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CPU Benchmarks

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CPU List

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



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Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2772	NA	NA
AMD A4 Micro-6400T APU	1544	1962	NA	NA
AMD A4 PRO-3340B	2402	1569	NA	NA
AMD A4 PRO-7300B APU	2353	1590	NA	NA
AMD A4 PRO-7350B	2227	1644	NA	NA
AMD A4-1200 APU	632	2452	NA	NA
AMD A4-1250 APU	619	2459	NA	NA
AMD A4-3300 APU	1503	1987	115.71	\$12.99
AMD A4-3300M APU	1188	2151	39.62	\$29.99*
AMD A4-3305M APU	1227	2130	39.84	\$30.81
AMD A4-3310MX APU	1286	2093	NA	NA
AMD A4-3320M APU	1253	2116	34.93	\$35.90
AMD A4-3330MX APU	1218	2133	NA	NA
AMD A4-3400 APU	1593	1947	18.12	\$87.95
AMD A4-3420 APU	1664	1907	NA	NA
AMD A4-4000 APU	1834	1818	14.31	\$128.27*
AMD A4-4020 APU	1909	1778	21.21	\$90.00
AMD A4-4300M APU	1612	1935	40.44	\$39.86

AMD A4-4355M APU	1177	2155	NA	NA
AMD A4-5000 APU	1916	1774	NA	NA
AMD A4-5050 APU	2113	1685	NA	NA
AMD A4-5100 APU	2056	1713	NA	NA
AMD A4-5150M APU	1864	1801	NA	NA
AMD A4-5300 APU	2015	1729	18.27	\$110.32
AMD A4-5300B APU	2149	1671	56.56	\$38.00*
AMD A4-6210 APU	2169	1661	NA	NA
AMD A4-6250J APU	2556	1511	NA	NA
AMD A4-6300 APU	2223	1647	37.07	\$59.99*
AMD A4-6300B APU	2159	1668	21.59	\$100.00*
AMD A4-6320 APU	2329	1593	33.29	\$69.99*
AMD A4-7210 APU	2523	1523	NA	NA
AMD A4-7300 APU	2309	1603	18.93	\$122.00
AMD A4-9120	1957	1749	NA	NA
AMD A4-9120C	1539	1965	NA	NA
AMD A4-9125	1968	1747	NA	NA
AMD A6 Micro-6500T APU	1834	1819	NA	NA
AMD A6 PRO-7050B APU	1616	1933	NA	NA
AMD A6 PRO-7400B	2621	1486	NA	NA
AMD A6-1450 APU	1539	1966	NA	NA
AMD A6-3400M APU	1888	1792	63.02	\$29.97*
AMD A6-3410MX APU	2059	1711	516.08	\$3.99*
AMD A6-3420M APU	2004	1731	NA	NA
AMD A6-3430MX APU	2200	1654	NA	NA
AMD A6-3500 APU	2029	1721	50.76	\$39.99*
AMD A6-3600 APU	2706	1464	117.73	\$22.99*
AMD A6-3620 APU	2794	1433	46.58	\$59.99*
AMD A6-3650 APU	3148	1316	98.41	\$31.99*
AMD A6-3670 APU	3165	1304	5.19	\$610.00*
AMD A6-4400M APU	1640	1921	205.32	\$7.99*
AMD A6-4455M APU	1286	2092	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	1557	NA	NA
AMD A6-5345M APU	1476	1998	NA	NA
AMD A6-5350M APU	1906	1780	44.20	\$43.12
AMD A6-5357M APU	1953	1755	NA	NA
AMD A6-5400B APU	2242	1637	21.35	\$105.04*
AMD A6-5400K APU	2161	1667	34.85	\$62.02
AMD A6-6310 APU	2458	1549	NA	NA
AMD A6-6400B APU	2281	1615	NA	NA
AMD A6-6400K APU	2310	1602	11.06	\$208.99*
AMD A6-6420B APU	2612	1489	NA	NA
AMD A6-6420K APU	2388	1576	15.92	\$149.99*
AMD A6-7000	1667	1904	NA	NA

AMD A6-7310 APU	2671	1472	NA	NA
AMD A6-7400K APU	2790	1436	46.67	\$59.79
AMD A6-7470K	2727	1458	20.52	\$132.91
AMD A6-7480	3129	1319	71.14	\$43.99*
AMD A6-8500P	2202	1653	NA	NA
AMD A6-8550	3032	1350	NA	NA
AMD A6-9200	1747	1855	NA	NA
AMD A6-9210	1753	1851	NA	NA
AMD A6-9220	2168	1663	NA	NA
AMD A6-9220C	2071	1705	NA	NA
AMD A6-9220e	1621	1931	NA	NA
AMD A6-9225	2158	1669	NA	NA
AMD A6-9230	2102	1690	NA	NA
AMD A6-9500	3054	1344	59.65	\$51.21
AMD A6-9500E	2889	1407	39.67	\$72.84*
AMD A8 PRO-7150B APU	2650	1479	NA	NA
AMD A8 PRO-7600B APU	4758	939	NA	NA
AMD A8-3500M APU	1980	1739	28.32	\$69.95
AMD A8-3510MX APU	2414	1563	NA	NA
AMD A8-3520M APU	2171	1660	NA	NA
AMD A8-3530MX APU	2354	1588	NA	NA
AMD A8-3550MX APU	2610	1490	NA	NA
AMD A8-3800 APU	3011	1354	52.84	\$56.99*
AMD A8-3820 APU	3106	1327	24.85	\$124.99*
AMD A8-3850 APU	3458	1221	32.72	\$105.68*
AMD A8-3870K APU	3539	1198	23.65	\$149.67*
AMD A8-4500M APU	2666	1475	NA	NA
AMD A8-4555M APU	2125	1681	NA	NA
AMD A8-5500 APU	3997	1087	70.76	\$56.50*
AMD A8-5500B APU	4022	1083	NA	NA
AMD A8-5545M APU	2590	1498	NA	NA
AMD A8-5550M APU	3002	1359	NA	NA
AMD A8-5557M APU	2954	1375	NA	NA
AMD A8-5600K APU	4338	1024	18.92	\$229.30
AMD A8-6410 APU	2573	1505	NA	NA
AMD A8-6500 APU	4392	1012	46.24	\$94.99*
AMD A8-6500B APU	4612	967	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	1286	NA	NA
AMD A8-6600K APU	4590	973	47.33	\$96.99*
AMD A8-7050	1824	1824	NA	NA
AMD A8-7100 APU	2808	1431	NA	NA
AMD A8-7200P	3319	1257	NA	NA
AMD A8-7410 APU	2744	1451	NA	NA
AMD A8-7600 APU	5065	876	17.71	\$285.99*
AMD A8-7650K	4928	905	42.49	\$115.99

AMD A8-7670K	5083	868	31.56	\$161.10*
AMD A8-7680	5270	842	87.86	\$59.99*
AMD A8-8600P	3248	1274	NA	NA
AMD A8-8650	5470	808	NA	NA
AMD A8-9600	4966	899	73.04	\$67.99
AMD A9-9400	2320	1596	NA	NA
AMD A9-9410	2547	1515	NA	NA
AMD A9-9420	2343	1592	NA	NA
AMD A9-9420e	1839	1816	NA	NA
AMD A9-9425	2504	1535	NA	NA
AMD A9-9430	2524	1522	NA	NA
AMD A10 Micro-6700T APU	1970	1744	NA	NA
AMD A10 PRO-7350B APU	3164	1305	NA	NA
AMD A10 PRO-7800B APU	4955	900	NA	NA
AMD A10 PRO-7850B APU	5380	825	NA	NA
AMD A10-4600M APU	3114	1326	NA	NA
AMD A10-4655M APU	2605	1492	NA	NA
AMD A10-4657M APU	2906	1397	NA	NA
AMD A10-5700 APU	4214	1051	65.35	\$64.50*
AMD A10-5745M APU	2763	1445	NA	NA
AMD A10-5750M APU	3342	1251	NA	NA
AMD A10-5757M APU	3084	1333	NA	NA
AMD A10-5800B APU	4614	966	NA	NA
AMD A10-5800K APU	4647	957	30.98	\$149.99*
AMD A10-6700 APU	4602	969	39.34	\$116.99*
AMD A10-6700T APU	3693	1165	25.02	\$147.61*
AMD A10-6790K APU	4714	945	49.64	\$94.99*
AMD A10-6800B APU	4822	926	NA	NA
AMD A10-6800K APU	4859	921	16.94	\$286.85*
AMD A10-7300 APU	2906	1398	NA	NA
AMD A10-7400P	3606	1181	NA	NA
AMD A10-7700K APU	5120	864	39.88	\$128.39
AMD A10-7800 APU	4973	895	48.10	\$103.39*
AMD A10-7850K APU	5468	809	44.71	\$122.31
AMD A10-7860K	5070	873	28.97	\$175.00*
AMD A10-7870K	5475	806	24.12	\$226.99*
AMD A10-7890K	5711	776	28.56	\$199.99*
AMD A10-8700P	3445	1224	NA	NA
AMD A10-8750	5064	877	NA	NA
AMD A10-8850	5604	791	NA	NA
AMD A10-9600P	3764	1143	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	1173	NA	NA
AMD A10-9630P	4497	992	NA	NA
AMD A10-9700	5388	824	62.98	\$85.56

AMD A10-9700E	4747	943	52.18	\$90.99
AMD A12-9700P	3717	1157	NA	NA
AMD A12-9720P	3993	1088	NA	NA
AMD A12-9730P	4417	1009	NA	NA
AMD A12-9800	5575	794	37.61	\$148.24*
AMD A12-9800E	5083	869	38.69	\$131.38
AMD Athlon64 X2 Dual Core 4600+	1108	2196	NA	NA
AMD Athlon 4	279	2792	4.66	\$59.99
AMD Athlon 64 2000+	116	2926	NA	NA
AMD Athlon 64 2200+	575	2484	NA	NA
AMD Athlon 64 2600+	374	2667	NA	NA
AMD Athlon 64 2800+	438	2595	4.38	\$99.99*
AMD Athlon 64 3000+	464	2563	4.26	\$108.95
AMD Athlon 64 3200+	492	2533	3.29	\$149.95*
AMD Athlon 64 3300+	576	2483	NA	NA
AMD Athlon 64 3400+	545	2495	NA	NA
AMD Athlon 64 3500+	540	2501	4.97	\$108.95
AMD Athlon 64 3600+	601	2468	NA	NA
AMD Athlon 64 3700+	598	2470	8.67	\$69.00*
AMD Athlon 64 3800+	589	2473	3.28	\$179.95*
AMD Athlon 64 4000+	608	2463	3.32	\$183.27*
AMD Athlon 64 FX-25	794	2380	NA	NA
AMD Athlon 64 FX-34	380	2659	NA	NA
AMD Athlon 64 FX-51	437	2596	NA	NA
AMD Athlon 64 FX-53	646	2444	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2409	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2405	NA	NA
AMD Athlon 64 FX-59	715	2412	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2098	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1953	NA	NA
AMD Athlon 64 FX-72	1794	1834	NA	NA
AMD Athlon 64 FX-74	1495	1991	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2292	NA	NA
AMD Athlon 64 X2 4200+	1285	2094	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2265	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2286	16.05	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	999	2259	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1044	2231	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	2200	5.49	\$199.95
AMD Athlon 64 X2 Dual Core 4400+	1145	2179	19.10	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1218	2132	3.39	\$359.95
AMD Athlon 64 X2 Dual Core 4800+	1253	2115	2.73	\$459.95*
AMD Athlon 64 X2 Dual Core 5000+	1314	2073	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	2039	9.87	\$139.95
AMD Athlon 64 X2 Dual Core 5400+	1450	2010	27.37	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1484	1995	9.90	\$149.95
	Passmark CPU	Rank	CPU Value	Price

CPU Name	Mark (higher is better)	(lower is better)	(higher is better)	(USD)
AMD Athlon 64 X2 Dual Core 5800+	1516	1978	60.68	\$24.99*
AMD Athlon 64 X2 Dual Core 6000+	1603	1939	34.89	\$45.95
AMD Athlon 64 X2 Dual Core 6400+	1787	1837	6.87	\$259.95
AMD Athlon 64 X2 Dual Core BE-230	1095	2204	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2214	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2230	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2356	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2357	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2280	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2336	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	819	2365	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2337	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	925	2314	NA	NA
AMD Athlon 64 X2 QL-60	924	2315	NA	NA
AMD Athlon 64 X2 QL-62	1003	2256	NA	NA
AMD Athlon 64 X2 QL-64	990	2270	NA	NA
AMD Athlon 64 X2 QL-65	1050	2229	NA	NA
AMD Athlon 64 X2 QL-66	947	2301	NA	NA
AMD Athlon 64 X2 QL-67	1006	2253	NA	NA
AMD Athlon 64 X2 TK-55	955	2293	NA	NA
AMD Athlon 64 X2 TK-57	988	2271	NA	NA
AMD Athlon 200GE	4920	906	75.81	\$64.91
AMD Athlon 220GE	5302	839	85.79	\$61.81
AMD Athlon 240GE	5411	817	87.55	\$61.81
AMD Athlon 300U	4839	925	NA	NA
AMD Athlon 1500+	294	2764	NA	NA
AMD Athlon 1640B	670	2435	13.42	\$50.00*
AMD Athlon 2000+	390	2655	NA	NA
AMD Athlon 2100+	412	2618	NA	NA
AMD Athlon 2200+	363	2684	4.55	\$79.99*
AMD Athlon 2400+	462	2567	NA	NA
AMD Athlon 2500+	374	2664	2.04	\$183.99*
AMD Athlon 2600+	444	2586	4.23	\$104.95*
AMD Athlon 2650e	409	2622	21.56	\$19.00*
AMD Athlon 2800+	447	2583	3.20	\$139.95*
AMD Athlon 2850e	506	2526	NA	NA
AMD Athlon 3100+	485	2544	NA	NA
AMD Athlon 3200+	458	2571	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	2087	10.78	\$119.95*
AMD Athlon 5150 APU	2105	1688	13.16	\$159.95
AMD Athlon 5200 Dual-Core	1266	2110	42.23	\$29.99*
AMD Athlon 5350 APU	2608	1491	17.50	\$149.00
AMD Athlon 5370 APU	2912	1391	45.73	\$63.70*
AMD Athlon 7450 Dual-Core	1450	2009	NA	NA
AMD Athlon 7550 Dual-Core	1470	2000	24.52	\$60.00*

AMD Athlon 7750 Dual-Core	1570	1954	9.92	\$158.37
AMD Athlon 7850 Dual-Core	1713	1873	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2775	NA	NA
AMD Athlon Dual Core 4050e	1086	2209	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	2167	37.59	\$31.00*
AMD Athlon Dual Core 4450e	1107	2198	NA	NA
AMD Athlon Dual Core 4850B	1391	2032	NA	NA
AMD Athlon Dual Core 4850e	1314	2074	33.70	\$39.00*
AMD Athlon Dual Core 5000B	1308	2076	13.77	\$95.00*
AMD Athlon Dual Core 5050e	1343	2060	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1316	2072	NA	NA
AMD Athlon Dual Core 5400B	1420	2021	NA	NA
AMD Athlon Dual Core 5600B	1304	2080	NA	NA
AMD Athlon II 160u	560	2490	18.68	\$29.99*
AMD Athlon II 170u	626	2455	20.91	\$29.95*
AMD Athlon II Dual-Core M300	1111	2192	NA	NA
AMD Athlon II Dual-Core M320	1141	2181	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2226	NA	NA
AMD Athlon II N330 Dual-Core	1154	2173	NA	NA
AMD Athlon II N350 Dual-Core	1249	2122	NA	NA
AMD Athlon II N370 Dual-Core	1559	1958	NA	NA
AMD Athlon II Neo K125	473	2557	NA	NA
AMD Athlon II Neo K145	525	2509	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2384	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2348	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2379	NA	NA
AMD Athlon II P320 Dual-Core	1216	2134	40.63	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2120	27.83	\$44.95*
AMD Athlon II P360 Dual-Core	1318	2071	54.94	\$24.00*
AMD Athlon II X2 210e	1486	1994	NA	NA
AMD Athlon II X2 215	1566	1956	130.68	\$11.99*
AMD Athlon II X2 220	1633	1925	50.76	\$32.19
AMD Athlon II X2 225	1526	1971	NA	NA
AMD Athlon II X2 235e	1661	1912	9.13	\$181.88*
AMD Athlon II X2 240	1642	1918	102.70	\$15.99*
AMD Athlon II X2 240e	1700	1885	48.64	\$34.95*
AMD Athlon II X2 245	1661	1911	47.54	\$34.95*
AMD Athlon II X2 245e	1709	1877	21.37	\$80.00*
AMD Athlon II X2 250	1741	1857	44.71	\$38.95
AMD Athlon II X2 250e	1939	1760	25.28	\$76.73*
AMD Athlon II X2 250u	1004	2254	28.74	\$34.95*
AMD Athlon II X2 255	1841	1813	28.24	\$65.22*
AMD Athlon II X2 260	1875	1795	93.83	\$19.99*
AMD Athlon II X2 260u	1107	2197	13.28	\$83.44*
AMD Athlon II X2 265	1892	1786	22.84	\$82.88*

AMD Athlon II X2 270	1976	1742	82.38	\$23.99*
AMD Athlon II X2 270u	1285	2096	18.99	\$67.67*
AMD Athlon II X2 280	2129	1679	21.30	\$99.99*
AMD Athlon II X2 4300e	1483	1996	NA	NA
AMD Athlon II X2 4400e	1632	1927	NA	NA
AMD Athlon II X2 4450e	1504	1985	NA	NA
AMD Athlon II X2 B22	1714	1871	41.13	\$41.69*
AMD Athlon II X2 B24	1778	1840	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	1779	54.56	\$34.95
AMD Athlon II X2 B28	2085	1698	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1730	18.70	\$107.43*
AMD Athlon II X3 405e	2000	1732	25.00	\$79.99*
AMD Athlon II X3 415e	2247	1633	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1612	19.68	\$116.15*
AMD Athlon II X3 425	2314	1600	85.74	\$26.99*
AMD Athlon II X3 425e	2239	1640	NA	NA
AMD Athlon II X3 435	2470	1545	82.36	\$29.99*
AMD Athlon II X3 440	2566	1507	95.10	\$26.99*
AMD Athlon II X3 445	2573	1504	28.28	\$91.00*
AMD Athlon II X3 450	2621	1488	68.96	\$38.01
AMD Athlon II X3 455	2767	1442	70.97	\$38.99*
AMD Athlon II X3 460	2864	1412	73.46	\$38.99*
AMD Athlon II X4 553	3814	1130	NA	NA
AMD Athlon II X4 555	3830	1126	NA	NA
AMD Athlon II X4 559	4125	1067	NA	NA
AMD Athlon II X4 600e	2465	1547	18.93	\$130.23*
AMD Athlon II X4 605e	2734	1457	26.86	\$101.80*
AMD Athlon II X4 610e	2790	1435	39.87	\$69.99*
AMD Athlon II X4 615e	2899	1403	49.15	\$59.00*
AMD Athlon II X4 620	2929	1387	48.86	\$59.95
AMD Athlon II X4 620e	2906	1399	NA	NA
AMD Athlon II X4 630	3131	1318	49.74	\$62.95
AMD Athlon II X4 631 Quad-Core	3151	1314	39.39	\$80.00*
AMD Athlon II X4 635	3234	1280	46.24	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1293	120.73	\$26.49*
AMD Athlon II X4 640	3314	1259	41.46	\$79.95
AMD Athlon II X4 641 Quad-Core	3342	1250	36.53	\$91.50*
AMD Athlon II X4 645	3467	1219	43.37	\$79.95
AMD Athlon II X4 650	3482	1216	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	1189	20.09	\$178.04*
AMD Athlon II X4 655	2998	1361	NA	NA
AMD Athlon II X4 6400e	2594	1495	NA	NA
AMD Athlon L110	303	2745	NA	NA
AMD Athlon LE-1600	557	2491	26.57	\$21.00*
AMD Athlon LE-1620	578	2481	32.12	\$18.00*

AMD Athlon LE-1640	626	2454	NA	NA
AMD Athlon LE-1660	679	2432	NA	NA
AMD Athlon MP	230	2846	4.20	\$54.95*
AMD Athlon MP 1700+	339	2706	NA	NA
AMD Athlon MP 2400+	436	2597	NA	NA
AMD Athlon MP 2800+	497	2531	NA	NA
AMD Athlon Neo MV-40	410	2620	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2258	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2383	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2361	NA	NA
AMD Athlon PRO 200GE	5204	851	NA	NA
AMD Athlon QI-46	473	2556	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	2616	NA	NA
AMD Athlon TF-36	395	2644	NA	NA
AMD Athlon X2 215	1543	1964	NA	NA
AMD Athlon X2 235e	1806	1831	NA	NA
AMD Athlon X2 240	1602	1940	NA	NA
AMD Athlon X2 240e	1670	1902	NA	NA
AMD Athlon X2 250	1696	1888	NA	NA
AMD Athlon X2 255	1627	1929	NA	NA
AMD Athlon X2 280	2303	1606	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1923	1769	38.49	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1632	NA	NA
AMD Athlon X2 440	1424	2019	NA	NA
AMD Athlon X2 Dual Core 3250e	778	2382	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2261	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2319	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2194	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2136	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2118	NA	NA
AMD Athlon X2 Dual Core L310	645	2445	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2251	NA	NA
AMD Athlon X3 425	2191	1657	NA	NA
AMD Athlon X3 435	2574	1503	26.96	\$95.49*
AMD Athlon X3 440	2078	1702	23.62	\$87.99*
AMD Athlon X3 445	2314	1599	NA	NA
AMD Athlon X3 455	2401	1570	NA	NA
AMD Athlon X4 605e	2505	1534	NA	NA
AMD Athlon X4 620	2861	1413	47.74	\$59.95
AMD Athlon X4 635	2891	1406	23.71	\$121.99*
AMD Athlon X4 640	3172	1300	NA	NA
AMD Athlon X4 740 Quad Core	4028	1082	14.54	\$277.00*
AMD Athlon X4 750 Quad Core	4551	978	NA	NA
AMD Athlon X4 750K Quad Core	4270	1040	55.47	\$76.99*

