

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

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.

[CPUS](#)

High End

High Mid Range

Low Mid Range

Low End

Best Value (On Market)

Best Value XY Scatter

Best Value (All time)

New Desktop

New Laptop

Single Thread

Systems with Multiple CPUs

Overclocked

Power Performance

CPU Mark by Socket Type

CPU Mega List

[Search Model](#)

Compare ⁰

Common

Most Benchmarked

AMD vs Intel Market Share

Single CPU Systems

[Find CPU](#)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2802	NA	NA
AMD A4 Micro-6400T APU	1544	1992	NA	NA
AMD A4 PRO-3340B	2402	1597	NA	NA
AMD A4 PRO-7300B APU	2353	1619	NA	NA
AMD A4 PRO-7350B	2227	1672	NA	NA
AMD A4-1200 APU	632	2482	NA	NA
AMD A4-1250 APU	622	2489	NA	NA
AMD A4-3300 APU	1503	2017	115.75	\$12.99
AMD A4-3300M APU	1188	2181	39.62	\$29.99*
AMD A4-3305M APU	1227	2159	39.84	\$30.81
AMD A4-3310MX APU	1286	2122	NA	NA
AMD A4-3320M APU	1253	2145	34.93	\$35.90
AMD A4-3330MX APU	1218	2162	NA	NA
AMD A4-3400 APU	1594	1976	18.13	\$87.95
AMD A4-3420 APU	1664	1937	NA	NA
AMD A4-4000 APU	1833	1849	14.30	\$128.27*
AMD A4-4020 APU	1909	1808	23.00	\$83.00
AMD A4-4300M APU	1613	1965	40.48	\$39.86
AMD A4-4355M APU	1177	2185	NA	NA
AMD A4-5000 APU	1917	1803	NA	NA
AMD A4-5050 APU	2113	1715	NA	NA
AMD A4-5100 APU	2060	1739	NA	NA
AMD A4-5150M APU	1864	1831	NA	NA

 CPU Benchmarks ▼

<u>AMD A4-5300 APU</u> CPU Name	Passmark CPU Mark (higher is better)	Rank 1756 (lower is better)	CPU Value 18.29 (higher is better)	Price \$119.32* (USD)
<u>AMD A4-6210 APU</u>	2171	1691	NA	NA
<u>AMD A4-6250J APU</u>	2556	1541	NA	NA
<u>AMD A4-6300 APU</u>	2225	1674	37.09	\$59.99*
<u>AMD A4-6300B APU</u>	2159	1697	21.59	\$100.00*

<u>AMD A4-6320 APU</u>	2329	1622	33.29	\$69.99*
<u>AMD A4-7210 APU</u>	2527	1549	NA	NA
<u>AMD A4-7300 APU</u>	2311	1631	20.64	\$112.00
<u>AMD A4-9120</u>	1962	1780	NA	NA
<u>AMD A4-9120C</u>	1539	1995	NA	NA
<u>AMD A4-9125</u>	2000	1762	NA	NA
<u>AMD A6 Micro-6500T APU</u>	1834	1848	NA	NA
<u>AMD A6 PRO-7050B APU</u>	1616	1963	NA	NA
<u>AMD A6 PRO-7400B</u>	2621	1515	NA	NA
<u>AMD A6-1450 APU</u>	1539	1996	NA	NA
<u>AMD A6-3400M APU</u>	1888	1822	63.01	\$29.97*
<u>AMD A6-3410MX APU</u>	2059	1742	516.08	\$3.99*
<u>AMD A6-3420M APU</u>	2004	1761	NA	NA
<u>AMD A6-3430MX APU</u>	2200	1683	NA	NA
<u>AMD A6-3500 APU</u>	2029	1751	50.76	\$39.99*
<u>AMD A6-3600 APU</u>	2707	1493	117.76	\$22.99*
<u>AMD A6-3620 APU</u>	2793	1463	46.57	\$59.99*
<u>AMD A6-3650 APU</u>	3148	1345	98.41	\$31.99*
<u>AMD A6-3670 APU</u>	3166	1333	5.19	\$610.00*
<u>AMD A6-4400M APU</u>	1641	1950	205.47	\$7.99*
<u>AMD A6-4455M APU</u>	1286	2123	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD A6-5200 APU</u>	2435	1586	NA	NA
<u>AMD A6-5345M APU</u>	1476	2028	NA	NA
<u>AMD A6-5350M APU</u>	1906	1810	44.20	\$43.12
<u>AMD A6-5357M APU</u>	1953	1786	NA	NA
<u>AMD A6-5400B APU</u>	2250	1661	21.43	\$105.04*
<u>AMD A6-5400K APU</u>	2161	1695	34.85	\$62.02

 CPU Benchmarks ▼

<u>AMD A6-6310 APU</u> CPU Name	Passmark 2464 CPU Mark (higher is	Rank 1630 (lower is	QFU Value (higher is	NA Price (USD)
<u>AMD A6-6400K APU</u>	2312	1630	11.06	\$208.99*
<u>AMD A6-6420B APU</u>	2612	1518	NA	NA
<u>AMD A6-6420K APU</u>	2388	1605	15.92	\$149.99*
<u>AMD A6-7000</u>	1667	1934	NA	NA
<u>AMD A6-7310 APU</u>	2671	1501	NA	NA
<u>AMD A6-7400K APU</u>	2789	1466	43.06	\$64.79
<u>AMD A6-7470K</u>	2727	1486	20.52	\$132.91
<u>AMD A6-7480</u>	3135	1346	71.28	\$43.99*
<u>AMD A6-8500P</u>	2202	1682	NA	NA
<u>AMD A6-8550</u>	3032	1379	NA	NA
<u>AMD A6-9200</u>	1747	1885	NA	NA
<u>AMD A6-9210</u>	1768	1873	NA	NA
<u>AMD A6-9220</u>	2171	1690	NA	NA
<u>AMD A6-9220C</u>	2071	1733	NA	NA
<u>AMD A6-9220e</u>	1621	1961	NA	NA
<u>AMD A6-9225</u>	2135	1702	NA	NA
<u>AMD A6-9230</u>	2102	1719	NA	NA
<u>AMD A6-9500</u>	3054	1373	59.12	\$51.67
<u>AMD A6-9500E</u>	2889	1435	39.85	\$72.50
<u>AMD A8 PRO-7150B APU</u>	2655	1505	NA	NA
<u>AMD A8 PRO-7600B APU</u>	4752	965	NA	NA
<u>AMD A8-3500M APU</u>	1980	1770	28.32	\$69.95
<u>AMD A8-3510MX APU</u>	2414	1592	NA	NA
<u>AMD A8-3520M APU</u>	2170	1692	NA	NA
<u>AMD A8-3530MX APU</u>	2354	1617	NA	NA
<u>AMD A8-3550MX APU</u>	2610	1519	NA	NA
<u>AMD A8-3800 APU</u>	3011	1383	52.84	\$56.99*
<u>AMD A8-3820 APU</u>	3106	1356	24.86	\$124.99*
<u>AMD A8-3850 APU</u>	3458	1251	32.72	\$105.68*
<u>AMD A8-3870K APU</u>	3537	1228	23.64	\$149.67*
<u>AMD A8-4500M APU</u>	2666	1502	NA	NA
<u>AMD A8-4555M APU</u>	2121	1711	NA	NA

<u>AMD A8-5500 APU</u>	3998 Passmark CPU Mark (higher is better)	1115 Rank (lower is better)	70.77 CPU Value (higher is better)	\$56.50* Price (USD)
<u>AMD A8-5550M APU</u>	3003	1388	NA	NA
<u>AMD A8-5557M APU</u>	2954	1404	NA	NA
<u>AMD A8-5600K APU</u>	4340	1051	18.93	\$229.30
<u>AMD A8-6410 APU</u>	2575	1532	NA	NA

 CPU Benchmarks ▼

<u>AMD A8-6500 APU</u>	4393	1041	46.26	\$94.99*
<u>AMD A8-6500B APU</u>	4612	993	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD A8-6500T APU</u>	3276	1297	NA	NA
<u>AMD A8-6600K APU</u>	4591	1000	47.34	\$96.99*
<u>AMD A8-7050</u>	1824	1853	NA	NA
<u>AMD A8-7100 APU</u>	2805	1461	NA	NA
<u>AMD A8-7200P</u>	3338	1284	NA	NA
<u>AMD A8-7410 APU</u>	2747	1480	NA	NA
<u>AMD A8-7600 APU</u>	5063	904	34.46	\$146.94
<u>AMD A8-7650K</u>	4929	932	42.87	\$114.99
<u>AMD A8-7670K</u>	5083	897	31.56	\$161.10*
<u>AMD A8-7680</u>	5322	865	88.73	\$59.99*
<u>AMD A8-8600P</u>	3248	1303	NA	NA
<u>AMD A8-8650</u>	5465	839	NA	NA
<u>AMD A8-9600</u>	4968	926	73.08	\$67.99
<u>AMD A9-9400</u>	2306	1633	NA	NA
<u>AMD A9-9410</u>	2542	1547	NA	NA
<u>AMD A9-9420</u>	2340	1621	NA	NA
<u>AMD A9-9420e</u>	1820	1857	NA	NA
<u>AMD A9-9425</u>	2505	1563	NA	NA
<u>AMD A9-9430</u>	2524	1552	NA	NA
<u>AMD A10 Micro-6700T APU</u>	1970	1775	NA	NA
<u>AMD A10 PRO-7350B APU</u>	3158	1338	NA	NA
<u>AMD A10 PRO-7800B APU</u>	4979	922	NA	NA
<u>AMD A10 PRO-7850B APU</u>	5380	854	NA	NA
<u>AMD A10-4600M APU</u>	3115	1355	NA	NA
<u>AMD A10-4655M APU</u>	2605	1521	NA	NA

 CPU Benchmarks ▼

AMD A10-4657M APU CPU Name	Passmark 2006 CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-4657M APU	2765	1472	NA	NA
AMD A10-5750M APU	3341	1281	NA	NA
AMD A10-5757M APU	3084	1362	NA	NA
AMD A10-5800B APU	4614	992	NA	NA
AMD A10-5800K APU	4648	983	30.99	\$149.99*
AMD A10-6700 APU	4605	996	39.37	\$116.99*
AMD A10-6700T APU	3693	1192	25.02	\$147.61*
AMD A10-6790K APU	4714	971	49.64	\$94.99*
AMD A10-6800B APU	4822	952	NA	NA
AMD A10-6800K APU	4861	948	55.39	\$87.76*
AMD A10-7300 APU	2905	1425	NA	NA
AMD A10-7400P	3609	1208	NA	NA
AMD A10-7700K APU	5119	892	40.80	\$125.47
AMD A10-7800 APU	4974	924	48.11	\$103.39*
AMD A10-7850K APU	5468	838	32.68	\$167.33
AMD A10-7860K	5047	908	28.84	\$175.00*
AMD A10-7870K	5476	836	24.12	\$226.99*
AMD A10-7890K	5706	805	28.53	\$199.99*
AMD A10-8700P	3442	1255	NA	NA
AMD A10-8750	5064	903	NA	NA
AMD A10-8850	5604	816	NA	NA
AMD A10-9600P	3765	1170	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9620P	3663	1200	NA	NA
AMD A10-9630P	4474	1024	NA	NA
AMD A10-9700	5385	853	64.18	\$83.91
AMD A10-9700E	4747	968	43.49	\$109.17*
AMD A12-9700P	3718	1185	NA	NA
AMD A12-9720P	3995	1116	NA	NA
AMD A12-9730P	4417	1038	NA	NA
AMD A12-9800	5579	820	37.64	\$148.24*
AMD A12-9800E	5087	895	38.72	\$131.38*

