Core i5-580M @ 2.67GHz	2580	1487	23.47	\$109.95*
Intel Core i5-650 @ 3.20GHz	3097	1316	36.44	\$84.99*
Intel Core i5-655K @ 3.20GHz	3386	1226	56.45	\$59.99*
Intel Core i5-660 @ 3.33GHz	3250	1263	104.02	\$31.25*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-661 @ 3.33GHz	3188	1285	13.86	\$229.99*
Intel Core i5-670 @ 3.47GHz	3313	1247	11.88	\$279.00*
Intel Core i5-680 @ 3.60GHz	3512	1195	39.03	\$89.99*
Intel Core i5-750 @ 2.67GHz	3689	1154	17.86	\$206.56*
Intel Core i5-760 @ 2.80GHz	3884	1099	43.17	\$89.99*
Intel Core i5-2300 @ 2.80GHz	5364	815	67.07	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5532	787	29.69	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5771	756	36.07	\$160.00
Intel Core i5-2380P @ 3.10GHz	5749	760	31.94	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4223	1035	42.27	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5970	733	87.80	\$68.00
Intel Core i5-2400S @ 2.50GHz	4985	881	14.66	\$339.95*
Intel Core i5-2405S @ 2.50GHz	5082	856	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3168	1290	44.01	\$72.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2415M @ 2.30GHz	3299	1250	NA	NA
Intel Core i5-2430M @ 2.40GHz	3285	1254	36.87	\$89.11*
Intel Core i5-2435M @ 2.40GHz	3232	1270	NA	NA
Intel Core i5-2450M @ 2.50GHz	3401	1220	38.65	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6149	715	68.34	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2322	1581	NA	NA
Intel Core i5-2500 @ 3.30GHz	6347	697	115.40	\$55.00
Intel Core i5-2500K @ 3.30GHz	6477	682	14.92	\$434.26*
Intel Core i5-2500S @ 2.70GHz	5379	812	71.74	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4647	943	51.64	\$89.99*
Intel Core i5-2510E @ 2.50GHz	3483	1202	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1248	NA	NA
Intel Core i5-2520M @ 2.50GHz	3593	1172	21.19	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2081	1687	NA	NA
Intel Core i5-2540M @ 2.60GHz	3787	1125	65.28	\$58.02
Intel Core i5-2550K @ 3.40GHz	6665	666	35.08	\$190.00*
Intel Core i5-2557M @ 1.70GHz	2691	1454	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1135	NA	NA
Intel Core i5-3210M @ 2.50GHz	3828	1114	56.10	\$68.24
Intel Core i5-3230M @ 2.60GHz	3943	1091	17.39	\$226.77*
Intel Core i5-3317U @ 1.70GHz	3091	1318	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4132	1052	55.06	\$75.05*
Intel Core i5-3330 @ 3.00GHz	5949	735	29.75	\$200.00*
Intel Core i5-3330S @ 2.70GHz	5678	766	59.78	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	753	NA	NA
Intel Core i5-3337U @ 1.80GHz	3229	1271	14.35	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1635	NA	NA
Intel Core i5-3340 @ 3.10GHz	6098	723	20.81	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4247	1030	53.13	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	748	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6151	714	41.01	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4437	991	47.81	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4440	989	NA	NA
Intel Core i5-3427U @ 1.80GHz	3548	1184	8.45	\$420.05*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3437U @ 1.90GHz	3630	1163	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1374	NA	NA
Intel Core i5-3450 @ 3.10GHz	6540	679	29.82	\$219.33*
Intel Core i5-3450S @ 2.80GHz	6229	705	44.81	\$139.00*
Intel Core i5-3470 @ 3.20GHz	6721	661	81.24	\$82.74
Intel Core i5-3470S @ 2.90GHz	6383	694	50.31	\$126.89
Intel Core i5-3470T @ 2.90GHz	4490	981	14.53	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6612	671	46.08	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6966	632	69.67	\$99.99*
Intel Core i5-3550S @ 3.00GHz	6910	642	20.95	\$329.95*
Intel Core i5-3570 @ 3.40GHz	7136	617	89.22	\$79.99
Intel Core i5-3570K @ 3.40GHz	7178	615	51.28	\$139.99
Intel Core i5-3570S @ 3.10GHz	6748	659	23.68	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5914	740	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3898	1098	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4200H @ 2.80GHz	4451	986	NA	NA
Intel Core i5-4200M @ 2.50GHz	4036	1068	49.76	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3297	1252	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1554	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2262	1613	NA	NA
Intel Core i5-4210H @ 2.90GHz	4532	974	NA	NA
Intel Core i5-4210M @ 2.60GHz	4206	1039	13.57	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3406	1219	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2378	1566	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1591	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1388	NA	NA
Intel Core i5-4250U @ 1.30GHz	3446	1212	9.60	\$359.00
Intel Core i5-4258U @ 2.40GHz	4085	1060	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1178	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	1005	NA	NA
Intel Core i5-4288U @ 2.60GHz	4309	1021	NA	NA
Intel Core i5-4300M @ 2.60GHz	4437	990	NA	NA
Intel Core i5-4300U @ 1.90GHz	3745	1139	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2505	1520	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1357	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	1037	NA	NA
Intel Core i5-4310M @ 2.70GHz	4654	941	NA	NA
Intel Core i5-4310U @ 2.00GHz	3768	1129	NA	NA
Intel Core i5-4330M @ 2.80GHz	4547	970	16.54	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4861	908	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1166	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	968	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1089	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1419	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6339	698	24.53	\$258.41*
Intel Core i5-4430S @ 2.70GHz	5937	738	37.11	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6516	680	13.11	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6255	703	13.51	\$462.97*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4460 @ 3.20GHz	6720	662	29.61	\$227.00
Intel Core i5-4460S @ 2.90GHz	6426	687	9.74	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4964	887	NA	NA
Intel Core i5-4570 @ 3.20GHz	7151	616	61.28	\$116.70
Intel Core i5-4570R @ 2.70GHz	6756	656	NA	NA
Intel Core i5-4570S @ 2.90GHz	6835	648	30.38	\$224.99
Intel Core i5-4570T @ 2.90GHz	4818	913	32.13	\$149.99*
Intel Core i5-4570TE @ 2.70GHz	3827	1115	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7336	601	56.44	\$129.99
Intel Core i5-4590S @ 3.00GHz	7069	624	58.92	\$119.99
Intel Core i5-4590T @ 2.00GHz	5612	776	26.73	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7465	584	32.18	\$232.00
Intel Core i5-4670K @ 3.40GHz	7636	571	22.21	\$343.89
Intel Core i5-4670K CPT @ 3.40GHz	7411	593	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	592	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7386	596	34.68	\$213.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4670T @ 2.30GHz	6168	713	23.81	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7688	564	32.17	\$238.99
Intel Core i5-4690K @ 3.50GHz	7796	553	50.63	\$154.00
Intel Core i5-4690S @ 3.20GHz	7427	589	20.68	\$359.21*
Intel Core i5-4690T @ 2.50GHz	6565	676	NA	NA
Intel Core i5-5200U @ 2.20GHz	3491	1199	NA	NA
Intel Core i5-5250U @ 1.60GHz	3595	1171	8.14	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4410	998	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	934	NA	NA
Intel Core i5-5300U @ 2.30GHz	3826	1116	7.42	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3500	1198	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	582	NA	NA
Intel Core i5-5675C @ 3.10GHz	8191	510	26.43	\$309.95*
Intel Core i5-5675R @ 3.10GHz	7991	536	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4149	1049	NA	NA
Intel Core i5-6200U @ 2.30GHz	4023	1069	NA	NA
Intel Core i5-6260U @ 1.80GHz	4361	1006	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4967	886	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	927	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6096	724	NA	NA
Intel Core i5-6300U @ 2.40GHz	4371	1003	NA	NA
Intel Core i5-6360U @ 2.00GHz	4686	937	NA	NA
Intel Core i5-6400 @ 2.70GHz	6766	653	19.90	\$340.03*
Intel Core i5-6400T @ 2.20GHz	5624	773	21.64	\$259.95*
Intel Core i5-6402P @ 2.80GHz	7124	618	37.50	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	706	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6811	650	NA	NA
Intel Core i5-6500 @ 3.20GHz	7251	608	45.07	\$160.89
Intel Core i5-6500T @ 2.50GHz	6294	700	43.42	\$144.99*
Intel Core i5-6500TE @ 2.30GHz	6579	675	31.33	\$209.99*
Intel Core i5-6600 @ 3.30GHz	7780	556	29.68	\$262.13
Intel Core i5-6600K @ 3.50GHz	8062	524	30.64	\$263.11*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6600T @ 2.70GHz	7342	599	24.48	\$299.95*
Intel Core i5-7200U @ 2.50GHz	4600	957	NA	NA
Intel Core i5-7260U @ 2.20GHz	5669	768	10.16	\$557.98
Intel Core i5-7267U @ 3.10GHz	4976	883	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	772	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6780	652	NA	NA
Intel Core i5-7300U @ 2.60GHz	5185	843	10.97	\$472.75
Intel Core i5-7360U @ 2.30GHz	5882	744	NA	NA
Intel Core i5-7400 @ 3.00GHz	7316	602	35.18	\$208.00
Intel Core i5-7400T @ 2.40GHz	6403	690	30.34	\$211.07
Intel Core i5-7440HQ @ 2.80GHz	7664	569	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	6262	702	25.05	\$250.00*
Intel Core i5-7500 @ 3.40GHz	8018	531	40.10	\$199.98
Intel Core i5-7500T @ 2.70GHz	7004	627	26.95	\$259.90
Intel Core i5-7600 @ 3.50GHz	8732	465	28.17	\$309.98*
Intel Core i5-7600K @ 3.80GHz	9115	421	33.26	\$274.10
Intel Core i5-7600T @ 2.80GHz	8111	522	23.24	\$348.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7640X @ 4.00GHz	9532	383	54.02	\$176.47
Intel Core i5-8200Y @ 1.30GHz	4339	1013	14.91	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4284	1025	NA	NA
Intel Core i5-8250U @ 1.60GHz	7675	567	NA	NA
Intel Core i5-8259U @ 2.30GHz	11002	274	14.31	\$768.98
Intel Core i5-8265U @ 1.60GHz	8001	533	26.94	\$297.00*
Intel Core i5-8265UC @ 1.60GHz	7780	557	NA	NA
Intel Core i5-8300H @ 2.30GHz	9492	387	37.97	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8947	444	NA	NA
Intel Core i5-8350U @ 1.70GHz	8179	512	27.54	\$297.00*
Intel Core i5-8365U @ 1.60GHz	8478	483	28.55	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11649	255	56.36	\$206.69
Intel Core i5-8400H @ 2.50GHz	10255	317	41.02	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9536	382	56.43	\$169.00
Intel Core i5-8500 @ 3.00GHz	11897	247	51.95	\$229.00
Intel Core i5-8500B @ 3.00GHz	12756	223	66.44	\$192.00*
Intel Core i5-8500T @ 2.10GHz	10020	335	42.76	\$234.36*
Intel Core i5-8600 @ 3.10GHz	12607	228	45.48	\$277.21*
Intel Core i5-8600K @ 3.60GHz	12757	222	44.46	\$286.94
Intel Core i5-8600T @ 2.30GHz	10981	275	29.92	\$366.99*
Intel Core i5-9300H @ 2.40GHz	9723	371	38.89	\$250.00*
Intel Core i5-9400 @ 2.90GHz	11778	252	60.41	\$194.99
Intel Core i5-9400F @ 2.90GHz	12128	242	86.65	\$139.98
Intel Core i5-9400H @ 2.50GHz	10376	309	41.51	\$250.00*
Intel Core i5-9400T @ 1.80GHz	10606	295	NA	NA
Intel Core i5-9500 @ 3.00GHz	11887	248	57.99	\$204.99
Intel Core i5-9500F @ 3.00GHz	12956	218	64.14	\$202.00*
Intel Core i5-9500T @ 2.20GHz	10695	289	55.71	\$192.00*
Intel Core i5-9600K @ 3.70GHz	13529	203	61.79	\$218.95
Intel Core i5-9600KF @ 3.70GHz	13556	202	63.06	\$214.99
Intel Core i5-24050S @ 2.50GHz	4928	892	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7Y75 @ 1.30GHz	3733	1141	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1732	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1503	NA	NA
Intel Core i7-620LM @ 2.00GHz	1954	1741	NA	NA
Intel Core i7-620M @ 2.67GHz	2720	1446	7.45	\$365.00*
Intel Core i7-620UM @ 1.07GHz	1323	2057	NA	NA
Intel Core i7-640LM @ 2.13GHz	2249	1620	NA	NA
Intel Core i7-640M @ 2.80GHz	2827	1409	14.14	\$199.95
Intel Core i7-640UM @ 1.20GHz	1638	1908	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1843	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1861	NA	NA
Intel Core i7-720QM @ 1.60GHz	3008	1344	27.36	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3190	1284	19.95	\$159.95*
Intel Core i7-820QM @ 1.73GHz	3222	1274	13.43	\$239.95*
Intel Core i7-840QM @ 1.87GHz	3411	1218	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	4996	878	17.23	\$289.95*
Intel Core i7-860S @ 2.53GHz	4711	931	23.56	\$199.99*
Intel Core i7-870 @ 2.93GHz	5321	824	55.81	\$95.35
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-870S @ 2.67GHz	4849	911	NA	NA
Intel Core i7-875K @ 2.93GHz	5403	805	15.58	\$346.78*
Intel Core i7-880 @ 3.07GHz	5505	790	9.44	\$583.00*
Intel Core i7-920 @ 2.67GHz	4912	896	119.81	\$41.00
Intel Core i7-920XM @ 2.00GHz	3728	1142	9.32	\$399.95*
Intel Core i7-930 @ 2.80GHz	5130	847	46.64	\$109.99
Intel Core i7-940 @ 2.93GHz	5332	820	51.27	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3967	1081	NA	NA
Intel Core i7-950 @ 3.07GHz	5536	786	135.08	\$40.99
Intel Core i7-960 @ 3.20GHz	5799	752	20.71	\$280.00
Intel Core i7-965 @ 3.20GHz	5852	746	41.81	\$139.99*
Intel Core i7-970 @ 3.20GHz	8351	497	16.70	\$499.95*
Intel Core i7-975 @ 3.33GHz	6121	718	14.75	\$414.90*
Intel Core i7-980 @ 3.33GHz	8642	473	43.22	\$199.98*
Intel Core i7-980X @ 3.33GHz	8733	464	9.60	\$909.99
Intel Core i7-985 @ 3.47GHz	6641	669	NA	NA
Intel Core i7-990X @ 3.47GHz	9043	430	25.84	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	362	NA	NA
Intel Core i7-2600 @ 3.40GHz	8184	511	64.76	\$126.38