AMD Athlon X4 760K Quad Core	4595	971	109.47	\$41.98*
AMD Athlon X4 830	4701	947	NA	NA
AMD Athlon X4 840	5071	872	64.41	\$78.74*
AMD Athlon X4 845	5411	818	101.85	\$53.13*
AMD Athlon X4 860K	5412	816	40.11	\$134.95*
AMD Athlon X4 870K	5320	838	66.52	\$79.99*
AMD Athlon X4 880K	5592	792	55.93	\$99.99*
AMD Athlon X4 950	5248	846	72.27	\$72.62
AMD Athlon XP1600+	281	2788	NA	NA
AMD Athlon XP1900+	353	2693	NA	NA
AMD Athlon XP2100+	287	2777	NA	NA
AMD Athlon XP2200+	401	2636	NA	NA
AMD Athlon XP2400+	374	2666	NA	NA
AMD Athlon XP 1500	282	2787	NA	NA
AMD Athlon XP 1500+	257	2817	NA	NA
AMD Athlon XP 1600+	267	2807	NA	NA
AMD Athlon XP 1700	344	2703	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	2803	4.43	\$61.25*
AMD Athlon XP 1800+	300	2752	5.10	\$58.95*
AMD Athlon XP 1900+	312	2736	NA	NA
AMD Athlon XP 2000+	299	2753	12.00	\$24.99*
AMD Athlon XP 2100+	323	2719	NA	NA
AMD Athlon XP 2200+	328	2718	3.87	\$84.95*
AMD Athlon XP 2300+	464	2564	NA	NA
AMD Athlon XP 2400+	360	2686	4.01	\$89.99*
AMD Athlon XP 2500+	355	2690	NA	NA
AMD Athlon XP 2600+	372	2670	16.18	\$23.03*
AMD Athlon XP 2700+	393	2647	4.64	\$84.79*
AMD Athlon XP 2800+	400	2638	NA	NA
AMD Athlon XP 2900+	424	2610	NA	NA
AMD Athlon XP 3000+	402	2634	5.06	\$79.70*
AMD Athlon XP 3100+	433	2601	NA	NA
AMD Athlon XP 3200+	432	2602	NA	NA
AMD Athlon XP 3400+	570	2487	NA	NA
AMD Athlon XP Pro3+	367	2677	NA	NA
AMD Athlon XP-M	541	2500	15.48	\$34.95*
AMD C-30	310	2738	NA	NA
AMD C-50	462	2566	NA	NA
AMD C-60	466	2560	NA	NA
AMD C-60 APU	544	2496	NA	NA
AMD C-70 APU	557	2492	NA	NA
AMD E1 Micro-6200T APU	960	2289	NA	NA
AMD E1-1200 APU	655	2442	NA	NA
AMD E1-1500 APU	688	2427	NA	NA
AMD E1-2100 APU	641	2450	NA	NA

AMD E1-2200 APU	767	2386	NA	NA
AMD E1-2500 APU	890	2334	NA	NA
AMD E1-6010 APU	869	2340	NA	NA
AMD E1-6015 APU	900	2329	NA	NA
AMD E1-7010 APU	1012	2249	NA	NA
AMD E2-1800 APU	815	2366	NA	NA
AMD E2-2000 APU	825	2362	NA	NA
AMD E2-3000 APU	1121	2184	NA	NA
AMD E2-3000M APU	1097	2202	54.85	\$20.00*
AMD E2-3200 APU	1380	2040	172.79	\$7.99*
AMD E2-3800 APU	1641	1919	NA	NA
AMD E2-6110 APU	1912	1777	NA	NA
AMD E2-7110 APU	2287	1610	NA	NA
AMD E2-9000	1653	1915	NA	NA
AMD E2-9000e	1344	2059	NA	NA
AMD E2-9010	1705	1880	NA	NA
AMD E2-9030	1515	1980	NA	NA
AMD E-240	319	2725	NA	NA
AMD E-300 APU	610	2462	NA	NA
AMD E-350	745	2400	NA	NA
AMD E-350 APU	757	2393	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	2407	NA	NA
AMD E-450 APU	766	2387	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1845	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1695	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2508	1531	NA	NA
AMD Embedded R-Series RX-216GD	2409	1566	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	874	NA	NA
AMD Embedded R-Series RX-421BD	4635	961	NA	NA
AMD EPYC 3201	9634	386	NA	NA
AMD EPYC 7251 8-Core	11811	257	26.01	\$454.18
AMD EPYC 7301	14978	165	22.05	\$679.24
AMD EPYC 7351	18081	98	15.12	\$1,195.99
AMD EPYC 7351P	14887	167	27.68	\$537.74
AMD EPYC 7371	22071	44	NA	NA
AMD EPYC 7401P	20221	67	20.02	\$1,010.00
AMD EPYC 7501	18942	87	9.19	\$2,060.86
AMD EPYC 7502P	23465	34	10.20	\$2,300.00*
AMD EPYC 7551	18483	90	7.79	\$2,373.81
AMD EPYC 7551P	18406	93	3.85	\$4,785.29
AMD EPYC 7571	20858	60	NA	NA

AMD EPYC 7742	47281	1	6.80	\$6,950.00*
AMD FirePro A320 APU	4540	984	NA	NA
AMD FX-670K Quad-Core	4550	980	NA	NA
AMD FX-770K Quad-Core	4812	929	NA	NA
AMD FX-870K Quad Core	5021	887	NA	NA
AMD FX-4100 Quad-Core	4073	1076	26.55	\$153.45*
AMD FX-4130 Quad-Core	4164	1058	54.80	\$75.99*
AMD FX-4150 Quad-Core	4594	972	NA	NA
AMD FX-4170 Quad-Core	4868	915	48.69	\$99.99*
AMD FX-4200 Quad-Core	4260	1043	18.67	\$228.21*
AMD FX-4300 Quad-Core	4694	949	42.70	\$109.95
AMD FX-4320	4993	892	NA	NA
AMD FX-4330	5321	837	NA	NA
AMD FX-4350 Quad-Core	5340	832	12.42	\$430.00
AMD FX-6100 Six-Core	5405	821	20.95	\$258.00
AMD FX-6120 Six-Core	5745	775	NA	NA
AMD FX-6130 Six-Core	6215	720	NA	NA
AMD FX-6200 Six-Core	6110	732	17.97	\$339.95
AMD FX-6300 Six-Core	6405	704	61.01	\$104.99
AMD FX-6330 Six-Core	6954	648	NA	NA
AMD FX-6350 Six-Core	7017	639	42.03	\$166.99
AMD FX-7500 APU	3207	1289	NA	NA
AMD FX-7600P	4050	1078	NA	NA
AMD FX-7600P APU	4627	963	NA	NA
AMD FX-8100 Eight-Core	5964	746	42.00	\$142.00*
AMD FX-8120 Eight-Core	6642	682	29.82	\$222.73*
AMD FX-8140 Eight-Core	6133	729	NA	NA
AMD FX-8150 Eight-Core	7659	584	76.63	\$99.95
AMD FX-8300 Eight-Core	7762	572	17.62	\$440.54
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8310 Eight-Core	7731	576	NA	NA
AMD FX-8320 Eight-Core	8036	538	62.78	\$128.01
AMD FX-8320E Eight-Core	7574	591	69.48	\$109.01
AMD FX-8350 Eight-Core	8955	455	45.28	\$197.77
AMD FX-8370 Eight-Core	9045	442	18.20	\$497.00
AMD FX-8370E Eight-Core	7860	557	24.56	\$320.09
AMD FX-8800P	4145	1062	NA	NA
AMD FX-9370 Eight-Core	9466	400	15.57	\$608.00
AMD FX-9590 Eight-Core	10191	332	50.97	\$199.95
AMD FX-9800P	3963	1099	NA	NA
AMD FX-9830P	4773	937	NA	NA
AMD FX-B4150 Quad-Core	4611	968	NA	NA
AMD G-T40E	467	2559	NA	NA
AMD G-T40N	516	2518	NA	NA
AMD G-T40R	203	2873	NA	NA

AMD G-T44R	229	2847	NA	NA
AMD G-T48E	667	2437	NA	NA
AMD G-T52R	308	2740	NA	NA
AMD G-T56E	751	2395	NA	NA
AMD G-T56N	795	2377	NA	NA
AMD Geode NX	264	2810	NA	NA
AMD Geode NX 1750	291	2766	NA	NA
AMD GX-210JA SOC	401	2637	NA	NA
AMD GX-212JC SOC	744	2401	NA	NA
AMD GX-217GA SOC	1107	2199	NA	NA
AMD GX-218GL SOC	1207	2140	NA	NA
AMD GX-222GC SOC	1255	2114	NA	NA
AMD GX-412HC	1497	1990	NA	NA
AMD GX-415GA SOC	1944	1759	NA	NA
AMD GX-420CA SOC	2412	1565	NA	NA
AMD GX-424CC SOC	2491	1539	NA	NA
AMD K7	403	2631	NA	NA
AMD Opteron 140	396	2642	0.62	\$640.00
AMD Opteron 142	428	2606	NA	NA
AMD Opteron 144	486	2541	7.48	\$65.00*
AMD Opteron 146	532	2504	8.87	\$59.99*
AMD Opteron 148	603	2467	NA	NA
AMD Opteron 150	604	2465	NA	NA
AMD Opteron 152	658	2439	NA	NA
AMD Opteron 154	703	2420	NA	NA
AMD Opteron 165	899	2331	1.63	\$550.00
AMD Opteron 170	1097	2201	NA	NA
AMD Opteron 175	1167	2166	NA	NA
AMD Opteron 180	1236	2125	9.51	\$129.95*
AMD Opteron 185	1342	2061	NA	NA
AMD Opteron 246	632	2453	31.62	\$19.99*
AMD Opteron 248	476	2553	4.77	\$99.95
AMD Opteron 250	649	2443	59.01	\$11.00*
AMD Opteron 252	760	2391	12.00	\$63.36*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 254	693	2425	NA	NA
AMD Opteron 256	963	2284	50.72	\$19.00*
AMD Opteron 265	963	2285	13.20	\$73.00
AMD Opteron 270	1170	2162	1.93	\$607.47*
AMD Opteron 275	1291	2088	19.87	\$64.99
AMD Opteron 280	1176	2156	1.48	\$796.67*
AMD Opteron 285	1470	2001	18.39	\$79.95
AMD Opteron 290	1464	2003	10.85	\$135.00*
AMD Opteron 1210	923	2316	NA	NA
AMD Opteron 1210 HE	971	2279	NA	NA
AMD Opteron 1212	1009	2252	3.48	\$290.00*

AMD Opteron 1212 HE	1308	2077	NA	NA
AMD Opteron 1214	1191	2148	4.11	\$290.00*
AMD Opteron 1214 HE	1299	2082	NA	NA
AMD Opteron 1216	1311	2075	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2160	NA	NA
AMD Opteron 1218	1468	2002	NA	NA
AMD Opteron 1218 HE	1444	2011	NA	NA
AMD Opteron 1220	1653	1916	NA	NA
AMD Opteron 1222	1757	1847	NA	NA
AMD Opteron 1352	2316	1598	17.04	\$135.99*
AMD Opteron 1354	2630	1485	19.49	\$135.00*
AMD Opteron 1356	2765	1444	30.73	\$89.99*
AMD Opteron 1381	3065	1341	NA	NA
AMD Opteron 2212	1270	2108	63.53	\$20.00*
AMD Opteron 2214	1358	2054	46.85	\$29.00*
AMD Opteron 2214 HE	1415	2024	NA	NA
AMD Opteron 2216	1518	1977	58.84	\$25.80
AMD Opteron 2218	1594	1946	19.94	\$79.95
AMD Opteron 2220	1701	1883	21.29	\$79.95
AMD Opteron 2220 SE	1398	2028	55.92	\$25.00*
AMD Opteron 2222	1843	1811	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1772	NA	NA
AMD Opteron 2350	2820	1424	35.28	\$79.95
AMD Opteron 2354	2450	1553	7.38	\$332.03*
AMD Opteron 2356	2814	1427	54.12	\$52.00*
AMD Opteron 2373 EE	2789	1438	NA	NA
AMD Opteron 2374 HE	2951	1376	15.53	\$189.99*
AMD Opteron 2376	2283	1613	13.69	\$166.81*
AMD Opteron 2378	3179	1298	17.76	\$179.00*
AMD Opteron 2380	2640	1482	58.69	\$45.00
AMD Opteron 2384	3538	1200	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1201	NA	NA
AMD Opteron 2393 SE	2246	1634	NA	NA
AMD Opteron 2427	3069	1339	38.39	\$79.95
AMD Opteron 2431	4516	987	112.91	\$40.00*
AMD Opteron 2435	4708	946	24.91	\$189.00*
AMD Opteron 3250 HE	2942	1380	29.73	\$99.00*
AMD Opteron 3260 HE	3259	1270	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 3280	5403	822	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1471	NA	NA
AMD Opteron 3350 HE	4105	1069	NA	NA
AMD Opteron 3365	6088	738	NA	NA
AMD Opteron 3380	6384	706	7.89	\$809.00*
AMD Opteron 4122	2942	1381	23.55	\$124.99*

AMD Opteron 4162 EE	3166	1303	NA	NA
AMD Opteron 4170 HE	3664	1170	62.11	\$59.00*
AMD Opteron 4184	4418	1008	8.50	\$519.95*
AMD Opteron 4280	6430	701	128.60	\$50.00
AMD Opteron 4284	6660	680	111.03	\$59.99*
AMD Opteron 4332 HE	5614	787	NA	NA
AMD Opteron 4334	6099	734	28.18	\$216.42*
AMD Opteron 4365 EE	5025	886	NA	NA
AMD Opteron 4386	6761	666	48.30	\$139.99*
AMD Opteron 6128	4505	990	237.24	\$18.99
AMD Opteron 6134	2938	1382	66.81	\$43.99*
AMD Opteron 6136	4631	962	42.10	\$110.00*
AMD Opteron 6164 HE	5351	830	NA	NA
AMD Opteron 6172	5261	843	26.57	\$198.00*
AMD Opteron 6174	6171	724	77.19	\$79.95
AMD Opteron 6176 SE	5465	811	34.37	\$159.00*
AMD Opteron 6212	5776	769	192.62	\$29.99*
AMD Opteron 6220	6785	662	113.11	\$59.99*
AMD Opteron 6234	5938	749	198.27	\$29.95*
AMD Opteron 6238	7673	582	21.32	\$359.89*
AMD Opteron 6272	6748	670	96.42	\$69.99
AMD Opteron 6274	4865	918	108.15	\$44.99
AMD Opteron 6276	8889	463	52.60	\$169.00
AMD Opteron 6282 SE	9116	431	14.24	\$640.00
AMD Opteron 6287 SE	9789	372	NA	NA
AMD Opteron 6328	7813	564	13.13	\$595.00
AMD Opteron 6366 HE	7503	595	250.19	\$29.99*
AMD Opteron 6376	9212	423	141.72	\$65.00
AMD Opteron 6378	9094	434	47.87	\$190.00
AMD Opteron 6380	10081	341	170.88	\$59.00
AMD Opteron 6386 SE	10912	289	75.26	\$144.99
AMD Opteron 8354	2255	1631	93.98	\$24.00
AMD Opteron 8439 SE	3813	1131	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1342	NA	NA
AMD Opteron X3216 APU	2366	1585	NA	NA
AMD Opteron X3418 APU	4659	954	NA	NA
AMD Opteron X3421 APU	4866	916	NA	NA
AMD Phenom 2 X4 12000	3005	1358	NA	NA
AMD Phenom 7950 Quad-Core	2991	1364	NA	NA
AMD Phenom 8250 Triple-Core	1668	1903	NA	NA
AMD Phenom 8250e Triple-Core	1635	1924	34.81	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1926	NA	NA
AMD Phenom 8450 Triple-Core	1889	1790	63.09	\$29.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8450e Triple-Core	2026	1723	NA	NA
AMD Phenom 8600 Triple-Core	1673	1900	31.57	\$52.99*

AMD Phenom 8600B Triple-Core	1924	1767	36.33	\$52.99*
AMD Phenom 8650 Triple-Core	1989	1735	39.80	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1712	NA	NA
AMD Phenom 8750B Triple-Core	2034	1718	NA	NA
AMD Phenom 8850 Triple-Core	1968	1746	NA	NA
AMD Phenom 8850B Triple-Core	2080	1701	NA	NA
AMD Phenom 9100e Quad-Core	1833	1821	45.89	\$39.95*
AMD Phenom 9150e Quad-Core	2113	1684	52.91	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1597	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1493	24.76	\$105.00*
AMD Phenom 9500 Quad-Core	2203	1652	75.99	\$28.99*
AMD Phenom 9550 Quad-Core	2544	1518	87.76	\$28.99*
AMD Phenom 9600 Quad-Core	2303	1605	46.11	\$49.95*
AMD Phenom 9600B Quad-Core	2573	1506	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2635	1483	58.63	\$44.95*
AMD Phenom 9750 Quad-Core	2810	1429	95.32	\$29.49*
AMD Phenom 9750B Quad-Core	2709	1463	NA	NA
AMD Phenom 9850 Quad-Core	2887	1408	24.07	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1309	NA	NA
AMD Phenom 9950 Quad-Core	3009	1355	22.29	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1526	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1378	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1177	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1213	NA	NA
AMD Phenom II N620 Dual-Core	1684	1893	422.27	\$3.99*
AMD Phenom II N640 Dual-Core	1721	1865	26.51	\$64.95*
AMD Phenom II N660 Dual-Core	1844	1810	18.63	\$99.00*
AMD Phenom II N830 3+1	2652	1478	NA	NA
AMD Phenom II N830 Triple-Core	1890	1789	NA	NA
AMD Phenom II N850 Triple-Core	1937	1761	77.51	\$25.00*
AMD Phenom II N870 Triple-Core	1999	1733	NA	NA
AMD Phenom II N930 Quad-Core	2274	1619	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1543	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2515	1528	16.77	\$149.99*
AMD Phenom II P650 Dual-Core	1579	1951	45.12	\$35.00*
AMD Phenom II P820 Triple-Core	1602	1941	NA	NA
AMD Phenom II P840 Triple-Core	1709	1875	NA	NA
AMD Phenom II P860 Triple-Core	1756	1849	NA	NA
AMD Phenom II P920 Quad-Core	1866	1799	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1831	1822	NA	NA
AMD Phenom II P960 Quad-Core	2085	1696	74.48	\$28.00*
AMD Phenom II X2 511	2104	1689	NA	NA
AMD Phenom II X2 521	2071	1704	NA	NA
AMD Phenom II X2 545	1918	1773	43.62	\$43.98*
AMD Phenom II X2 550	2022	1724	40.46	\$49.99*
AMD Phenom II X2 555	2041	1715	72.98	\$27.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X2 560	2061	1708	31.71	\$64.99*
AMD Phenom II X2 565	2225	1646	74.21	\$29.99*
AMD Phenom II X2 570	2068	1707	NA	NA
AMD Phenom II X2 B53	1709	1876	NA	NA
AMD Phenom II X2 B55	1921	1771	40.02	\$48.00*
AMD Phenom II X2 B57	1823	1825	NA	NA
AMD Phenom II X2 B59	2118	1682	48.11	\$44.04
AMD Phenom II X3 700e	2242	1638	NA	NA
AMD Phenom II X3 705e	2227	1643	14.63	\$152.34*
AMD Phenom II X3 710	2447	1554	28.96	\$84.53*
AMD Phenom II X3 715	2649	1481	31.17	\$84.99*
AMD Phenom II X3 720	2668	1473	38.13	\$69.99*
AMD Phenom II X3 740	2985	1365	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1455	36.47	\$75.00*
AMD Phenom II X3 B75	2896	1405	72.43	\$39.99*
AMD Phenom II X3 B77	3067	1340	137.64	\$22.29*
AMD Phenom II X4 805	2998	1360	17.23	\$173.99*
AMD Phenom II X4 810	3121	1323	26.91	\$115.99*
AMD Phenom II X4 820	3396	1235	45.31	\$74.95*
AMD Phenom II X4 830	3434	1226	43.47	\$79.00
AMD Phenom II X4 840	3507	1209	39.00	\$89.95*
AMD Phenom II X4 840T	3597	1183	51.41	\$69.99*
AMD Phenom II X4 850	3549	1193	54.62	\$64.99*
AMD Phenom II X4 900e	2882	1410	NA	NA
AMD Phenom II X4 905e	3080	1336	57.06	\$53.99*
AMD Phenom II X4 910	3247	1276	32.48	\$100.00*
AMD Phenom II X4 910e	3254	1272	20.73	\$156.99*
AMD Phenom II X4 920	3389	1237	42.37	\$79.99
AMD Phenom II X4 925	3416	1229	77.66	\$43.99*
AMD Phenom II X4 940	3591	1186	60.53	\$59.34*
AMD Phenom II X4 945	3653	1174	53.64	\$68.11*
AMD Phenom II X4 955	3919	1111	30.11	\$130.16*
AMD Phenom II X4 960T	3777	1138	8.05	\$469.00
AMD Phenom II X4 965	4180	1056	24.73	\$169.01*
AMD Phenom II X4 970	4317	1032	29.15	\$148.11*
AMD Phenom II X4 973	3759	1145	NA	NA
AMD Phenom II X4 975	4453	998	31.88	\$139.69*
AMD Phenom II X4 977	3750	1149	NA	NA
AMD Phenom II X4 980	4490	994	19.52	\$229.99*
AMD Phenom II X4 8700e	2377	1579	NA	NA
AMD Phenom II X4 B05e	2792	1434	NA	NA
AMD Phenom II X4 B15e	2736	1454	NA	NA
AMD Phenom II X4 B25	3297	1263	NA	NA
AMD Phenom II X4 B35	3383	1241	NA	NA
AMD Phenom II X4 B40	3352	1246	NA	NA