 CPU Benchmarks ▼

<u>AMD Athlon64 X2 Dual Core 4600+</u> CPU Name	Passmark 1108 CPU Mark (higher is	Rank 227 (lower is	QFU Value (higher is	Price (USD)
<u>AMD Athlon 64 2000+</u>	116	2956	NA	NA
<u>AMD Athlon 64 2200+</u>	575	2514	NA	NA
<u>AMD Athlon 64 2600+</u>	374	2697	NA	NA
<u>AMD Athlon 64 2800+</u>	438	2625	4.38	\$99.99*
<u>AMD Athlon 64 3000+</u>	464	2593	4.26	\$108.95
<u>AMD Athlon 64 3200+</u>	492	2563	3.29	\$149.95*
<u>AMD Athlon 64 3300+</u>	576	2513	NA	NA
<u>AMD Athlon 64 3400+</u>	545	2524	NA	NA
<u>AMD Athlon 64 3500+</u>	541	2530	4.97	\$108.95
<u>AMD Athlon 64 3600+</u>	601	2498	NA	NA
<u>AMD Athlon 64 3700+</u>	598	2499	8.67	\$69.00*
<u>AMD Athlon 64 3800+</u>	589	2503	3.28	\$179.95*
<u>AMD Athlon 64 4000+</u>	608	2493	3.32	\$183.27*
<u>AMD Athlon 64 FX-25</u>	794	2409	NA	NA
<u>AMD Athlon 64 FX-34</u>	380	2689	NA	NA
<u>AMD Athlon 64 FX-51</u>	437	2626	NA	NA
<u>AMD Athlon 64 FX-53</u>	646	2474	21.57	\$29.99*
<u>AMD Athlon 64 FX-55</u>	721	2439	4.01	\$179.95*
<u>AMD Athlon 64 FX-57</u>	730	2435	NA	NA
<u>AMD Athlon 64 FX-59</u>	715	2442	NA	NA
<u>AMD Athlon 64 FX-60 Dual Core</u>	1282	2127	NA	NA
<u>AMD Athlon 64 FX-62 Dual Core</u>	1573	1982	NA	NA
<u>AMD Athlon 64 FX-72</u>	1794	1865	NA	NA
<u>AMD Athlon 64 FX-74</u>	1495	2021	2.99	\$499.50*
<u>AMD Athlon 64 X2 3800+</u>	958	2322	NA	NA
<u>AMD Athlon 64 X2 4200+</u>	1285	2124	4.16	\$308.95*
<u>AMD Athlon 64 X2 Dual Core 3400+</u>	994	2295	NA	NA
<u>AMD Athlon 64 X2 Dual Core 3600+</u>	962	2316	16.03	\$60.00
<u>AMD Athlon 64 X2 Dual Core 3800+</u>	999	2289	NA	NA
<u>AMD Athlon 64 X2 Dual Core 4000+</u>	1045	2260	NA	NA
<u>AMD Athlon 64 X2 Dual Core 4200+</u>	1098	2230	5.49	\$199.95
<u>AMD Athlon 64 X2 Dual Core 4400+</u>	1145	2209	19.09	\$60.00

<u>AMD Athlon 64 X2 Dual Core 4600+</u>	1218 Passmark CPU Mark (higher is better)	2163 Rank (lower is better)	3.39 CPU Value (higher is better)	\$359.95 Price (USD)
<u>AMD Athlon 64 X2 Dual Core 5200+</u>	1381	2069	9.87	\$139.95
<u>AMD Athlon 64 X2 Dual Core 5400+</u>	1450	2039	27.37	\$52.99*
<u>AMD Athlon 64 X2 Dual Core 5600+</u>	1485	2025	9.90	\$149.95

CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon 64 X2 Dual Core 5800+</u>	1516	2008	60.68	\$24.99*
<u>AMD Athlon 64 X2 Dual Core 6000+</u>	1603	1969	34.89	\$45.95
<u>AMD Athlon 64 X2 Dual Core 6400+</u>	1787	1867	6.87	\$259.95
<u>AMD Athlon 64 X2 Dual Core BE-230</u>	1095	2233	NA	NA
<u>AMD Athlon 64 X2 Dual Core BE-2300</u>	1082	2244	NA	NA
<u>AMD Athlon 64 X2 Dual Core BE-2350</u>	1044	2261	NA	NA
<u>AMD Athlon 64 X2 Dual Core TK-53</u>	839	2386	28.02	\$29.97*
<u>AMD Athlon 64 X2 Dual Core TK-55</u>	839	2388	14.53	\$57.74*
<u>AMD Athlon 64 X2 Dual Core TK-57</u>	971	2310	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-42</u>	877	2366	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-53</u>	819	2395	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-55</u>	874	2367	12.02	\$72.74*
<u>AMD Athlon 64 X2 Dual-Core TK-57</u>	924	2345	NA	NA
<u>AMD Athlon 64 X2 QL-60</u>	925	2343	NA	NA
<u>AMD Athlon 64 X2 QL-62</u>	1003	2285	NA	NA
<u>AMD Athlon 64 X2 QL-64</u>	990	2299	NA	NA
<u>AMD Athlon 64 X2 QL-65</u>	1050	2259	NA	NA
<u>AMD Athlon 64 X2 QL-66</u>	947	2331	NA	NA
<u>AMD Athlon 64 X2 QL-67</u>	1006	2283	NA	NA
<u>AMD Athlon 64 X2 TK-55</u>	955	2323	NA	NA
<u>AMD Athlon 64 X2 TK-57</u>	988	2300	NA	NA
<u>AMD Athlon 200GE</u>	4934	930	86.59	\$56.99
<u>AMD Athlon 220GE</u>	5237	874	75.00	\$69.83
<u>AMD Athlon 240GE</u>	5478	834	88.64	\$61.81
<u>AMD Athlon 300U</u>	4711	972	NA	NA
<u>AMD Athlon 1500+</u>	294	2794	NA	NA
<u>AMD Athlon 1640B</u>	670	2465	13.42	\$50.00*

 CPU Benchmarks ▼

<u>AMD Athlon 2000+</u> CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon 2200+</u>	363	2714	4.55	\$79.99*
<u>AMD Athlon 2400+</u>	462	2597	NA	NA
<u>AMD Athlon 2500+</u>	374	2694	2.04	\$183.99*
<u>AMD Athlon 2600+</u>	444	2618	4.23	\$104.95*

<u>AMD Athlon 2650e</u>	407	2654	21.47	\$19.00*
<u>AMD Athlon 2800+</u>	447	2613	3.20	\$139.95*
<u>AMD Athlon 2850e</u>	506	2556	NA	NA
<u>AMD Athlon 3100+</u>	485	2574	NA	NA
<u>AMD Athlon 3200+</u>	458	2601	7.63	\$60.00*
<u>AMD Athlon 5000 Dual-Core</u>	1292	2117	10.78	\$119.95
<u>AMD Athlon 5150 APU</u>	2105	1717	13.16	\$159.95
<u>AMD Athlon 5200 Dual-Core</u>	1266	2140	42.23	\$29.99*
<u>AMD Athlon 5350 APU</u>	2609	1520	19.34	\$134.96
<u>AMD Athlon 5370 APU</u>	2912	1420	45.73	\$63.70*
<u>AMD Athlon 7450 Dual-Core</u>	1449	2040	NA	NA
<u>AMD Athlon 7550 Dual-Core</u>	1472	2029	24.54	\$60.00*
<u>AMD Athlon 7750 Dual-Core</u>	1570	1983	10.26	\$152.99
<u>AMD Athlon 7850 Dual-Core</u>	1710	1904	8.16	\$209.65*
<u>AMD Athlon 7850 Dual-Core 2.8G</u>	288	2805	NA	NA
<u>AMD Athlon Dual Core 4050e</u>	1086	2239	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon Dual Core 4450B</u>	1165	2196	37.59	\$31.00*
<u>AMD Athlon Dual Core 4450e</u>	1110	2224	NA	NA
<u>AMD Athlon Dual Core 4850B</u>	1391	2062	NA	NA
<u>AMD Athlon Dual Core 4850e</u>	1315	2103	33.73	\$39.00*
<u>AMD Athlon Dual Core 5000B</u>	1308	2106	13.77	\$95.00*
<u>AMD Athlon Dual Core 5050e</u>	1343	2089	22.39	\$60.00*
<u>AMD Athlon Dual Core 5200B</u>	1316	2102	NA	NA
<u>AMD Athlon Dual Core 5400B</u>	1420	2051	NA	NA
<u>AMD Athlon Dual Core 5600B</u>	1304	2110	NA	NA
<u>AMD Athlon II 160u</u>	560	2520	18.68	\$29.99*
<u>AMD Athlon II 170u</u>	626	2485	20.91	\$29.95*

 CPU Benchmarks ▼

<u>AMD Athlon II Dual-Core M300</u> CPU Name	Passmark CPU Mark (higher is	Rank (lower is	QRU Value (higher is	Price (USD)
<u>AMD Athlon II Dual-Core M340</u>	1056	2256	NA	NA
<u>AMD Athlon II N330 Dual-Core</u>	1154	2203	NA	NA
<u>AMD Athlon II N350 Dual-Core</u>	1249	2152	NA	NA
<u>AMD Athlon II N370 Dual-Core</u>	1559	1988	NA	NA
<u>AMD Athlon II Neo K125</u>	473	2587	NA	NA
<u>AMD Athlon II Neo K145</u>	525	2539	NA	NA
<u>AMD Athlon II Neo K325 Dual-Core</u>	775	2414	29.84	\$25.99*
<u>AMD Athlon II Neo K345 Dual-Core</u>	856	2378	NA	NA
<u>AMD Athlon II Neo N36L Dual-Core</u>	795	2408	NA	NA
<u>AMD Athlon II P320 Dual-Core</u>	1217	2164	40.64	\$29.95*
<u>AMD Athlon II P340 Dual-Core</u>	1250	2150	27.83	\$44.95*
<u>AMD Athlon II P360 Dual-Core</u>	1318	2101	54.96	\$24.00*
<u>AMD Athlon II X2 210e</u>	1486	2024	NA	NA
<u>AMD Athlon II X2 215</u>	1566	1986	130.68	\$11.99*
<u>AMD Athlon II X2 220</u>	1634	1955	50.77	\$32.19
<u>AMD Athlon II X2 225</u>	1526	2001	NA	NA
<u>AMD Athlon II X2 235e</u>	1661	1942	9.13	\$181.88*
<u>AMD Athlon II X2 240</u>	1642	1949	46.98	\$34.95
<u>AMD Athlon II X2 240e</u>	1700	1915	48.64	\$34.95*
<u>AMD Athlon II X2 245</u>	1662	1941	47.55	\$34.95*
<u>AMD Athlon II X2 245e</u>	1709	1907	21.37	\$80.00*
<u>AMD Athlon II X2 250</u>	1741	1887	44.72	\$38.95
<u>AMD Athlon II X2 250e</u>	1939	1790	25.28	\$76.73*
<u>AMD Athlon II X2 250u</u>	1004	2284	28.74	\$34.95*
<u>AMD Athlon II X2 255</u>	1841	1843	28.24	\$65.22*
<u>AMD Athlon II X2 260</u>	1876	1825	93.87	\$19.99*
<u>AMD Athlon II X2 260u</u>	1107	2228	13.28	\$83.44*
<u>AMD Athlon II X2 265</u>	1892	1816	22.84	\$82.88*
<u>AMD Athlon II X2 270</u>	1975	1772	82.35	\$23.99*
<u>AMD Athlon II X2 270u</u>	1285	2126	18.99	\$67.67*
<u>AMD Athlon II X2 280</u>	2129	1707	21.30	\$99.99*
<u>AMD Athlon II X2 4300e</u>	1483	2026	NA	NA