Intel Core i7-2600K @ 3.40GHz	8419	490	54.32	\$155.00
Intel Core i7-2600S @ 2.80GHz	7091	621	42.98	\$164.99*
Intel Core i7-2610UE @ 1.50GHz	2481	1531	NA	NA
Intel Core i7-2617M @ 1.50GHz	2813	1415	NA	NA
Intel Core i7-2620M @ 2.70GHz	3841	1109	22.62	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5522	789	24.02	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1486	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5468	796	NA	NA
Intel Core i7-2637M @ 1.70GHz	2900	1390	NA	NA
Intel Core i7-2640M @ 2.80GHz	3922	1096	32.70	\$119.95*
Intel Core i7-2655LE @ 2.20GHz	3229	1272	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2670QM @ 2.20GHz	5879	745	42.48	\$138.40*
Intel Core i7-2675QM @ 2.20GHz	5537	785	NA	NA
Intel Core i7-2677M @ 1.80GHz	2830	1407	NA	NA
Intel Core i7-2700K @ 3.50GHz	8681	470	29.24	\$296.90
Intel Core i7-2710QE @ 2.10GHz	5768	757	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	814	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6107	720	32.15	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6559	677	31.24	\$209.95*
Intel Core i7-2820QM @ 2.30GHz	6646	668	34.79	\$191.02*
Intel Core i7-2840QM @ 2.40GHz	6766	654	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6960	633	12.87	\$541.00*
Intel Core i7-2920XM @ 2.50GHz	6998	629	15.89	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	611	17.62	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3581	1175	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3376	1231	NA	NA
Intel Core i7-3520M @ 2.90GHz	4547	969	36.68	\$123.96
Intel Core i7-3537U @ 2.00GHz	3843	1108	NA	NA
Intel Core i7-3540M @ 3.00GHz	4661	939	10.84	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1082	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3610QE @ 2.30GHz	6544	678	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7458	586	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	664	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6814	649	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	585	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7387	595	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7580	574	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6930	639	30.14	\$229.95
Intel Core i7-3635QM @ 2.40GHz	6669	665	NA	NA
Intel Core i7-3667U @ 2.00GHz	4002	1073	NA	NA
Intel Core i7-3687U @ 2.10GHz	4190	1040	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1276	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8122	520	22.38	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	8311	499	34.64	\$239.95
Intel Core i7-3770 @ 3.40GHz	9278	406	66.28	\$139.99
Intel Core i7-3770K @ 3.50GHz	9505	384	47.53	\$199.99
Intel Core i7-3770S @ 3.10GHz	8898	448	23.48	\$379.00
Intel Core i7-3770T @ 2.50GHz	8208	508	24.87	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8990	438	22.48	\$399.99*
Intel Core i7-3820QM @ 2.70GHz	8403	491	29.49	\$285.00*
Intel Core i7-3840QM @ 2.80GHz	8763	461	30.22	\$289.95
Intel Core i7-3920XM @ 2.90GHz	9118	419	8.32	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11980	246	23.73	\$504.85*
Intel Core i7-3940XM @ 3.00GHz	9221	411	17.11	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12581	229	13.11	\$959.78*
Intel Core i7-3970X @ 3.50GHz	12677	227	15.65	\$809.99*
Intel Core i7-4500U @ 1.80GHz	3792	1124	NA	NA
Intel Core i7-4510U @ 2.00GHz	3922	1095	NA	NA
Intel Core i7-4550U @ 1.50GHz	3717	1145	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4558U @ 2.80GHz	4401	999	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	1014	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	923	NA	NA
Intel Core i7-4600M @ 2.90GHz	4901	898	NA	NA
Intel Core i7-4600U @ 2.10GHz	4095	1059	NA	NA
Intel Core i7-4610M @ 3.00GHz	4909	897	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1138	NA	NA
Intel Core i7-4650U @ 1.70GHz	3959	1087	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	613	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7726	559	20.17	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7682	565	40.65	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7425	591	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7123	619	21.14	\$337.04*
Intel Core i7-4710HQ @ 2.50GHz	7722	562	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7984	538	29.40	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7529	578	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7192	612	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7994	534	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8067	523	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8199	509	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4760HQ @ 2.10GHz	8735	463	NA	NA
Intel Core i7-4765T @ 2.00GHz	7302	605	18.26	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9778	365	52.85	\$185.00
Intel Core i7-4770HQ @ 2.20GHz	8958	441	NA	NA
Intel Core i7-4770K @ 3.50GHz	10074	333	30.46	\$330.70
Intel Core i7-4770R @ 3.20GHz	9822	360	NA	NA
Intel Core i7-4770S @ 3.10GHz	9351	398	15.33	\$610.00
Intel Core i7-4770T @ 2.50GHz	8586	477	21.47	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	660	NA	NA
Intel Core i7-4771 @ 3.50GHz	9861	357	16.17	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7637	570	NA	NA
Intel Core i7-4790 @ 3.60GHz	9988	342	51.23	\$194.99
Intel Core i7-4790K @ 4.00GHz	11169	266	36.03	\$309.99
Intel Core i7-4790S @ 3.20GHz	9560	381	35.54	\$269.00
Intel Core i7-4790T @ 2.70GHz	9068	426	25.26	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8444	488	45.61	\$185.12*
Intel Core i7-4810MQ @ 2.80GHz	8645	472	45.52	\$189.95*
Intel Core i7-4820K @ 3.70GHz	9709	373	44.14	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9056	429	20.87	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7899	540	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9275	407	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9351	397	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8976	440	15.30	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9332	400	20.29	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13006	216	27.35	\$475.60
Intel Core i7-4930MX @ 3.00GHz	9481	390	8.65	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9888	353	13.93	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9846	359	15.80	\$623.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4960X @ 3.60GHz	13794	192	17.92	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10295	314	NA	NA
Intel Core i7-5500U @ 2.40GHz	3977	1079	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1107	NA	NA
Intel Core i7-5557U @ 3.10GHz	4950	889	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4322	1017	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	1034	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	513	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	504	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8354	496	NA	NA
Intel Core i7-5775C @ 3.30GHz	10976	276	15.99	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10868	284	NA	NA
Intel Core i7-5820K @ 3.30GHz	12973	217	44.89	\$289.00
Intel Core i7-5850EQ @ 2.70GHz	9817	361	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	391	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13622	198	41.40	\$329.00
Intel Core i7-5950HQ @ 2.90GHz	10850	285	NA	NA
Intel Core i7-5960X @ 3.00GHz	15932	137	16.60	\$959.99*
Intel Core i7-6498DU @ 2.50GHz	4538	973	NA	NA
Intel Core i7-6500U @ 2.50GHz	4428	994	11.27	\$393.00*
Intel Core i7-6560U @ 2.20GHz	4813	914	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6567U @ 3.30GHz	5574	780	NA	NA
Intel Core i7-6600U @ 2.60GHz	4807	915	NA	NA
Intel Core i7-6650U @ 2.20GHz	4969	885	NA	NA
Intel Core i7-6700 @ 3.40GHz	10005	340	29.87	\$334.99
Intel Core i7-6700HQ @ 2.60GHz	8132	517	21.51	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11109	267	35.54	\$312.61*
Intel Core i7-6700T @ 2.80GHz	9011	434	23.97	\$375.99
Intel Core i7-6700TE @ 2.40GHz	8674	471	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9728	369	9.71	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13563	201	40.53	\$334.68
Intel Core i7-6820EQ @ 2.80GHz	8563	478	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9110	423	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8774	460	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	686	NA	NA
Intel Core i7-6850K @ 3.60GHz	14376	173	26.38	\$544.99
Intel Core i7-6900K @ 3.20GHz	17646	96	22.42	\$787.00
Intel Core i7-6920HQ @ 2.90GHz	9564	380	16.84	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19922	62	13.74	\$1,450.00
Intel Core i7-7500U @ 2.70GHz	5145	846	NA	NA
Intel Core i7-7560U @ 2.40GHz	5833	751	NA	NA
Intel Core i7-7567U @ 3.50GHz	6486	681	7.29	\$889.98
Intel Core i7-7600U @ 2.80GHz	5088	852	NA	NA
Intel Core i7-7660U @ 2.50GHz	6012	731	NA	NA
Intel Core i7-7700 @ 3.60GHz	10726	288	33.50	\$320.20
Intel Core i7-7700HQ @ 2.80GHz	8795	457	NA	NA
Intel Core i7-7700K @ 4.20GHz	12031	244	34.67	\$347.00
Intel Core i7-7700T @ 2.90GHz	9294	404	30.08	\$309.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7740X @ 4.30GHz	12259	239	37.61	\$325.99
Intel Core i7-7800X @ 3.50GHz	14614	166	31.10	\$469.99
Intel Core i7-7820HK @ 2.90GHz	9958	346	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9257	408	24.49	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18499	83	27.26	\$678.75
Intel Core i7-7900X @ 3.30GHz	20406	58	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9995	341	NA	NA
Intel Core i7-8086K @ 4.00GHz	16710	108	30.22	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3938	1092	10.02	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8288	500	NA	NA
Intel Core i7-8559U @ 2.70GHz	12328	234	21.77	\$566.22
Intel Core i7-8565U @ 1.80GHz	8925	446	NA	NA
Intel Core i7-8650U @ 1.90GHz	8749	462	NA	NA
Intel Core i7-8665U @ 1.90GHz	8895	449	21.75	\$409.00*
Intel Core i7-8700 @ 3.20GHz	15159	154	42.11	\$359.99
Intel Core i7-8700B @ 3.20GHz	14802	163	48.85	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15963	136	45.61	\$349.99
Intel Core i7-8700T @ 2.40GHz	12719	225	32.70	\$389.00
Intel Core i7-8705G @ 3.10GHz	9911	350	7.04	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10494	304	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	364	NA	NA
Intel Core i7-8750H @ 2.20GHz	12437	231	31.49	\$395.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8809G @ 3.10GHz	11013	273	NA	NA
Intel Core i7-8850H @ 2.60GHz	13041	215	33.02	\$395.00*
Intel Core i7-9700 @ 3.00GHz	16323	121	49.47	\$329.99
Intel Core i7-9700F @ 3.00GHz	16518	113	47.33	\$349.00
Intel Core i7-9700K @ 3.60GHz	17214	101	50.63	\$339.99
Intel Core i7-9700KF @ 3.60GHz	17272	99	53.98	\$319.99
Intel Core i7-9700T @ 2.00GHz	13665	195	42.31	\$323.00*
Intel Core i7-9750H @ 2.60GHz	13668	194	NA	NA
Intel Core i7-9800X @ 3.80GHz	19767	66	32.95	\$599.99
Intel Core i7-9850H @ 2.60GHz	14368	174	36.38	\$395.00*
Intel Core i9-7900X @ 3.30GHz	21887	41	23.04	\$949.99*
Intel Core i9-7920X @ 2.90GHz	23343	31	20.30	\$1,149.99*
Intel Core i9-7940X @ 3.10GHz	25365	17	20.46	\$1,239.99*
Intel Core i9-7960X @ 2.80GHz	26023	12	19.28	\$1,349.99
Intel Core i9-7980XE @ 2.60GHz	27736	8	14.37	\$1,929.99
Intel Core i9-8950HK @ 2.90GHz	14260	178	24.46	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21630	45	28.84	\$749.99
Intel Core i9-9880H @ 2.30GHz	16361	120	29.43	\$556.00*
Intel Core i9-9900 @ 3.10GHz	19243	78	43.74	\$439.99
Intel Core i9-9900K @ 3.60GHz	20216	60	40.84	\$494.99
Intel Core i9-9900KF @ 3.60GHz	20506	55	42.72	\$479.99
Intel Core i9-9900X @ 3.50GHz	23029	33	25.03	\$919.99
Intel Core i9-9920X @ 3.50GHz	25456	15	25.46	\$999.99
Intel Core i9-9940X @ 3.30GHz	27133	10	24.67	\$1,099.99
Intel Core i9-9960X @ 3.10GHz	28220	6	20.16	\$1,399.99
Intel Core i9-9980HK @ 2.40GHz	17762	92	30.47	\$583.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-9980XE @ 3.00GHz	29877	3	15.60	\$1,914.99
Intel Core m3-6Y30 @ 0.90GHz	3051	1333	10.86	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3553	1182	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1245	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3562	1180	12.68	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3373	1232	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3261	1259	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3467	1206	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2702	1451	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1564	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2818	1412	10.03	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1406	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2489	1527	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2988	1351	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2982	1353	10.62	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2634	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2627	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2545	NA	NA
Intel Core Solo U1300 @ 1.06GHz	273	2788	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2782	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2703	NA	NA
Intel E3000 @ 3.40GHz	2767	1428	NA	NA
Intel Pentium 4 1.40GHz	164	2889	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1.50GHz	131	2906	NA	NA
Intel Pentium 4 1.60GHz	129	2908	NA	NA
Intel Pentium 4 1.70GHz	132	2905	NA	NA
Intel Pentium 4 1.80GHz	161	2892	NA	NA