AMD Phenom II X4 B45	3467	1218	NA	NA
AMD Phenom II X4 B50	3697	1163	NA	NA
AMD Phenom II X4 B55	3853	1119	NA	NA
AMD Phenom II X4 B60	4034	1081	NA	NA
AMD Phenom II X4 B65	4172	1057	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B70	4261	1042	NA	NA
AMD Phenom II X4 B93	3345	1248	NA	NA
AMD Phenom II X4 B95	3677	1167	50.41	\$72.95*
AMD Phenom II X4 B97	3868	1116	67.87	\$56.99*
AMD Phenom II X4 B99	4130	1066	NA	NA
AMD Phenom II X6 1035T	4665	951	24.68	\$189.00*
AMD Phenom II X6 1045T	4801	933	44.45	\$108.01*
AMD Phenom II X6 1055T	4968	898	61.92	\$80.24*
AMD Phenom II X6 1065T	5034	884	NA	NA
AMD Phenom II X6 1075T	5333	834	47.20	\$112.99*
AMD Phenom II X6 1090T	5565	798	36.13	\$154.04*
AMD Phenom II X6 1100T	5709	777	32.17	\$177.49*
AMD Phenom II X6 1405T	5042	882	NA	NA
AMD Phenom II X620 Dual-Core	2189	1658	NA	NA
AMD Phenom II X640 Dual-Core	2021	1725	NA	NA
AMD Phenom II X920 Quad-Core	2650	1480	NA	NA
AMD Phenom II X940 Quad-Core	2695	1465	NA	NA
AMD Phenom Ultra X4 24500	3945	1103	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1886	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1651	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1854	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2154	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	2013	NA	NA
AMD Phenom X3 8550	1929	1765	11.35	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1846	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1734	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1641	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1404	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1462	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1467	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2137	NA	NA
AMD PRO A4-3350B APU	2274	1620	NA	NA
AMD PRO A4-8350B	2776	1440	NA	NA
AMD PRO A6-7350B	2759	1447	NA	NA
AMD PRO A6-8500B	2516	1527	NA	NA
AMD PRO A6-8530B	2388	1575	NA	NA
AMD PRO A6-8550B	2970	1372	NA	NA
AMD PRO A6-8570	3049	1348	NA	NA
AMD PRO A6-8570E	2824	1423	NA	NA
AMD PRO A6-9500	2950	1377	39.88	\$74.00*

AMD PRO A6-9500B	2076	1703	NA	NA
AMD PRO A6-9500E	2717	1460	36.73	\$74.00*
AMD PRO A8-8600B	3512	1208	NA	NA
AMD PRO A8-8650B	5250	845	NA	NA
AMD PRO A8-8670E	5015	888	NA	NA
AMD PRO A8-9600	5277	840	44.35	\$119.00*
AMD PRO A8-9600B	3964	1096	NA	NA
AMD PRO A10-8700B	3562	1192	NA	NA
AMD PRO A10-8730B	3971	1093	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A10-8750B	5473	807	NA	NA
AMD PRO A10-8770	5707	778	NA	NA
AMD PRO A10-8770E	5035	883	NA	NA
AMD PRO A10-8850B	5852	758	NA	NA
AMD PRO A10-9700	5677	780	33.59	\$169.00*
AMD PRO A10-9700B	4380	1014	NA	NA
AMD PRO A10-9700E	5066	875	36.45	\$139.00*
AMD PRO A12-8800B	4111	1068	NA	NA
AMD PRO A12-8830B	4315	1033	NA	NA
AMD PRO A12-8870	6067	741	NA	NA
AMD PRO A12-8870E	5186	857	NA	NA
AMD PRO A12-9800	6132	730	36.29	\$169.00*
AMD PRO A12-9800B	4089	1073	NA	NA
AMD PRO A12-9800E	4769	938	28.22	\$169.00*
AMD QC-4000	1663	1910	NA	NA
AMD R-260H APU	1576	1952	NA	NA
AMD R-460L APU	1954	1752	NA	NA
AMD R-464L APU	3117	1325	NA	NA
AMD RX-427BB	4351	1020	NA	NA
AMD Ryzen 3 1200	6784	663	113.45	\$59.80
AMD Ryzen 3 1300X	7568	592	58.03	\$130.41
AMD Ryzen 3 2200G	7324	614	91.58	\$79.98
AMD Ryzen 3 2200GE	6976	643	NA	NA
AMD Ryzen 3 2200U	4585	974	NA	NA
AMD Ryzen 3 2300U	6091	737	NA	NA
AMD Ryzen 3 2300X	8397	507	NA	NA
AMD Ryzen 3 3200G	7800	565	82.12	\$94.99
AMD Ryzen 3 3200U	4792	934	NA	NA
AMD Ryzen 3 3300U	5917	751	NA	NA
AMD Ryzen 3 PRO 1200	7075	635	NA	NA
AMD Ryzen 3 PRO 1300	8022	542	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	866	NA	NA
AMD Ryzen 3 PRO 2200G	8045	535	NA	NA
AMD Ryzen 3 PRO 2200GE	7613	588	NA	NA
AMD Ryzen 3 PRO 2300U	7092	633	NA	NA

AMD Ryzen 3 PRO 3200GE	8147	525	NA	NA
AMD Ryzen 3 PRO 3300U	6888	657	NA	NA
AMD Ryzen 5 1400	8367	508	57.71	\$144.99
AMD Ryzen 5 1500X	10116	339	71.75	\$141.01
AMD Ryzen 5 1600	12278	243	109.16	\$112.48
AMD Ryzen 5 1600X	13193	217	89.76	\$146.99
AMD Ryzen 5 2400G	9322	412	78.22	\$119.18
AMD Ryzen 5 2400GE	8795	469	NA	NA
AMD Ryzen 5 2500U	7353	611	NA	NA
AMD Ryzen 5 2500X	9881	361	NA	NA
AMD Ryzen 5 2600	13529	208	104.89	\$128.99
AMD Ryzen 5 2600H	8366	509	NA	NA
AMD Ryzen 5 2600X	14368	182	91.23	\$157.50
AMD Ryzen 5 3400G	9983	351	71.32	\$139.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 3500U	7980	548	NA	NA
AMD Ryzen 5 3550H	8497	498	NA	NA
AMD Ryzen 5 3600	19977	69	102.51	\$194.89
AMD Ryzen 5 3600X	20459	63	85.61	\$239.00
AMD Ryzen 5 PRO 1500	10133	337	NA	NA
AMD Ryzen 5 PRO 1600	12213	248	NA	NA
AMD Ryzen 5 PRO 2400G	9961	355	NA	NA
AMD Ryzen 5 PRO 2400GE	8512	495	NA	NA
AMD Ryzen 5 PRO 2500U	8242	517	NA	NA
AMD Ryzen 5 PRO 2600	14221	187	NA	NA
AMD Ryzen 5 PRO 3500U	8465	500	NA	NA
AMD Ryzen 5 PRO 3600	21037	59	NA	NA
AMD Ryzen 7 1700	13924	192	60.60	\$229.79
AMD Ryzen 7 1700X	14812	169	90.35	\$163.95
AMD Ryzen 7 1800X	15534	152	59.75	\$259.99
AMD Ryzen 7 2700	15083	162	81.54	\$184.99
AMD Ryzen 7 2700U	7402	607	NA	NA
AMD Ryzen 7 2700X	16980	114	73.83	\$229.99
AMD Ryzen 7 2800H	8498	497	NA	NA
AMD Ryzen 7 3700U	8066	532	NA	NA
AMD Ryzen 7 3700X	23897	32	72.64	\$329.00
AMD Ryzen 7 3750H	9040	443	NA	NA
AMD Ryzen 7 3800X	24567	25	61.57	\$399.00
AMD Ryzen 7 PRO 1700	14112	188	NA	NA
AMD Ryzen 7 PRO 1700X	15324	157	NA	NA
AMD Ryzen 7 PRO 2700	15406	156	NA	NA
AMD Ryzen 7 PRO 2700U	8801	467	NA	NA
AMD Ryzen 7 PRO 2700X	17161	111	NA	NA
AMD Ryzen 7 PRO 3700U	8526	494	NA	NA
AMD Ryzen 9 3900X	31877	3	43.08	\$739.99
AMD Ryzen Embedded R1505G	4889	913	NA	NA

AMD Ryzen Embedded V1202B	4368	1016	NA	NA
AMD Ryzen Embedded V1605B	6969	644	NA	NA
AMD Ryzen Embedded V1807B	8604	490	NA	NA
AMD Ryzen Threadripper 1900X	16125	138	76.79	\$209.99
AMD Ryzen Threadripper 1920X	19974	70	95.12	\$209.99
AMD Ryzen Threadripper 1950X	21944	45	44.79	\$489.99
AMD Ryzen Threadripper 2920X	22214	43	59.24	\$374.98
AMD Ryzen Threadripper 2950X	25453	18	38.63	\$658.94
AMD Ryzen Threadripper 2970WX	21620	49	23.35	\$926.01
AMD Ryzen Threadripper 2990WX	23158	37	13.68	\$1,693.22
AMD Ryzen Threadripper 2990X	19227	85	NA	NA
AMD Sempron 130	700	2421	28.03	\$24.99*
AMD Sempron 140	738	2403	18.64	\$39.59*
AMD Sempron 145	808	2374	8.52	\$94.92
AMD Sempron 150	747	2397	16.64	\$44.95*
AMD Sempron 200U	267	2806	3.08	\$87.00*
AMD Sempron 210U	391	2653	NA	NA
AMD Sempron 240	2110	1687	36.39	\$58.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2100+	392	2651	NA	NA
AMD Sempron 2200+	282	2786	9.42	\$29.99*
AMD Sempron 2300+	318	2727	7.07	\$45.00*
AMD Sempron 2400+	314	2734	12.10	\$26.00*
AMD Sempron 2500+	335	2709	6.11	\$54.95*
AMD Sempron 2600+	374	2665	10.71	\$34.95
AMD Sempron 2650 APU	947	2300	17.66	\$53.68
AMD Sempron 2800+	383	2657	6.40	\$59.95
AMD Sempron 3000+	408	2624	20.41	\$20.00
AMD Sempron 3100+	452	2577	7.53	\$60.00*
AMD Sempron 3200+	406	2625	3.10	\$131.22*
AMD Sempron 3300+	484	2546	8.07	\$60.00
AMD Sempron 3400+	454	2575	15.21	\$29.89
AMD Sempron 3500+	379	2660	18.98	\$20.00*
AMD Sempron 3600+	483	2548	40.30	\$12.00*
AMD Sempron 3800+	554	2493	3.62	\$152.92*
AMD Sempron 3850 APU	1715	1870	23.54	\$72.90
AMD Sempron Dual Core 2100	936	2308	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2264	NA	NA
AMD Sempron Dual Core 2300	982	2272	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2297	NA	NA
AMD Sempron Dual Core 4900	1081	2215	NA	NA
AMD Sempron LE-250	490	2535	NA	NA
AMD Sempron LE-1100	438	2594	NA	NA
AMD Sempron LE-1150	444	2585	NA	NA
AMD Sempron LE-1200	527	2507	NA	NA

AMD Sempron LE-1250	543	2498	5.44	\$99.95*
AMD Sempron LE-1300	598	2469	28.51	\$21.00
AMD Sempron LE-1600	535	2503	NA	NA
AMD Sempron LE-1620	635	2451	NA	NA
AMD Sempron LE-1640	759	2392	NA	NA
AMD Sempron M100	566	2489	47.17	\$12.00*
AMD Sempron M120	582	2478	NA	NA
AMD Sempron SI-40	443	2587	36.93	\$12.00*
AMD Sempron SI-42	456	2574	15.22	\$30.01*
AMD Sempron X2 180	1391	2031	20.05	\$69.40*
AMD Sempron X2 190	1534	1969	18.39	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	2025	NA	NA
AMD Turion 64 Mobile MK-36	465	2561	NA	NA
AMD Turion 64 Mobile MK-38	513	2519	NA	NA
AMD Turion 64 Mobile ML-28	390	2654	NA	NA
AMD Turion 64 Mobile ML-30	402	2635	NA	NA
AMD Turion 64 Mobile ML-32	402	2633	NA	NA
AMD Turion 64 Mobile ML-34	425	2609	NA	NA
AMD Turion 64 Mobile ML-37	442	2588	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2513	NA	NA
AMD Turion 64 Mobile ML-42	615	2460	NA	NA
AMD Turion 64 Mobile ML-44	591	2471	NA	NA
AMD Turion 64 Mobile MT-28	419	2611	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile MT-30	378	2661	NA	NA
AMD Turion 64 Mobile MT-32	426	2608	NA	NA
AMD Turion 64 Mobile MT-34	429	2604	NA	NA
AMD Turion 64 Mobile MT-37	484	2545	NA	NA
AMD Turion 64 Mobile MT-40	536	2502	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2399	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2388	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2333	63.89	\$13.95*
AMD Turion 64 X2 Mobile TL-58	947	2302	NA	NA
AMD Turion 64 X2 Mobile TL-60	996	2263	62.48	\$15.95*
AMD Turion 64 X2 Mobile TL-62	1087	2207	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1090	2206	27.69	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2180	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2168	12.92	\$90.00*
AMD Turion Dual-Core RM-70	912	2324	36.49	\$25.00*
AMD Turion Dual-Core RM-72	860	2343	21.52	\$39.99*
AMD Turion Dual-Core RM-74	1016	2247	NA	NA
AMD Turion Dual-Core RM-75	1003	2257	36.53	\$27.46*
AMD Turion II Dual-Core Mobile M500	1293	2086	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2079	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	2064	NA	NA
AMD Turion II N530 Dual-Core	1583	1950	52.78	\$30.00*

AMD Turion II N550 Dual-Core	1521	1972	NA	NA
AMD Turion II Neo K625 Dual-Core	977	2274	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2152	NA	NA
AMD Turion II Neo N40L Dual-Core	928	2312	NA	NA
AMD Turion II Neo N54L Dual-Core	1364	2047	NA	NA
AMD Turion II P520 Dual-Core	1360	2051	NA	NA
AMD Turion II P540 Dual-Core	1430	2018	28.65	\$49.95*
AMD Turion II P560 Dual-Core	1515	1979	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	2026	52.55	\$26.76*
AMD Turion II Ultra Dual-Core Mobile M620	1435	2014	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1670	1901	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1970	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2370	NA	NA
AMD Turion X2 Dual Core L510	923	2317	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2345	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2224	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	991	2268	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2211	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2223	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1120	2185	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2175	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1023	2241	16.51	\$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2213	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2139	63.72	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2126	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1295	2085	23.56	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1216	2135	30.44	\$39.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD TurionX2 Dual Core Mobile RM-70	997	2262	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2238	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	2005	NA	NA
AMD V105	299	2754	NA	NA
AMD V120	623	2458	NA	NA
AMD V140	643	2448	12.89	\$49.95*
AMD V160	677	2433	NA	NA
AMD Z-01	523	2512	NA	NA
AMD Z-60 APU	500	2530	NA	NA
AMD-K6 3D	90	2930	NA	NA
AMD-K6-III	108	2927	NA	NA
AMD-K7	403	2632	NA	NA
Athlon 64 Dual Core 3800+	1234	2127	NA	NA
Athlon 64 Dual Core 4200+	1156	2172	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	2044	NA	NA
Athlon 64 Dual Core 5000+	1507	1984	NA	NA
Athlon 64 Dual Core 5400+	1614	1934	NA	NA

Athlon 64 Dual Core 5600+	1548	1961	NA	NA
Athlon Dual Core 4050e	968	2281	NA	NA
Athlon Dual Core 4450e	1204	2142	NA	NA
Athlon Dual Core 4850e	1346	2057	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1417	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1086	2210	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1170	2161	27.88	\$42.00
Celeron Dual-Core T3300 @ 2.00GHz	1201	2145	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	2104	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2141	NA	NA
HP Hexa-Core 2.0GHz	2178	1659	4.32	\$504.27*
Intel 2.80GHz	525	2510	NA	NA
Intel 1300 @ 1.66GHz	857	2347	NA	NA
Intel 1400 @ 1.83GHz	980	2273	NA	NA
Intel 1500 @ 2.00GHz	1024	2239	NA	NA
Intel Atom 230 @ 1.60GHz	307	2741	NA	NA
Intel Atom 330 @ 1.60GHz	587	2475	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2332	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2288	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1697	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1627	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1662	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3768	1140	16.24	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1249	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1307	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1551	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1519	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	923	14.62	\$332.00*
Intel Atom C3958 @ 2.00GHz	6586	687	14.67	\$449.00*
Intel Atom D410 @ 1.66GHz	301	2750	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2702	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2441	6.76	\$97.16*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D525 @ 1.80GHz	706	2416	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2630	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2431	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2413	NA	NA
Intel Atom D2700 @ 2.13GHz	839	2355	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2410	NA	NA
Intel Atom E660 @ 1.30GHz	271	2802	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2699	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2715	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2480	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2536	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2351	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2169	NA	NA

Intel Atom E3845 @ 1.91GHz	1504	1986	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1798	NA	NA
Intel Atom E3950 @ 1.60GHz	1876	1794	NA	NA
Intel Atom K510 @ 1.66GHz	658	2440	NA	NA
Intel Atom N270 @ 1.60GHz	270	2805	NA	NA
Intel Atom N280 @ 1.66GHz	282	2784	NA	NA
Intel Atom N435 @ 1.33GHz	261	2813	NA	NA
Intel Atom N450 @ 1.66GHz	296	2759	NA	NA
Intel Atom N455 @ 1.66GHz	283	2782	NA	NA
Intel Atom N470 @ 1.83GHz	318	2726	NA	NA
Intel Atom N475 @ 1.83GHz	314	2732	NA	NA
Intel Atom N550 @ 1.50GHz	524	2511	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	573	2485	6.66	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2746	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2508	NA	NA
Intel Atom N2800 @ 1.86GHz	625	2456	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2320	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1716	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2371	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1601	1942	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1191	2149	8.96	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1015	2248	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1273	2105	60.65	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1696	1887	27.11	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1833	1820	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1892	1787	25.71	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1894	1784	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2881	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2857	NA	NA
Intel Atom Z520 @ 1.33GHz	217	2858	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2790	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2696	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2658	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2837	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2488	NA	NA
Intel Atom Z3735D @ 1.33GHz	937	2306	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	948	2299	8.10	\$117.00*
Intel Atom Z3735F @ 1.33GHz	914	2321	5.04	\$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2328	NA	NA
Intel Atom Z3736F @ 1.33GHz	913	2322	NA	NA
Intel Atom Z3740 @ 1.33GHz	1068	2220	NA	NA
Intel Atom Z3740D @ 1.33GHz	1011	2250	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2218	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1018	2246	NA	NA
Intel Atom Z3770 @ 1.46GHz	1252	2117	8.38	\$149.44*

Intel Atom Z3770D @ 1.49GHz	805	2375	NA	NA
Intel Atom Z3775 @ 1.46GHz	1277	2103	36.49	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2100	NA	NA
Intel Atom Z3795 @ 1.60GHz	1804	1832	NA	NA
Intel Celeron 1.70GHz	130	2920	NA	NA
Intel Celeron 1.80GHz	136	2917	NA	NA
Intel Celeron 2.00GHz	182	2893	NA	NA
Intel Celeron 2.10GHz	244	2835	NA	NA
Intel Celeron 2.13GHz	208	2868	NA	NA
Intel Celeron 2.20GHz	213	2863	NA	NA
Intel Celeron 2.26GHz	223	2852	NA	NA
Intel Celeron 2.30GHz	227	2849	NA	NA
Intel Celeron 2.40GHz	217	2859	NA	NA
Intel Celeron 2.50GHz	247	2829	NA	NA
Intel Celeron 2.53GHz	245	2833	NA	NA
Intel Celeron 2.60GHz	238	2839	NA	NA
Intel Celeron 2.66GHz	249	2827	NA	NA
Intel Celeron 2.70GHz	245	2834	NA	NA
Intel Celeron 2.80GHz	254	2819	NA	NA
Intel Celeron 2.93GHz	283	2781	NA	NA
Intel Celeron 3.06GHz	284	2778	NA	NA
Intel Celeron 3.20GHz	288	2771	NA	NA
Intel Celeron 3.33GHz	333	2713	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2721	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2723	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2579	11.27	\$39.99*
Intel Celeron 430 @ 1.80GHz	487	2539	10.32	\$47.18
Intel Celeron 440 @ 2.00GHz	548	2494	18.28	\$29.99
Intel Celeron 450 @ 2.20GHz	625	2457	20.86	\$29.99*
Intel Celeron 530 @ 1.73GHz	474	2555	20.62	\$22.99*
Intel Celeron 540 @ 1.86GHz	521	2514	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2516	7.96	\$64.95
Intel Celeron 560 @ 2.13GHz	531	2505	6.65	\$79.95
Intel Celeron 570 @ 2.26GHz	517	2515	NA	NA
Intel Celeron 600MHz	147	2913	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2628	NA	NA
Intel Celeron 743 @ 1.30GHz	418	2612	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2396	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2674	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2461	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 847 @ 1.10GHz	935	2309	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2243	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2178	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2159	39.12	\$29.99*