AMD Athlon II X2 4400e	1632	1957	NA	NA
CPU Name	Passmark CPU Mark	Rank	CPU Value	Price
AMD Athlon II X2 4450e	1501	2015	NA	NA
AMD Athlon II X2 B24	1778	1870	44.52	\$39.95
CPU Name	Passmark CPU Mark	Rank	CPU Value	Price
(higher is better)	(higher is better)	(lower is better)	(higher is better)	(USD)
AMD Athlon II X2 B26	1906	1809	54.56	\$34.95

CPU Benchmarks ▼

AMD Athlon II X2 B28	2085	1727	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1760	18.70	\$107.43*
AMD Athlon II X3 405e	2000	1764	25.00	\$79.99*
AMD Athlon II X3 415e	2247	1662	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1641	19.68	\$116.15*
AMD Athlon II X3 425	2314	1628	85.74	\$26.99*
AMD Athlon II X3 425e	2239	1668	NA	NA
AMD Athlon II X3 435	2470	1574	82.38	\$29.99*
AMD Athlon II X3 440	2567	1536	95.12	\$26.99*
AMD Athlon II X3 445	2574	1534	28.29	\$91.00*
AMD Athlon II X3 450	2619	1517	68.93	\$38.01
AMD Athlon II X3 455	2765	1474	70.92	\$38.99*
AMD Athlon II X3 460	2864	1441	73.46	\$38.99*
AMD Athlon II X4 553	3814	1158	NA	NA
AMD Athlon II X4 555	3830	1154	NA	NA
AMD Athlon II X4 559	4125	1095	NA	NA
AMD Athlon II X4 600e	2465	1576	18.93	\$130.23*
AMD Athlon II X4 605e	2716	1490	26.69	\$101.80*
AMD Athlon II X4 610e	2793	1462	39.92	\$69.99*
AMD Athlon II X4 615e	2899	1431	49.15	\$59.00*
AMD Athlon II X4 620	2928	1416	48.86	\$59.95
AMD Athlon II X4 620e	2906	1424	NA	NA
AMD Athlon II X4 630	3131	1348	49.75	\$62.95
AMD Athlon II X4 631 Quad-Core	3151	1342	39.39	\$80.00*
AMD Athlon II X4 635	3234	1308	46.23	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1321	120.73	\$26.49*
AMD Athlon II X4 640	3314	1287	41.46	\$79.95
AMD Athlon II X4 641 Quad-Core	3343	1279	36.54	\$91.50*

<u>AMD Athlon II X4 645</u>	3466	1249	69.34	\$49.99*
CPU Name	Passmark	Rank	CPU Value	Price
<u>AMD Athlon II X4 650</u>	3126	(lower is better)	(higher is better)	(USD)
<u>AMD Athlon II X4 655</u>	2998	1390	NA	NA
<u>AMD Athlon II X4 6400e</u>	2594	1524	NA	NA
<u>AMD Athlon L110</u>	303	2775	NA	NA
<u>AMD Athlon LE-1600</u>	557	2522	26.57	\$21.00*

 CPU Benchmarks ▼

<u>AMD Athlon LE-1620</u>	578	2511	32.12	\$18.00*
<u>AMD Athlon LE-1640</u>	626	2484	NA	NA
<u>AMD Athlon LE-1660</u>	679	2462	NA	NA
<u>AMD Athlon MP</u>	230	2876	18.46	\$12.49
<u>AMD Athlon MP 1700+</u>	339	2736	NA	NA
<u>AMD Athlon MP 2400+</u>	436	2627	NA	NA
<u>AMD Athlon MP 2800+</u>	497	2561	NA	NA
<u>AMD Athlon Neo MV-40</u>	410	2650	NA	NA
<u>AMD Athlon Neo X2 Dual Core 6850e</u>	1002	2288	NA	NA
<u>AMD Athlon Neo X2 Dual Core L325</u>	776	2413	NA	NA
<u>AMD Athlon Neo X2 Dual Core L335</u>	828	2391	NA	NA
<u>AMD Athlon PRO 200GE</u>	5163	886	NA	NA
<u>AMD Athlon PRO 300GE</u>	5560	826	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon QI-46</u>	473	2586	NA	NA
<u>AMD Athlon TF-20</u>	413	2646	NA	NA
<u>AMD Athlon TF-36</u>	395	2673	NA	NA
<u>AMD Athlon X2 215</u>	1543	1994	NA	NA
<u>AMD Athlon X2 235e</u>	1806	1861	NA	NA
<u>AMD Athlon X2 240</u>	1602	1970	NA	NA
<u>AMD Athlon X2 240e</u>	1670	1932	NA	NA
<u>AMD Athlon X2 250</u>	1696	1918	NA	NA
<u>AMD Athlon X2 255</u>	1627	1958	NA	NA
<u>AMD Athlon X2 280</u>	2303	1636	68.77	\$33.49*
<u>AMD Athlon X2 340 Dual Core</u>	1932	1795	38.66	\$49.99*
<u>AMD Athlon X2 370K Dual Core</u>	2251	1660	NA	NA
<u>AMD Athlon X2 440</u>	1424	2049	NA	NA
<u>AMD Athlon X2 Dual Core 3250e</u>	778	2412	NA	NA

 CPU Benchmarks ▼

AMD Athlon X2 Dual Core 6850e CPU Name	Passmark 998 CPU Mark (higher is	Rank (lower is	QPR Value (higher is	Price (USD)
AMD Athlon X2 Dual Core BE-2350	1109	2225	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2165	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2148	NA	NA
AMD Athlon X2 Dual Core L310	645	2475	NA	NA

AMD Athlon X2 Dual Core LS-5800	1009	2281	NA	NA
AMD Athlon X3 425	2191	1686	NA	NA
AMD Athlon X3 435	2574	1535	26.96	\$95.49*
AMD Athlon X3 440	2078	1729	23.62	\$87.99*
AMD Athlon X3 445	2314	1627	NA	NA
AMD Athlon X3 455	2401	1598	NA	NA
AMD Athlon X4 605e	2505	1564	NA	NA
AMD Athlon X4 620	2861	1442	47.74	\$59.95
AMD Athlon X4 635	2891	1434	23.71	\$121.99*
AMD Athlon X4 640	3172	1329	NA	NA
AMD Athlon X4 740 Quad Core	4029	1110	14.55	\$277.00*
AMD Athlon X4 750 Quad Core	4551	1006	NA	NA
AMD Athlon X4 750K Quad Core	4273	1065	55.50	\$76.99*
AMD Athlon X4 760K Quad Core	4597	998	109.51	\$41.98*
AMD Athlon X4 830	4701	974	NA	NA
AMD Athlon X4 840	5069	900	64.38	\$78.74*
AMD Athlon X4 845	5408	847	101.80	\$53.13*
AMD Athlon X4 860K	5410	846	40.09	\$134.95*
AMD Athlon X4 870K	5320	867	66.52	\$79.99*
AMD Athlon X4 880K	5590	818	55.91	\$99.99*
AMD Athlon X4 950	5220	876	75.72	\$68.95
AMD Athlon XP1600+	281	2818	NA	NA
AMD Athlon XP1900+	353	2723	NA	NA
AMD Athlon XP2100+	287	2807	NA	NA
AMD Athlon XP2200+	401	2666	NA	NA
AMD Athlon XP2400+	374	2696	NA	NA
AMD Athlon XP 1500	282	2817	NA	NA
AMD Athlon XP 1500+	257	2847	NA	NA

 CPU Benchmarks ▼

<u>AMD Athlon XP 1600+</u>	267 Passmark	2837 Rank	NA CPU Value	NA Price
CPU Name	CPU Mark Passmark CPU (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon XP 1700</u>	344	2733	NA	NA
<u>AMD Athlon XP 1700+</u>	271	2833	4.43	\$61.25*
<u>AMD Athlon XP 1800+</u>	300	2782	5.10	\$58.95*
<u>AMD Athlon XP 1900+</u>	312	2766	NA	NA
<u>AMD Athlon XP 2000+</u>	299	2783	12.00	\$24.99*
<u>AMD Athlon XP 2100+</u>	323	2750	NA	NA
<u>AMD Athlon XP 2200+</u>	328	2749	3.87	\$84.95*
<u>AMD Athlon XP 2300+</u>	464	2594	NA	NA
<u>AMD Athlon XP 2400+</u>	360	2716	4.01	\$89.99*
<u>AMD Athlon XP 2500+</u>	355	2720	NA	NA
<u>AMD Athlon XP 2600+</u>	372	2700	16.18	\$23.03*
<u>AMD Athlon XP 2700+</u>	393	2677	4.64	\$84.79*
<u>AMD Athlon XP 2800+</u>	400	2668	NA	NA
<u>AMD Athlon XP 2900+</u>	424	2640	NA	NA
<u>AMD Athlon XP 3000+</u>	402	2664	5.06	\$79.70*
<u>AMD Athlon XP 3100+</u>	433	2631	NA	NA
<u>AMD Athlon XP 3200+</u>	432	2632	NA	NA
<u>AMD Athlon XP 3400+</u>	570	2517	NA	NA
<u>AMD Athlon XP Pro3+</u>	367	2707	NA	NA
<u>AMD Athlon XP-M</u>	541	2531	15.48	\$34.95*
<u>AMD C-30</u>	310	2768	NA	NA
<u>AMD C-50</u>	462	2596	NA	NA
<u>AMD C-60</u>	466	2590	NA	NA
<u>AMD C-60 APU</u>	545	2525	NA	NA
<u>AMD C-70 APU</u>	558	2521	NA	NA
<u>AMD E1 Micro-6200T APU</u>	960	2319	NA	NA
<u>AMD E1-1200 APU</u>	655	2472	NA	NA
<u>AMD E1-1500 APU</u>	687	2457	NA	NA
<u>AMD E1-2100 APU</u>	642	2479	NA	NA
<u>AMD E1-2200 APU</u>	767	2416	NA	NA
<u>AMD E1-2500 APU</u>	893	2363	NA	NA
<u>AMD E1-6010 APU</u>	868	2370	NA	NA

<u>AMD E1-6015 APU</u>	900	2359	NA	NA
CPU Name	Passmark CPU Mark	Rank	CPU Value	Price
	(higher is better)	(lower is better)	(higher is better)	(USD)
<u>AMD E1-6015 APU</u>	900	2359	NA	NA
<u>AMD E2-2000 APU</u>	825	2392	NA	NA
<u>AMD E2-3000 APU</u>	1140	2212	NA	NA
<u>AMD E2-3000M APU</u>	1093	2234	54.65	\$20.00*
<u>AMD E2-3200 APU</u>	1380	2070	172.79	\$7.99*