Intel Pentium 4 1.90GHz	159	2893	NA	NA
Intel Pentium 4 2.00GHz	189	2871	NA	NA
Intel Pentium 4 2.20GHz	209	2853	NA	NA
Intel Pentium 4 2.26GHz	221	2841	NA	NA
Intel Pentium 4 2.40GHz	228	2835	NA	NA
Intel Pentium 4 2.50GHz	245	2819	NA	NA
Intel Pentium 4 2.53GHz	248	2815	NA	NA
Intel Pentium 4 2.60GHz	288	2761	NA	NA
Intel Pentium 4 2.66GHz	254	2807	NA	NA
Intel Pentium 4 2.80GHz	322	2709	NA	NA
Intel Pentium 4 2.93GHz	293	2752	NA	NA
Intel Pentium 4 3.00GHz	353	2681	NA	NA
Intel Pentium 4 3.06GHz	347	2684	NA	NA
Intel Pentium 4 3.20GHz	373	2655	NA	NA
Intel Pentium 4 3.40GHz	395	2629	NA	NA
Intel Pentium 4 3.46GHz	454	2563	NA	NA
Intel Pentium 4 3.60GHz	487	2525	NA	NA
Intel Pentium 4 3.73GHz	486	2527	NA	NA
Intel Pentium 4 3.80GHz	485	2529	NA	NA
Intel Pentium 4 3.83GHz	195	2866	NA	NA
Intel Pentium 4 4.00GHz	184	2876	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1300MHz	119	2912	NA	NA
Intel Pentium 4 1400MHz	127	2909	NA	NA
Intel Pentium 4 1500MHz	125	2910	NA	NA
Intel Pentium 4 1600MHz	193	2870	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2896	NA	NA
Intel Pentium 4 1800MHz	162	2891	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2899	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2865	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2882	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2854	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2885	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2852	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2861	NA	NA
Intel Pentium 5 2.66GHz	705	2404	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2190	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1139	2169	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2162	NA	NA
Intel Pentium 987 @ 1.50GHz	1228	2115	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	2016	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1439	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1339	NA	NA
Intel Pentium 2020M @ 2.40GHz	2274	1606	16.97	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2411	1552	18.00	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1654	1900	12.35	\$134.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 2127U @ 1.90GHz	1821	1814	13.59	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1062	2208	7.93	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2277	1603	NA	NA
Intel Pentium 3556U @ 1.70GHz	1691	1877	NA	NA
Intel Pentium 3558U @ 1.70GHz	1679	1882	NA	NA
Intel Pentium 3560M @ 2.40GHz	2269	1611	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2095	NA	NA
Intel Pentium 3805U @ 1.90GHz	1978	1728	NA	NA
Intel Pentium 3825U @ 1.90GHz	2519	1512	NA	NA
Intel Pentium 4405U @ 2.10GHz	2931	1372	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1696	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2050	1701	12.73	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3151	1302	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2226	1632	13.83	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3243	1266	20.15	\$161.00*
Intel Pentium 5405U @ 2.30GHz	3263	1257	20.27	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1926	NA	NA
Intel Pentium B940 @ 2.00GHz	1728	1850	57.74	\$29.94*
Intel Pentium B950 @ 2.10GHz	1716	1856	NA	NA
Intel Pentium B960 @ 2.20GHz	1853	1793	37.83	\$48.99*
Intel Pentium B970 @ 2.30GHz	1952	1744	38.28	\$50.99*
Intel Pentium B980 @ 2.40GHz	2026	1708	28.97	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1120	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	529	2493	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium D 830 @ 3.00GHz	641	2436	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2464	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2401	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2389	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2359	NA	NA
Intel Pentium E2140 @ 1.60GHz	870	2326	5.51	\$157.95*
Intel Pentium E2160 @ 1.80GHz	998	2247	64.38	\$15.51
Intel Pentium E2180 @ 2.00GHz	1087	2195	36.26	\$29.99
Intel Pentium E2200 @ 2.20GHz	1202	2130	16.04	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2143	NA	NA
Intel Pentium E2220 @ 2.40GHz	1330	2054	15.47	\$85.99*
Intel Pentium E5200 @ 2.50GHz	1487	1980	41.38	\$35.94
Intel Pentium E5300 @ 2.60GHz	1538	1954	66.91	\$22.99
Intel Pentium E5400 @ 2.70GHz	1597	1932	121.77	\$13.12
Intel Pentium E5500 @ 2.80GHz	1636	1909	62.96	\$25.99
Intel Pentium E5700 @ 3.00GHz	1737	1847	115.89	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1889	1779	63.00	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1705	1867	165.57	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1763	1830	11.17	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1861	1791	18.62	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1931	1751	135.08	\$14.30
Intel Pentium E6800 @ 3.33GHz	1988	1724	22.34	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2311	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2273	NA	NA
Intel Pentium G620 @ 2.60GHz	2289	1596	91.63	\$24.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G620T @ 2.20GHz	2033	1705	25.42	\$79.99*
Intel Pentium G630 @ 2.70GHz	2371	1569	23.72	\$100.00*
Intel Pentium G630T @ 2.30GHz	2089	1682	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2524	1509	16.83	\$150.00*
Intel Pentium G640T @ 2.40GHz	1979	1727	NA	NA
Intel Pentium G645 @ 2.90GHz	2592	1483	16.20	\$160.00*
Intel Pentium G645T @ 2.50GHz	2255	1617	NA	NA
Intel Pentium G840 @ 2.80GHz	2561	1496	73.21	\$34.99*
Intel Pentium G850 @ 2.90GHz	2668	1462	22.46	\$118.77*
Intel Pentium G860 @ 3.00GHz	2735	1443	91.21	\$29.99*
Intel Pentium G870 @ 3.10GHz	2816	1413	29.03	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2596	1481	74.42	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2754	1436	45.95	\$59.95
Intel Pentium G2020T @ 2.50GHz	2418	1549	50.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2870	1398	71.77	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2487	1528	38.86	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1433	NA	NA
Intel Pentium G2120 @ 3.10GHz	3079	1323	19.30	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3199	1280	64.00	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3384	1228	41.28	\$82.00*
Intel Pentium G3220 @ 3.00GHz	3127	1307	27.43	\$114.00
Intel Pentium G3220T @ 2.60GHz	2555	1498	36.52	\$69.99*
Intel Pentium G3240 @ 3.10GHz	3156	1300	33.32	\$94.73

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3240T @ 2.70GHz	2840	1402	NA	NA
Intel Pentium G3250 @ 3.20GHz	3242	1268	29.48	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2971	1358	33.02	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3868	1101	24.98	\$154.88
Intel Pentium G3260 @ 3.30GHz	3360	1234	24.00	\$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1373	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1561	NA	NA
Intel Pentium G3420 @ 3.20GHz	3397	1222	23.76	\$143.00
Intel Pentium G3420T @ 2.70GHz	3008	1345	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1224	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3319	1243	20.75	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1315	NA	NA
Intel Pentium G3450 @ 3.40GHz	3700	1149	37.01	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1362	NA	NA
Intel Pentium G3460 @ 3.50GHz	3582	1174	12.43	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3714	1147	35.62	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3541	1185	32.70	\$108.31
Intel Pentium G4400T @ 2.90GHz	3163	1295	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1396	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3794	1122	39.13	\$96.99
Intel Pentium G4500T @ 3.00GHz	3471	1204	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1042	40.24	\$103.99*
Intel Pentium G4560 @ 3.50GHz	4863	905	42.68	\$113.95
Intel Pentium G4560T @ 2.90GHz	3990	1077	36.28	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5075	858	21.15	\$239.95
Intel Pentium G4600T @ 3.00GHz	4266	1027	24.06	\$177.28*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4620 @ 3.70GHz	5211	835	45.85	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1859	1792	46.49	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1660	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2059	1697	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5196	838	70.71	\$73.49
Intel Pentium Gold G5400T @ 3.10GHz	5048	867	78.89	\$64.00*
Intel Pentium Gold G5420 @ 3.80GHz	5407	803	84.50	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5195	839	30.57	\$169.94*
Intel Pentium Gold G5500T @ 3.20GHz	4346	1010	57.95	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5664	770	52.08	\$108.75
Intel Pentium III 933S @ 933MHz	238	2827	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2766	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2781	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2726	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2745	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2742	NA	NA
Intel Pentium III Mobile 750MHz	103	2915	NA	NA
Intel Pentium III Mobile 800MHz	182	2879	NA	NA
Intel Pentium III Mobile 866MHz	152	2897	NA	NA
Intel Pentium III Mobile 933MHz	218	2843	7.55	\$28.99
Intel Pentium III Mobile 1000MHz	245	2818	NA	NA
Intel Pentium III Mobile 1066MHz	246	2817	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III Mobile 1133MHz	251	2811	NA	NA
Intel Pentium III Mobile 1200MHz	240	2825	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1802	NA	NA
Intel Pentium J2900 @ 2.41GHz	1958	1736	NA	NA
Intel Pentium J3710 @ 1.60GHz	1916	1760	NA	NA
Intel Pentium J4205 @ 1.50GHz	2259	1615	NA	NA
Intel Pentium M 1.10GHz	282	2772	NA	NA
Intel Pentium M 1.20GHz	298	2743	NA	NA
Intel Pentium M 1.30GHz	301	2736	NA	NA
Intel Pentium M 1.40GHz	345	2688	NA	NA
Intel Pentium M 1.50GHz	366	2665	NA	NA
Intel Pentium M 1.60GHz	364	2668	NA	NA
Intel Pentium M 1.70GHz	406	2612	NA	NA
Intel Pentium M 1.73GHz	413	2603	NA	NA
Intel Pentium M 1.80GHz	411	2605	NA	NA
Intel Pentium M 1.86GHz	439	2580	NA	NA
Intel Pentium M 2.00GHz	461	2555	NA	NA
Intel Pentium M 2.10GHz	448	2568	NA	NA
Intel Pentium M 2.13GHz	502	2515	NA	NA
Intel Pentium M 2.26GHz	509	2511	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2534	NA	NA
Intel Pentium M 900MHz	217	2847	NA	NA
Intel Pentium M 1000MHz	233	2831	NA	NA
Intel Pentium M 1100MHz	259	2803	NA	NA
Intel Pentium M 1200MHz	237	2828	NA	NA
Intel Pentium M 1300MHz	303	2730	NA	NA
Intel Pentium M 1400MHz	320	2711	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1500MHz	354	2678	NA	NA
Intel Pentium M 1600MHz	335	2699	NA	NA
Intel Pentium M 1700MHz	376	2650	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1961	NA	NA
Intel Pentium N3520 @ 2.16GHz	1789	1822	NA	NA
Intel Pentium N3530 @ 2.16GHz	1894	1771	NA	NA
Intel Pentium N3540 @ 2.16GHz	1925	1754	7.67	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1830	1810	4.12	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1867	1787	NA	NA
Intel Pentium N4200 @ 1.10GHz	2032	1706	8.69	\$233.98*
Intel Pentium P6000 @ 1.87GHz	1243	2110	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	2056	46.63	\$28.44*
Intel Pentium P6200 @ 2.13GHz	1350	2043	30.04	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	2027	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2909	1381	13.23	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2443	1542	15.17	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2613	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2336	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2341	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2425	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2405	4.41	\$159.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2130 @ 1.86GHz	710	2402	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2391	NA	NA
Intel Pentium T2330 @ 1.60GHz	831	2347	NA	NA
Intel Pentium T2370 @ 1.73GHz	847	2339	24.21	\$35.00*
Intel Pentium T2390 @ 1.86GHz	948	2285	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2261	NA	NA
Intel Pentium T3200 @ 2.00GHz	1031	2224	85.96	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1113	2177	12.38	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1151	2160	95.95	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1231	2114	NA	NA
Intel Pentium T4400 @ 2.20GHz	1284	2084	NA	NA
Intel Pentium T4500 @ 2.30GHz	1333	2052	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2354	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2282	NA	NA
Intel T1200 @ 1.50GHz	435	2586	NA	NA
Intel T1400 @ 1.73GHz	929	2295	NA	NA
Intel T1500 @ 1.86GHz	953	2281	NA	NA
Intel T2050 @ 2.00GHz	959	2277	NA	NA
Intel Xeon 2.00GHz	233	2830	NA	NA
Intel XEON 2.20GHz	252	2809	NA	NA
Intel Xeon 2.40GHz	276	2784	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2585	NA	NA
Intel Xeon 2.80GHz	400	2625	NA	NA
Intel Xeon 3.00GHz	391	2638	NA	NA
Intel Xeon 3.06GHz	491	2521	NA	NA
Intel Xeon 3.20GHz	461	2556	NA	NA
Intel Xeon 3.40GHz	478	2538	NA	NA
Intel Xeon 3.60GHz	509	2510	0.60	\$851.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3.73GHz	1041	2219	NA	NA
Intel Xeon 3.80GHz	604	2453	0.71	\$851.00*
Intel Xeon 1500MHz	193	2869	NA	NA