Intel Celeron 877 @ 1.40GHz	1290	2089	NA	NA
Intel Celeron 887 @ 1.50GHz	1280	2099	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2434	23.32	\$28.99
Intel Celeron 925 @ 2.30GHz	691	2426	NA	NA
Intel Celeron 1000M @ 1.80GHz	1675	1898	NA	NA
Intel Celeron 1000MHz	213	2862	NA	NA
Intel Celeron 1005M @ 1.90GHz	1810	1828	NA	NA
Intel Celeron 1007U @ 1.50GHz	1389	2033	7.51	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1513	1982	NA	NA
Intel Celeron 1019Y @ 1.00GHz	946	2303	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1642	NA	NA
Intel Celeron 1037U @ 1.80GHz	1737	1860	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2150	NA	NA
Intel Celeron 1066MHz	259	2815	NA	NA
Intel Celeron 1100MHz	174	2899	NA	NA
Intel Celeron 1133MHz	282	2783	NA	NA
Intel Celeron 1200MHz	244	2836	NA	NA
Intel Celeron 1300MHz	288	2773	NA	NA
Intel Celeron 1333MHz	290	2767	NA	NA
Intel Celeron 1400MHz	302	2747	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1586	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1937	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1984	1738	NA	NA
Intel Celeron 2955U @ 1.40GHz	1417	2022	NA	NA
Intel Celeron 2957U @ 1.40GHz	1434	2016	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2193	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1601	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1948	NA	NA
Intel Celeron 2981U @ 1.60GHz	1364	2048	NA	NA
Intel Celeron 3205U @ 1.50GHz	1499	1988	5.22	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1641	1920	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1882	NA	NA
Intel Celeron 3765U @ 1.90GHz	1948	1757	NA	NA
Intel Celeron 3855U @ 1.60GHz	1686	1892	NA	NA
Intel Celeron 3865U @ 1.80GHz	1913	1775	NA	NA
Intel Celeron 3867U @ 1.80GHz	1843	1812	17.23	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1924	1768	NA	NA
Intel Celeron 3965U @ 2.20GHz	2358	1587	22.04	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1607	1936	15.03	\$107.00*
Intel Celeron 4205U @ 1.80GHz	1953	1754	18.25	\$107.00*
Intel Celeron @ 1.30GHz	965	2283	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2887	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2368	NA	NA
Intel Celeron B800 @ 1.50GHz	1278	2102	NA	NA
Intel Celeron B810 @ 1.60GHz	1395	2030	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

Intel Celeron B815 @ 1.60GHz	1365	2046	NA	NA
Intel Celeron B820 @ 1.70GHz	1432	2017	36.46	\$39.29*
Intel Celeron B830 @ 1.80GHz	1512	1983	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1867	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2804	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2748	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2729	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2708	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2629	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2549	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2476	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2346	7.80	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1052	2227	15.04	\$69.99
Intel Celeron E1500 @ 2.20GHz	1169	2163	59.51	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2113	NA	NA
Intel Celeron E3200 @ 2.40GHz	1382	2037	26.59	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1388	2034	24.36	\$57.00
Intel Celeron E3400 @ 2.60GHz	1440	2012	2.36	\$610.00*
Intel Celeron E3500 @ 2.70GHz	1454	2004	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	694	2423	13.90	\$49.99*
Intel Celeron G460 @ 1.80GHz	1035	2235	15.93	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2221	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2083	NA	NA
Intel Celeron G530 @ 2.40GHz	2130	1678	53.27	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1868	NA	NA
Intel Celeron G540 @ 2.50GHz	2196	1656	48.82	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1683	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1608	28.63	\$80.00
Intel Celeron G550T @ 2.20GHz	2032	1720	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1561	22.23	\$109.00
Intel Celeron G1101 @ 2.27GHz	1667	1905	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2489	1540	52.97	\$47.00
Intel Celeron G1610T @ 2.30GHz	2256	1629	56.35	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2577	1502	39.66	\$64.99
Intel Celeron G1620T @ 2.40GHz	2353	1591	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1538	35.63	\$69.99
Intel Celeron G1820 @ 2.70GHz	2754	1449	45.92	\$59.99
Intel Celeron G1820T @ 2.40GHz	2500	1537	59.54	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1676	NA	NA
Intel Celeron G1830 @ 2.80GHz	2559	1510	26.95	\$94.95
Intel Celeron G1840 @ 2.80GHz	2860	1414	31.78	\$90.00
Intel Celeron G1840T @ 2.50GHz	2554	1513	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1393	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3137	1317	57.06	\$54.99
Intel Celeron G3900E @ 2.40GHz	2679	1470	NA	NA
Intel Celeron G3900T @ 2.60GHz	2925	1389	26.01	\$112.46*

Intel Celeron G3900TE @ 2.30GHz	2591	1497	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1322	27.40	\$113.99*
Intel Celeron G3930 @ 2.90GHz	3036	1349	59.34	\$51.17*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3930T @ 2.70GHz	2766	1443	42.22	\$65.52
Intel Celeron G3930TE @ 2.70GHz	2970	1373	70.72	\$42.00*
Intel Celeron G3950 @ 3.00GHz	3049	1347	42.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3285	1265	62.06	\$52.95
Intel Celeron G4900T @ 2.90GHz	3096	1330	NA	NA
Intel Celeron G4920 @ 3.20GHz	3192	1296	41.74	\$76.50*
Intel Celeron J1750 @ 2.41GHz	1037	2234	NA	NA
Intel Celeron J1800 @ 2.41GHz	1020	2244	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1932	NA	NA
Intel Celeron J1900 @ 1.99GHz	1852	1806	NA	NA
Intel Celeron J3060 @ 1.60GHz	976	2276	NA	NA
Intel Celeron J3160 @ 1.60GHz	1793	1835	NA	NA
Intel Celeron J3355 @ 2.00GHz	1168	2164	NA	NA
Intel Celeron J3455 @ 1.50GHz	2112	1686	5.71	\$369.99
Intel Celeron J4005 @ 2.00GHz	1544	1963	10.99	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2652	1477	24.79	\$107.00*
Intel Celeron M 1.00GHz	207	2869	16.60	\$12.49*
Intel Celeron M 1.30GHz	316	2728	NA	NA
Intel Celeron M 1.50GHz	343	2704	NA	NA
Intel Celeron M 1.60GHz	364	2683	NA	NA
Intel Celeron M 1.70GHz	393	2649	NA	NA
Intel Celeron M 360 1.40GHz	328	2717	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2730	NA	NA
Intel Celeron M 420 @ 1.60GHz	334	2712	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2676	NA	NA
Intel Celeron M 440 @ 1.86GHz	392	2650	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2821	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2580	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2603	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2565	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2499	NA	NA
Intel Celeron M 600MHz	151	2911	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2573	NA	NA
Intel Celeron M 900MHz	204	2871	NA	NA
Intel Celeron M 1200MHz	275	2799	NA	NA
Intel Celeron M 1300MHz	303	2744	NA	NA
Intel Celeron M 1500MHz	333	2714	NA	NA
Intel Celeron M ULV 800MHz	184	2891	NA	NA
Intel Celeron N2805 @ 1.46GHz	460	2570	NA	NA
Intel Celeron N2806 @ 1.60GHz	802	2376	NA	NA
Intel Celeron N2807 @ 1.58GHz	861	2342	NA	NA
Intel Celeron N2808 @ 1.58GHz	907	2327	NA	NA

Intel Celeron N2810 @ 2.00GHz	787	2381	5.62	\$139.99*
Intel Celeron N2815 @ 1.86GHz	859	2344	NA	NA
Intel Celeron N2820 @ 2.13GHz	936	2307	4.46	\$209.99
Intel Celeron N2830 @ 2.16GHz	966	2282	NA	NA
Intel Celeron N2840 @ 2.16GHz	1004	2255	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2143	NA	NA
Intel Celeron N2920 @ 1.86GHz	1514	1981	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2930 @ 1.83GHz	1658	1913	NA	NA
Intel Celeron N2940 @ 1.83GHz	1722	1864	NA	NA
Intel Celeron N3000 @ 1.04GHz	899	2330	NA	NA
Intel Celeron N3010 @ 1.04GHz	973	2277	NA	NA
Intel Celeron N3050 @ 1.60GHz	878	2335	5.74	\$152.99
Intel Celeron N3060 @ 1.60GHz	990	2269	NA	NA
Intel Celeron N3150 @ 1.60GHz	1664	1906	NA	NA
Intel Celeron N3160 @ 1.60GHz	1664	1909	5.38	\$309.19
Intel Celeron N3350 @ 1.10GHz	1113	2191	NA	NA
Intel Celeron N3450 @ 1.10GHz	1851	1807	11.72	\$157.91
Intel Celeron N4000 @ 1.10GHz	1435	2015	13.41	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2257	1628	21.09	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1116	2187	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2266	NA	NA
Intel Celeron P4600 @ 2.00GHz	1328	2068	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2385	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2296	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2225	35.29	\$29.99*
Intel Celeron U1900 @ 1.99GHz	1704	1881	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2408	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2428	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2373	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2228	6.57	\$159.95*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2171	23.15	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1270	2107	17.84	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1384	2036	8.77	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	1997	54.88	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1108	2195	85.33	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2153	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1288	2091	43.04	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1360	2052	27.21	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	2008	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1989	100.26	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1554	1960	103.69	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1889	56.46	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1714	1872	166.47	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1946	1758	38.93	\$49.99*

Intel Core2 Duo E7200 @ 2.53GHz	1628	1928	33.24	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1726	1862	43.29	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1769	1841	61.05	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1797	125.04	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1965	1748	16.38	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1490	1992	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1761	1844	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1882	1793	37.66	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1751	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1589	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1989	1736	99.53	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1808	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8335 @ 2.93GHz	2128	1680	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2149	1672	47.23	\$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2097	1691	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2282	1614	57.06	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2400	1571	56.54	\$42.45*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1650	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2390	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2429	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2364	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2353	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	959	2290	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2278	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2186	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1080	2217	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1345	2058	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	2090	64.48	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1307	2078	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	2023	35.43	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2304	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1976	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1452	2007	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2242	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1453	2006	4.89	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1968	31.25	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1930	42.77	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1739	1858	30.53	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1957	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1753	1852	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1754	1850	17.72	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1864	1802	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2015	1727	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2474	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2119	4.95	\$253.00*

Intel Core2 Duo SP9400 @ 2.40GHz	1678	1897	5.91	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	925	2313	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	833	2359	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	839	2358	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2369	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	932	2310	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2323	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2326	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2318	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1039	2233	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2237	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2267	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1094	2205	109.58	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1116	2188	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1200	2146	75.48	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1148	2176	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5900 @ 2.20GHz	1211	2138	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2131	81.79	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1285	2095	85.75	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1258	2112	32.70	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1360	2050	72.00	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1358	2053	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1019	2245	46.36	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	2165	11.68	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1115	2189	5.54	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1193	2147	38.50	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1250	2121	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1271	2106	29.57	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1378	2042	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1423	2020	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1597	1944	2.63	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1298	2084	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1473	1999	13.52	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1673	1899	28.86	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1739	1859	38.70	\$44.95*
Intel Core2 Duo T9500 @ 2.60GHz	1793	1836	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1806	1830	6.04	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1766	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2016	1726	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2134	1675	5.35	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	874	2338	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2472	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2436	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2422	NA	NA

Intel Core2 Duo U9300 @ 1.20GHz	855	2349	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1128	2183	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1891	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1172	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3632	1175	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1222	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1875	1796	7.11	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1833	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2066	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1894	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1785	4.62	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2068	1706	2.43	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4156	1060	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	991	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	965	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	959	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2948	1379	73.75	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3281	1266	72.94	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2809	1430	122.22	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2980	1367	59.61	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3160	1308	13.17	\$239.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9000 @ 2.00GHz	2525	1521	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1278	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3157	1310	15.83	\$199.50*
Intel Core2 Quad Q9400 @ 2.66GHz	3339	1254	69.52	\$48.03*
Intel Core2 Quad Q9450 @ 2.66GHz	3757	1146	105.25	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3519	1206	100.60	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3531	1202	18.59	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3963	1097	89.09	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4158	1059	37.82	\$109.95*
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1101	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2687	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2737	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2615	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	464	2562	NA	NA
Intel Core 330 @ 1.60GHz	643	2447	NA	NA
Intel Core 860 @ 2.80GHz	4555	977	26.96	\$169.00*
Intel Core Duo L2300 @ 1.50GHz	719	2411	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2419	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2398	NA	NA
Intel Core Duo T2050 @ 1.60GHz	694	2424	NA	NA
Intel Core Duo T2250 @ 1.73GHz	754	2394	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2406	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2389	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2378	49.70	\$16.00*

Intel Core Duo T2450 @ 2.00GHz	825	2363	NA	NA
Intel Core Duo T2500 @ 2.00GHz	867	2341	7.23	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2305	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2240	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2497	NA	NA
Intel Core Duo U2500 @ 1.20GHz	511	2522	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1762	NA	NA
Intel Core i3-330M @ 2.13GHz	1785	1838	11.16	\$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2219	NA	NA
Intel Core i3-350M @ 2.27GHz	1891	1788	112.94	\$16.75
Intel Core i3-370M @ 2.40GHz	2015	1728	50.43	\$39.96*
Intel Core i3-380M @ 2.53GHz	2092	1693	34.91	\$59.95
Intel Core i3-380UM @ 1.33GHz	1157	2170	NA	NA
Intel Core i3-390M @ 2.67GHz	2167	1664	55.65	\$38.95*
Intel Core i3-530 @ 2.93GHz	2565	1508	23.76	\$108.00
Intel Core i3-540 @ 3.07GHz	2686	1468	20.67	\$130.02
Intel Core i3-550 @ 3.20GHz	2829	1421	16.10	\$175.74
Intel Core i3-560 @ 3.33GHz	2933	1383	16.30	\$179.95*
Intel Core i3-2100 @ 3.10GHz	3692	1166	67.14	\$54.99
Intel Core i3-2100T @ 2.50GHz	2980	1366	49.68	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1152	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3712	1161	32.29	\$114.99*
Intel Core i3-2120 @ 3.30GHz	3930	1108	56.15	\$70.00
Intel Core i3-2120T @ 2.60GHz	3155	1312	126.28	\$24.99
Intel Core i3-2125 @ 3.30GHz	4015	1084	19.40	\$207.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2130 @ 3.40GHz	4076	1075	35.45	\$114.99
Intel Core i3-2140 @ 3.50GHz	4325	1027	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1416	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2432	1558	62.68	\$38.81
Intel Core i3-2312M @ 2.10GHz	2374	1581	NA	NA
Intel Core i3-2328M @ 2.20GHz	2545	1516	27.38	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1338	NA	NA
Intel Core i3-2330M @ 2.20GHz	2527	1520	50.59	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1578	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1866	NA	NA
Intel Core i3-2348M @ 2.30GHz	2621	1487	NA	NA
Intel Core i3-2350M @ 2.30GHz	2630	1484	82.53	\$31.88
Intel Core i3-2357M @ 1.30GHz	1556	1959	NA	NA
Intel Core i3-2365M @ 1.40GHz	1679	1895	NA	NA
Intel Core i3-2367M @ 1.40GHz	1708	1878	NA	NA
Intel Core i3-2370M @ 2.40GHz	2777	1439	69.77	\$39.81
Intel Core i3-2375M @ 1.50GHz	1769	1842	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1823	NA	NA
Intel Core i3-3110M @ 2.40GHz	3080	1335	38.54	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3225	1284	29.33	\$110.00*

Intel Core i3-3130M @ 2.60GHz	3384	1239	NA	NA
Intel Core i3-3210 @ 3.20GHz	4042	1079	20.32	\$199.00
Intel Core i3-3217U @ 1.80GHz	2302	1607	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1666	NA	NA
Intel Core i3-3220 @ 3.30GHz	4245	1045	77.20	\$54.99
Intel Core i3-3220T @ 2.80GHz	3695	1164	29.56	\$125.00
Intel Core i3-3225 @ 3.30GHz	4345	1022	13.37	\$324.99
Intel Core i3-3227U @ 1.90GHz	2467	1546	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1884	NA	NA
Intel Core i3-3240 @ 3.40GHz	4318	1031	86.37	\$50.00
Intel Core i3-3240T @ 2.90GHz	3659	1171	NA	NA
Intel Core i3-3245 @ 3.40GHz	4444	1001	25.84	\$172.01*
Intel Core i3-3250 @ 3.50GHz	4456	997	46.92	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1178	NA	NA
Intel Core i3-4000M @ 2.40GHz	3257	1271	16.29	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2444	1555	NA	NA
Intel Core i3-4010U @ 1.70GHz	2441	1556	16.28	\$149.99
Intel Core i3-4010Y @ 1.30GHz	1900	1782	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2164	1665	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2213	1649	NA	NA
Intel Core i3-4025U @ 1.90GHz	2789	1437	NA	NA
Intel Core i3-4030U @ 1.90GHz	2717	1461	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1532	NA	NA
Intel Core i3-4100M @ 2.50GHz	3419	1227	15.65	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3854	1118	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1401	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1346	NA	NA
Intel Core i3-4130 @ 3.40GHz	4803	931	53.38	\$89.99
Intel Core i3-4130T @ 2.90GHz	4147	1061	46.61	\$88.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4150 @ 3.50GHz	4899	912	49.49	\$99.00
Intel Core i3-4150T @ 3.00GHz	4227	1046	18.39	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1390	NA	NA
Intel Core i3-4160 @ 3.60GHz	5047	881	46.11	\$109.47
Intel Core i3-4160T @ 3.10GHz	4451	1000	29.68	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5192	855	19.98	\$259.95
Intel Core i3-4170T @ 3.20GHz	4545	983	21.65	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5086	867	27.63	\$184.09
Intel Core i3-4330T @ 3.00GHz	4485	996	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1291	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	848	30.84	\$169.99*
Intel Core i3-4350 @ 3.60GHz	4990	893	29.36	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	1036	NA	NA
Intel Core i3-4360 @ 3.70GHz	5461	812	21.09	\$259.00
Intel Core i3-4360T @ 3.20GHz	4636	960	NA	NA
Intel Core i3-4370 @ 3.80GHz	5613	788	18.17	\$309.00*

Intel Core i3-4370T @ 3.30GHz	4870	914	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	903	NA	NA
Intel Core i3-5005U @ 2.00GHz	2908	1394	NA	NA
Intel Core i3-5010U @ 2.10GHz	3056	1343	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	2992	1362	NA	NA
Intel Core i3-5020U @ 2.20GHz	3202	1290	6.98	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	1169	NA	NA
Intel Core i3-6006U @ 2.00GHz	3083	1334	NA	NA
Intel Core i3-6098P @ 3.60GHz	5400	823	40.38	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5483	805	42.51	\$129.00
Intel Core i3-6100E @ 2.70GHz	3769	1139	NA	NA
Intel Core i3-6100H @ 2.70GHz	4219	1050	NA	NA
Intel Core i3-6100T @ 3.20GHz	4854	922	35.96	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	4304	1035	NA	NA
Intel Core i3-6100U @ 2.30GHz	3605	1182	7.00	\$515.00*
Intel Core i3-6102E @ 1.90GHz	3196	1294	14.20	\$225.00*
Intel Core i3-6157U @ 2.40GHz	3835	1124	NA	NA
Intel Core i3-6300 @ 3.80GHz	5845	761	10.78	\$541.99*
Intel Core i3-6300T @ 3.30GHz	5247	847	33.86	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6047	742	19.53	\$309.66
Intel Core i3-7020U @ 2.30GHz	3544	1196	12.61	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5785	767	33.18	\$174.40
Intel Core i3-7100H @ 3.00GHz	4627	964	20.57	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5056	878	36.32	\$139.22
Intel Core i3-7100U @ 2.40GHz	3766	1141	9.90	\$380.64*
Intel Core i3-7101TE @ 3.40GHz	5189	856	44.36	\$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1268	14.52	\$225.00*
Intel Core i3-7130U @ 2.70GHz	4058	1077	8.82	\$459.99*
Intel Core i3-7167U @ 2.80GHz	4757	940	NA	NA
Intel Core i3-7300 @ 4.00GHz	6328	711	36.83	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	827	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6417	703	35.12	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6599	686	38.15	\$172.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8100 @ 3.60GHz	8019	543	51.52	\$155.67
Intel Core i3-8100B @ 3.60GHz	8544	493	64.24	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7340	612	56.90	\$129.00
Intel Core i3-8109U @ 3.00GHz	6157	725	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	932	NA	NA
Intel Core i3-8130U @ 2.20GHz	5005	891	17.81	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5531	802	19.68	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8706	478	54.42	\$159.99
Intel Core i3-8300T @ 3.20GHz	8032	539	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9238	420	46.48	\$198.75
Intel Core i3-9100 @ 3.60GHz	9095	433	53.51	\$169.99
Intel Core i3-9100F @ 3.60GHz	8998	445	99.99	\$89.99

Intel Core i3-9100T @ 3.10GHz	7689	581	63.03	\$122.00*
Intel Core i3-9300 @ 3.70GHz	10018	344	65.91	\$152.00*
Intel Core i3-9300T @ 3.20GHz	8777	472	61.38	\$143.00*
Intel Core i3-9320 @ 3.70GHz	10144	335	62.62	\$162.00*
Intel Core i3-9350KF @ 4.00GHz	10571	308	49.40	\$214.00
Intel Core i3-21050 @ 3.10GHz	3862	1117	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1655	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1542	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3538	1199	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3676	1168	NA	NA
Intel Core i5-430M @ 2.27GHz	2095	1692	14.97	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	2062	NA	NA
Intel Core i5-450M @ 2.40GHz	2130	1677	66.69	\$31.95*
Intel Core i5-460M @ 2.53GHz	2321	1594	29.04	\$79.95*
Intel Core i5-470UM @ 1.33GHz	1081	2216	NA	NA
Intel Core i5-480M @ 2.67GHz	2402	1568	29.81	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1636	NA	NA
Intel Core i5-520M @ 2.40GHz	2368	1583	39.48	\$59.99
Intel Core i5-520UM @ 1.07GHz	1351	2055	NA	NA
Intel Core i5-540M @ 2.53GHz	2453	1552	12.92	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	2043	NA	NA
Intel Core i5-560M @ 2.67GHz	2578	1501	31.46	\$81.97*
Intel Core i5-560UM @ 1.33GHz	1664	1908	NA	NA
Intel Core i5-580M @ 2.67GHz	2580	1500	23.47	\$109.95*
Intel Core i5-650 @ 3.20GHz	3097	1329	13.77	\$224.95
Intel Core i5-655K @ 3.20GHz	3386	1238	56.45	\$59.99*
Intel Core i5-660 @ 3.33GHz	3248	1275	103.94	\$31.25*
Intel Core i5-661 @ 3.33GHz	3193	1295	13.88	\$229.99*
Intel Core i5-670 @ 3.47GHz	3319	1255	11.90	\$279.00*
Intel Core i5-680 @ 3.60GHz	3512	1207	39.03	\$89.99*
Intel Core i5-750 @ 2.67GHz	3721	1156	18.01	\$206.56*
Intel Core i5-760 @ 2.80GHz	3937	1106	17.12	\$229.95
Intel Core i5-2300 @ 2.80GHz	5366	828	67.09	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5533	801	29.70	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5772	770	36.08	\$160.00
Intel Core i5-2380P @ 3.10GHz	5749	774	31.94	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4223	1048	42.27	\$99.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2400 @ 3.10GHz	5971	745	89.12	\$67.00
Intel Core i5-2400S @ 2.50GHz	4987	894	14.67	\$339.95*
Intel Core i5-2405S @ 2.50GHz	5082	870	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3169	1302	44.02	\$72.00*
Intel Core i5-2415M @ 2.30GHz	3303	1262	NA	NA
Intel Core i5-2430M @ 2.40GHz	3286	1264	36.88	\$89.11*
Intel Core i5-2435M @ 2.40GHz	3232	1281	NA	NA
Intel Core i5-2450M @ 2.50GHz	3402	1231	38.65	\$88.02*