 **CPU Benchmarks** ▼

<u>AMD E2-3800 APU</u>	1645	1948	NA	NA
<u>AMD E2-6110 APU</u>	1917	1804	NA	NA
<u>AMD E2-7110 APU</u>	2291	1637	NA	NA
<u>AMD E2-9000</u>	1654	1945	NA	NA
<u>AMD E2-9000e</u>	1324	2099	NA	NA
<u>AMD E2-9010</u>	1705	1910	NA	NA
<u>AMD E2-9030</u>	1515	2010	NA	NA
<u>AMD E-240</u>	319	2756	NA	NA
<u>AMD E-300 APU</u>	610	2492	NA	NA
<u>AMD E-350</u>	745	2430	NA	NA
CPU Name	Passmark CPU Mark	Rank	CPU Value	Price
	(higher is better)	(lower is better)	(higher is better)	(USD)
<u>AMD E-350 APU</u>	759	2422	NA	NA
<u>AMD E-350D APU</u>	726	2437	NA	NA
<u>AMD E-450 APU</u>	765	2417	NA	NA
<u>AMD Embedded G-Series GX-215JJ Radeon R2E</u>	1758	1876	NA	NA
<u>AMD Embedded G-Series GX-224IJ Radeon R4E</u>	2088	1724	NA	NA
<u>AMD Embedded G-Series GX-420GI Radeon R7E</u>	2508	1560	NA	NA
<u>AMD Embedded R-Series RX-216GD</u>	2409	1595	NA	NA
<u>AMD Embedded R-Series RX-418GD Radeon R6</u>	5068	901	NA	NA
<u>AMD Embedded R-Series RX-421BD</u>	4635	987	NA	NA
<u>AMD EPYC 3201</u>	9634	404	NA	NA
<u>AMD EPYC 3251</u>	11882	269	37.72	\$315.00*
<u>AMD EPYC 7251</u>	11811	270	26.01	\$454.18
<u>AMD EPYC 7301</u>	14978	171	22.43	\$667.85
<u>AMD EPYC 7351</u>	18081	105	24.62	\$734.43
<u>AMD EPYC 7351P</u>	14887	173	11.30	\$1,317.00

 CPU Benchmarks ▼

AMD EPYC 7371 CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	APU Value (higher is better)	NA Price (USD)
AMD EPYC 7371	10972	50	9.12	\$2,000.00
AMD EPYC 7502P	23465	38	10.20	\$2,300.00*
AMD EPYC 7551	18483	96	13.15	\$1,405.98
AMD EPYC 7551P	18443	99	13.12	\$1,405.98

AMD EPYC 7571	20858	64	NA	NA
AMD EPYC 7702P	46067	2	10.41	\$4,425.00*
AMD EPYC 7742	47365	1	6.82	\$6,950.00*
AMD FirePro A320 APU	4540	1012	NA	NA
AMD FX-670K Quad-Core	4550	1008	NA	NA
AMD FX-770K Quad-Core	4814	955	NA	NA
AMD FX-870K Quad Core	5021	914	NA	NA
AMD FX-4100 Quad-Core	4075	1103	26.56	\$153.45*
AMD FX-4130 Quad-Core	4162	1086	54.78	\$75.99*
AMD FX-4150 Quad-Core	4594	999	NA	NA
AMD FX-4170 Quad-Core	4868	943	48.69	\$99.99*
AMD FX-4200 Quad-Core	4260	1069	18.67	\$228.21*
AMD FX-4300 Quad-Core	4694	976	42.70	\$109.95
AMD FX-4320	4997	919	NA	NA
AMD FX-4330	5328	863	NA	NA
AMD FX-4350 Quad-Core	5342	859	12.42	\$430.00
AMD FX-6100 Six-Core	5405	849	20.95	\$258.00*
AMD FX-6120 Six-Core	5749	800	NA	NA
AMD FX-6130 Six-Core	6215	744	NA	NA
AMD FX-6200 Six-Core	6107	757	17.97	\$339.95
AMD FX-6300 Six-Core	6407	728	25.52	\$251.08
AMD FX-6330 Six-Core	6954	673	NA	NA
AMD FX-6350 Six-Core	7020	664	78.02	\$89.99
AMD FX-7500 APU	3206	1318	NA	NA
AMD FX-7600P	4050	1106	NA	NA
AMD FX-7600P APU	4627	989	NA	NA
AMD FX-8100 Eight-Core	5964	771	42.00	\$142.00*
AMD FX-8120 Eight-Core	6640	707	29.81	\$222.73*

Passmark CPU

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8150 Eight-Core	7657	607	64.37	\$118.95
AMD FX-8300 Eight-Core	7768	595	64.74	\$119.99*
AMD FX-8310 Eight-Core	7735	597	NA	NA
AMD FX-8320 Eight-Core	8037	559	62.79	\$128.01
AMD FX-8320E Eight-Core	7575	614	31.67	\$239.24
AMD FX-8350 Eight-Core	8956	475	45.24	\$198.00
AMD FX-8370 Eight-Core	9048	461	41.13	\$220.00*
AMD FX-8370E Eight-Core	7864	580	24.57	\$320.09
AMD FX-8800P	4135	1092	NA	NA
AMD FX-9370 Eight-Core	9460	419	52.56	\$179.99
AMD FX-9590 Eight-Core	10189	346	50.96	\$199.95
AMD FX-9800P	3967	1122	NA	NA
AMD FX-9830P	4783	960	NA	NA
AMD FX-B4150 Quad-Core	4611	994	NA	NA
AMD G-T40E	467	2589	NA	NA
AMD G-T40N	516	2548	NA	NA
AMD G-T40R	203	2903	NA	NA
AMD G-T44R	229	2877	NA	NA
AMD G-T48E	667	2467	NA	NA
AMD G-T52R	308	2770	NA	NA
AMD G-T56E	751	2425	NA	NA
AMD G-T56N	796	2407	NA	NA
AMD Geode NX	264	2840	NA	NA
AMD Geode NX 1750	291	2796	NA	NA
AMD GX-210JA SOC	401	2667	NA	NA
AMD GX-212JC SOC	744	2431	NA	NA
AMD GX-217GA SOC	1107	2229	NA	NA
AMD GX-218GL SOC	1207	2169	NA	NA
AMD GX-222GC SOC	1255	2144	NA	NA
AMD GX-412HC	1497	2020	NA	NA
AMD GX-415GA SOC	1944	1789	NA	NA
AMD GX-420CA SOC	2412	1594	NA	NA

<u>AMD GX-424CC SOC</u>	2491 Passmark CPU Mark (higher is better)	1568 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
<u>AMD Opteron 142</u>	428	2636	NA	NA
<u>AMD Opteron 144</u>	486	2571	7.48	\$65.00*
<u>AMD Opteron 146</u>	532	2534	8.87	\$59.99*
<u>AMD Opteron 148</u>	603	2497	NA	NA

 CPU Benchmarks ▼

<u>AMD Opteron 150</u>	604	2495	NA	NA
<u>AMD Opteron 152</u>	658	2469	NA	NA
<u>AMD Opteron 154</u>	703	2450	NA	NA
<u>AMD Opteron 165</u>	899	2361	1.63	\$550.00
<u>AMD Opteron 170</u>	1097	2231	NA	NA
<u>AMD Opteron 175</u>	1167	2195	NA	NA
<u>AMD Opteron 180</u>	1236	2155	9.51	\$129.95*
<u>AMD Opteron 185</u>	1342	2090	NA	NA
<u>AMD Opteron 246</u>	632	2483	31.62	\$19.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Opteron 248</u>	476	2583	4.77	\$99.95
<u>AMD Opteron 250</u>	649	2473	59.01	\$11.00*
<u>AMD Opteron 252</u>	760	2421	12.00	\$63.36*
<u>AMD Opteron 254</u>	693	2454	NA	NA
<u>AMD Opteron 256</u>	963	2314	50.72	\$19.00*
<u>AMD Opteron 265</u>	963	2315	13.20	\$73.00
<u>AMD Opteron 270</u>	1170	2192	1.93	\$607.47*
<u>AMD Opteron 275</u>	1291	2118	15.74	\$82.05*
<u>AMD Opteron 280</u>	1176	2186	1.48	\$796.67*
<u>AMD Opteron 285</u>	1470	2031	18.39	\$79.95
<u>AMD Opteron 290</u>	1464	2033	10.85	\$135.00*
<u>AMD Opteron 1210</u>	923	2346	NA	NA
<u>AMD Opteron 1210 HE</u>	971	2309	NA	NA
<u>AMD Opteron 1212</u>	1009	2282	3.48	\$290.00*
<u>AMD Opteron 1212 HE</u>	1308	2107	NA	NA
<u>AMD Opteron 1214</u>	1191	2179	4.11	\$290.00*
<u>AMD Opteron 1214 HE</u>	1299	2112	NA	NA
<u>AMD Opteron 1216</u>	1311	2105	23.91	\$54.85*

 CPU Benchmarks ▼

AMD Opteron 1216 HE CPU Name	Passmark 1172 CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1218 HE	1444	2041	NA	NA
AMD Opteron 1220	1653	1946	NA	NA
AMD Opteron 1222	1757	1878	NA	NA
AMD Opteron 1352	2316	1626	17.04	\$135.99*

AMD Opteron 1354	2630	1514	19.49	\$135.00*
AMD Opteron 1356	2765	1473	30.73	\$89.99*
AMD Opteron 1381	3065	1370	NA	NA
AMD Opteron 2212	1270	2138	63.53	\$20.00*
AMD Opteron 2214	1358	2084	46.85	\$29.00*
AMD Opteron 2214 HE	1415	2053	NA	NA
AMD Opteron 2216	1518	2007	58.84	\$25.80
AMD Opteron 2218	1594	1977	19.94	\$79.95
AMD Opteron 2220	1701	1913	21.29	\$79.95
AMD Opteron 2220 SE	1398	2058	55.92	\$25.00*
AMD Opteron 2222	1843	1841	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1801	NA	NA
AMD Opteron 2350	2820	1453	35.28	\$79.95*
AMD Opteron 2354	2450	1582	7.38	\$332.03*
AMD Opteron 2356	2814	1456	54.12	\$52.00*
AMD Opteron 2373 EE	2789	1467	NA	NA
AMD Opteron 2374 HE	2951	1405	15.53	\$189.99*
AMD Opteron 2376	2283	1642	13.69	\$166.81*
AMD Opteron 2378	3179	1327	17.76	\$179.00*
AMD Opteron 2380	2640	1511	58.69	\$45.00
AMD Opteron 2384	3538	1226	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1227	NA	NA
AMD Opteron 2393 SE	2246	1663	NA	NA
AMD Opteron 2427	3069	1368	38.39	\$79.95
AMD Opteron 2431	4516	1015	112.91	\$40.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2435	4708	973	24.91	\$189.00*
AMD Opteron 3250 HE	2942	1409	29.73	\$99.00*