Intel Xeon 3040 @ 1.86GHz	1278	2088	51.05	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2068	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1962	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1960	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1825	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1801	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1942	NA	NA
Intel Xeon 5110 @ 1.60GHz	1084	2199	30.99	\$35.00*
Intel Xeon 5120 @ 1.86GHz	1248	2108	0.77	\$1,619.99*
Intel Xeon 5130 @ 2.00GHz	1366	2032	43.44	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1930	NA	NA
Intel Xeon 5140 @ 2.33GHz	1644	1903	65.81	\$24.99
Intel Xeon 5148 @ 2.33GHz	1590	1936	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1752	1840	12.52	\$139.95*
Intel Xeon 5160 @ 3.00GHz	1956	1738	52.18	\$37.49*
Intel Xeon @ 2.00GHz	11327	262	NA	NA
Intel Xeon @ 2.20GHz	1902	1768	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Bronze 3104 @ 1.70GHz	5582	778	23.27	\$239.87
Intel Xeon Bronze 3106 @ 1.70GHz	6890	644	15.18	\$454.00
Intel Xeon D-1518 @ 2.20GHz	5322	822	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	759	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	630	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	507	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9643	376	27.71	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	558	13.54	\$571.00*
Intel Xeon D-1539 @ 1.60GHz	8443	489	17.37	\$486.00*
Intel Xeon D-1540 @ 2.00GHz	10573	298	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11064	269	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	292	19.24	\$555.00*
Intel Xeon D-1557 @ 1.50GHz	10950	279	15.78	\$694.00*
Intel Xeon D-1559 @ 1.50GHz	8055	525	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	171	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	183	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	516	38.22	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	220	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	190	24.41	\$566.00*
Intel Xeon D-2146NT @ 2.30GHz	10968	277	17.11	\$641.00*
Intel Xeon D-2183IT @ 2.20GHz	19381	75	10.99	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6071	726	121.46	\$49.99
Intel Xeon E3-1220 V2 @ 3.10GHz	6718	663	74.41	\$90.30
Intel Xeon E3-1220 v3 @ 3.10GHz	7179	614	17.51	\$409.95
Intel Xeon E3-1220 v5 @ 3.00GHz	7799	552	29.27	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7790	555	39.15	\$199.00
Intel Xeon E3-1220L @ 2.20GHz	3563	1179	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	995	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1676	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1225 @ 3.10GHz	5889	743	92.04	\$63.99*
Intel Xeon E3-1225 V2 @ 3.20GHz	6950	636	81.78	\$84.99
Intel Xeon E3-1225 v3 @ 3.20GHz	7238	609	47.01	\$153.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7830	547	28.45	\$275.26
Intel Xeon E3-1225 v6 @ 3.30GHz	8156	514	34.89	\$233.80
Intel Xeon E3-1226 v3 @ 3.30GHz	7560	576	12.71	\$595.00*
Intel Xeon E3-1230 @ 3.20GHz	7825	548	37.44	\$209.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8855	453	113.53	\$78.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9312	401	43.31	\$215.00
Intel Xeon E3-1230 v5 @ 3.40GHz	9733	368	22.55	\$431.65*
Intel Xeon E3-1230 v6 @ 3.50GHz	9888	354	35.54	\$278.25
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	610	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9622	378	18.87	\$509.95
Intel Xeon E3-1235 @ 3.20GHz	7680	566	31.48	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	683	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7962	539	77.31	\$102.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9140	416	67.21	\$135.99
Intel Xeon E3-1240 v3 @ 3.40GHz	9665	375	25.14	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10376	308	30.37	\$341.67*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1240 v6 @ 3.70GHz	10458	306	36.30	\$288.10
Intel Xeon E3-1240L v3 @ 2.00GHz	7513	580	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	554	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10012	337	27.06	\$369.99
Intel Xeon E3-1245 @ 3.30GHz	7991	535	51.57	\$154.95
Intel Xeon E3-1245 V2 @ 3.40GHz	9125	417	35.79	\$255.00
Intel Xeon E3-1245 v3 @ 3.40GHz	9573	379	37.55	\$255.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10160	323	29.43	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10515	301	33.07	\$318.03
Intel Xeon E3-1246 v3 @ 3.50GHz	9864	356	24.12	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6072	725	70.93	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	318	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	6038	730	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7455	587	24.44	\$305.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9188	414	12.94	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	427	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	545	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	468	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	505	26.16	\$315.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9455	392	49.77	\$189.99
Intel Xeon E3-1270 v3 @ 3.50GHz	9919	348	49.60	\$199.99
Intel Xeon E3-1270 v5 @ 3.60GHz	10292	315	26.12	\$394.00
Intel Xeon E3-1270 v6 @ 3.80GHz	11222	265	33.14	\$338.61
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	291	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10096	329	11.37	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8215	506	27.03	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9433	395	23.90	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	9915	349	24.73	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10366	312	24.97	\$415.13*
Intel Xeon E3-1275 v6 @ 3.80GHz	11014	272	29.83	\$369.28
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	447	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10204	321	9.51	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8465	485	25.48	\$332.20
Intel Xeon E3-1280 V2 @ 3.60GHz	9447	393	11.00	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9769	366	21.76	\$449.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	293	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11463	258	26.33	\$435.44
Intel Xeon E3-1281 v3 @ 3.70GHz	10276	316	11.71	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	305	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	303	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11992	245	26.65	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	343	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	278	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	351	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	386	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	467	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	374	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	695	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1505M v5 @ 2.80GHz	8946	445	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9721	372	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10093	330	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9345	399	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10578	297	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10443	307	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10614	294	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	287	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	324	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	604	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	588	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5571	781	21.22	\$262.59*
Intel Xeon E5-1603 v3 @ 2.80GHz	6204	709	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	684	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5893	742	210.87	\$27.95*
Intel Xeon E5-1607 v2 @ 3.00GHz	6217	707	177.91	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	7039	626	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7256	607	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9027	433	138.88	\$65.00*
Intel Xeon E5-1620 v2 @ 3.70GHz	9498	385	163.80	\$57.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9744	367	60.91	\$159.99
Intel Xeon E5-1620 v4 @ 3.50GHz	9926	347	29.71	\$334.13
Intel Xeon E5-1630 v3 @ 3.70GHz	10218	319	17.09	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10296	313	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11714	253	23.67	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12735	224	106.18	\$119.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13620	199	74.57	\$182.66
Intel Xeon E5-1650 v4 @ 3.60GHz	14222	179	28.00	\$508.00
Intel Xeon E5-1660 @ 3.30GHz	12358	232	10.07	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13808	191	7.63	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14609	167	9.04	\$1,616.49*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1660 v4 @ 3.20GHz	16203	128	13.18	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16235	126	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16389	118	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17122	103	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	88	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1192	113.71	\$30.99*
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1215	94.99	\$35.99*
Intel Xeon E5-2407 @ 2.20GHz	4188	1041	229.76	\$18.23*
Intel Xeon E5-2407 v2 @ 2.40GHz	4648	942	40.23	\$115.56*
Intel Xeon E5-2418L @ 2.00GHz	5202	837	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	625	18.06	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8691	469	79.23	\$109.69*
Intel Xeon E5-2430 @ 2.20GHz	6878	646	181.01	\$38.00
Intel Xeon E5-2430 v2 @ 2.50GHz	8991	437	29.00	\$310.00*
Intel Xeon E5-2430L @ 2.00GHz	7269	606	225.19	\$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	670	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	415	229.53	\$39.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	405	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	442	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10108	328	155.53	\$64.99
Intel Xeon E5-2450L @ 1.80GHz	8261	502	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	10061	334	78.61	\$128.00
Intel Xeon E5-2470 v2 @ 2.40GHz	11268	264	58.00	\$194.29
Intel Xeon E5-2603 @ 1.80GHz	3580	1176	143.58	\$24.94*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1131	62.78	\$59.99*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	844	75.07	\$69.00
Intel Xeon E5-2603 v4 @ 1.70GHz	5431	800	20.89	\$260.00*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	543	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4601	956	76.48	\$60.17
Intel Xeon E5-2609 v2 @ 2.50GHz	5146	845	35.27	\$145.93
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	741	24.69	\$239.00
Intel Xeon E5-2609 v4 @ 1.70GHz	6905	643	19.20	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	241	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	169	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7897	541	375.20	\$21.05
Intel Xeon E5-2620 v2 @ 2.10GHz	8630	474	60.57	\$142.50
Intel Xeon E5-2620 v3 @ 2.40GHz	10006	339	76.97	\$130.00
Intel Xeon E5-2620 v4 @ 2.10GHz	11354	261	30.44	\$372.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	439	13.85	\$649.00
Intel Xeon E5-2623 v4 @ 2.60GHz	8506	481	15.50	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	396	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	235	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	214	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	271	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8860	452	104.54	\$84.75*
Intel Xeon E5-2630 v2 @ 2.60GHz	10367	311	235.94	\$43.94
Intel Xeon E5-2630 v3 @ 2.40GHz	12796	221	98.43	\$130.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13901	186	21.06	\$659.99*
Intel Xeon E5-2630L @ 2.00GHz	7865	542	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	425	232.44	\$39.10
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	370	28.62	\$339.95*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	219	NA	NA
Intel Xeon E5-2637 @ 3.00GHz	4433	993	5.01	\$885.00*
Intel Xeon E5-2637 v2 @ 3.50GHz	9200	413	108.25	\$84.99*
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	326	32.64	\$309.99
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	302	9.82	\$1,069.95*
Intel Xeon E5-2640 @ 2.50GHz	9307	402	96.33	\$96.62
Intel Xeon E5-2640 v2 @ 2.00GHz	10206	320	54.55	\$187.11
Intel Xeon E5-2640 v3 @ 2.60GHz	13893	187	79.40	\$174.99
Intel Xeon E5-2640 v4 @ 2.40GHz	15380	149	16.71	\$920.27
Intel Xeon E5-2643 @ 3.30GHz	8401	492	45.77	\$183.53
Intel Xeon E5-2643 v2 @ 3.50GHz	13117	212	119.25	\$110.00
Intel Xeon E5-2643 v3 @ 3.40GHz	13887	188	55.55	\$250.00
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	207	8.97	\$1,502.60
Intel Xeon E5-2648L @ 1.80GHz	7426	590	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	260	7.70	\$1,479.00*
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	259	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	196	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	165	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10110	327	146.53	\$69.00
Intel Xeon E5-2650 v2 @ 2.60GHz	13220	209	183.49	\$72.05
Intel Xeon E5-2650 v3 @ 2.30GHz	14844	162	82.94	\$178.99
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	140	12.39	\$1,281.12*
Intel Xeon E5-2650L @ 1.80GHz	8332	498	105.47	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	355	72.74	\$135.84