Intel Core i5-2450P @ 3.20GHz	6149	728	68.34	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2321	1595	NA	NA
Intel Core i5-2500 @ 3.30GHz	6351	709	115.47	\$55.00
Intel Core i5-2500K @ 3.30GHz	6488	695	14.94	\$434.26*
Intel Core i5-2500S @ 2.70GHz	5379	826	71.74	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4647	958	51.64	\$89.99*
Intel Core i5-2510E @ 2.50GHz	3483	1215	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1260	NA	NA
Intel Core i5-2520M @ 2.50GHz	3593	1185	21.19	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2081	1700	NA	NA
Intel Core i5-2540M @ 2.60GHz	3787	1135	65.28	\$58.02
Intel Core i5-2550K @ 3.40GHz	6672	678	35.12	\$190.00*
Intel Core i5-2557M @ 1.70GHz	2691	1466	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1147	NA	NA
Intel Core i5-3210M @ 2.50GHz	3828	1127	56.10	\$68.24
Intel Core i5-3230M @ 2.60GHz	3942	1105	17.39	\$226.77*
Intel Core i5-3317U @ 1.70GHz	3091	1331	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4132	1065	55.07	\$75.05*
Intel Core i5-3330 @ 3.00GHz	5949	748	29.75	\$200.00*
Intel Core i5-3330S @ 2.70GHz	5678	779	59.78	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	766	NA	NA
Intel Core i5-3337U @ 1.80GHz	3229	1283	14.35	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1648	NA	NA
Intel Core i5-3340 @ 3.10GHz	6093	735	20.80	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4247	1044	53.13	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	760	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6150	727	41.01	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4437	1004	47.81	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4442	1002	NA	NA
Intel Core i5-3427U @ 1.80GHz	3545	1195	8.44	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3622	1176	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1386	NA	NA
Intel Core i5-3450 @ 3.10GHz	6539	692	29.81	\$219.33*
Intel Core i5-3450S @ 2.80GHz	6229	717	44.81	\$139.00*
Intel Core i5-3470 @ 3.20GHz	6722	673	85.71	\$78.43
Intel Core i5-3470S @ 2.90GHz	6384	705	50.32	\$126.89
Intel Core i5-3470T @ 2.90GHz	4486	995	14.52	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6617	685	46.12	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6966	645	69.68	\$99.99*
Intel Core i5-3550S @ 3.00GHz	6910	653	20.95	\$329.95*
Intel Core i5-3570 @ 3.40GHz	7139	630	89.25	\$79.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3570K @ 3.40GHz	7185	627	51.33	\$139.99
Intel Core i5-3570S @ 3.10GHz	6751	669	23.69	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5914	752	NA	NA

Intel Core i5-3610ME @ 2.70GHz	3898	1113	NA	NA
Intel Core i5-4200H @ 2.80GHz	4453	999	NA	NA
Intel Core i5-4200M @ 2.50GHz	4037	1080	49.77	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3279	1267	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1567	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2262	1626	NA	NA
Intel Core i5-4210H @ 2.90GHz	4533	985	NA	NA
Intel Core i5-4210M @ 2.60GHz	4205	1052	13.57	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3401	1232	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2375	1580	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1604	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1400	NA	NA
Intel Core i5-4250U @ 1.30GHz	3376	1243	9.41	\$359.00
Intel Core i5-4258U @ 2.40GHz	4090	1072	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1190	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	1017	NA	NA
Intel Core i5-4288U @ 2.60GHz	4309	1034	NA	NA
Intel Core i5-4300M @ 2.60GHz	4441	1003	NA	NA
Intel Core i5-4300U @ 1.90GHz	3740	1151	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2505	1533	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1370	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	1049	NA	NA
Intel Core i5-4310M @ 2.70GHz	4655	955	NA	NA
Intel Core i5-4310U @ 2.00GHz	3782	1137	NA	NA
Intel Core i5-4330M @ 2.80GHz	4551	979	16.55	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4861	920	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1179	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	981	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1102	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1432	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6338	710	39.62	\$159.99
Intel Core i5-4430S @ 2.70GHz	5937	750	37.11	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6517	693	13.11	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6255	714	13.51	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6720	675	29.61	\$227.00
Intel Core i5-4460S @ 2.90GHz	6430	700	9.74	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4971	896	NA	NA
Intel Core i5-4570 @ 3.20GHz	7152	629	62.19	\$115.00
Intel Core i5-4570R @ 2.70GHz	6756	668	NA	NA
Intel Core i5-4570S @ 2.90GHz	6826	659	16.65	\$409.95
Intel Core i5-4570T @ 2.90GHz	4816	927	22.94	\$209.95
Intel Core i5-4570TE @ 2.70GHz	3827	1128	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7336	613	61.14	\$119.99
Intel Core i5-4590S @ 3.00GHz	7066	636	58.89	\$119.99
Intel Core i5-4590T @ 2.00GHz	5612	789	26.73	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7469	599	32.20	\$232.00
Passmark CPU				

CPU Name	Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4670K @ 3.40GHz	7636	587	22.21	\$343.89
Intel Core i5-4670K CPT @ 3.40GHz	7411	606	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	605	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7396	609	34.73	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6155	726	23.76	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7689	580	32.58	\$236.00
Intel Core i5-4690K @ 3.50GHz	7797	566	50.63	\$154.00
Intel Core i5-4690S @ 3.20GHz	7401	608	20.60	\$359.21*
Intel Core i5-4690T @ 2.50GHz	6547	690	NA	NA
Intel Core i5-5200U @ 2.20GHz	3494	1212	NA	NA
Intel Core i5-5250U @ 1.60GHz	3597	1184	8.14	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4410	1010	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	948	NA	NA
Intel Core i5-5300U @ 2.30GHz	3831	1125	7.43	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3500	1211	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	597	NA	NA
Intel Core i5-5675C @ 3.10GHz	8135	527	26.25	\$309.95*
Intel Core i5-5675R @ 3.10GHz	7991	546	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4142	1063	NA	NA
Intel Core i5-6200U @ 2.30GHz	4008	1085	NA	NA
Intel Core i5-6260U @ 1.80GHz	4359	1019	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4911	909	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	941	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6092	736	NA	NA
Intel Core i5-6300U @ 2.40GHz	4365	1018	NA	NA
Intel Core i5-6360U @ 2.00GHz	4686	950	NA	NA
Intel Core i5-6400 @ 2.70GHz	6757	667	28.08	\$240.65
Intel Core i5-6400T @ 2.20GHz	5610	790	21.58	\$259.95*
Intel Core i5-6402P @ 2.80GHz	7102	632	37.38	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	718	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6814	661	NA	NA
Intel Core i5-6500 @ 3.20GHz	7244	620	45.03	\$160.89
Intel Core i5-6500T @ 2.50GHz	6293	712	43.41	\$144.99*
Intel Core i5-6500TE @ 2.30GHz	6580	688	31.34	\$209.99*
Intel Core i5-6600 @ 3.30GHz	7770	570	29.64	\$262.13*
Intel Core i5-6600K @ 3.50GHz	8059	533	30.63	\$263.11*
Intel Core i5-6600T @ 2.70GHz	7271	617	24.24	\$299.95*
Intel Core i5-7200U @ 2.50GHz	4567	976	NA	NA
Intel Core i5-7260U @ 2.20GHz	5639	784	10.11	\$557.98
Intel Core i5-7267U @ 3.10GHz	5015	889	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	783	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6721	674	NA	NA
Intel Core i5-7300U @ 2.60GHz	5166	859	10.76	\$479.99
Intel Core i5-7360U @ 2.30GHz	5855	757	NA	NA
Intel Core i5-7400 @ 3.00GHz	7236	621	34.82	\$207.81

Intel Core i5-7400T @ 2.40GHz	6356	708	30.12	\$211.07
Intel Core i5-7440HQ @ 2.80GHz	7645	585	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	5901	754	23.60	\$250.00*
Intel Core i5-7500 @ 3.40GHz	7939	552	38.17	\$208.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7500T @ 2.70GHz	6950	649	31.03	\$223.99
Intel Core i5-7600 @ 3.50GHz	8640	485	27.87	\$309.98*
Intel Core i5-7600K @ 3.80GHz	9051	441	33.28	\$272.00
Intel Core i5-7600T @ 2.80GHz	7974	549	22.85	\$348.99*
Intel Core i5-7640X @ 4.00GHz	9472	399	52.71	\$179.73
Intel Core i5-8200Y @ 1.30GHz	4339	1023	14.91	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4284	1038	NA	NA
Intel Core i5-8250U @ 1.60GHz	7660	583	NA	NA
Intel Core i5-8259U @ 2.30GHz	10988	282	14.05	\$781.82
Intel Core i5-8265U @ 1.60GHz	8004	544	26.95	\$297.00*
Intel Core i5-8265UC @ 1.60GHz	7780	568	NA	NA
Intel Core i5-8300H @ 2.30GHz	9478	398	37.91	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8947	458	NA	NA
Intel Core i5-8350U @ 1.70GHz	8159	524	27.47	\$297.00*
Intel Core i5-8365U @ 1.60GHz	8473	499	28.53	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11579	263	57.90	\$199.99
Intel Core i5-8400H @ 2.50GHz	10431	317	41.73	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9484	397	45.38	\$209.00
Intel Core i5-8500 @ 3.00GHz	11828	256	51.65	\$229.00*
Intel Core i5-8500B @ 3.00GHz	12756	230	66.44	\$192.00*
Intel Core i5-8500T @ 2.10GHz	9993	348	42.64	\$234.36*
Intel Core i5-8600 @ 3.10GHz	12487	237	45.05	\$277.21*
Intel Core i5-8600K @ 3.60GHz	12683	235	45.07	\$281.39
Intel Core i5-8600T @ 2.30GHz	10981	283	29.92	\$366.99*
Intel Core i5-9300H @ 2.40GHz	9742	377	38.97	\$250.00*
Intel Core i5-9400 @ 2.90GHz	11769	258	69.24	\$169.99
Intel Core i5-9400F @ 2.90GHz	12086	251	86.34	\$139.99
Intel Core i5-9400H @ 2.50GHz	10344	321	41.38	\$250.00*
Intel Core i5-9400T @ 1.80GHz	10606	307	NA	NA
Intel Core i5-9500 @ 3.00GHz	11975	255	58.42	\$204.99
Intel Core i5-9500F @ 3.00GHz	13067	222	64.69	\$202.00*
Intel Core i5-9500T @ 2.20GHz	10645	305	55.45	\$192.00*
Intel Core i5-9600K @ 3.70GHz	13481	212	56.18	\$239.99
Intel Core i5-9600KF @ 3.70GHz	13507	211	57.48	\$234.99
Intel Core i5-10210U @ 1.60GHz	8783	470	29.57	\$297.00*
Intel Core i5-24050S @ 2.50GHz	4928	904	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3729	1153	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1745	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1517	NA	NA
Intel Core i7-620LM @ 2.00GHz	1954	1753	NA	NA

Intel Core i7-620M @ 2.67GHz	2719	1459	7.45	\$365.00*
Intel Core i7-620UM @ 1.07GHz	1323	2070	NA	NA
Intel Core i7-640LM @ 2.13GHz	2245	1635	NA	NA
Intel Core i7-640M @ 2.80GHz	2827	1422	14.14	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1638	1922	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1856	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1874	NA	NA
Intel Core i7-720QM @ 1.60GHz	3008	1356	27.37	\$109.95
Intel Core i7-740QM @ 1.73GHz	3191	1297	19.95	\$159.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-820QM @ 1.73GHz	3220	1287	13.42	\$239.95*
Intel Core i7-840QM @ 1.87GHz	3411	1230	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	5027	885	17.34	\$289.95
Intel Core i7-860S @ 2.53GHz	4919	907	24.60	\$199.99*
Intel Core i7-870 @ 2.93GHz	5344	831	56.05	\$95.35
Intel Core i7-870S @ 2.67GHz	4849	924	NA	NA
Intel Core i7-875K @ 2.93GHz	5421	814	15.63	\$346.78*
Intel Core i7-880 @ 3.07GHz	5505	804	9.44	\$583.00*
Intel Core i7-920 @ 2.67GHz	4915	908	119.89	\$41.00
Intel Core i7-920XM @ 2.00GHz	3724	1155	9.31	\$399.95*
Intel Core i7-930 @ 2.80GHz	5134	862	46.68	\$109.99
Intel Core i7-940 @ 2.93GHz	5332	835	51.28	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3967	1094	NA	NA
Intel Core i7-950 @ 3.07GHz	5541	799	135.19	\$40.99
Intel Core i7-960 @ 3.20GHz	5799	764	20.71	\$280.00*
Intel Core i7-965 @ 3.20GHz	5850	759	41.79	\$139.99*
Intel Core i7-970 @ 3.20GHz	8359	511	16.72	\$499.95*
Intel Core i7-975 @ 3.33GHz	6119	731	14.75	\$414.90*
Intel Core i7-980 @ 3.33GHz	8618	487	43.10	\$199.98*
Intel Core i7-980X @ 3.33GHz	8750	476	9.62	\$909.99
Intel Core i7-985 @ 3.47GHz	6641	683	NA	NA
Intel Core i7-990X @ 3.47GHz	9065	438	25.90	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	371	NA	NA
Intel Core i7-1065G7 @ 1.30GHz	11047	278	NA	NA
Intel Core i7-2600 @ 3.40GHz	8186	522	66.62	\$122.88
Intel Core i7-2600K @ 3.40GHz	8438	505	54.45	\$154.99
Intel Core i7-2600S @ 2.80GHz	7091	634	67.46	\$105.12
Intel Core i7-2610UE @ 1.50GHz	2481	1544	NA	NA
Intel Core i7-2617M @ 1.50GHz	2813	1428	NA	NA
Intel Core i7-2620M @ 2.70GHz	3840	1122	22.61	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5521	803	24.01	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1499	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5468	810	NA	NA
Intel Core i7-2637M @ 1.70GHz	2900	1402	NA	NA
Intel Core i7-2640M @ 2.80GHz	3923	1110	32.71	\$119.95*
Intel Core i7-2655LE @ 2.20GHz	3229	1282	NA	NA

Intel Core i7-2670QM @ 2.20GHz	5878	756	42.48	\$138.40*
Intel Core i7-2675QM @ 2.20GHz	5537	800	NA	NA
Intel Core i7-2677M @ 1.80GHz	2830	1420	NA	NA
Intel Core i7-2700K @ 3.50GHz	8693	481	28.42	\$305.90
Intel Core i7-2710QE @ 2.10GHz	5768	771	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	829	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6103	733	32.13	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6561	689	31.25	\$209.95*
Intel Core i7-2820QM @ 2.30GHz	6646	681	34.79	\$191.02*
Intel Core i7-2840QM @ 2.40GHz	6766	665	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6955	646	12.86	\$541.00*
Intel Core i7-2920XM @ 2.50GHz	6998	640	15.89	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	624	17.62	\$409.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3517U @ 1.90GHz	3545	1194	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3150	1315	NA	NA
Intel Core i7-3520M @ 2.90GHz	4547	982	36.68	\$123.96*
Intel Core i7-3537U @ 2.00GHz	3808	1133	NA	NA
Intel Core i7-3540M @ 3.00GHz	4662	953	10.84	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1095	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	691	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7457	601	18.64	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	676	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6815	660	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	600	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7387	610	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7581	590	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6930	652	30.14	\$229.95*
Intel Core i7-3635QM @ 2.40GHz	6669	679	NA	NA
Intel Core i7-3667U @ 2.00GHz	3977	1092	NA	NA
Intel Core i7-3687U @ 2.10GHz	4136	1064	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1288	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8122	530	22.38	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	8311	513	34.64	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9280	417	66.30	\$139.99
Intel Core i7-3770K @ 3.50GHz	9516	393	23.21	\$409.99
Intel Core i7-3770S @ 3.10GHz	8900	462	23.48	\$379.00
Intel Core i7-3770T @ 2.50GHz	8208	520	24.87	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8990	447	22.48	\$399.99*
Intel Core i7-3820QM @ 2.70GHz	8403	506	29.49	\$285.00
Intel Core i7-3840QM @ 2.80GHz	8761	475	30.22	\$289.95
Intel Core i7-3920XM @ 2.90GHz	8982	449	8.20	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11979	254	23.73	\$504.85*
Intel Core i7-3940XM @ 3.00GHz	9160	427	17.00	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12582	236	13.83	\$909.99
Intel Core i7-3970X @ 3.50GHz	12696	234	15.75	\$805.98

Intel Core i7-4500U @ 1.80GHz	3787	1136	NA	NA
Intel Core i7-4510U @ 2.00GHz	3915	1112	NA	NA
Intel Core i7-4550U @ 1.50GHz	3717	1158	NA	NA
Intel Core i7-4558U @ 2.80GHz	4401	1011	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	1026	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	935	NA	NA
Intel Core i7-4600M @ 2.90GHz	4901	911	NA	NA
Intel Core i7-4600U @ 2.10GHz	4104	1071	NA	NA
Intel Core i7-4610M @ 3.00GHz	4906	910	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1150	NA	NA
Intel Core i7-4650U @ 1.70GHz	3951	1100	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7203	625	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7734	574	20.19	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7690	579	40.69	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7427	604	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7129	631	21.15	\$337.04*
Intel Core i7-4710HQ @ 2.50GHz	7724	577	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4710MQ @ 2.50GHz	7983	547	29.40	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7533	594	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7192	626	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7992	545	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8067	531	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8202	521	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8735	477	NA	NA
Intel Core i7-4765T @ 2.00GHz	7305	615	18.26	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9783	373	52.89	\$184.99
Intel Core i7-4770HQ @ 2.20GHz	8958	454	NA	NA
Intel Core i7-4770K @ 3.50GHz	10077	342	30.47	\$330.70
Intel Core i7-4770R @ 3.20GHz	9830	367	NA	NA
Intel Core i7-4770S @ 3.10GHz	9348	409	15.33	\$610.00
Intel Core i7-4770T @ 2.50GHz	8604	489	21.51	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	671	NA	NA
Intel Core i7-4771 @ 3.50GHz	9867	363	16.18	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7637	586	NA	NA
Intel Core i7-4790 @ 3.60GHz	9990	350	53.71	\$186.00
Intel Core i7-4790K @ 4.00GHz	11169	272	37.11	\$300.99
Intel Core i7-4790S @ 3.20GHz	9558	391	35.53	\$269.00
Intel Core i7-4790T @ 2.70GHz	9068	437	25.26	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8440	504	45.60	\$185.12*
Intel Core i7-4810MQ @ 2.80GHz	8650	484	45.54	\$189.95*
Intel Core i7-4820K @ 3.70GHz	9721	380	44.19	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9056	440	20.87	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7899	554	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9276	418	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9352	408	NA	NA

Intel Core i7-4900MQ @ 2.80GHz	8981	451	15.31	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9337	411	20.30	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13025	224	27.39	\$475.60
Intel Core i7-4930MX @ 3.00GHz	9444	405	8.62	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9807	370	13.81	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9856	366	15.82	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13816	198	17.94	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10295	324	NA	NA
Intel Core i7-5500U @ 2.40GHz	3980	1091	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1121	NA	NA
Intel Core i7-5557U @ 3.10GHz	4953	901	7.03	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4324	1029	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	1047	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	523	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	518	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8354	512	NA	NA
Intel Core i7-5775C @ 3.30GHz	10867	293	15.83	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10879	292	NA	NA
Intel Core i7-5820K @ 3.30GHz	13013	225	45.03	\$289.00
Intel Core i7-5850EQ @ 2.70GHz	9817	369	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	402	21.80	\$434.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5930K @ 3.50GHz	13664	201	41.53	\$329.00
Intel Core i7-5950HQ @ 2.90GHz	10850	294	NA	NA
Intel Core i7-5960X @ 3.00GHz	15994	141	16.66	\$959.99*
Intel Core i7-6498DU @ 2.50GHz	4437	1005	NA	NA
Intel Core i7-6500U @ 2.50GHz	4425	1006	11.26	\$393.00*
Intel Core i7-6560U @ 2.20GHz	4812	928	NA	NA
Intel Core i7-6567U @ 3.30GHz	5574	795	NA	NA
Intel Core i7-6600U @ 2.60GHz	4804	930	NA	NA
Intel Core i7-6650U @ 2.20GHz	4970	897	NA	NA
Intel Core i7-6700 @ 3.40GHz	10004	347	29.86	\$334.99
Intel Core i7-6700HQ @ 2.60GHz	8129	528	21.51	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11110	274	35.54	\$312.61*
Intel Core i7-6700T @ 2.80GHz	8999	444	23.94	\$375.99
Intel Core i7-6700TE @ 2.40GHz	8674	483	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9718	381	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13567	207	38.64	\$351.14
Intel Core i7-6820EQ @ 2.80GHz	8563	491	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9120	430	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8780	471	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6501	694	NA	NA
Intel Core i7-6850K @ 3.60GHz	14375	180	26.38	\$544.99
Intel Core i7-6900K @ 3.20GHz	17613	103	22.35	\$788.00
Intel Core i7-6920HQ @ 2.90GHz	9560	390	16.83	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19925	71	13.74	\$1,450.00