 CPU Benchmarks ▼

AMD Opteron 3260 HE CPU Name	Passmark 3259 CPU Mark (higher is	Rank 1300 (lower is	QFU Value (higher is	Price (USD)
AMD Opteron 3320 EE	2675	1500	NA	NA
AMD Opteron 3350 HE	4105	1098	NA	NA
AMD Opteron 3365	6088	765	NA	NA
AMD Opteron 3380	6384	730	7.89	\$809.00*
AMD Opteron 4122	2942	1410	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1332	NA	NA
AMD Opteron 4170 HE	3664	1199	62.11	\$59.00*
AMD Opteron 4184	4418	1037	8.50	\$519.95*
AMD Opteron 4280	6430	725	128.60	\$50.00*
AMD Opteron 4284	6660	704	111.03	\$59.99*
AMD Opteron 4332 HE	5614	814	NA	NA
AMD Opteron 4334	6099	760	28.18	\$216.42*
AMD Opteron 4365 EE	5025	912	NA	NA
AMD Opteron 4386	6761	691	48.30	\$139.99*
AMD Opteron 6128	4505	1018	225.37	\$19.99
AMD Opteron 6134	2938	1411	66.81	\$43.99*
AMD Opteron 6136	4631	988	42.10	\$110.00*
AMD Opteron 6164 HE	5351	858	NA	NA
AMD Opteron 6172	5261	870	26.57	\$198.00
AMD Opteron 6174	6171	748	77.19	\$79.95
AMD Opteron 6176 SE	5465	840	34.37	\$159.00*
AMD Opteron 6212	5776	794	192.62	\$29.99*
AMD Opteron 6220	6785	687	113.11	\$59.99*
AMD Opteron 6234	5938	775	198.27	\$29.95*
AMD Opteron 6238	7673	604	21.32	\$359.89*
AMD Opteron 6272	6748	694	84.41	\$79.95
AMD Opteron 6274	4865	945	108.15	\$44.99
AMD Opteron 6276	8889	486	52.60	\$169.00
AMD Opteron 6282 SE	9116	451	14.24	\$640.00
AMD Opteron 6287 SE	9789	388	NA	NA
AMD Opteron 6328	7813	588	21.76	\$359.00
AMD Opteron 6366 HE	7503	619	250.19	\$29.99*

AMD Opteron 6376	9212	443	141.72	\$65.00
CPU Name	Passmark	Rank	CPU Value	Price
AMD Opteron 6378	10912	(lower is better)	(higher is better)	(USD)
AMD Opteron 6386 SE	10912	302	75.26	\$144.99
AMD Opteron 8354	2255	1659	93.98	\$24.00
AMD Opteron 8439 SE	3813	1159	63.56	\$60.00*
AMD Opteron X2170 APU	3059	1371	NA	NA

CPU Benchmarks ▼

AMD Opteron X3216 APU	2366	1614	NA	NA
AMD Opteron X3418 APU	4659	980	NA	NA
AMD Opteron X3421 APU	4886	940	NA	NA
AMD Phenom 2 X4 12000	3005	1387	NA	NA
AMD Phenom 7950 Quad-Core	2991	1392	NA	NA
AMD Phenom 8250 Triple-Core	1668	1933	NA	NA
CPU Name	Passmark CPU Mark	Rank	CPU Value	Price
	(higher is better)	(lower is better)	(higher is better)	(USD)
AMD Phenom 8250e Triple-Core	1635	1953	34.81	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1956	NA	NA
AMD Phenom 8450 Triple-Core	1890	1820	63.11	\$29.95*
AMD Phenom 8450e Triple-Core	2026	1753	NA	NA
AMD Phenom 8600 Triple-Core	1673	1928	31.57	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1799	36.33	\$52.99*
AMD Phenom 8650 Triple-Core	1986	1768	39.73	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1743	NA	NA
AMD Phenom 8750B Triple-Core	2034	1748	NA	NA
AMD Phenom 8850 Triple-Core	1968	1777	NA	NA
AMD Phenom 8850B Triple-Core	2080	1728	NA	NA
AMD Phenom 9100e Quad-Core	1833	1850	45.89	\$39.95*
AMD Phenom 9150e Quad-Core	2114	1713	52.92	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1624	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1522	24.76	\$105.00*
AMD Phenom 9500 Quad-Core	2203	1681	75.99	\$28.99*
AMD Phenom 9550 Quad-Core	2544	1545	87.77	\$28.99*
AMD Phenom 9600 Quad-Core	2303	1635	46.11	\$49.95*
AMD Phenom 9600B Quad-Core	2575	1533	17.50	\$147.19*
AMD Phenom 9650 Quad-Core	2635	1512	58.63	\$44.95*
AMD Phenom 9750 Quad-Core	2810	1458	95.32	\$29.49*

 CPU Benchmarks ▼

AMD Phenom 9750B Quad-Core CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9850B Quad-Core	3160	1337	NA	NA
AMD Phenom 9950 Quad-Core	3008	1385	22.29	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1555	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1407	NA	NA

AMD Phenom FX-7750 Quad-Core	3616	1205	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1243	NA	NA
AMD Phenom II N620 Dual-Core	1684	1922	422.27	\$3.99*
AMD Phenom II N640 Dual-Core	1721	1895	26.51	\$64.95*
AMD Phenom II N660 Dual-Core	1844	1839	18.64	\$99.00*
AMD Phenom II N830 3+1	2652	1507	NA	NA
AMD Phenom II N830 Triple-Core	1890	1819	NA	NA
AMD Phenom II N850 Triple-Core	1937	1791	77.51	\$25.00*
AMD Phenom II N870 Triple-Core	2000	1763	NA	NA
AMD Phenom II N930 Quad-Core	2274	1647	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1572	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2515	1557	16.77	\$149.99*
AMD Phenom II P650 Dual-Core	1579	1980	45.12	\$35.00*
AMD Phenom II P820 Triple-Core	1602	1971	NA	NA
AMD Phenom II P840 Triple-Core	1709	1905	NA	NA
AMD Phenom II P860 Triple-Core	1756	1880	NA	NA
AMD Phenom II P920 Quad-Core	1866	1830	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1831	1851	NA	NA
AMD Phenom II P960 Quad-Core	2086	1725	74.51	\$28.00*
AMD Phenom II X2 511	2104	1718	NA	NA
AMD Phenom II X2 521	2071	1732	NA	NA
AMD Phenom II X2 545	1918	1802	43.62	\$43.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X2 550	2022	1754	40.46	\$49.99*
AMD Phenom II X2 555	2042	1745	72.99	\$27.98*
AMD Phenom II X2 560	2062	1738	31.73	\$64.99*
AMD Phenom II X2 565	2225	1673	10.60	\$209.95
AMD Phenom II X2 570	2068	1736	NA	NA

 CPU Benchmarks ▼

AMD Phenom II X2 B53 CPU Name	Passmark 1709 CPU Mark (higher is	Rank 1306 (lower is	GPU Value (higher is	Price (USD)
AMD Phenom II X2 B57	1823	1854	NA	NA
AMD Phenom II X2 B59	2124	1710	48.25	\$44.04
AMD Phenom II X3 700e	2242	1666	NA	NA
AMD Phenom II X3 705e	2227	1671	14.63	\$152.34*
AMD Phenom II X3 710	2448	1583	28.97	\$84.53*
AMD Phenom II X3 715	2649	1509	31.17	\$84.99*
AMD Phenom II X3 720	2666	1503	38.10	\$69.99*
AMD Phenom II X3 740	2985	1394	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1485	36.47	\$75.00*
AMD Phenom II X3 B75	2897	1432	72.45	\$39.99*
AMD Phenom II X3 B77	3067	1369	137.64	\$22.29*
AMD Phenom II X4 805	2998	1389	17.23	\$173.99*
AMD Phenom II X4 810	3121	1352	26.91	\$115.99*
AMD Phenom II X4 820	3396	1263	45.32	\$74.95*
AMD Phenom II X4 830	3434	1256	42.95	\$79.95*
AMD Phenom II X4 840	3509	1239	39.01	\$89.95*
AMD Phenom II X4 840T	3597	1211	51.41	\$69.99*
AMD Phenom II X4 850	3550	1221	54.64	\$64.99*
AMD Phenom II X4 900e	2882	1439	NA	NA
AMD Phenom II X4 905e	3080	1365	57.06	\$53.99*
AMD Phenom II X4 910	3247	1304	32.48	\$100.00*
AMD Phenom II X4 910e	3254	1302	20.73	\$156.99*
AMD Phenom II X4 920	3389	1266	42.37	\$79.99*
AMD Phenom II X4 925	3411	1258	77.56	\$43.99*
AMD Phenom II X4 940	3591	1213	60.52	\$59.34*
AMD Phenom II X4 945	3652	1202	56.24	\$64.95
AMD Phenom II X4 955	3917	1140	30.10	\$130.16*
AMD Phenom II X4 960T	3774	1166	8.05	\$469.00
AMD Phenom II X4 965	4178	1084	24.72	\$169.01
AMD Phenom II X4 970	4316	1060	29.14	\$148.11*
AMD Phenom II X4 973	3759	1173	NA	NA
AMD Phenom II X4 975	4453	1028	31.88	\$139.69*

<u>AMD Phenom II X4 977</u>	3750	1176	NA	NA
CPU Name	Passmark CPU Mark	Rank	CPU Value	Price
<u>AMD Phenom II X4 980</u>	4120	1077	10.57	\$189.00*
<u>AMD Phenom II X4 B05e</u>	2792	1464	NA	NA
<u>AMD Phenom II X4 B15e</u>	2736	1483	NA	NA
<u>AMD Phenom II X4 B25</u>	3297	1292	NA	NA
<u>AMD Phenom II X4 B35</u>	3387	1267	NA	NA

 CPU Benchmarks ▼

<u>AMD Phenom II X4 B40</u>	3352	1275	NA	NA
<u>AMD Phenom II X4 B45</u>	3469	1248	NA	NA
<u>AMD Phenom II X4 B50</u>	3696	1190	NA	NA
CPU Name	Passmark CPU Mark	Rank	CPU Value	Price
	(higher is better)	(lower is better)	(higher is better)	(USD)
<u>AMD Phenom II X4 B55</u>	3853	1147	NA	NA
<u>AMD Phenom II X4 B60</u>	4032	1109	NA	NA
<u>AMD Phenom II X4 B65</u>	4172	1085	NA	NA
<u>AMD Phenom II X4 B70</u>	4261	1068	NA	NA
<u>AMD Phenom II X4 B93</u>	3345	1277	NA	NA
<u>AMD Phenom II X4 B95</u>	3677	1194	50.40	\$72.95*
<u>AMD Phenom II X4 B97</u>	3868	1143	67.87	\$56.99*
<u>AMD Phenom II X4 B99</u>	4126	1094	NA	NA
<u>AMD Phenom II X6 1035T</u>	4665	979	24.68	\$189.00*
<u>AMD Phenom II X6 1045T</u>	4800	959	44.45	\$108.01*
<u>AMD Phenom II X6 1055T</u>	4966	927	45.55	\$109.03*
<u>AMD Phenom II X6 1065T</u>	5029	911	NA	NA
<u>AMD Phenom II X6 1075T</u>	5329	862	47.16	\$112.99*
<u>AMD Phenom II X6 1090T</u>	5562	825	36.11	\$154.04
<u>AMD Phenom II X6 1100T</u>	5708	803	32.16	\$177.49*
<u>AMD Phenom II X6 1405T</u>	5042	909	NA	NA
<u>AMD Phenom II X620 Dual-Core</u>	2189	1687	NA	NA
<u>AMD Phenom II X640 Dual-Core</u>	2021	1755	NA	NA
<u>AMD Phenom II X920 Quad-Core</u>	2650	1508	NA	NA
<u>AMD Phenom II X940 Quad-Core</u>	2695	1494	NA	NA
<u>AMD Phenom Ultra X4 24500</u>	3945	1132	NA	NA
<u>AMD Phenom X2 Dual-Core GE-4060</u>	1697	1916	NA	NA
<u>AMD Phenom X2 Dual-Core GE-5560</u>	2206	1680	NA	NA
<u>AMD Phenom X2 Dual-Core GE-7060</u>	1752	1884	NA	NA

 CPU Benchmarks ▼

<u>AMD Phenom X2 Dual-Core GP-5000</u> CPU Name	Passmark 1180 CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Phenom X3 8550</u>	1931	1797	11.36	\$169.95*
<u>AMD Phenom X4 Quad-Core GP-9500</u>	1757	1877	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9530</u>	1994	1765	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9600</u>	2235	1669	NA	NA