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	204	51.98	\$259.99
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	182	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	263	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	389	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	189	77.09	\$179.99*
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	124	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	107	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11048	270	159.00	\$69.49*
Intel Xeon E5-2660 v2 @ 2.20GHz	13186	211	73.61	\$179.14
Intel Xeon E5-2660 v3 @ 2.60GHz	16213	127	32.17	\$503.98
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	106	11.25	\$1,499.99*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	185	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11525	256	102.57	\$112.37*
Intel Xeon E5-2667 @ 2.90GHz	10372	310	195.74	\$52.99*
Intel Xeon E5-2667 v2 @ 3.30GHz	16158	129	81.22	\$198.95
Intel Xeon E5-2667 v3 @ 3.20GHz	16134	130	18.86	\$855.30
Intel Xeon E5-2667 v4 @ 3.20GHz	16684	109	8.56	\$1,949.03*
Intel Xeon E5-2670 @ 2.60GHz	12063	243	172.33	\$70.00
Intel Xeon E5-2670 v2 @ 2.50GHz	15021	156	94.48	\$159.00
Intel Xeon E5-2670 v3 @ 2.30GHz	16494	114	54.98	\$300.00
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	122	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16383	119	23.41	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	48	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2675 v3 @ 1.80GHz	15073	155	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	95	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17000	104	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	19	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12447	230	183.06	\$68.00
Intel Xeon E5-2680 v2 @ 2.80GHz	15904	138	67.68	\$235.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18487	84	36.32	\$509.00
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	63	13.18	\$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	57	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17369	98	34.06	\$509.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	80	8.62	\$2,208.93*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	157	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	76	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	65	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14347	176	30.61	\$468.74*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2687W v2 @ 3.40GHz	16437	116	45.91	\$358.00
Intel Xeon E5-2687W v3 @ 3.10GHz	17754	93	30.09	\$589.99
Intel Xeon E5-2687W v4 @ 3.00GHz	19855	64	9.13	\$2,174.99*
Intel Xeon E5-2689 @ 2.60GHz	13386	208	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	68	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13488	206	101.28	\$133.19
Intel Xeon E5-2690 v2 @ 3.00GHz	16466	115	35.80	\$460.00*
Intel Xeon E5-2690 v3 @ 2.60GHz	19249	77	74.04	\$260.00
Intel Xeon E5-2690 v4 @ 2.60GHz	21167	51	9.75	\$2,169.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	132	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15993	134	61.52	\$259.99
Intel Xeon E5-2695 v3 @ 2.30GHz	19710	71	19.52	\$1,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	59	11.20	\$1,809.00
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	112	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	35	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	50	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17229	100	45.39	\$379.62
Intel Xeon E5-2697 v3 @ 2.60GHz	21402	49	45.94	\$465.90
Intel Xeon E5-2697 v4 @ 2.30GHz	21506	47	7.04	\$3,054.99*
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	36	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	53	6.15	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	42	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	37	8.92	\$2,509.00*
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	30	3.94	\$5,954.79*
Intel Xeon E5-4603 @ 2.00GHz	5014	877	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	410	NA	NA
Intel Xeon E5-4610 v3 @ 1.70GHz	8853	454	7.26	\$1,219.00*
Intel Xeon E5-4617 @ 2.90GHz	9029	432	100.44	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	518	60.56	\$134.21*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	170	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	145	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	300	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	226	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	268	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4650 @ 2.70GHz	11860	249	169.46	\$69.99
Intel Xeon E5-4650L @ 2.60GHz	11821	250	98.52	\$119.99*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	236	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	139	11.36	\$1,399.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	141	3.30	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	197	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1311	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2157	1656	93.86	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1546	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1626	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	2014	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1547	27.31	\$88.78*
Intel Xeon E5310 @ 1.60GHz	2264	1612	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1597	59.05	\$38.75*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5335 @ 2.00GHz	2513	1516	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2907	1382	72.72	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2833	1405	70.92	\$39.95*
Intel Xeon E5410 @ 2.33GHz	3261	1258	15.61	\$208.95*
Intel Xeon E5420 @ 2.50GHz	3486	1201	55.39	\$62.95
Intel Xeon E5430 @ 2.66GHz	3750	1136	33.79	\$110.99
Intel Xeon E5440 @ 2.83GHz	3963	1085	40.03	\$99.00
Intel Xeon E5450 @ 3.00GHz	4183	1043	77.47	\$54.00
Intel Xeon E5462 @ 2.80GHz	3871	1100	141.82	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4085	1061	136.00	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	2029	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1381	2024	4.81	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2680	1457	38.32	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2974	1356	47.21	\$63.01*
Intel Xeon E5507 @ 2.27GHz	3125	1308	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4435	992	310.83	\$14.27*
Intel Xeon E5530 @ 2.40GHz	4564	964	18.55	\$246.00*
Intel Xeon E5540 @ 2.53GHz	4807	916	81.49	\$59.00*
Intel Xeon E5603 @ 1.60GHz	2366	1571	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1332	13.95	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3380	1230	48.85	\$69.21*
Intel Xeon E5620 @ 2.40GHz	4802	919	33.40	\$143.81*
Intel Xeon E5630 @ 2.53GHz	5077	857	145.07	\$35.00*
Intel Xeon E5640 @ 2.67GHz	5256	830	187.81	\$27.99*
Intel Xeon E5645 @ 2.40GHz	6424	688	61.14	\$105.08*
Intel Xeon E5649 @ 2.53GHz	6936	638	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1550	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	549	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9489	388	43.13	\$219.99*
Intel Xeon E-2124G @ 3.40GHz	9856	358	41.22	\$239.12*
Intel Xeon E-2126G @ 3.30GHz	13995	184	46.65	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10882	283	39.10	\$278.36*
Intel Xeon E-2136 @ 3.30GHz	15831	142	48.79	\$324.46*
Intel Xeon E-2144G @ 3.60GHz	11466	257	32.59	\$351.90*
Intel Xeon E-2146G @ 3.50GHz	15593	143	43.93	\$354.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2174G @ 3.80GHz	12279	238	33.42	\$367.42
Intel Xeon E-2176G @ 3.70GHz	15580	144	38.19	\$407.99
Intel Xeon E-2176M @ 2.70GHz	13580	200	30.18	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	16017	133	30.51	\$524.99*
Intel Xeon E-2186M @ 2.90GHz	14578	168	23.40	\$623.00*
Intel Xeon E-2224 @ 3.40GHz	10525	299	53.16	\$198.00*
Intel Xeon E-2224G @ 3.50GHz	10008	338	45.91	\$218.00*
Intel Xeon E-2246G @ 3.60GHz	16667	111	53.59	\$311.00*
Intel Xeon E-2276M @ 2.80GHz	15288	151	33.97	\$450.00*
Intel Xeon E-2286M @ 2.40GHz	18421	86	29.57	\$623.00*
Intel Xeon Gold 5117 @ 2.00GHz	16672	110	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16389	117	13.65	\$1,200.90
Intel Xeon Gold 5120 @ 2.20GHz	16308	123	10.45	\$1,561.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 5120T @ 2.20GHz	18145	89	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10894	282	8.40	\$1,297.50*
Intel Xeon Gold 5218 @ 2.30GHz	22576	34	16.66	\$1,355.09
Intel Xeon Gold 6126 @ 2.60GHz	19711	70	9.81	\$2,008.95*
Intel Xeon Gold 6128 @ 3.40GHz	14941	160	8.49	\$1,759.75*
Intel Xeon Gold 6130 @ 2.10GHz	19643	73	9.35	\$2,099.95
Intel Xeon Gold 6132 @ 2.60GHz	23907	27	10.84	\$2,205.00*
Intel Xeon Gold 6134 @ 3.20GHz	18083	90	7.62	\$2,372.99*
Intel Xeon Gold 6136 @ 3.00GHz	21061	52	8.06	\$2,613.59*
Intel Xeon Gold 6138 @ 2.00GHz	25774	13	9.80	\$2,628.95
Intel Xeon Gold 6140 @ 2.30GHz	23964	26	9.82	\$2,439.99*
Intel Xeon Gold 6144 @ 3.50GHz	19654	72	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	20	5.46	\$4,608.95*
Intel Xeon Gold 6148 @ 2.40GHz	25440	16	8.70	\$2,925.00
Intel Xeon Gold 6152 @ 2.10GHz	23498	29	6.35	\$3,702.12
Intel Xeon Gold 6154 @ 3.00GHz	27722	9	7.09	\$3,909.00*
Intel Xeon Gold 6230 @ 2.10GHz	24600	21	11.66	\$2,108.95
Intel Xeon Gold 6242 @ 2.80GHz	25313	18	9.45	\$2,678.49
Intel Xeon L3110 @ 3.00GHz	2273	1608	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1132	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2050	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	1110	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1813	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1609	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1604	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1659	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1435	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3014	1340	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1233	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3503	1197	127.41	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3723	1143	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1146	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	1001	342.21	\$12.82
Intel Xeon L5530 @ 2.40GHz	4351	1008	225.95	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4353	1007	284.51	\$15.30*
Intel Xeon L5638 @ 2.00GHz	5556	783	79.49	\$69.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5639 @ 2.13GHz	6835	647	NA	NA
Intel Xeon L5640 @ 2.27GHz	6232	704	207.96	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1111	NA	NA
Intel Xeon MV 3.20GHz	683	2417	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26835	11	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	637	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	4	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	5	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	7	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	24434	24	2.80	\$8,725.00*
Intel Xeon Silver 4108 @ 1.80GHz	10838	286	21.25	\$509.95
Intel Xeon Silver 4109T @ 2.00GHz	10946	280	21.85	\$501.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Silver 4110 @ 2.10GHz	11685	254	28.85	\$405.00
Intel Xeon Silver 4112 @ 2.60GHz	8611	475	16.75	\$513.99*
Intel Xeon Silver 4114 @ 2.20GHz	14314	177	21.53	\$664.87*
Intel Xeon Silver 4116 @ 2.10GHz	15397	148	16.45	\$935.95
Intel Xeon Silver 4123 @ 3.00GHz	15185	153	NA	NA
Intel Xeon Silver 4208 @ 2.10GHz	13116	213	27.79	\$471.99
Intel Xeon Silver 4210 @ 2.20GHz	15974	135	29.04	\$550.00*
Intel Xeon Silver 4214 @ 2.20GHz	17722	94	25.17	\$704.00*
Intel Xeon Silver 4215 @ 2.50GHz	15200	152	20.29	\$749.00*
Intel Xeon Silver 4216 @ 2.10GHz	17469	97	18.09	\$965.70
Intel Xeon W3503 @ 2.40GHz	1756	1835	175.85	\$9.99*
Intel Xeon W3505 @ 2.53GHz	1844	1795	74.18	\$24.86*
Intel Xeon W3520 @ 2.67GHz	5057	865	105.36	\$48.00*
Intel Xeon W3530 @ 2.80GHz	5347	818	18.19	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	793	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5694	765	189.88	\$29.99*
Intel Xeon W3565 @ 3.20GHz	5939	736	84.91	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6047	729	12.60	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6366	696	29.68	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8121	521	16.24	\$499.99*
Intel Xeon W3680 @ 3.33GHz	9005	435	11.85	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9123	418	86.89	\$105.00*
Intel Xeon W5580 @ 3.20GHz	5836	750	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	710	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	6954	634	29.59	\$235.05*
Intel Xeon W-2104 @ 3.20GHz	7475	583	29.32	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10691	290	31.70	\$337.23
Intel Xeon W-2125 @ 4.00GHz	12354	233	15.25	\$809.95
Intel Xeon W-2133 @ 3.60GHz	14379	172	23.31	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16275	125	17.06	\$953.86
Intel Xeon W-2140B @ 3.20GHz	18610	82	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19718	69	16.53	\$1,192.99*
Intel Xeon W-2150B @ 3.00GHz	21543	46	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21832	43	14.27	\$1,530.39*
Intel Xeon W-2175 @ 2.50GHz	24454	23	12.56	\$1,947.00*
Intel Xeon W-2195 @ 2.30GHz	24081	25	8.66	\$2,780.48*
Intel Xeon W-3175X @ 3.10GHz	33538	1	11.02	\$3,042.76