Intel Core i7-7500U @ 2.70GHz	5122	863	NA	NA
Intel Core i7-7560U @ 2.40GHz	5805	763	NA	NA
Intel Core i7-7567U @ 3.50GHz	6464	696	7.26	\$889.98
Intel Core i7-7600U @ 2.80GHz	5114	865	NA	NA
Intel Core i7-7660U @ 2.50GHz	5993	744	NA	NA
Intel Core i7-7700 @ 3.60GHz	10684	300	33.49	\$319.03
Intel Core i7-7700HQ @ 2.80GHz	8768	474	NA	NA
Intel Core i7-7700K @ 4.20GHz	11996	252	33.79	\$354.99
Intel Core i7-7700T @ 2.90GHz	9288	415	30.06	\$309.00*
Intel Core i7-7740X @ 4.30GHz	12228	247	37.51	\$325.99
Intel Core i7-7800X @ 3.50GHz	14640	174	28.71	\$509.94
Intel Core i7-7820EQ @ 3.00GHz	9144	428	24.19	\$378.00*
Intel Core i7-7820HK @ 2.90GHz	9973	353	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9249	419	24.47	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18519	89	27.28	\$678.75
Intel Core i7-7900X @ 3.30GHz	20474	62	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9991	349	NA	NA
Intel Core i7-8086K @ 4.00GHz	16688	117	30.18	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3927	1109	9.99	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8259	516	NA	NA
Intel Core i7-8559U @ 2.70GHz	12259	245	21.65	\$566.22
Intel Core i7-8565U @ 1.80GHz	8888	464	NA	NA
Intel Core i7-8650U @ 1.90GHz	8705	479	NA	NA
Intel Core i7-8665U @ 1.90GHz	8966	452	21.92	\$409.00*
Intel Core i7-8700 @ 3.20GHz	15142	160	41.04	\$369.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8700B @ 3.20GHz	14802	170	48.85	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15929	144	45.51	\$349.99
Intel Core i7-8700T @ 2.40GHz	12702	233	35.38	\$359.00
Intel Core i7-8705G @ 3.10GHz	9936	357	7.05	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10539	310	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	374	NA	NA
Intel Core i7-8750H @ 2.20GHz	12407	238	31.41	\$395.00*
Intel Core i7-8809G @ 3.10GHz	10980	284	NA	NA
Intel Core i7-8850H @ 2.60GHz	13039	223	33.01	\$395.00*
Intel Core i7-9700 @ 3.00GHz	16277	131	49.33	\$329.99
Intel Core i7-9700F @ 3.00GHz	16580	122	51.03	\$324.90
Intel Core i7-9700K @ 3.60GHz	17174	110	47.84	\$359.00
Intel Core i7-9700KF @ 3.60GHz	17287	107	49.39	\$349.99
Intel Core i7-9700T @ 2.00GHz	13435	215	41.59	\$323.00*
Intel Core i7-9750H @ 2.60GHz	13647	203	NA	NA
Intel Core i7-9800X @ 3.80GHz	19727	77	32.88	\$599.99
Intel Core i7-9850H @ 2.60GHz	14368	181	36.38	\$395.00*
Intel Core i9-7900X @ 3.30GHz	21886	46	21.89	\$999.99
Intel Core i9-7920X @ 2.90GHz	23285	36	20.25	\$1,149.99*
Intel Core i9-7940X @ 3.10GHz	25368	19	20.46	\$1,239.99*

Intel Core i9-7960X @ 2.80GHz	26080	15	19.32	\$1,349.99*
Intel Core i9-7980XE @ 2.60GHz	27705	12	14.36	\$1,929.99*
Intel Core i9-8950HK @ 2.90GHz	14257	185	24.46	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21599	50	26.67	\$809.99
Intel Core i9-9880H @ 2.30GHz	16426	125	29.54	\$556.00*
Intel Core i9-9900 @ 3.10GHz	17357	106	39.45	\$439.99
Intel Core i9-9900K @ 3.60GHz	20195	68	40.80	\$494.99
Intel Core i9-9900KF @ 3.60GHz	20612	61	46.85	\$439.99
Intel Core i9-9900X @ 3.50GHz	23011	38	25.01	\$919.99
Intel Core i9-9920X @ 3.50GHz	25329	20	21.27	\$1,190.82
Intel Core i9-9940X @ 3.30GHz	27142	13	24.56	\$1,104.99
Intel Core i9-9960X @ 3.10GHz	28030	10	18.81	\$1,489.99
Intel Core i9-9980HK @ 2.40GHz	17772	100	30.48	\$583.00*
Intel Core i9-9980XE @ 3.00GHz	29613	5	14.88	\$1,989.99
Intel Core m3-6Y30 @ 0.90GHz	3025	1351	10.77	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3528	1203	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1258	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3562	1191	12.68	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3351	1247	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3225	1285	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3459	1220	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2653	1476	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1577	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2817	1426	10.03	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1419	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2508	1530	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2912	1392	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2991	1363	10.65	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2648	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Solo T1350 @ 1.86GHz	396	2641	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2558	NA	NA
Intel Core Solo U1300 @ 1.06GHz	273	2801	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2795	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2716	NA	NA
Intel E3000 @ 3.40GHz	2767	1441	NA	NA
Intel Pentium 4 1.40GHz	164	2902	NA	NA
Intel Pentium 4 1.50GHz	131	2919	NA	NA
Intel Pentium 4 1.60GHz	129	2921	NA	NA
Intel Pentium 4 1.70GHz	132	2918	NA	NA
Intel Pentium 4 1.80GHz	161	2905	NA	NA
Intel Pentium 4 1.90GHz	159	2906	NA	NA
Intel Pentium 4 2.00GHz	189	2884	NA	NA
Intel Pentium 4 2.20GHz	209	2866	NA	NA
Intel Pentium 4 2.26GHz	221	2854	NA	NA

Intel Pentium 4 2.40GHz	228	2848	NA	NA
Intel Pentium 4 2.50GHz	245	2832	NA	NA
Intel Pentium 4 2.53GHz	248	2828	NA	NA
Intel Pentium 4 2.60GHz	288	2774	NA	NA
Intel Pentium 4 2.66GHz	254	2820	NA	NA
Intel Pentium 4 2.80GHz	322	2722	NA	NA
Intel Pentium 4 2.93GHz	293	2765	NA	NA
Intel Pentium 4 3.00GHz	353	2694	NA	NA
Intel Pentium 4 3.06GHz	347	2697	NA	NA
Intel Pentium 4 3.20GHz	373	2668	NA	NA
Intel Pentium 4 3.40GHz	395	2643	NA	NA
Intel Pentium 4 3.46GHz	454	2576	NA	NA
Intel Pentium 4 3.60GHz	487	2537	NA	NA
Intel Pentium 4 3.73GHz	486	2540	NA	NA
Intel Pentium 4 3.80GHz	485	2542	NA	NA
Intel Pentium 4 3.83GHz	195	2879	NA	NA
Intel Pentium 4 4.00GHz	184	2889	NA	NA
Intel Pentium 4 1300MHz	119	2925	NA	NA
Intel Pentium 4 1400MHz	127	2922	NA	NA
Intel Pentium 4 1500MHz	125	2923	NA	NA
Intel Pentium 4 1600MHz	193	2883	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2909	NA	NA
Intel Pentium 4 1800MHz	162	2904	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2912	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2878	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2895	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2867	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2898	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2865	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2874	NA	NA
Intel Pentium 5 2.66GHz	705	2417	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2203	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1139	2182	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2177	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 987 @ 1.50GHz	1228	2129	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	2029	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1452	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1352	NA	NA
Intel Pentium 2020M @ 2.40GHz	2275	1617	16.98	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2398	1572	17.90	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1654	1914	12.35	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1821	1827	13.59	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1062	2222	7.93	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2277	1616	NA	NA

Intel Pentium 3556U @ 1.70GHz	1691	1890	NA	NA
Intel Pentium 3558U @ 1.70GHz	1679	1896	NA	NA
Intel Pentium 3560M @ 2.40GHz	2269	1624	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2109	NA	NA
Intel Pentium 3805U @ 1.90GHz	1978	1741	NA	NA
Intel Pentium 3825U @ 1.90GHz	2519	1525	NA	NA
Intel Pentium 4405U @ 2.10GHz	2931	1384	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1709	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2050	1714	12.73	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3151	1313	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2226	1645	13.83	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3243	1277	20.15	\$161.00*
Intel Pentium 5405U @ 2.30GHz	3251	1273	20.20	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1938	NA	NA
Intel Pentium B940 @ 2.00GHz	1726	1863	57.66	\$29.94*
Intel Pentium B950 @ 2.10GHz	1716	1869	NA	NA
Intel Pentium B960 @ 2.20GHz	1853	1805	37.83	\$48.99*
Intel Pentium B970 @ 2.30GHz	1952	1756	38.28	\$50.99*
Intel Pentium B980 @ 2.40GHz	2026	1722	28.97	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1132	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	529	2506	NA	NA
Intel Pentium D 830 @ 3.00GHz	641	2449	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2477	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2414	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2402	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2372	NA	NA
Intel Pentium E2140 @ 1.60GHz	870	2339	5.51	\$157.95*
Intel Pentium E2160 @ 1.80GHz	998	2260	64.38	\$15.51
Intel Pentium E2180 @ 2.00GHz	1087	2208	36.26	\$29.99
Intel Pentium E2200 @ 2.20GHz	1202	2144	16.04	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2157	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	2067	15.48	\$85.99*
Intel Pentium E5200 @ 2.50GHz	1486	1993	41.37	\$35.94
Intel Pentium E5300 @ 2.60GHz	1538	1967	59.21	\$25.98
Intel Pentium E5400 @ 2.70GHz	1597	1945	121.77	\$13.12
Intel Pentium E5500 @ 2.80GHz	1636	1923	62.96	\$25.99
Intel Pentium E5700 @ 3.00GHz	1737	1861	115.89	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1889	1791	63.00	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1705	1879	165.62	\$10.30*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E6500 @ 2.93GHz	1763	1843	11.17	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1861	1803	18.62	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1931	1764	135.08	\$14.30*
Intel Pentium E6800 @ 3.33GHz	1988	1737	22.34	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2325	1.20	\$759.00*

Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2287	NA	NA
Intel Pentium G620 @ 2.60GHz	2286	1611	91.48	\$24.99*
Intel Pentium G620T @ 2.20GHz	2033	1719	25.42	\$79.99*
Intel Pentium G630 @ 2.70GHz	2371	1582	23.72	\$100.00*
Intel Pentium G630T @ 2.30GHz	2089	1694	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2520	1524	16.81	\$150.00*
Intel Pentium G640T @ 2.40GHz	1979	1740	NA	NA
Intel Pentium G645 @ 2.90GHz	2592	1496	16.20	\$160.00*
Intel Pentium G645T @ 2.50GHz	2255	1630	NA	NA
Intel Pentium G840 @ 2.80GHz	2561	1509	73.21	\$34.99*
Intel Pentium G850 @ 2.90GHz	2668	1474	13.48	\$197.99
Intel Pentium G860 @ 3.00GHz	2735	1456	91.21	\$29.99*
Intel Pentium G870 @ 3.10GHz	2819	1425	29.07	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2596	1494	74.42	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2754	1450	45.94	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2418	1562	50.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2869	1411	71.76	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2487	1541	38.86	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1446	NA	NA
Intel Pentium G2120 @ 3.10GHz	3079	1337	19.30	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3199	1292	64.00	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3384	1240	41.28	\$82.00*
Intel Pentium G3220 @ 3.00GHz	3127	1320	27.43	\$114.00
Intel Pentium G3220T @ 2.60GHz	2555	1512	36.52	\$69.99*
Intel Pentium G3240 @ 3.10GHz	3156	1311	33.63	\$93.85
Intel Pentium G3240T @ 2.70GHz	2840	1415	NA	NA
Intel Pentium G3250 @ 3.20GHz	3242	1279	29.48	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2971	1371	33.02	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3868	1115	24.98	\$154.88
Intel Pentium G3260 @ 3.30GHz	3360	1245	24.00	\$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1385	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1574	NA	NA
Intel Pentium G3420 @ 3.20GHz	3397	1234	23.91	\$142.07
Intel Pentium G3420T @ 2.70GHz	3008	1357	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1236	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3319	1256	20.75	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1328	NA	NA
Intel Pentium G3450 @ 3.40GHz	3700	1162	37.01	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1374	NA	NA
Intel Pentium G3460 @ 3.50GHz	3582	1187	12.43	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3714	1160	35.62	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3540	1197	47.51	\$74.52
Intel Pentium G4400T @ 2.90GHz	3163	1306	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1409	45.09	\$64.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4500 @ 3.50GHz	3794	1134	38.34	\$98.99

Intel Pentium G4500T @ 3.00GHz	3471	1217	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1054	40.24	\$103.99*
Intel Pentium G4560 @ 3.50GHz	4863	919	48.52	\$100.24
Intel Pentium G4560T @ 2.90GHz	3990	1089	36.28	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5075	871	21.15	\$239.95
Intel Pentium G4600T @ 3.00GHz	4266	1041	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5211	850	45.85	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1859	1804	46.49	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1674	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2059	1710	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5196	853	71.88	\$72.29
Intel Pentium Gold G5400T @ 3.10GHz	5048	880	78.89	\$64.00*
Intel Pentium Gold G5420 @ 3.80GHz	5407	819	62.40	\$86.66
Intel Pentium Gold G5500 @ 3.80GHz	5195	854	30.57	\$169.94*
Intel Pentium Gold G5500T @ 3.20GHz	4346	1021	57.95	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5664	781	51.18	\$110.68
Intel Pentium III 933S @ 933MHz	238	2840	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2779	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2794	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2739	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2758	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2755	NA	NA
Intel Pentium III Mobile 750MHz	103	2928	NA	NA
Intel Pentium III Mobile 800MHz	182	2892	NA	NA
Intel Pentium III Mobile 866MHz	152	2910	NA	NA
Intel Pentium III Mobile 933MHz	218	2856	7.55	\$28.99
Intel Pentium III Mobile 1000MHz	245	2831	NA	NA
Intel Pentium III Mobile 1066MHz	246	2830	NA	NA
Intel Pentium III Mobile 1133MHz	251	2824	NA	NA
Intel Pentium III Mobile 1200MHz	240	2838	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1815	NA	NA
Intel Pentium J2900 @ 2.41GHz	1975	1743	NA	NA
Intel Pentium J3710 @ 1.60GHz	1923	1770	NA	NA
Intel Pentium J4205 @ 1.50GHz	2269	1623	NA	NA
Intel Pentium M 1.10GHz	282	2785	NA	NA
Intel Pentium M 1.20GHz	298	2756	NA	NA
Intel Pentium M 1.30GHz	301	2749	NA	NA
Intel Pentium M 1.40GHz	345	2701	NA	NA
Intel Pentium M 1.50GHz	366	2678	NA	NA
Intel Pentium M 1.60GHz	364	2681	NA	NA
Intel Pentium M 1.70GHz	406	2626	NA	NA
Intel Pentium M 1.73GHz	413	2617	NA	NA
Intel Pentium M 1.80GHz	411	2619	NA	NA
Intel Pentium M 1.86GHz	439	2593	NA	NA
Intel Pentium M 2.00GHz	461	2568	NA	NA
Intel Pentium M 2.10GHz	448	2581	NA	NA

Intel Pentium M 2.13GHz	502	2528	NA	NA
Intel Pentium M 2.26GHz	509	2524	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 756 @ 1.66GHz	484	2547	NA	NA
Intel Pentium M 900MHz	217	2860	NA	NA
Intel Pentium M 1000MHz	233	2844	NA	NA
Intel Pentium M 1100MHz	259	2816	NA	NA
Intel Pentium M 1200MHz	237	2841	NA	NA
Intel Pentium M 1300MHz	303	2743	NA	NA
Intel Pentium M 1400MHz	320	2724	NA	NA
Intel Pentium M 1500MHz	354	2691	NA	NA
Intel Pentium M 1600MHz	335	2711	NA	NA
Intel Pentium M 1700MHz	376	2663	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1974	NA	NA
Intel Pentium N3520 @ 2.16GHz	1808	1829	NA	NA
Intel Pentium N3530 @ 2.16GHz	1912	1776	NA	NA
Intel Pentium N3540 @ 2.16GHz	1934	1763	7.71	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1837	1817	4.13	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1865	1800	NA	NA
Intel Pentium N4200 @ 1.10GHz	2036	1717	8.70	\$233.98*
Intel Pentium P6000 @ 1.87GHz	1243	2124	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	2069	46.64	\$28.44*
Intel Pentium P6200 @ 2.13GHz	1350	2056	30.04	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1388	2035	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2907	1396	13.22	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2463	1548	15.30	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2627	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2350	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2354	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2438	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2418	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2415	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2404	NA	NA
Intel Pentium T2330 @ 1.60GHz	831	2360	NA	NA
Intel Pentium T2370 @ 1.73GHz	847	2352	24.21	\$35.00*
Intel Pentium T2390 @ 1.86GHz	948	2298	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2275	NA	NA
Intel Pentium T3200 @ 2.00GHz	1032	2236	86.01	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1114	2190	12.39	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1151	2174	95.95	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1232	2128	NA	NA
Intel Pentium T4400 @ 2.20GHz	1284	2097	NA	NA
Intel Pentium T4500 @ 2.30GHz	1333	2065	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2367	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2295	NA	NA
Intel T1200 @ 1.50GHz	435	2599	NA	NA

Intel T1400 @ 1.73GHz	929	2311	NA	NA
Intel T1500 @ 1.86GHz	953	2294	NA	NA
Intel T2050 @ 2.00GHz	959	2291	NA	NA
Intel Xeon 2.00GHz	233	2843	NA	NA
Intel XEON 2.20GHz	252	2822	NA	NA
Intel Xeon 2.40GHz	276	2797	30.35	\$9.10*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 2.66GHz	435	2598	NA	NA
Intel Xeon 2.80GHz	400	2639	NA	NA
Intel Xeon 3.00GHz	391	2652	NA	NA
Intel Xeon 3.06GHz	491	2534	NA	NA
Intel Xeon 3.20GHz	461	2569	NA	NA
Intel Xeon 3.40GHz	478	2551	NA	NA
Intel Xeon 3.60GHz	509	2523	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2232	NA	NA
Intel Xeon 3.80GHz	604	2466	0.71	\$851.00*
Intel Xeon 1500MHz	193	2882	NA	NA
Intel Xeon 3040 @ 1.86GHz	1278	2101	51.05	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2081	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1975	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1973	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1839	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1814	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1955	NA	NA
Intel Xeon 5110 @ 1.60GHz	1084	2212	30.99	\$35.00*
Intel Xeon 5120 @ 1.86GHz	1248	2123	0.77	\$1,619.99*
Intel Xeon 5130 @ 2.00GHz	1366	2045	43.44	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1943	NA	NA
Intel Xeon 5140 @ 2.33GHz	1644	1917	65.81	\$24.99*
Intel Xeon 5148 @ 2.33GHz	1590	1949	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1752	1853	12.53	\$139.95*
Intel Xeon 5160 @ 3.00GHz	1956	1750	52.18	\$37.49*
Intel Xeon @ 2.00GHz	11327	268	NA	NA
Intel Xeon @ 2.20GHz	1902	1781	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5582	793	23.27	\$239.87
Intel Xeon Bronze 3106 @ 1.70GHz	6890	655	15.18	\$454.00*
Intel Xeon D-1518 @ 2.20GHz	5322	836	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	773	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	642	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	519	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9643	385	27.71	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	575	13.54	\$571.00*
Intel Xeon D-1539 @ 1.60GHz	8443	503	17.37	\$486.00*
Intel Xeon D-1540 @ 2.00GHz	10740	297	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11064	277	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	301	19.24	\$555.00*

Intel Xeon D-1557 @ 1.50GHz	10950	287	15.78	\$694.00*
Intel Xeon D-1559 @ 1.50GHz	8055	534	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	178	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	190	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	526	38.22	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	228	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	197	24.41	\$566.00*
Intel Xeon D-2146NT @ 2.30GHz	10968	285	17.11	\$641.00*
Intel Xeon D-2183IT @ 2.20GHz	19381	82	10.99	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6243	715	124.90	\$49.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1220 V2 @ 3.10GHz	6727	672	74.50	\$90.30
Intel Xeon E3-1220 v3 @ 3.10GHz	7167	628	17.48	\$409.95
Intel Xeon E3-1220 v5 @ 3.00GHz	7772	569	29.17	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7769	571	39.04	\$199.00
Intel Xeon E3-1220L @ 2.20GHz	3606	1180	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	1007	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2084	1699	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	6086	740	95.12	\$63.99*
Intel Xeon E3-1225 V2 @ 3.20GHz	6950	650	81.78	\$84.99
Intel Xeon E3-1225 v3 @ 3.20GHz	7235	622	46.99	\$153.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7824	563	28.42	\$275.27
Intel Xeon E3-1225 v6 @ 3.30GHz	7958	551	33.41	\$238.22
Intel Xeon E3-1226 v3 @ 3.30GHz	7561	593	12.71	\$595.00*
Intel Xeon E3-1230 @ 3.20GHz	7861	556	37.61	\$209.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8867	465	113.69	\$78.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9320	413	43.35	\$215.00
Intel Xeon E3-1230 v5 @ 3.40GHz	9739	378	22.56	\$431.65*
Intel Xeon E3-1230 v6 @ 3.50GHz	9742	376	34.92	\$279.00
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	623	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9625	388	18.88	\$509.95
Intel Xeon E3-1235 @ 3.20GHz	7751	573	31.77	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	697	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7974	550	77.43	\$102.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9162	426	67.37	\$135.99
Intel Xeon E3-1240 v3 @ 3.40GHz	9671	383	25.16	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10362	320	30.33	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10458	316	36.30	\$288.10
Intel Xeon E3-1240L v3 @ 2.00GHz	7486	596	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	567	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10009	345	27.05	\$369.99
Intel Xeon E3-1245 @ 3.30GHz	8039	537	51.88	\$154.95
Intel Xeon E3-1245 V2 @ 3.40GHz	9128	429	35.80	\$255.00
Intel Xeon E3-1245 v3 @ 3.40GHz	9584	389	37.59	\$255.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10162	334	29.43	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10515	312	33.68	\$312.26