<u>AMD Phenom X4 Quad-Core GP-9730</u>	2897	1433	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9830</u>	2715	1491	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9930</u>	2690	1496	NA	NA
<u>AMD Phenom X4 Quad-Core GS-5560</u>	1211	2166	NA	NA
<u>AMD PRO A4-3350B APU</u>	2274	1648	NA	NA
<u>AMD PRO A4-8350B</u>	2776	1469	NA	NA
<u>AMD PRO A6-7350B</u>	2759	1476	NA	NA
<u>AMD PRO A6-8500B</u>	2516	1556	NA	NA
<u>AMD PRO A6-8530B</u>	2388	1604	NA	NA
<u>AMD PRO A6-8550B</u>	2970	1400	NA	NA
<u>AMD PRO A6-8570</u>	3049	1377	NA	NA
<u>AMD PRO A6-8570E</u>	2824	1452	NA	NA
<u>AMD PRO A6-9500</u>	2950	1406	39.88	\$74.00*
<u>AMD PRO A6-9500B</u>	2076	1730	NA	NA
<u>AMD PRO A6-9500E</u>	2717	1488	36.73	\$74.00*
<u>AMD PRO A8-8600B</u>	3512	1238	NA	NA
<u>AMD PRO A8-8650B</u>	5223	875	NA	NA
<u>AMD PRO A8-8670E</u>	5015	916	NA	NA
<u>AMD PRO A8-9600</u>	5277	868	44.35	\$119.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD PRO A8-9600B</u>	3964	1125	NA	NA
<u>AMD PRO A10-8700B</u>	3554	1220	NA	NA
<u>AMD PRO A10-8730B</u>	3962	1127	NA	NA
<u>AMD PRO A10-8750B</u>	5473	837	NA	NA
<u>AMD PRO A10-8770</u>	5707	804	NA	NA
<u>AMD PRO A10-8770E</u>	5035	910	NA	NA
<u>AMD PRO A10-8850B</u>	5852	783	NA	NA
<u>AMD PRO A10-9700</u>	5599	817	33.13	\$169.00*

 CPU Benchmarks ▼

AMD PRO A10-9700B CPU Name	Passmark 4380 CPU Mark (higher is	Rank 1045 (lower is	GPU Value (higher is	Price (USD)
AMD PRO A12-8800B	4111	1096	NA	NA
AMD PRO A12-8830B	4259	1070	NA	NA
AMD PRO A12-8870	6067	766	NA	NA
AMD PRO A12-8870E	5186	884	NA	NA

AMD PRO A12-9800	6132	754	36.29	\$169.00*
AMD PRO A12-9800B	4095	1100	NA	NA
AMD PRO A12-9800E	4769	963	28.22	\$169.00*
AMD QC-4000	1663	1940	NA	NA
AMD R-260H APU	1576	1981	NA	NA
AMD R-460L APU	1954	1783	NA	NA
AMD R-464L APU	3117	1354	NA	NA
AMD RX-427BB	4364	1047	NA	NA
AMD Ryzen 3 1200	6797	686	115.23	\$58.99
AMD Ryzen 3 1300X	7551	616	59.06	\$127.85
AMD Ryzen 3 2200G	7329	637	93.38	\$78.49
AMD Ryzen 3 2200GE	6976	669	NA	NA
AMD Ryzen 3 2200U	4584	1001	NA	NA
AMD Ryzen 3 2300U	6104	758	NA	NA
AMD Ryzen 3 2300X	8367	529	NA	NA
AMD Ryzen 3 3200G	7978	571	89.68	\$88.97
AMD Ryzen 3 3200U	4736	970	NA	NA
AMD Ryzen 3 3300U	6143	752	NA	NA
AMD Ryzen 3 PRO 1200	7075	660	NA	NA
AMD Ryzen 3 PRO 1300	7994	564	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	893	NA	NA
AMD Ryzen 3 PRO 2200G	7904	577	NA	NA
AMD Ryzen 3 PRO 2200GE	7550	617	NA	NA
AMD Ryzen 3 PRO 2300U	7092	659	NA	NA
AMD Ryzen 3 PRO 3200G	8316	535	NA	NA
AMD Ryzen 3 PRO 3200GE	8240	540	NA	NA
AMD Ryzen 3 PRO 3300U	6888	681	NA	NA
AMD Ryzen 5 1400	8358	532	62.08	\$134.63

AMD Ryzen 5 1500X	10111	355	72.66	\$139.16
CPU Name	Passmark	Rank	CPU Value	Price
AMD Ryzen 5 1600	13200	(lower is better)	(higher is better)	(USD)
AMD Ryzen 5 2400G	9322	431	78.67	\$118.50
AMD Ryzen 5 2400GE	8957	474	NA	NA
AMD Ryzen 5 2500U	7349	635	NA	NA
AMD Ryzen 5 2500X	9704	399	NA	NA

CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 2600	13522	214	114.91	\$117.68
AMD Ryzen 5 2600H	8366	530	NA	NA
AMD Ryzen 5 2600X	14365	186	96.41	\$149.00
AMD Ryzen 5 3400G	9985	370	69.17	\$144.35
AMD Ryzen 5 3500U	7943	574	NA	NA
AMD Ryzen 5 3550H	8400	528	NA	NA
AMD Ryzen 5 3580U	7667	606	NA	NA
AMD Ryzen 5 3600	19917	74	102.20	\$194.89
AMD Ryzen 5 3600X	20503	65	83.95	\$244.25
AMD Ryzen 5 PRO 1500	10133	351	NA	NA
AMD Ryzen 5 PRO 1600	12213	260	NA	NA
AMD Ryzen 5 PRO 2400G	9990	368	NA	NA
AMD Ryzen 5 PRO 2400GE	8450	521	NA	NA
AMD Ryzen 5 PRO 2500U	8213	542	NA	NA
AMD Ryzen 5 PRO 2600	14221	191	NA	NA
AMD Ryzen 5 PRO 3400G	10615	321	NA	NA
AMD Ryzen 5 PRO 3400GE	10300	336	NA	NA
AMD Ryzen 5 PRO 3500U	8466	519	NA	NA
AMD Ryzen 5 PRO 3600	21617	55	NA	NA
AMD Ryzen 7 1700	13930	198	77.40	\$179.99
AMD Ryzen 7 1700X	14814	175	86.64	\$171.00
AMD Ryzen 7 1800X	15537	156	59.76	\$259.99
AMD Ryzen 7 2700	15089	167	88.77	\$169.99
AMD Ryzen 7 2700E	13410	220	NA	NA
AMD Ryzen 7 2700U	7411	632	NA	NA
AMD Ryzen 7 2700X	16972	119	84.87	\$199.99
AMD Ryzen 7 2800H	8498	517	NA	NA

 CPU Benchmarks ▼

AMD Ryzen 7 3700U CPU Name	Passmark 8024 CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 3750H	8981	468	NA	NA
AMD Ryzen 7 3800X	24558	30	66.38	\$369.99
AMD Ryzen 7 PRO 1700	14112	192	NA	NA
AMD Ryzen 7 PRO 1700X	15324	162	NA	NA

AMD Ryzen 7 PRO 2700	15406	161	NA	NA
AMD Ryzen 7 PRO 2700U	8893	485	NA	NA
AMD Ryzen 7 PRO 2700X	17161	115	NA	NA
AMD Ryzen 7 PRO 3700	25748	21	NA	NA
AMD Ryzen 7 PRO 3700U	8672	505	NA	NA
AMD Ryzen 9 3900	30679	7	NA	NA
AMD Ryzen 9 3900X	31858	5	59.11	\$539.00
AMD Ryzen 9 PRO 3900	33303	4	NA	NA
AMD Ryzen Embedded R1505G	4555	1005	NA	NA
AMD Ryzen Embedded V1202B	4447	1030	NA	NA
AMD Ryzen Embedded V1605B	7140	654	NA	NA
AMD Ryzen Embedded V1756B	8559	513	NA	NA
AMD Ryzen Embedded V1807B	8528	515	NA	NA
AMD Ryzen Threadripper 1900X	16076	142	76.56	\$209.99
AMD Ryzen Threadripper 1920X	20034	72	95.41	\$209.99
AMD Ryzen Threadripper 1950X	21937	49	44.77	\$489.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Threadripper 2920X	22100	47	59.73	\$369.99
AMD Ryzen Threadripper 2950X	25387	23	37.34	\$679.99
AMD Ryzen Threadripper 2970WX	21757	53	23.78	\$914.99
AMD Ryzen Threadripper 2990WX	23167	41	14.05	\$1,649.00
AMD Ryzen Threadripper 2990X	19227	91	NA	NA
AMD Sempron 130	700	2451	28.03	\$24.99*
AMD Sempron 140	739	2433	18.67	\$39.59*
AMD Sempron 145	807	2404	8.51	\$94.92
AMD Sempron 150	747	2427	16.64	\$44.95*
AMD Sempron 200U	267	2836	3.08	\$87.00*
AMD Sempron 210U	391	2683	NA	NA

 CPU Benchmarks ▼

AMD Sempron 240 CPU Name	Passmark CPU Mark (higher is	Rank (lower is	GPU Value (higher is	Price (USD)
AMD Sempron 2200+	282	2816	9.42	\$29.99*
AMD Sempron 2300+	318	2757	7.07	\$45.00*
AMD Sempron 2400+	314	2764	12.10	\$26.00*
AMD Sempron 2500+	335	2739	6.11	\$54.95*
AMD Sempron 2600+	374	2695	10.71	\$34.95
AMD Sempron 2650 APU	951	2325	14.65	\$64.95
AMD Sempron 2800+	383	2687	6.40	\$59.95
AMD Sempron 3000+	408	2653	20.41	\$20.00
AMD Sempron 3100+	452	2607	7.53	\$60.00*
AMD Sempron 3200+	406	2655	3.10	\$131.22*
AMD Sempron 3300+	484	2576	8.07	\$60.00
AMD Sempron 3400+	454	2605	15.21	\$29.89
AMD Sempron 3500+	379	2690	18.98	\$20.00*
AMD Sempron 3600+	483	2578	40.30	\$12.00*
AMD Sempron 3800+	554	2523	3.62	\$152.92*
AMD Sempron 3850 APU	1715	1900	19.87	\$86.34
AMD Sempron Dual Core 2100	936	2338	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2294	NA	NA
AMD Sempron Dual Core 2300	982	2302	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2328	NA	NA
AMD Sempron Dual Core 4900	1081	2245	NA	NA
AMD Sempron LE-250	490	2565	NA	NA
AMD Sempron LE-1100	438	2624	NA	NA
AMD Sempron LE-1150	444	2617	NA	NA
AMD Sempron LE-1200	527	2537	NA	NA
AMD Sempron LE-1250	543	2528	5.44	\$99.95*
AMD Sempron LE-1300	595	2500	28.37	\$21.00
AMD Sempron LE-1600	535	2533	NA	NA
AMD Sempron LE-1620	635	2481	NA	NA
AMD Sempron LE-1640	759	2423	NA	NA
AMD Sempron M100	566	2519	47.17	\$12.00*
AMD Sempron M120	582	2508	NA	NA

<u>AMD Sempron SI-40</u>	447	2614	37.27	\$12.00*
CPU Name	Passmark CPU Mark	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Sempron SI-40</u>	447	2614	37.27	\$12.00*
<u>AMD Sempron X2 190</u>	1534	1999	18.39	\$83.44*
<u>AMD Sempron X2 198 Dual-Core</u>	1413	2054	NA	NA