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3210 @ 2.13GHz	2739	1440	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1319	51.35	\$60.15*
Intel Xeon X3230 @ 2.66GHz	3398	1221	47.53	\$71.50*
Intel Xeon X3320 @ 2.50GHz	3306	1249	14.41	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3174	1287	163.95	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3342	1239	15.91	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1117	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1106	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3935	1093	24.91	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3983	1078	116.85	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	1024	11.70	\$367.02*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3380 @ 3.16GHz	4665	938	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3341	1241	44.15	\$75.68*
Intel Xeon X3440 @ 2.53GHz	4511	977	31.78	\$141.96*
Intel Xeon X3450 @ 2.67GHz	4749	928	59.40	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5014	876	14.05	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5100	851	34.30	\$148.70*
Intel Xeon X3480 @ 3.07GHz	5657	771	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1536	45.47	\$54.00*
Intel Xeon X5270 @ 3.50GHz	2553	1500	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1560	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3170	1289	10.23	\$309.95*
Intel Xeon X5365 @ 3.00GHz	3524	1191	35.42	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4105	1058	68.47	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4323	1016	94.01	\$45.99*
Intel Xeon X5470 @ 3.33GHz	4578	963	24.22	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4001	1074	17.78	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4529	975	45.30	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	903	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5353	816	17.56	\$304.85*
Intel Xeon X5560 @ 2.80GHz	5399	807	158.85	\$33.99*
Intel Xeon X5570 @ 2.93GHz	5667	769	320.76	\$17.67
Intel Xeon X5647 @ 2.93GHz	5920	739	297.04	\$19.93*
Intel Xeon X5650 @ 2.67GHz	7362	597	103.89	\$70.87
Intel Xeon X5660 @ 2.80GHz	7569	575	89.99	\$84.12*
Intel Xeon X5667 @ 3.07GHz	6291	701	269.66	\$23.33*
Intel Xeon X5670 @ 2.93GHz	7846	546	261.56	\$30.00
Intel Xeon X5672 @ 3.20GHz	6397	691	142.21	\$44.99*
Intel Xeon X5675 @ 3.07GHz	8124	519	147.74	\$54.99
Intel Xeon X5677 @ 3.47GHz	6951	635	182.55	\$38.08*
Intel Xeon X5679 @ 3.20GHz	8845	455	NA	NA
Intel Xeon X5680 @ 3.33GHz	8393	493	121.65	\$69.00
Intel Xeon X5687 @ 3.60GHz	7076	622	125.65	\$56.32
Intel Xeon X5690 @ 3.47GHz	8872	451	72.13	\$123.00
Intel Xeon X5698 @ 4.40GHz	4272	1026	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1355	NA	NA
Mobile AMD Athlon 4	314	2720	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2675	NA	NA
Mobile AMD Athlon 64 2700+	398	2626	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon 64 2800+	440	2577	NA	NA
Mobile AMD Athlon 64 3000+	450	2565	NA	NA
Mobile AMD Athlon 64 3200+	448	2569	NA	NA
Mobile AMD Athlon 64 3400+	511	2508	NA	NA
Mobile AMD Athlon 64 3700+	435	2587	NA	NA
Mobile AMD Athlon 64 4000+	576	2469	NA	NA
Mobile AMD Athlon 1400+	266	2795	NA	NA
Mobile AMD Athlon 2500+	370	2659	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2796	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2648	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon MP-M 2400+	295	2749	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2519	NA	NA
Mobile AMD Athlon XP	572	2473	45.81	\$12.49
Mobile AMD Athlon XP-M	512	2507	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2877	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2799	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2801	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2707	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2744	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2692	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2738	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2669	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2687	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2685	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2658	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2667	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2666	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2578	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2526	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2512	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2757	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2748	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2698	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2656	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2541	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2514	NA	NA
Mobile AMD Sempron 2100+	252	2810	NA	NA
Mobile AMD Sempron 2600+	394	2632	NA	NA
Mobile AMD Sempron 2800+	361	2672	NA	NA
Mobile AMD Sempron 3000+	389	2642	NA	NA
Mobile AMD Sempron 3100+	416	2600	NA	NA
Mobile AMD Sempron 3200+	354	2679	NA	NA
Mobile AMD Sempron 3300+	446	2571	NA	NA
Mobile AMD Sempron 3400+	441	2576	NA	NA
Mobile AMD Sempron 3500+	408	2609	NA	NA
Mobile AMD Sempron 3600+	427	2595	NA	NA
Mobile AMD Sempron 3800+	485	2530	NA	NA
Mobile Intel Celeron 1.20GHz	170	2888	NA	NA
Mobile Intel Celeron 1.50GHz	188	2872	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 1.60GHz	188	2873	NA	NA
Mobile Intel Celeron 1.70GHz	181	2881	NA	NA
Mobile Intel Celeron 1.80GHz	186	2875	NA	NA
Mobile Intel Celeron 2.00GHz	204	2857	NA	NA
Mobile Intel Celeron 2.20GHz	226	2837	NA	NA
Mobile Intel Celeron 2.40GHz	236	2829	NA	NA
Mobile Intel Celeron 2.50GHz	281	2776	NA	NA
Mobile Intel Celeron 1200MHz	294	2750	NA	NA
Mobile Intel Celeron 1333MHz	280	2778	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 2.30GHz	278	2783	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2798	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2780	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2718	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2695	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2676	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2579	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2539	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2867	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2887	1.05	\$164.99
Mobile Intel Pentium 4 - M 1.80GHz	175	2884	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2832	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2862	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2864	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2848	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2805	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2722	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2851	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2863	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2813	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2755	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2838	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2756	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1522	NA	NA
Quad-Core AMD Opteron 1385	3442	1213	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3446	1211	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1376	NA	NA
VIA C3 Ezra	100	2916	NA	NA
VIA C7 1500MHz	284	2767	NA	NA
VIA C7-D 1500MHz	287	2763	NA	NA
VIA C7-D 1800MHz	203	2859	NA	NA
VIA C7-D 2000MHz	368	2662	NA	NA
VIA C7-M 1000MHz	164	2890	NA	NA
VIA C7-M 1200MHz	140	2903	NA	NA
VIA C7-M 1600MHz	178	2883	NA	NA
VIA C7-M 6300MHz	222	2840	NA	NA
VIA Eden 800MHz	155	2894	NA	NA
VIA Eden 1000MHz	123	2911	NA	NA
VIA Eden 1200MHz	142	2902	NA	NA
VIA Eden C1050@1.06GHz	352	2682	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Eden X2 U4200 @ 1.0+ GHz	480	2537	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	2164	NA	NA
VIA Esther 1000MHz	146	2901	NA	NA
VIA Esther 1300MHz	250	2812	NA	NA
VIA Esther 1500MHz	219	2842	NA	NA
VIA Esther 2000MHz	394	2631	NA	NA
VIA Nano L1900@1400MHz	457	2559	NA	NA
VIA Nano L2007@1600MHz	369	2660	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano L2100@1800MHz	428	2593	NA	NA
VIA Nano L2207@1600MHz	296	2747	NA	NA
VIA Nano L3025@1600MHz	517	2504	NA	NA
VIA Nano L3050@1800MHz	581	2466	NA	NA
VIA Nano L3600@2000MHz	645	2433	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2649	NA	NA
VIA Nano U2250@1300+MHz	274	2787	NA	NA
VIA Nano U2500@1200MHz	306	2729	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2516	NA	NA
VIA Nano U3300@1200MHz	409	2607	NA	NA
VIA Nano U3500@1000MHz	275	2785	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2451	NA	NA
VIA Nehemiah	155	2895	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1770	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	2036	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2144	NA	NA
VIA Samuel 2	79	2918	NA	NA
ZHAOXIN KaiXian KX-U6780A@2.7GHz	5760	758	NA	NA

* - Last price seen from our affiliates.

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Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	311	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	141	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	415	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	421	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	466	NA	NA
[Dual CPU] AMD EPYC 7281	13293	191	11.97	\$1,110.90
[Dual CPU] AMD EPYC 7371	19370	125	NA	NA
[Dual CPU] AMD EPYC 7401	23518	75	7.24	\$3,249.80
[Dual CPU] AMD EPYC 7451	28957	42	8.46	\$3,422.68
[Dual CPU] AMD EPYC 7501	29003	41	7.04	\$4,121.72
[Dual CPU] AMD EPYC 7551	31452	30	11.38	\$2,764.30
[Dual CPU] AMD EPYC 7601	33545	22	4.19	\$8,008.86
[Dual CPU] AMD Opteron 246	1130	455	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	456	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	452	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	453	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	461	NA	NA
[Dual CPU] AMD Opteron 256	1853	449	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	447	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	443	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	446	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	438	1.54	\$1,593.34*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 285	2769	428	17.32	\$159.90
[Dual CPU] AMD Opteron 290	2716	430	10.06	\$270.00*
[Dual CPU] AMD Opteron 885	2851	424	NA	NA
[Dual CPU] AMD Opteron 2212	2203	444	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	439	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	437	NA	NA
[Dual CPU] AMD Opteron 2216	2485	436	48.16	\$51.60
[Dual CPU] AMD Opteron 2216 HE	2593	432	NA	NA
[Dual CPU] AMD Opteron 2218	2719	429	17.00	\$159.90
[Dual CPU] AMD Opteron 2218 HE	2514	433	NA	NA
[Dual CPU] AMD Opteron 2220	2854	423	17.85	\$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	422	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	419	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	413	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	403	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	410	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	404	25.50	\$159.90
[Dual CPU] AMD Opteron 2354	4554	391	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	394	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	373	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	401	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	387	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	374	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	372	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	358	63.93	\$90.00
[Dual CPU] AMD Opteron 2384	5714	360	3.40	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	346	NA	NA
[Dual CPU] AMD Opteron 2389	5677	361	48.11	\$118.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2419	5191	376	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	347	NA	NA
[Dual CPU] AMD Opteron 2427	5907	356	36.94	\$159.90
[Dual CPU] AMD Opteron 2431	6438	340	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7068	326	18.70	\$378.00*
[Dual CPU] AMD Opteron 2439 SE	8071	296	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	405	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	363	24.58	\$229.90
[Dual CPU] AMD Opteron 4170 HE	6344	343	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	341	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7813	303	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	295	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	298	NA	NA
[Dual CPU] AMD Opteron 4234	9361	264	20.35	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	4214	398	52.69	\$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	257	NA	NA
[Dual CPU] AMD Opteron 4280	4525	392	45.25	\$100.00
[Dual CPU] AMD Opteron 4284	9151	265	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9456	263	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	235	21.71	\$479.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 4376 HE	10244	243	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	220	40.57	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	333	178.04	\$37.98
[Dual CPU] AMD Opteron 6128 HE	5582	366	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	279	NA	NA