Intel Xeon E3-1246 v3 @ 3.50GHz	9864	364	24.12	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6266	713	73.18	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	328	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	5961	747	6.49	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7455	602	24.44	\$305.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9188	425	12.94	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	439	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	559	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	480	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8260	515	26.22	\$315.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9462	401	49.80	\$189.99
Intel Xeon E3-1270 v3 @ 3.50GHz	9919	359	49.60	\$199.99
Intel Xeon E3-1270 v5 @ 3.60GHz	10297	322	27.14	\$379.41
Intel Xeon E3-1270 v6 @ 3.80GHz	11157	273	32.95	\$338.61
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	299	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10096	340	11.37	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8122	529	26.72	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9433	406	23.90	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	10048	343	25.06	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10367	318	24.97	\$415.13*
Intel Xeon E3-1275 v6 @ 3.80GHz	11028	280	29.86	\$369.28
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	461	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10204	330	9.51	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8448	502	25.43	\$332.20
Intel Xeon E3-1280 V2 @ 3.60GHz	9451	404	11.00	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9827	368	21.89	\$449.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	303	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11041	279	25.29	\$436.54
Intel Xeon E3-1281 v3 @ 3.70GHz	10276	326	11.71	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	315	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	314	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11992	253	26.65	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	352	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	286	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	360	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	395	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8768	473	9.91	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	382	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	707	NA	NA
Intel Xeon E3-1505L v6 @ 2.20GHz	7887	555	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8949	457	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9658	384	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	9952	356	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9345	410	NA	NA

Intel Xeon E3-1535M v6 @ 3.10GHz	10558	309	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10294	325	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10614	306	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	296	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	336	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7265	618	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	603	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5571	796	278.73	\$19.99
Intel Xeon E5-1603 v3 @ 2.80GHz	6204	721	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	699	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5893	755	210.87	\$27.95*
Intel Xeon E5-1607 v2 @ 3.00GHz	6217	719	177.91	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	7039	638	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7256	619	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9069	436	139.54	\$65.00*
Intel Xeon E5-1620 v2 @ 3.70GHz	9499	394	161.04	\$58.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9747	375	60.92	\$159.99*
Intel Xeon E5-1620 v4 @ 3.50GHz	9933	358	29.73	\$334.14
Intel Xeon E5-1630 v3 @ 3.70GHz	10218	329	17.09	\$597.85*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1630 v4 @ 3.70GHz	10296	323	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11733	260	23.70	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12744	231	106.25	\$119.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13620	205	87.40	\$155.83
Intel Xeon E5-1650 v4 @ 3.60GHz	14226	186	28.01	\$508.00
Intel Xeon E5-1660 @ 3.30GHz	12272	244	10.00	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13808	199	7.63	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14678	172	9.08	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16203	135	13.18	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16235	133	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16442	123	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17122	112	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	95	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1205	113.71	\$30.99*
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1228	94.99	\$35.99*
Intel Xeon E5-2407 @ 2.20GHz	4188	1053	229.76	\$18.23*
Intel Xeon E5-2407 v2 @ 2.40GHz	4648	956	40.23	\$115.56*
Intel Xeon E5-2418L @ 2.00GHz	5202	852	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7063	637	18.11	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8691	482	72.15	\$120.46
Intel Xeon E5-2430 @ 2.20GHz	7695	578	202.51	\$38.00*
Intel Xeon E5-2430 v2 @ 2.50GHz	8991	446	29.00	\$310.00*
Intel Xeon E5-2430L @ 2.00GHz	7834	560	242.71	\$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	684	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9221	422	230.59	\$39.99

Intel Xeon E5-2440 v2 @ 1.90GHz	9290	414	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	456	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10196	331	156.90	\$64.99
Intel Xeon E5-2450L @ 1.80GHz	8261	514	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	11095	276	86.69	\$128.00
Intel Xeon E5-2470 v2 @ 2.40GHz	11268	270	77.19	\$145.99
Intel Xeon E5-2603 @ 1.80GHz	3580	1188	143.58	\$24.94*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1142	62.78	\$59.99*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	858	75.07	\$69.00*
Intel Xeon E5-2603 v4 @ 1.70GHz	5431	813	20.89	\$260.00*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	558	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4600	970	76.46	\$60.17
Intel Xeon E5-2609 v2 @ 2.50GHz	5160	860	35.36	\$145.93
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	753	9.53	\$619.07
Intel Xeon E5-2609 v4 @ 1.70GHz	6905	654	19.20	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	249	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	175	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7925	553	376.49	\$21.05
Intel Xeon E5-2620 v2 @ 2.10GHz	8618	486	60.48	\$142.50
Intel Xeon E5-2620 v3 @ 2.40GHz	9965	354	62.68	\$159.00
Intel Xeon E5-2620 v4 @ 2.10GHz	11337	267	29.53	\$383.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	448	13.85	\$649.00
Intel Xeon E5-2623 v4 @ 2.60GHz	8506	496	15.50	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	407	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	241	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	221	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	281	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8923	459	105.29	\$84.75*
Intel Xeon E5-2630 v2 @ 2.60GHz	10365	319	235.89	\$43.94
Intel Xeon E5-2630 v3 @ 2.40GHz	12796	229	98.43	\$130.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13910	193	21.08	\$659.99*
Intel Xeon E5-2630L @ 2.00GHz	8041	536	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	435	232.44	\$39.10
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	379	28.62	\$339.95*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	227	NA	NA
Intel Xeon E5-2637 @ 3.00GHz	4508	989	5.09	\$885.00*
Intel Xeon E5-2637 v2 @ 3.50GHz	9200	424	108.25	\$84.99*
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	338	32.64	\$309.99
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	313	9.82	\$1,069.95*
Intel Xeon E5-2640 @ 2.50GHz	9452	403	97.83	\$96.62
Intel Xeon E5-2640 v2 @ 2.00GHz	10189	333	54.46	\$187.11*
Intel Xeon E5-2640 v3 @ 2.60GHz	13893	194	79.40	\$174.99
Intel Xeon E5-2640 v4 @ 2.40GHz	15420	155	16.76	\$920.27*
Intel Xeon E5-2643 @ 3.30GHz	8456	501	47.79	\$176.95

Intel Xeon E5-2643 v2 @ 3.50GHz	13117	219	117.64	\$111.50
Intel Xeon E5-2643 v3 @ 3.40GHz	13887	195	55.55	\$250.00
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	213	8.24	\$1,634.99
Intel Xeon E5-2648L @ 1.80GHz	6698	677	NA	NA
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	266	7.70	\$1,479.00*
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	265	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	202	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	173	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10266	327	148.79	\$69.00*
Intel Xeon E5-2650 v2 @ 2.60GHz	13218	216	183.46	\$72.05
Intel Xeon E5-2650 v3 @ 2.30GHz	14864	168	83.05	\$178.99
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	147	12.39	\$1,281.12*
Intel Xeon E5-2650L @ 1.80GHz	8550	492	108.24	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	362	72.74	\$135.84*
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	210	51.98	\$259.99
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	189	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	269	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9632	387	6.59	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	196	77.09	\$179.99*
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	130	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	17275	108	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11250	271	170.49	\$65.99
Intel Xeon E5-2660 v2 @ 2.20GHz	13147	218	75.57	\$173.98
Intel Xeon E5-2660 v3 @ 2.60GHz	16213	134	32.17	\$503.98
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	115	11.25	\$1,499.99*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	191	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11736	259	104.31	\$112.52
Intel Xeon E5-2667 @ 2.90GHz	10655	304	201.09	\$52.99*
Intel Xeon E5-2667 v2 @ 3.30GHz	16158	137	44.88	\$359.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2667 v3 @ 3.20GHz	16176	136	18.91	\$855.30*
Intel Xeon E5-2667 v4 @ 3.20GHz	16684	118	8.56	\$1,949.03*
Intel Xeon E5-2670 @ 2.60GHz	12371	239	176.73	\$70.00
Intel Xeon E5-2670 v2 @ 2.50GHz	15021	163	94.48	\$159.00
Intel Xeon E5-2670 v3 @ 2.30GHz	16647	120	55.49	\$300.00
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	129	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16401	127	23.43	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	53	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15137	161	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	102	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17078	113	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	22	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12904	226	222.50	\$58.00
Intel Xeon E5-2680 v2 @ 2.80GHz	15915	145	67.73	\$235.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18466	91	61.56	\$299.99

Intel Xeon E5-2680 v4 @ 2.40GHz	19886	72	13.18	\$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	64	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17374	105	34.07	\$509.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	86	8.62	\$2,208.93*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	164	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	83	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	74	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14348	183	66.74	\$214.99
Intel Xeon E5-2687W v2 @ 3.40GHz	16426	124	49.03	\$335.00
Intel Xeon E5-2687W v3 @ 3.10GHz	17795	99	30.16	\$589.99
Intel Xeon E5-2687W v4 @ 3.00GHz	19855	73	9.13	\$2,174.99*
Intel Xeon E5-2689 @ 2.60GHz	13451	214	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	76	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13723	200	133.72	\$102.63
Intel Xeon E5-2690 v2 @ 3.00GHz	16406	126	35.67	\$460.00*
Intel Xeon E5-2690 v3 @ 2.60GHz	19249	84	74.04	\$260.00
Intel Xeon E5-2690 v4 @ 2.60GHz	21167	56	9.75	\$2,169.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	139	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15993	142	61.75	\$258.99
Intel Xeon E5-2695 v3 @ 2.30GHz	19710	79	19.52	\$1,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	66	11.20	\$1,809.00
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	121	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	40	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	55	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17202	109	45.32	\$379.62
Intel Xeon E5-2697 v3 @ 2.60GHz	21402	54	45.94	\$465.90
Intel Xeon E5-2697 v4 @ 2.30GHz	21506	52	7.04	\$3,054.99*
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	41	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	58	6.15	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	48	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	42	8.92	\$2,509.00*
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	35	3.94	\$5,954.79*
Intel Xeon E5-4603 @ 2.00GHz	5014	890	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	421	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4610 @ 2.40GHz	9552	392	7.81	\$1,223.00*
Intel Xeon E5-4610 v3 @ 1.70GHz	8853	466	7.26	\$1,219.00*
Intel Xeon E5-4617 @ 2.90GHz	9286	416	103.30	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	9113	432	67.91	\$134.21*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	177	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	153	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10701	298	3.92	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	232	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	275	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11685	262	166.96	\$69.99

Intel Xeon E5-4650L @ 2.60GHz	12145	250	101.22	\$119.99*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	242	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	146	11.36	\$1,399.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	148	3.30	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	204	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1324	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2157	1670	93.86	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1559	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1639	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	2027	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1560	27.31	\$88.78*
Intel Xeon E5310 @ 1.60GHz	2264	1625	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1609	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1529	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2907	1395	72.72	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2833	1418	70.92	\$39.95*
Intel Xeon E5410 @ 2.33GHz	3261	1269	15.61	\$208.95*
Intel Xeon E5420 @ 2.50GHz	3484	1214	55.35	\$62.95*
Intel Xeon E5430 @ 2.66GHz	3750	1148	33.79	\$110.99
Intel Xeon E5440 @ 2.83GHz	3963	1098	40.03	\$99.00*
Intel Xeon E5450 @ 3.00GHz	4183	1055	77.47	\$54.00*
Intel Xeon E5462 @ 2.80GHz	3871	1114	141.82	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4085	1074	136.00	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	2041	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1381	2038	4.81	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2680	1469	38.32	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2974	1369	47.21	\$63.01*
Intel Xeon E5507 @ 2.27GHz	3125	1321	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4379	1015	306.92	\$14.27*
Intel Xeon E5530 @ 2.40GHz	4497	993	18.28	\$246.00*
Intel Xeon E5540 @ 2.53GHz	4747	944	80.46	\$59.00*
Intel Xeon E5603 @ 1.60GHz	2366	1584	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1345	13.95	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3380	1242	48.85	\$69.21*
Intel Xeon E5620 @ 2.40GHz	4777	936	33.22	\$143.81*
Intel Xeon E5630 @ 2.53GHz	5055	879	144.43	\$35.00*
Intel Xeon E5640 @ 2.67GHz	5250	844	187.60	\$27.99*
Intel Xeon E5645 @ 2.40GHz	6424	702	61.14	\$105.08*
Intel Xeon E5649 @ 2.53GHz	6889	656	59.91	\$115.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E7320 @ 2.13GHz	2413	1564	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	562	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9489	396	43.13	\$219.99*
Intel Xeon E-2124G @ 3.40GHz	9856	365	39.74	\$247.99
Intel Xeon E-2126G @ 3.30GHz	13570	206	45.24	\$299.99*

Intel Xeon E-2134 @ 3.50GHz	10882	291	39.12	\$278.17
Intel Xeon E-2136 @ 3.30GHz	15773	149	48.61	\$324.46*
Intel Xeon E-2144G @ 3.60GHz	11466	264	32.59	\$351.90*
Intel Xeon E-2146G @ 3.50GHz	15620	150	44.00	\$354.99*
Intel Xeon E-2174G @ 3.80GHz	12250	246	33.34	\$367.42
Intel Xeon E-2176G @ 3.70GHz	15583	151	37.04	\$420.72
Intel Xeon E-2176M @ 2.70GHz	13518	209	30.04	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	16017	140	30.51	\$524.99*
Intel Xeon E-2186M @ 2.90GHz	14554	176	23.36	\$623.00*
Intel Xeon E-2224 @ 3.40GHz	10525	311	53.16	\$198.00*
Intel Xeon E-2224G @ 3.50GHz	10008	346	45.91	\$218.00*
Intel Xeon E-2246G @ 3.60GHz	16714	116	53.74	\$311.00*
Intel Xeon E-2276M @ 2.80GHz	14727	171	32.73	\$450.00*
Intel Xeon E-2286M @ 2.40GHz	18421	92	29.57	\$623.00*
Intel Xeon E-2288G @ 3.70GHz	20367	65	NA	NA
Intel Xeon Gold 5117 @ 2.00GHz	16672	119	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16389	128	13.65	\$1,200.90*
Intel Xeon Gold 5120 @ 2.20GHz	18253	94	11.69	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	96	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10894	290	8.40	\$1,297.50*
Intel Xeon Gold 5218 @ 2.30GHz	22576	39	15.73	\$1,435.18
Intel Xeon Gold 6126 @ 2.60GHz	19711	78	9.81	\$2,008.95
Intel Xeon Gold 6128 @ 3.40GHz	14941	166	8.49	\$1,759.75*
Intel Xeon Gold 6130 @ 2.10GHz	19643	81	10.03	\$1,958.46
Intel Xeon Gold 6132 @ 2.60GHz	23907	31	10.22	\$2,339.95
Intel Xeon Gold 6134 @ 3.20GHz	18083	97	7.62	\$2,372.99*
Intel Xeon Gold 6136 @ 3.00GHz	21061	57	8.06	\$2,613.59*
Intel Xeon Gold 6138 @ 2.00GHz	25774	17	9.80	\$2,628.95
Intel Xeon Gold 6140 @ 2.30GHz	23964	30	9.82	\$2,439.99*
Intel Xeon Gold 6144 @ 3.50GHz	19654	80	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	23	5.46	\$4,608.95*
Intel Xeon Gold 6148 @ 2.40GHz	25817	16	8.83	\$2,925.00
Intel Xeon Gold 6152 @ 2.10GHz	23498	33	6.35	\$3,702.12*
Intel Xeon Gold 6154 @ 3.00GHz	27722	11	7.09	\$3,909.00*
Intel Xeon Gold 6210U @ 2.50GHz	28560	8	NA	NA
Intel Xeon Gold 6230 @ 2.10GHz	24600	24	12.21	\$2,013.99
Intel Xeon Gold 6242 @ 2.80GHz	25313	21	9.45	\$2,678.99
Intel Xeon L3110 @ 3.00GHz	2273	1621	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1144	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2063	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3943	1104	8.82	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1826	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1622	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1618	20.22	\$112.50*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5320 @ 1.86GHz	2135	1673	30.52	\$69.99*

Intel Xeon L5335 @ 2.00GHz	2756	1448	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3014	1353	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1244	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3503	1210	127.41	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3724	1154	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1159	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4324	1028	337.35	\$12.82*
Intel Xeon L5530 @ 2.40GHz	4389	1013	227.93	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4338	1025	206.69	\$20.99
Intel Xeon L5638 @ 2.00GHz	5622	785	80.43	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6869	658	NA	NA
Intel Xeon L5640 @ 2.27GHz	6232	716	207.96	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1123	NA	NA
Intel Xeon MV 3.20GHz	683	2430	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26835	14	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	651	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	6	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	7	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	9	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	24434	28	2.80	\$8,725.00*
Intel Xeon Silver 4108 @ 1.80GHz	10838	295	21.25	\$509.95*
Intel Xeon Silver 4109T @ 2.00GHz	10946	288	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11706	261	28.91	\$405.00
Intel Xeon Silver 4112 @ 2.60GHz	8611	488	16.75	\$513.99*
Intel Xeon Silver 4114 @ 2.20GHz	14295	184	21.50	\$664.87*
Intel Xeon Silver 4116 @ 2.10GHz	15509	154	16.57	\$935.91
Intel Xeon Silver 4123 @ 3.00GHz	15185	159	NA	NA
Intel Xeon Silver 4208 @ 2.10GHz	13116	220	27.79	\$471.99
Intel Xeon Silver 4210 @ 2.20GHz	15974	143	29.04	\$550.00
Intel Xeon Silver 4214 @ 2.20GHz	17722	101	25.17	\$704.00*
Intel Xeon Silver 4215 @ 2.50GHz	15200	158	20.29	\$749.00*
Intel Xeon Silver 4216 @ 2.10GHz	17469	104	16.08	\$1,086.48
Intel Xeon W3503 @ 2.40GHz	1756	1848	175.85	\$9.99*
Intel Xeon W3505 @ 2.53GHz	1844	1809	74.18	\$24.86*
Intel Xeon W3520 @ 2.67GHz	4943	902	102.99	\$48.00*
Intel Xeon W3530 @ 2.80GHz	5222	849	17.77	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5412	815	271.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5568	797	185.68	\$29.99*
Intel Xeon W3565 @ 3.20GHz	5780	768	82.63	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6047	743	12.60	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6183	723	28.83	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8027	541	16.06	\$499.99*
Intel Xeon W3680 @ 3.33GHz	8914	460	55.73	\$159.95
Intel Xeon W3690 @ 3.47GHz	8981	450	81.65	\$110.00
Intel Xeon W5580 @ 3.20GHz	5836	762	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6087	739	2.43	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	6954	647	29.59	\$235.05*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2104 @ 3.20GHz	7475	598	29.32	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10675	302	31.67	\$337.06
Intel Xeon W-2125 @ 4.00GHz	12333	240	15.23	\$809.95*
Intel Xeon W-2133 @ 3.60GHz	14385	179	23.32	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16275	132	18.08	\$900.08
Intel Xeon W-2140B @ 3.20GHz	18610	88	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19772	75	16.57	\$1,192.99*
Intel Xeon W-2150B @ 3.00GHz	21543	51	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21872	47	14.29	\$1,530.39*
Intel Xeon W-2170B @ 2.50GHz	24561	26	NA	NA
Intel Xeon W-2175 @ 2.50GHz	24454	27	12.56	\$1,947.00*
Intel Xeon W-2195 @ 2.30GHz	24081	29	8.66	\$2,780.48*
Intel Xeon W-3175X @ 3.10GHz	33538	2	11.02	\$3,042.76
Intel Xeon W-3265 @ 2.70GHz	31691	4	9.46	\$3,349.00*
Intel Xeon X3210 @ 2.13GHz	2739	1453	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1332	51.35	\$60.15*
Intel Xeon X3230 @ 2.66GHz	3398	1233	47.53	\$71.50*
Intel Xeon X3320 @ 2.50GHz	3306	1261	14.41	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3174	1299	163.95	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3342	1252	15.91	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1129	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1120	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3935	1107	24.91	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3983	1090	116.85	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	1037	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	952	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3341	1253	44.15	\$75.68*
Intel Xeon X3440 @ 2.53GHz	4511	988	31.78	\$141.96*
Intel Xeon X3450 @ 2.67GHz	4749	942	59.40	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5147	861	14.42	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5334	833	35.88	\$148.70*
Intel Xeon X3480 @ 3.07GHz	5661	782	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1550	45.47	\$54.00*
Intel Xeon X5270 @ 3.50GHz	2553	1514	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1573	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3170	1301	10.23	\$309.95*
Intel Xeon X5365 @ 3.00GHz	3524	1204	45.19	\$77.99
Intel Xeon X5450 @ 3.00GHz	4105	1070	68.47	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4323	1030	94.01	\$45.99*
Intel Xeon X5470 @ 3.33GHz	4578	975	24.22	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4001	1086	17.78	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4529	986	45.30	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	917	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5274	841	17.30	\$304.85*