CPU Benchmarks ▼

<u>AMD Turion 64 Mobile MK-36</u>	465	2591	NA	NA
<u>AMD Turion 64 Mobile MK-38</u>	513	2549	NA	NA
<u>AMD Turion 64 Mobile ML-28</u>	390	2684	NA	NA
<u>AMD Turion 64 Mobile ML-30</u>	402	2665	NA	NA
<u>AMD Turion 64 Mobile ML-32</u>	402	2663	NA	NA
<u>AMD Turion 64 Mobile ML-34</u>	425	2639	NA	NA
<u>AMD Turion 64 Mobile ML-37</u>	446	2615	2.27	\$196.50*
<u>AMD Turion 64 Mobile ML-40</u>	522	2543	NA	NA
<u>AMD Turion 64 Mobile ML-42</u>	615	2490	NA	NA
<u>AMD Turion 64 Mobile ML-44</u>	591	2501	NA	NA
<u>AMD Turion 64 Mobile MT-28</u>	419	2642	NA	NA
<u>AMD Turion 64 Mobile MT-30</u>	378	2691	NA	NA
<u>AMD Turion 64 Mobile MT-32</u>	426	2638	NA	NA
<u>AMD Turion 64 Mobile MT-34</u>	429	2634	NA	NA
<u>AMD Turion 64 Mobile MT-37</u>	484	2575	NA	NA
<u>AMD Turion 64 Mobile MT-40</u>	536	2532	NA	NA
<u>AMD Turion 64 X2 Mobile TL-50</u>	747	2429	14.95	\$49.99*
<u>AMD Turion 64 X2 Mobile TL-52</u>	763	2418	NA	NA
<u>AMD Turion 64 X2 Mobile TL-56</u>	891	2364	63.89	\$13.95*
<u>AMD Turion 64 X2 Mobile TL-58</u>	947	2332	NA	NA
<u>AMD Turion 64 X2 Mobile TL-60</u>	996	2293	62.51	\$15.95*
<u>AMD Turion 64 X2 Mobile TL-62</u>	1087	2237	3.50	\$311.00*
<u>AMD Turion 64 X2 Mobile TL-64</u>	1090	2236	27.69	\$39.39*
<u>AMD Turion 64 X2 Mobile TL-66</u>	1141	2210	3.02	\$378.00*
<u>AMD Turion 64 X2 Mobile TL-68</u>	1162	2197	12.92	\$90.00*
<u>AMD Turion Dual-Core RM-70</u>	912	2354	36.49	\$25.00*
<u>AMD Turion Dual-Core RM-72</u>	860	2373	21.52	\$39.99*
<u>AMD Turion Dual-Core RM-74</u>	1016	2278	NA	NA

<u>AMD Turion Dual-Core RM-75</u>	1003	2287	36.53	\$27.46*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Turion II Dual-Core Mobile M500</u>	1338	2093	NA	NA
<u>AMD Turion II Dual-Core Mobile M540</u>	1338	2093	NA	NA
<u>AMD Turion II N530 Dual-Core</u>	1567	1985	52.24	\$30.00*
<u>AMD Turion II N550 Dual-Core</u>	1521	2002	NA	NA
<u>AMD Turion II Neo K625 Dual-Core</u>	977	2304	NA	NA

CPU Benchmarks ▼

<u>AMD Turion II Neo K685 Dual-Core</u>	1186	2182	NA	NA
<u>AMD Turion II Neo N40L Dual-Core</u>	930	2341	NA	NA
<u>AMD Turion II Neo N54L Dual-Core</u>	1364	2076	NA	NA
<u>AMD Turion II P520 Dual-Core</u>	1360	2080	NA	NA
<u>AMD Turion II P540 Dual-Core</u>	1432	2046	28.67	\$49.95*
<u>AMD Turion II P560 Dual-Core</u>	1515	2009	NA	NA
<u>AMD Turion II Ultra Dual-Core Mobile M600</u>	1406	2056	52.55	\$26.76
<u>AMD Turion II Ultra Dual-Core Mobile M620</u>	1435	2044	NA	NA
<u>AMD Turion II Ultra Dual-Core Mobile M640</u>	1670	1931	NA	NA
<u>AMD Turion II Ultra Dual-Core Mobile M660</u>	1533	2000	NA	NA
<u>AMD Turion Neo X2 Dual Core L625</u>	813	2400	NA	NA
<u>AMD Turion X2 Dual Core L510</u>	923	2347	NA	NA
<u>AMD Turion X2 Dual Core Mobile RM-70</u>	858	2376	6.48	\$132.56*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Turion X2 Dual Core Mobile RM-76</u>	1059	2254	NA	NA
<u>AMD Turion X2 Dual-Core Mobile RM-70</u>	994	2298	NA	NA
<u>AMD Turion X2 Dual-Core Mobile RM-72</u>	1085	2241	4.84	\$224.26*
<u>AMD Turion X2 Dual-Core Mobile RM-74</u>	1059	2253	43.31	\$24.47*
<u>AMD Turion X2 Dual-Core Mobile RM-75</u>	1120	2215	NA	NA
<u>AMD Turion X2 Dual-Core Mobile RM-77</u>	1149	2205	NA	NA
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-80</u>	1023	2271	16.51	\$62.00*
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-82</u>	1084	2243	NA	NA
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-84</u>	1209	2168	63.72	\$18.99*
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-85</u>	1234	2156	27.43	\$45.00*

 CPU Benchmarks ▼

<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-86</u> CPU Name	PassMark CPU Mark (higher is better)	2115 Rank (lower is better)	23.56 CPU Value (higher is better)	\$55.00* Price (USD)
<u>AMD TurionX2 Dual Core Mobile RM-70</u>	997	2292	NA	NA
<u>AMD TurionX2 Dual Core Mobile RM-72</u>	1026	2268	NA	NA
<u>AMD TurionX2 Ultra DualCore Mobile ZM-85</u>	1454	2036	NA	NA
<u>AMD V105</u>	299	2784	NA	NA
<u>AMD V120</u>	623	2488	NA	NA
<u>AMD V140</u>	643	2478	12.89	\$49.95*
<u>AMD V160</u>	677	2463	NA	NA
<u>AMD Z-01</u>	523	2542	NA	NA
<u>AMD Z-60 APU</u>	500	2559	NA	NA
<u>AMD-K6 3D</u>	90	2960	NA	NA
<u>AMD-K6-III</u>	108	2957	NA	NA
<u>AMD-K7</u>	403	2662	NA	NA
<u>Athlon 64 Dual Core 3800+</u>	1234	2157	NA	NA
<u>Athlon 64 Dual Core 4200+</u>	1156	2201	5.64	\$204.95*
<u>Athlon 64 Dual Core 4800+</u>	1370	2074	NA	NA
<u>Athlon 64 Dual Core 5000+</u>	1507	2014	NA	NA
<u>Athlon 64 Dual Core 5400+</u>	1614	1964	NA	NA
<u>Athlon 64 Dual Core 5600+</u>	1548	1991	NA	NA
<u>Athlon Dual Core 4050e</u>	968	2311	NA	NA
<u>Athlon Dual Core 4450e</u>	1204	2172	NA	NA
<u>Athlon Dual Core 4850e</u>	1346	2088	NA	NA
<u>Celeron Dual-Core Q8300 @ 2.50GHz</u>	2837	1446	NA	NA
<u>Celeron Dual-Core T3000 @ 1.80GHz</u>	1086	2240	NA	NA
<u>Celeron Dual-Core T3100 @ 1.90GHz</u>	1172	2190	27.91	\$42.00
<u>Celeron Dual-Core T3300 @ 2.00GHz</u>	1201	2176	NA	NA
<u>Celeron Dual-Core T3500 @ 2.10GHz</u>	1274	2134	NA	NA
<u>Dual-Core AMD Opteron 1220 SE</u>	1206	2170	NA	NA
<u>HP Hexa-Core 2.0GHz</u>	2178	1688	4.32	\$504.27*
<u>Intel 2.80GHz</u>	525	2540	NA	NA
<u>Intel 1300 @ 1.66GHz</u>	857	2377	NA	NA
<u>Intel 1400 @ 1.83GHz</u>	980	2303	NA	NA

<u>CPU Name</u>	<u>Passmark CPU Mark</u> (higher is better)	<u>Rank</u> (lower is better)	<u>CPU Value</u> (higher is better)	<u>Price</u> (USD)
Intel Atom C230 @ 1.60GHz	1024	2269	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2362	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2318	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1726	20.05	\$104.00*

CPU Benchmarks ▼

<u>CPU Name</u>	<u>Passmark CPU Mark</u> (higher is better)	<u>Rank</u> (lower is better)	<u>CPU Value</u> (higher is better)	<u>Price</u> (USD)
Intel Atom C2550 @ 2.40GHz	2261	1656	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1693	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3768	1168	16.24	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1278	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1335	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1580	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1548	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	949	14.62	\$332.00*
Intel Atom C3958 @ 2.00GHz	6586	711	14.67	\$449.00*
Intel Atom D410 @ 1.66GHz	301	2780	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2732	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	658	2471	6.78	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2446	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2660	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2461	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2443	NA	NA
Intel Atom D2700 @ 2.13GHz	839	2385	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2440	NA	NA
Intel Atom E660 @ 1.30GHz	271	2832	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2729	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2746	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2510	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2566	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2381	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2198	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	2016	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1828	NA	NA

 CPU Benchmarks ▼

Intel Atom E3950 @ 1.60GHz CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N270 @ 1.60GHz	270	2835	NA	NA
Intel Atom N280 @ 1.66GHz	282	2814	NA	NA
Intel Atom N435 @ 1.33GHz	261	2843	NA	NA
Intel Atom N450 @ 1.66GHz	296	2790	NA	NA

Intel Atom N455 @ 1.66GHz	283	2812	NA	NA
Intel Atom N470 @ 1.83GHz	332	2745	NA	NA
Intel Atom N475 @ 1.83GHz	314	2762	NA	NA
Intel Atom N550 @ 1.50GHz	524	2541	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	574	2515	6.68	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2776	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2538	NA	NA
Intel Atom N2800 @ 1.86GHz	625	2486	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2350	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1746	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2401	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1600	1972	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1192	2178	8.96	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1015	2279	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1273	2135	60.64	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1696	1917	27.11	\$62.57*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom x5-Z8550 @ 1.44GHz	1835	1847	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1890	1818	25.68	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1894	1814	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2911	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2887	NA	NA
Intel Atom Z520 @ 1.33GHz	217	2888	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2820	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2726	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2688	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2867	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2518	NA	NA