[Dual CPU] AMD Opteron 6134	7586	313	86.22	\$87.98*
[Dual CPU] AMD Opteron 6136	7255	320	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	379	NA	NA
[Dual CPU] AMD Opteron 6168	7741	308	92.15	\$84.00
[Dual CPU] AMD Opteron 6172	7621	312	19.24	\$396.00*
[Dual CPU] AMD Opteron 6174	7783	304	48.67	\$159.90
[Dual CPU] AMD Opteron 6176 SE	8448	285	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	416	16.40	\$189.90
[Dual CPU] AMD Opteron 6204	7134	322	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	276	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	230	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	247	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	237	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	10010	252	71.51	\$139.98
[Dual CPU] AMD Opteron 6274	10536	233	117.09	\$89.98
[Dual CPU] AMD Opteron 6275	10900	229	NA	NA
[Dual CPU] AMD Opteron 6276	10194	246	30.16	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	211	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	287	13.47	\$619.96*
[Dual CPU] AMD Opteron 6320	10716	231	20.88	\$513.18
[Dual CPU] AMD Opteron 6328	12013	210	10.09	\$1,190.00
[Dual CPU] AMD Opteron 6344	11203	223	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	218	18.64	\$612.20
[Dual CPU] AMD Opteron 6376	10405	236	80.04	\$130.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6378	9145	266	24.07	\$380.00
[Dual CPU] AMD Opteron 6380	14200	177	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	204	42.05	\$289.98
[Dual CPU] AMD Opteron 8218	2831	425	61.54	\$46.00
[Dual CPU] AMD Opteron 8220	2510	434	15.70	\$159.90
[Dual CPU] AMD Opteron 8222 SE	2793	427	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	414	67.15	\$48.00
[Dual CPU] AMD Opteron 8380	5643	364	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	375	NA	NA
[Dual CPU] AMD Opteron 8389	6517	337	41.25	\$158.00*
[Dual CPU] AMD Opteron 8431	5813	357	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	334	46.80	\$144.00*
[Dual CPU] AMD Opteron 8439 SE	7691	310	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	454	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	441	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	409	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	300	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	475	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	473	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	470	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	541	469	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	476	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	477	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	474	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	472	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	467	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	463	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	462	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	465	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	460	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	459	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	458	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	448	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	457	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	445	30.53	\$70.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2315	440	0.71	\$3,239.98*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	431	41.62	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	417	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2978	420	59.58	\$49.98
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	418	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3409	411	12.18	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3826	407	51.03	\$74.98*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8929	275	18.61	\$479.74
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11012	227	12.13	\$908.00
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	348	100.10	\$61.98*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	345	87.58	\$71.98*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	319	200.30	\$36.46*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	269	39.02	\$231.12*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11068	224	14.19	\$780.04*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	213	54.29	\$219.38*
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	289	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	183	179.43	\$76.00
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	180	22.20	\$620.00*
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	219	176.43	\$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	200	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	195	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15063	168	115.89	\$129.98
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	15106	167	48.73	\$310.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	215	45.06	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	149	64.89	\$256.00
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	134	47.79	\$388.58
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	344	127.11	\$49.88*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	336	54.34	\$119.98*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	286	60.64	\$138.00
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8932	274	17.18	\$520.00*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8162	293	67.82	\$120.34

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9001	270	30.84	\$291.86
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	251	20.98	\$478.00
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	228	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12336	201	293.02	\$42.10
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13190	193	46.28	\$285.00
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15231	165	58.58	\$260.00
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16407	151	21.99	\$745.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14339	175	11.05	\$1,298.00
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	197	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	172	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13584	189	80.14	\$169.50*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15946	157	181.45	\$87.88
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18457	135	70.99	\$260.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18696	133	14.16	\$1,319.98*
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	225	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	182	175.27	\$78.20
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	166	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	317	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15888	160	93.47	\$169.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16391	152	26.44	\$619.98
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16703	148	7.81	\$2,139.90*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14657	171	75.85	\$193.24
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14505	173	38.76	\$374.22
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19846	120	56.71	\$349.98
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20530	114	11.15	\$1,840.54
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13635	184	37.15	\$367.06
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20739	110	94.27	\$220.00
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21023	105	42.05	\$500.00
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	98	7.17	\$3,005.20
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	203	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	179	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	138	5.79	\$3,121.72*
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 @ 2.00GHz	14899	169	107.96	\$138.00
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18943	130	131.46	\$144.10
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20291	116	56.68	\$357.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20576	113	8.03	\$2,562.24*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	174	91.04	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14152	178	52.09	\$271.68
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	106	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13634	185	4.66	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	131	52.29	\$359.98*
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	124	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	140	4.85	\$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16327	153	117.48	\$138.98*
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17795	139	49.67	\$358.28
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22577	89	22.40	\$1,007.96
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23225	81	7.74	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	82	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17131	144	76.23	\$224.74*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	68	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16902	146	159.48	\$105.98*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22613	87	56.83	\$397.90
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22736	85	13.29	\$1,710.60
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22694	86	5.82	\$3,898.06*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18150	137	129.64	\$140.00
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20594	112	64.76	\$318.00
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22298	92	37.16	\$600.00
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	78	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21751	96	15.54	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	60	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	119	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21063	104	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	36	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18176	136	133.65	\$136.00
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21537	97	45.82	\$470.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24474	72	24.04	\$1,018.00
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22584	88	7.48	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	145	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21104	103	20.69	\$1,019.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	67	5.66	\$4,417.86*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	94	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	57	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	44	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20866	108	22.26	\$937.48*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23303	80	32.55	\$716.00
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24222	73	20.53	\$1,179.98
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	58	6.13	\$4,349.98*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19456	123	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	62	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19293	126	72.43	\$266.38
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23477	77	25.52	\$920.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25686	64	49.40	\$520.00
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27291	55	6.29	\$4,339.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20872	107	40.14	\$519.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	69	12.30	\$2,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	71	6.81	\$3,618.00
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23483	76	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	33	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31774	28	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23324	79	30.72	\$759.24
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27335	54	29.34	\$931.80
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30284	34	4.96	\$6,109.98*
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	49	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	28436	47	4.15	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	32	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	25	4.44	\$7,259.18*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	74	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	27007	56	5.38	\$5,018.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	20	2.86	\$11,909.58*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	111	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	122	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	159	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	127	35.31	\$544.08*
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	121	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18712	132	133.68	\$139.98
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	170	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	232	44.50	\$239.98*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	90	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	52	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	206	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	162	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	91	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	209	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	16047	154	42.45	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	250	25.11	\$399.98*