Intel Xeon X5560 @ 2.80GHz	5405	820	159.04	\$33.99*
Intel Xeon X5570 @ 2.93GHz	5619	786	318.03	\$17.67*
Intel Xeon X5647 @ 2.93GHz	5797	765	290.91	\$19.93*
Intel Xeon X5650 @ 2.67GHz	7304	616	251.90	\$29.00
Intel Xeon X5660 @ 2.80GHz	7591	589	90.24	\$84.12*
Intel Xeon X5667 @ 3.07GHz	6198	722	265.70	\$23.33*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5670 @ 2.93GHz	7827	561	260.91	\$30.00
Intel Xeon X5672 @ 3.20GHz	6461	698	143.61	\$44.99*
Intel Xeon X5675 @ 3.07GHz	8028	540	102.94	\$77.99
Intel Xeon X5677 @ 3.47GHz	6773	664	177.87	\$38.08*
Intel Xeon X5679 @ 3.20GHz	8958	453	NA	NA
Intel Xeon X5680 @ 3.33GHz	8359	510	119.42	\$70.00
Intel Xeon X5687 @ 3.60GHz	6984	641	124.01	\$56.32*
Intel Xeon X5690 @ 3.47GHz	8798	468	71.53	\$123.00
Intel Xeon X5698 @ 4.40GHz	4272	1039	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1368	NA	NA
Mobile AMD Athlon 4	314	2733	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2688	NA	NA
Mobile AMD Athlon 64 2700+	398	2640	NA	NA
Mobile AMD Athlon 64 2800+	440	2590	NA	NA
Mobile AMD Athlon 64 3000+	450	2578	NA	NA
Mobile AMD Athlon 64 3200+	448	2582	NA	NA
Mobile AMD Athlon 64 3400+	511	2521	NA	NA
Mobile AMD Athlon 64 3700+	435	2600	NA	NA
Mobile AMD Athlon 64 4000+	576	2482	NA	NA
Mobile AMD Athlon 1400+	266	2808	NA	NA
Mobile AMD Athlon 2500+	370	2672	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2809	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2662	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2762	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2532	NA	NA
Mobile AMD Athlon XP	572	2486	45.81	\$12.49
Mobile AMD Athlon XP-M	512	2520	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2890	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2812	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2814	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2720	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2757	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2705	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2751	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2682	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2700	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2698	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2671	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2680	NA	NA

Mobile AMD Athlon XP-M 3000+	365	2679	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2591	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2538	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2525	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2770	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2761	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2710	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2669	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2554	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2527	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Sempron 2100+	252	2823	NA	NA
Mobile AMD Sempron 2600+	394	2646	NA	NA
Mobile AMD Sempron 2800+	361	2685	NA	NA
Mobile AMD Sempron 3000+	389	2656	NA	NA
Mobile AMD Sempron 3100+	416	2613	NA	NA
Mobile AMD Sempron 3200+	354	2692	NA	NA
Mobile AMD Sempron 3300+	446	2584	NA	NA
Mobile AMD Sempron 3400+	441	2589	NA	NA
Mobile AMD Sempron 3500+	408	2623	NA	NA
Mobile AMD Sempron 3600+	427	2607	NA	NA
Mobile AMD Sempron 3800+	485	2543	NA	NA
Mobile Intel Celeron 1.20GHz	170	2901	NA	NA
Mobile Intel Celeron 1.50GHz	188	2885	NA	NA
Mobile Intel Celeron 1.60GHz	188	2886	NA	NA
Mobile Intel Celeron 1.70GHz	181	2894	NA	NA
Mobile Intel Celeron 1.80GHz	186	2888	NA	NA
Mobile Intel Celeron 2.00GHz	204	2870	NA	NA
Mobile Intel Celeron 2.20GHz	226	2850	NA	NA
Mobile Intel Celeron 2.40GHz	236	2842	NA	NA
Mobile Intel Celeron 2.50GHz	281	2789	NA	NA
Mobile Intel Celeron 1200MHz	294	2763	NA	NA
Mobile Intel Celeron 1333MHz	280	2791	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2796	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2811	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2793	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2731	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2707	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2689	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2592	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2552	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2880	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2900	1.06	\$163.27
Mobile Intel Pentium 4 - M 1.80GHz	175	2897	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2845	NA	NA

Mobile Intel Pentium 4 - M 2.00GHz	202	2875	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2877	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2861	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2818	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2735	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2864	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2876	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2826	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2768	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2851	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2769	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1536	NA	NA
Quad-Core AMD Opteron 1385	3442	1225	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3446	1223	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1388	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA C3 Ezra	100	2929	NA	NA
VIA C7 1500MHz	284	2780	NA	NA
VIA C7-D 1500MHz	287	2776	NA	NA
VIA C7-D 1800MHz	203	2872	NA	NA
VIA C7-D 2000MHz	368	2675	NA	NA
VIA C7-M 1000MHz	164	2903	NA	NA
VIA C7-M 1200MHz	140	2916	NA	NA
VIA C7-M 1600MHz	178	2896	NA	NA
VIA C7-M 6300MHz	222	2853	NA	NA
VIA Eden 800MHz	155	2907	NA	NA
VIA Eden 1000MHz	123	2924	NA	NA
VIA Eden 1200MHz	142	2915	NA	NA
VIA Eden C1050@1.06GHz	352	2695	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2550	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1262	2111	NA	NA
VIA Esther 1000MHz	146	2914	NA	NA
VIA Esther 1300MHz	250	2825	NA	NA
VIA Esther 1500MHz	219	2855	NA	NA
VIA Esther 2000MHz	394	2645	NA	NA
VIA Nano L1900@1400MHz	457	2572	NA	NA
VIA Nano L2007@1600MHz	369	2673	NA	NA
VIA Nano L2100@1800MHz	428	2605	NA	NA
VIA Nano L2207@1600MHz	296	2760	NA	NA
VIA Nano L3025@1600MHz	517	2517	NA	NA
VIA Nano L3050@1800MHz	581	2479	NA	NA
VIA Nano L3600@2000MHz	645	2446	NA	NA
VIA Nano U2250 (1.6GHz Capable)	415	2614	NA	NA
VIA Nano U2250@1300+MHz	274	2800	NA	NA
VIA Nano U2500@1200MHz	306	2742	NA	NA

VIA Nano U3100 (1.6GHz Capable)	501	2529	NA	NA
VIA Nano U3300@1200MHz	409	2621	NA	NA
VIA Nano U3500@1000MHz	275	2798	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2464	NA	NA
VIA Nehemiah	155	2908	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1783	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	2049	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2158	NA	NA
VIA Samuel 2	79	2931	NA	NA
ZHAOXIN KaiXian KX-U6780A@2.7GHz	5760	772	NA	NA

* - Last price seen from our affiliates.

Serwer Typu Rack

Wysokiej klasy sprzęt, możliwość własnej konfiguracji. Sprawdź! bizserv

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	321	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	142	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	427	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	433	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	478	NA	NA
[Dual CPU] AMD EPYC 7251 8-Core	12955	199	14.26	\$908.36
[Dual CPU] AMD EPYC 7261	12430	207	16.32	\$761.52
[Dual CPU] AMD EPYC 7281	13293	195	10.29	\$1,291.86
[Dual CPU] AMD EPYC 7371	19370	126	NA	NA
[Dual CPU] AMD EPYC 7401	23518	76	7.24	\$3,249.80
[Dual CPU] AMD EPYC 7451	28957	43	8.51	\$3,403.02
[Dual CPU] AMD EPYC 7501	29003	42	7.04	\$4,121.72
[Dual CPU] AMD EPYC 7551	31452	29	6.62	\$4,747.62
[Dual CPU] AMD EPYC 7601	33545	22	4.38	\$7,658.34
[Dual CPU] AMD Opteron 246	1130	467	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	468	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	464	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	465	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	473	NA	NA
[Dual CPU] AMD Opteron 256	1853	461	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	459	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	455	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	458	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	450	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2769	440	17.32	\$159.90
[Dual CPU] AMD Opteron 290	2716	442	10.06	\$270.00*
[Dual CPU] AMD Opteron 885	2851	436	NA	NA

[Dual CPU] AMD Opteron 2212	2203	456	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	451	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	449	NA	NA
[Dual CPU] AMD Opteron 2216	2485	448	48.16	\$51.60
[Dual CPU] AMD Opteron 2216 HE	2593	444	NA	NA
[Dual CPU] AMD Opteron 2218	2719	441	17.00	\$159.90
[Dual CPU] AMD Opteron 2218 HE	2514	445	NA	NA
[Dual CPU] AMD Opteron 2220	2854	435	17.85	\$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	434	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	431	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	425	45.30	\$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	415	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	422	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	416	25.50	\$159.90
[Dual CPU] AMD Opteron 2354	4554	403	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	406	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	385	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	413	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	399	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	386	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	384	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	370	63.93	\$90.00
[Dual CPU] AMD Opteron 2384	5714	372	3.40	\$1,680.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2387	6239	358	NA	NA
[Dual CPU] AMD Opteron 2389	5677	373	48.11	\$118.00*
[Dual CPU] AMD Opteron 2419	5191	388	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	359	NA	NA
[Dual CPU] AMD Opteron 2427	5907	368	36.94	\$159.90
[Dual CPU] AMD Opteron 2431	6438	352	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7068	337	18.70	\$378.00*
[Dual CPU] AMD Opteron 2439 SE	8071	307	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	417	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	375	24.58	\$229.90*
[Dual CPU] AMD Opteron 4170 HE	6344	355	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	353	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7813	312	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	306	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	309	NA	NA
[Dual CPU] AMD Opteron 4234	9361	273	20.35	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	4214	410	52.69	\$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	265	NA	NA
[Dual CPU] AMD Opteron 4280	4525	404	45.25	\$100.00
[Dual CPU] AMD Opteron 4284	9151	275	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9456	272	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	244	21.71	\$479.98*

[Dual CPU] AMD Opteron 4376 HE	10244	254	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	227	40.57	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	344	178.04	\$37.98
[Dual CPU] AMD Opteron 6128 HE	5582	378	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	291	NA	NA
[Dual CPU] AMD Opteron 6134	7586	323	86.22	\$87.98*
[Dual CPU] AMD Opteron 6136	7255	331	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	391	NA	NA
[Dual CPU] AMD Opteron 6168	7741	318	92.15	\$84.00
[Dual CPU] AMD Opteron 6172	7621	322	19.24	\$396.00*
[Dual CPU] AMD Opteron 6174	7783	313	48.67	\$159.90
[Dual CPU] AMD Opteron 6176 SE	8448	296	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	428	16.40	\$189.90
[Dual CPU] AMD Opteron 6204	7134	333	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	285	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	240	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	258	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	247	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	9841	262	70.30	\$139.98
[Dual CPU] AMD Opteron 6274	10536	242	117.09	\$89.98
[Dual CPU] AMD Opteron 6275	10900	238	NA	NA
[Dual CPU] AMD Opteron 6276	10194	257	30.16	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	219	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	298	13.47	\$619.96
[Dual CPU] AMD Opteron 6320	10716	241	20.88	\$513.18
[Dual CPU] AMD Opteron 6328	12013	218	10.09	\$1,190.00
[Dual CPU] AMD Opteron 6344	11203	232	14.40	\$778.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6348	11412	226	18.64	\$612.20
[Dual CPU] AMD Opteron 6376	10405	246	80.04	\$130.00
[Dual CPU] AMD Opteron 6378	9145	276	24.07	\$380.00
[Dual CPU] AMD Opteron 6380	14200	178	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	212	42.05	\$289.98
[Dual CPU] AMD Opteron 8218	2831	437	61.54	\$46.00
[Dual CPU] AMD Opteron 8220	2510	446	15.70	\$159.90
[Dual CPU] AMD Opteron 8222 SE	2793	439	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	426	67.15	\$48.00
[Dual CPU] AMD Opteron 8380	5643	376	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	387	NA	NA
[Dual CPU] AMD Opteron 8389	6517	349	41.25	\$158.00*
[Dual CPU] AMD Opteron 8431	5813	369	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	345	46.80	\$144.00*
[Dual CPU] AMD Opteron 8439 SE	7691	320	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	466	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	453	NA	NA

[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	421	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	310	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	487	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	485	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	482	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	541	481	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	488	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	489	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	486	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	484	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	479	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	475	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	474	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	477	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	472	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	471	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	470	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	460	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	469	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	457	30.53	\$70.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2315	452	0.71	\$3,239.98*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	443	41.62	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	429	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2978	432	59.58	\$49.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	430	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3409	423	12.18	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3826	419	51.03	\$74.98*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8929	284	18.61	\$479.74
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11012	235	12.13	\$908.00*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	360	100.10	\$61.98*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	357	87.58	\$71.98*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	329	200.30	\$36.46*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	278	39.02	\$231.12*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11299	229	14.49	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	220	49.44	\$240.92
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	301	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13220	198	173.95	\$76.00*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	182	22.20	\$620.00*
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	10818	239	167.57	\$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	209	NA	NA
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	12436	206	155.49	\$79.98
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	200	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	11334	228	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15680	162	120.63	\$129.98

[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	15106	169	48.73	\$310.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11655	222	44.83	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	13442	192	52.51	\$256.00
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	133	63.61	\$291.98
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	356	127.11	\$49.88*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	348	54.34	\$119.98*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	297	60.64	\$138.00*
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8932	283	17.18	\$520.00*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8162	304	67.82	\$120.34
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9001	280	30.84	\$291.86
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	260	8.10	\$1,238.14
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	236	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12250	211	290.97	\$42.10
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13233	197	46.43	\$285.00
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15262	167	47.99	\$318.00
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16453	151	21.42	\$767.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14339	177	11.05	\$1,298.00
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	203	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	175	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13502	191	79.66	\$169.50*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15942	157	181.41	\$87.88
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18464	137	71.02	\$260.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18729	132	14.19	\$1,319.98*
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11506	224	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	184	175.27	\$78.20
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	168	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7706	319	4.35	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15888	159	93.47	\$169.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16391	152	26.44	\$619.98
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16703	149	7.81	\$2,139.90*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14674	173	75.94	\$193.24
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14505	176	38.76	\$374.22*
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19894	119	56.84	\$349.98
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20530	113	11.15	\$1,840.54*
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13700	185	38.71	\$353.90
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20773	109	93.15	\$223.00
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21023	104	42.05	\$500.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	98	6.59	\$3,269.98
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12399	208	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	181	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	139	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15049	170	109.05	\$138.00*
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18943	130	131.46	\$144.10
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20346	115	56.84	\$357.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20740	110	8.09	\$2,562.24*

[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	13621	188	86.21	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14152	179	52.09	\$271.68*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	105	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13855	180	4.74	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	131	52.29	\$359.98*
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	124	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	141	4.85	\$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16371	153	124.04	\$131.98
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17795	140	51.14	\$347.96
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22577	90	22.40	\$1,007.96
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23225	81	7.74	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	82	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17036	146	75.70	\$225.04
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	67	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16358	154	154.35	\$105.98*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22624	87	31.42	\$719.98
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22589	88	13.21	\$1,710.60*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22916	84	5.88	\$3,898.06*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18173	138	129.81	\$140.00
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20611	112	64.81	\$318.00
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22298	93	37.16	\$600.00
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	78	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21751	96	15.54	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	59	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19762	120	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21063	103	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	36	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18566	134	160.05	\$116.00
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21537	97	45.82	\$470.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24507	72	40.85	\$599.98
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22584	89	7.48	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	147	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21121	102	20.71	\$1,019.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	66	5.66	\$4,417.86*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	94	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26907	56	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	45	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20803	108	48.38	\$429.98
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23288	80	34.76	\$670.00
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24320	73	20.61	\$1,179.98
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	57	6.13	\$4,349.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19387	125	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	25703	64	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19651	121	95.74	\$205.26

[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23666	75	25.72	\$920.00*
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25757	63	49.53	\$520.00
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27411	53	6.32	\$4,339.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20872	106	40.29	\$517.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	68	12.30	\$2,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	71	6.81	\$3,618.00
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23501	77	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	34	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31774	28	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23308	79	30.70	\$759.24
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27393	54	29.40	\$931.80
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30440	33	4.98	\$6,109.98*
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	29185	40	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	28325	49	4.14	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	32	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	26	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	74	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26341	60	5.25	\$5,018.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	20	2.86	\$11,909.58*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	111	NA	NA
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz	15383	164	85.56	\$179.80*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	123	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	158	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	127	35.31	\$544.08*
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	122	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18565	135	132.63	\$139.98
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	172	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	13742	183	57.26	\$239.98*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	91	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	52	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	213	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	161	NA	NA
[Dual CPU] Intel Xeon E7-4830 @ 2.13GHz	9539	271	147.66	\$64.60*
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	92	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	217	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15263	166	40.38	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10965	237	27.41	\$399.98*
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10207	255	1.02	\$10,017.02*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	454	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	418	22.74	\$177.56*
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3554	420	36.27	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4166	412	53.75	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	394	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	402	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5120	390	64.02	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5138	389	64.31	\$79.90*
	Passmark CPU	Rank	CPU Value	Price

CPU Name	Mark (higher is better)	(lower is better)	(higher is better)	(USD)
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6010	365	14.38	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6348	354	50.42	\$125.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6832	343	30.78	\$221.98
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7127	334	35.99	\$198.00*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7501	326	69.45	\$108.00*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7093	336	129.91	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7769	315	129.31	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2492	447	13.12	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	438	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4878	398	34.87	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4990	393	39.60	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	381	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7300	330	255.78	\$28.54*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7576	324	15.40	\$492.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7752	316	65.69	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	414	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	379	12.57	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5947	367	42.96	\$138.42*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	7996	308	27.80	\$287.62*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8329	299	118.99	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8662	290	154.73	\$55.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10245	253	48.75	\$210.16*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10265	251	44.63	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	380	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	383	29.87	\$179.98*
[Dual CPU] Intel Xeon E7540 @ 2.00GHz	6738	346	210.96	\$31.94*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	95	8.41	\$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21437	99	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	101	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22722	86	9.46	\$2,401.80*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	65	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	143	6.73	\$2,595.00*
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	55	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	22983	83	7.04	\$3,265.92*
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	129	7.83	\$2,442.00*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28610	47	7.12	\$4,017.90
[Dual CPU] Intel Xeon Gold 6126T @ 2.60GHz	20420	114	5.47	\$3,730.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22875	85	6.50	\$3,519.50*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26585	58	6.79	\$3,916.92
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	51	5.88	\$4,679.90
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	24666	70	5.20	\$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	25	6.68	\$4,879.98*

[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	44	4.72	\$6,116.66*
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	29907	37	NA	NA
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28723	46	4.91	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29655	38	3.22	\$9,217.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36731	13	6.28	\$5,850.00
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32941	24	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33142	23	4.48	\$7,404.24*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	11	4.75	\$7,818.00*
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	29161	41	6.57	\$4,440.00*
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31379	30	4.66	\$6,737.66*
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33741	21	5.13	\$6,572.00*
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	7	6.16	\$6,291.90
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	37405	9	4.85	\$7,704.98
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41159	3	5.70	\$7,218.00
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	405	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	409	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	396	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	377	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	362	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	351	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	364	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	395	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	341	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6961	340	271.49	\$25.64*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7553	325	196.08	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6973	339	166.10	\$41.98
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8693	288	62.18	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9607	268	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9663	266	161.21	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	480	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	483	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	476	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	462	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	15	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	37838	8	2.46	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	39	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	6	3.33	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	14	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	16	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @	37312	10	1.86	\$20,030.00*

2.50GHz				
[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	16697	150	20.61	\$810.00
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	189	13.24	\$1,027.98*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19206	128	14.44	\$1,329.74*
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	100	11.45	\$1,871.82
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	118	19.96	\$1,002.00*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10062	259	47.01	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10249	252	2.04	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	250	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	400	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	401	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	397	17.46	\$280.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5742	371	9.26	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6203	361	39.77	\$155.98
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7437	327	62.02	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7824	311	85.06	\$91.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	305	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	314	17.28	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8175	303	40.88	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8682	289	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8758	286	14.36	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9002	279	132.42	\$67.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9279	274	262.56	\$35.34*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9642	267	241.90	\$39.86*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11256	230	194.07	\$58.00
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11645	223	69.22	\$168.24*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10288	249	220.49	\$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12082	214	201.37	\$60.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10320	248	114.69	\$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12447	204	79.80	\$155.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11160	233	146.53	\$76.16*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13428	193	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13351	194	95.36	\$140.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11785	221	104.63	\$112.64*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13673	186	55.58	\$246.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	295	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	347	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	287	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7542 @ 2.67GHz	8972	281	13.22	\$678.48*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	261	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11230	231	255.23	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	411	46.34	\$90.00

[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	392	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	408	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	407	27.37	\$159.90
[Dual CPU] Quad-Core AMD Opteron 8378	5382	382	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	342	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	374	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	366	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	300	NA	NA
[Quad CPU] AMD Opteron 6136	9767	263	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	293	26.87	\$319.80
[Quad CPU] AMD Opteron 6272	12292	210	43.91	\$279.96
[Quad CPU] AMD Opteron 6274	10488	243	58.28	\$179.96
[Quad CPU] AMD Opteron 6276	15342	165	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	215	24.31	\$495.80
[Quad CPU] AMD Opteron 6282 SE	11044	234	4.31	\$2,560.00
[Quad CPU] AMD Opteron 6376	13257	196	50.99	\$260.00
[Quad CPU] AMD Opteron 6378	20859	107	27.45	\$760.00
[Quad CPU] AMD Opteron 6380	12442	205	52.72	\$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	350	77.26	\$84.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 8381 HE	6097	363	NA	NA
[Quad CPU] AMD Opteron 8382	8553	294	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	328	NA	NA
[Quad CPU] AMD Opteron 8431	8252	302	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	335	24.65	\$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	282	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	463	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	424	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	148	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	14669	174	27.32	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	187	42.59	\$319.96*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	69	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	20036	117	18.41	\$1,088.16*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	17127	145	61.18	\$279.96
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	61	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	18557	136	38.66	\$479.96*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	31	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	116	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	13606	190	105.31	\$129.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	155	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	18	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	48	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	27	NA	NA
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	12	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	15433	163	96.48	\$159.96*

[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17398	144	131.84	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15016	171	19.86	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	202	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	160	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	338	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	317	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	256	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	269	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	277	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	62	5.04	\$5,190.00*
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	17	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	5	2.75	\$14,808.48*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	264	NA	NA
[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10406	245	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	270	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	216	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	292	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	225	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	12824	201	145.73	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	332	22.42	\$319.80

* - Last price seen from our affiliates.

Serwer Typu Rack

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