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10207	244	1.02	\$10,017.02*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	442	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	406	22.74	\$177.56*
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3557	408	36.30	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4166	400	53.75	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	382	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	390	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5120	378	64.02	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5138	377	64.31	\$79.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6010	353	14.38	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6349	342	50.43	\$125.90
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6832	332	30.78	\$221.98
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7127	323	35.99	\$198.00
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7502	314	69.46	\$108.00
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7093	325	129.91	\$54.60*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7769	306	129.31	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2492	435	13.12	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	426	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4878	386	34.87	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4990	381	39.60	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	369	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7418	316	259.92	\$28.54*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	309	15.66	\$492.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	301	66.51	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	402	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	367	12.57	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5947	355	42.96	\$138.42*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8050	297	27.99	\$287.62*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8280	290	118.29	\$70.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8638	280	154.31	\$55.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10314	240	49.08	\$210.16*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10318	239	44.86	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	368	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	371	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	95	8.41	\$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21437	99	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	102	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22282	93	9.28	\$2,401.80
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	66	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	142	6.73	\$2,595.00*
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	53	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	22983	83	7.07	\$3,249.70
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	129	7.83	\$2,442.00*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28298	48	7.04	\$4,017.90*
[Dual CPU] Intel Xeon Gold 6126T @ 2.60GHz	20420	115	5.47	\$3,730.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22875	84	6.50	\$3,519.50*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26585	59	6.33	\$4,199.90
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	51	6.24	\$4,410.00*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25322	65	5.34	\$4,745.98*
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29961	35	5.73	\$5,227.18*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	50	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34466	19	6.56	\$5,257.90
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	24	6.68	\$4,879.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	43	4.72	\$6,116.66*
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	29907	37	NA	NA
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28666	45	4.90	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29655	38	3.22	\$9,217.90*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36731	13	6.28	\$5,850.00
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32006	26	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33530	23	4.53	\$7,404.24
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	10	4.75	\$7,818.00*
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	29161	40	6.57	\$4,440.00*
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31524	29	4.68	\$6,737.66
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33741	21	5.13	\$6,572.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	7	6.23	\$6,219.90
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	37405	8	4.85	\$7,704.98
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41159	3	4.87	\$8,450.16
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	393	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	397	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	384	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	365	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	350	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	339	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	352	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	383	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	330	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	329	270.83	\$25.64

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	299	206.10	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7000	328	228.76	\$30.60*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	271	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	259	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9654	258	161.06	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	468	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	471	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	464	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	450	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	15	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	36925	11	2.40	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	39	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	6	3.33	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	14	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	16	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	9	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	4	3.26	\$12,604.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	156	15.66	\$1,019.90
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16472	150	20.34	\$810.00
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	188	13.24	\$1,027.98*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19189	128	14.43	\$1,329.74*
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	100	11.45	\$1,871.90
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	118	19.96	\$1,002.00*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10079	248	47.08	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	238	2.06	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	241	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	388	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	389	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	385	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5744	359	9.27	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6203	349	31.17	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7437	315	62.02	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7825	302	85.07	\$91.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	294	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	305	17.28	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8175	292	40.88	\$199.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8682	278	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8934	273	14.65	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	267	133.63	\$67.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9505	262	268.96	\$35.34
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	254	246.96	\$39.86*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11282	221	79.60	\$141.74
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11599	216	68.94	\$168.24*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10273	242	220.17	\$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12190	205	203.17	\$60.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	249	111.97	\$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12447	198	113.18	\$109.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11278	222	148.08	\$76.16*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	187	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13543	190	98.14	\$138.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11940	212	106.00	\$112.64
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13730	181	55.81	\$246.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	284	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	335	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	277	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	253	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11794	214	268.05	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	399	46.34	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	380	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	396	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	395	27.37	\$159.90
[Dual CPU] Quad-Core AMD Opteron 8378	5382	370	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	331	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	362	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	354	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	288	NA	NA
[Quad CPU] AMD Opteron 6136	9767	255	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	282	26.87	\$319.80
[Quad CPU] AMD Opteron 6272	12292	202	43.91	\$279.96
[Quad CPU] AMD Opteron 6274	10488	234	58.28	\$179.96
[Quad CPU] AMD Opteron 6276	15342	164	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	207	24.31	\$495.80
[Quad CPU] AMD Opteron 6282 SE	11044	226	4.31	\$2,560.00
[Quad CPU] AMD Opteron 6376	13257	192	50.99	\$260.00
[Quad CPU] AMD Opteron 6378	20859	109	27.45	\$760.00
[Quad CPU] AMD Opteron 6380	12442	199	52.72	\$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	338	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	351	NA	NA
[Quad CPU] AMD Opteron 8382	8553	283	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	318	NA	NA
[Quad CPU] AMD Opteron 8431	8252	291	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	324	24.65	\$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	272	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	451	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	412	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	147	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	158	29.66	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	186	42.59	\$319.96*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	70	12.12	\$2,035.80*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	101	76.34	\$279.96
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	61	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	31	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	117	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	155	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	18	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	46	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	27	NA	NA
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	12	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	15433	163	96.48	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17287	143	131.00	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14316	176	18.94	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	196	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	161	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	327	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	307	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	245	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	260	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	268	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	63	5.04	\$5,190.00*
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	17	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	5	2.75	\$14,808.48
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	256	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	2	1.10	\$40,060.00*
[Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz	48904	1	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	261	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	208	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	281	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	217	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	13145	194	149.38	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	321	22.42	\$319.80

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