 CPU Benchmarks ▼

Intel Atom Z3735D @ 1.33GHz CPU Name	Passmark 937 CPU Mark (higher is better)	Rank 2306 (lower is better)	QRU Value (higher is better)	Price (USD)
Intel Atom Z3735F @ 1.33GHz	914	2351	5.04	\$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2358	NA	NA
Intel Atom Z3736F @ 1.33GHz	912	2353	NA	NA
Intel Atom Z3740 @ 1.33GHz	1068	2250	NA	NA
Intel Atom Z3740D @ 1.33GHz	1011	2280	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2248	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1018	2277	NA	NA
Intel Atom Z3770 @ 1.46GHz	1252	2147	8.38	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2405	NA	NA
Intel Atom Z3775 @ 1.46GHz	1275	2133	36.44	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2130	NA	NA
Intel Atom Z3795 @ 1.60GHz	1804	1862	NA	NA
Intel Celeron 1.70GHz	130	2950	NA	NA
Intel Celeron 1.80GHz	136	2947	NA	NA
Intel Celeron 2.00GHz	182	2923	NA	NA
Intel Celeron 2.10GHz	244	2865	NA	NA
Intel Celeron 2.13GHz	208	2898	NA	NA
Intel Celeron 2.20GHz	213	2893	NA	NA
Intel Celeron 2.26GHz	223	2882	NA	NA
Intel Celeron 2.30GHz	227	2879	NA	NA
Intel Celeron 2.40GHz	217	2889	NA	NA
Intel Celeron 2.50GHz	247	2859	NA	NA
Intel Celeron 2.53GHz	245	2863	NA	NA
Intel Celeron 2.60GHz	238	2869	NA	NA
Intel Celeron 2.66GHz	249	2857	NA	NA
Intel Celeron 2.70GHz	245	2864	NA	NA
Intel Celeron 2.80GHz	254	2849	NA	NA
Intel Celeron 2.93GHz	283	2811	NA	NA
Intel Celeron 3.06GHz	284	2809	NA	NA
Intel Celeron 3.20GHz	288	2801	NA	NA
Intel Celeron 3.33GHz	333	2743	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2752	NA	NA

Intel Celeron 220 @ 1.20GHz	320 Passmark CPU Mark (higher is better)	2754 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
Intel Celeron 420 @ 1.60GHz	544	2526	24.38	\$22.33
Intel Celeron 440 @ 2.00GHz	544	2526	24.38	\$22.33
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 450 @ 2.20GHz	625	2487	20.86	\$29.99*

CPU Benchmarks ▼

Intel Celeron 530 @ 1.73GHz	474	2585	20.62	\$22.99*
Intel Celeron 540 @ 1.86GHz	521	2544	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2546	7.96	\$64.95
Intel Celeron 560 @ 2.13GHz	531	2535	6.65	\$79.95
Intel Celeron 570 @ 2.26GHz	517	2545	NA	NA
Intel Celeron 600MHz	147	2943	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2658	NA	NA
Intel Celeron 743 @ 1.30GHz	421	2641	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2426	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2704	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2491	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2339	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2273	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2208	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2189	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	2119	NA	NA
Intel Celeron 887 @ 1.50GHz	1280	2129	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2464	23.34	\$28.99
Intel Celeron 925 @ 2.30GHz	691	2456	NA	NA
Intel Celeron 1000M @ 1.80GHz	1675	1926	NA	NA
Intel Celeron 1000MHz	213	2892	NA	NA
Intel Celeron 1005M @ 1.90GHz	1809	1858	NA	NA
Intel Celeron 1007U @ 1.50GHz	1390	2063	7.52	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1513	2012	NA	NA
Intel Celeron 1019Y @ 1.00GHz	946	2333	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1670	NA	NA
Intel Celeron 1037U @ 1.80GHz	1737	1891	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2180	NA	NA

<u>Intel Celeron 1066MHz</u>	259	2845	NA	NA
CPU Name	Passmark	Rank	CPU Value	Price
Intel Celeron 1100MHz	(higher is better)	(lower is better)	(higher is better)	(USD)
<u>Intel Celeron 1200MHz</u>	244	2866	NA	NA
<u>Intel Celeron 1300MHz</u>	288	2803	NA	NA
<u>Intel Celeron 1333MHz</u>	290	2797	NA	NA
<u>Intel Celeron 1400MHz</u>	302	2777	NA	NA

CPU Benchmarks ▼

<u>Intel Celeron 2000E @ 2.20GHz</u>	2365	1615	NA	NA
<u>Intel Celeron 2002E @ 1.50GHz</u>	1605	1967	18.67	\$86.00*
<u>Intel Celeron 2950M @ 2.00GHz</u>	1984	1769	NA	NA
<u>Intel Celeron 2955U @ 1.40GHz</u>	1413	2055	NA	NA
<u>Intel Celeron 2957U @ 1.40GHz</u>	1432	2045	NA	NA
<u>Intel Celeron 2961Y @ 1.10GHz</u>	1110	2223	NA	NA
<u>Intel Celeron 2970M @ 2.20GHz</u>	2312	1629	NA	NA
<u>Intel Celeron 2980U @ 1.60GHz</u>	1593	1978	NA	NA
<u>Intel Celeron 2981U @ 1.60GHz</u>	1364	2077	NA	NA
<u>Intel Celeron 3205U @ 1.50GHz</u>	1501	2018	5.23	\$287.04*
<u>Intel Celeron 3215U @ 1.70GHz</u>	1647	1947	NA	NA
<u>Intel Celeron 3755U @ 1.70GHz</u>	1702	1912	NA	NA
<u>Intel Celeron 3765U @ 1.90GHz</u>	1948	1787	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Celeron 3855U @ 1.60GHz</u>	1687	1920	NA	NA
<u>Intel Celeron 3865U @ 1.80GHz</u>	1913	1806	NA	NA
<u>Intel Celeron 3867U @ 1.80GHz</u>	1843	1842	17.23	\$107.00*
<u>Intel Celeron 3955U @ 2.00GHz</u>	1934	1793	NA	NA
<u>Intel Celeron 3965U @ 2.20GHz</u>	2363	1616	22.09	\$107.00*
<u>Intel Celeron 3965Y @ 1.50GHz</u>	1607	1966	15.03	\$107.00*
<u>Intel Celeron 4205U @ 1.80GHz</u>	1971	1774	18.43	\$107.00*
<u>Intel Celeron @ 1.30GHz</u>	965	2313	NA	NA
<u>Intel Celeron B710 @ 1.60GHz</u>	186	2917	NA	NA
<u>Intel Celeron B720 @ 1.70GHz</u>	814	2398	NA	NA
<u>Intel Celeron B800 @ 1.50GHz</u>	1277	2132	NA	NA
<u>Intel Celeron B810 @ 1.60GHz</u>	1395	2060	NA	NA
<u>Intel Celeron B815 @ 1.60GHz</u>	1363	2078	NA	NA
<u>Intel Celeron B820 @ 1.70GHz</u>	1430	2047	36.41	\$39.29*

 CPU Benchmarks ▼

<u>Intel Celeron B830 @ 1.80GHz</u> CPU Name	Passmark 1512 CPU Mark (higher is	Rank 2013 (lower is	QRU Value (higher is	Price (USD)
<u>Intel Celeron D 347 @ 3.06GHz</u>	270	2834	NA	NA
<u>Intel Celeron D 352 @ 3.20GHz</u>	302	2778	NA	NA
<u>Intel Celeron D 356 @ 3.33GHz</u>	315	2759	NA	NA
<u>Intel Celeron D 360 @ 3.46GHz</u>	337	2738	NA	NA
<u>Intel Celeron D 365 @ 3.60GHz</u>	404	2659	4.50	\$89.95*
<u>Intel Celeron D 420 @ 1.60GHz</u>	481	2579	NA	NA
<u>Intel Celeron D 430 @ 1.80GHz</u>	585	2506	NA	NA
<u>Intel Celeron E1200 @ 1.60GHz</u>	860	2374	7.83	\$109.95*
<u>Intel Celeron E1400 @ 2.00GHz</u>	1052	2257	15.04	\$69.99
<u>Intel Celeron E1500 @ 2.20GHz</u>	1169	2193	59.51	\$19.65
<u>Intel Celeron E1600 @ 2.40GHz</u>	1255	2143	NA	NA
<u>Intel Celeron E3200 @ 2.40GHz</u>	1382	2067	26.59	\$51.99*
<u>Intel Celeron E3300 @ 2.50GHz</u>	1389	2064	55.62	\$24.98
<u>Intel Celeron E3400 @ 2.60GHz</u>	1441	2042	2.36	\$610.00*
<u>Intel Celeron E3500 @ 2.70GHz</u>	1454	2035	36.37	\$39.99*
<u>Intel Celeron G440 @ 1.60GHz</u>	694	2453	13.90	\$49.99*
<u>Intel Celeron G460 @ 1.80GHz</u>	1035	2265	15.93	\$65.00
<u>Intel Celeron G465 @ 1.90GHz</u>	1064	2251	10.64	\$100.00*
<u>Intel Celeron G470 @ 2.00GHz</u>	1298	2113	NA	NA
<u>Intel Celeron G530 @ 2.40GHz</u>	2128	1708	53.22	\$39.99*
<u>Intel Celeron G530T @ 2.00GHz</u>	1717	1898	NA	NA
<u>Intel Celeron G540 @ 2.50GHz</u>	2197	1684	48.83	\$45.00*
<u>Intel Celeron G540T @ 2.10GHz</u>	2114	1712	NA	NA
<u>Intel Celeron G550 @ 2.60GHz</u>	2290	1638	28.63	\$80.00
<u>Intel Celeron G550T @ 2.20GHz</u>	2032	1750	NA	NA
<u>Intel Celeron G555 @ 2.70GHz</u>	2422	1590	22.23	\$109.00
<u>Intel Celeron G1101 @ 2.27GHz</u>	1667	1935	84.34	\$19.77*
<u>Intel Celeron G1610 @ 2.60GHz</u>	2488	1569	52.95	\$47.00
<u>Intel Celeron G1610T @ 2.30GHz</u>	2256	1657	56.35	\$40.04*
<u>Intel Celeron G1620 @ 2.70GHz</u>	2576	1531	39.64	\$64.99
<u>Intel Celeron G1620T @ 2.40GHz</u>	2353	1620	56.03	\$42.00*
<u>Intel Celeron G1630 @ 2.80GHz</u>	2493	1567	35.63	\$69.99

Intel Celeron G1820 @ 2.70GHz	2754 Passmark	1478 Rank	45.92 CPU Value	\$59.99 Price
CPU Name	CPU Mark Passmark CPU (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1820T @ 2.40GHz	2495	1566	59.42	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1706	NA	NA
Intel Celeron G1830 @ 2.80GHz	2559	1539	26.95	\$94.95
Intel Celeron G1840 @ 2.80GHz	2860	1443	43.92	\$65.13

CPU Benchmarks ▼

Intel Celeron G1840T @ 2.50GHz	2554	1542	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1422	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3133	1347	56.99	\$54.99
Intel Celeron G3900E @ 2.40GHz	2679	1499	NA	NA
Intel Celeron G3900T @ 2.60GHz	2925	1418	26.01	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1525	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1351	27.40	\$113.99*
Intel Celeron G3930 @ 2.90GHz	3037	1378	33.90	\$89.59
Intel Celeron G3930T @ 2.70GHz	2766	1471	69.18	\$39.99
Intel Celeron G3930TE @ 2.70GHz	2970	1401	70.72	\$42.00*
Intel Celeron G3950 @ 3.00GHz	3049	1376	42.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3288	1293	73.61	\$44.68
Intel Celeron G4900T @ 2.90GHz	3096	1359	NA	NA
Intel Celeron G4920 @ 3.20GHz	3220	1315	42.10	\$76.50*
Intel Celeron G4930 @ 3.20GHz	3503	1240	71.87	\$48.75
Intel Celeron J1750 @ 2.41GHz	1037	2264	NA	NA
Intel Celeron J1800 @ 2.41GHz	1020	2274	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1962	NA	NA
Intel Celeron J1900 @ 1.99GHz	1852	1836	NA	NA
Intel Celeron J3060 @ 1.60GHz	976	2306	NA	NA
Intel Celeron J3160 @ 1.60GHz	1797	1864	NA	NA
Intel Celeron J3355 @ 2.00GHz	1155	2202	NA	NA
Intel Celeron J3455 @ 1.50GHz	2113	1714	5.56	\$379.99
Intel Celeron J4005 @ 2.00GHz	1544	1993	10.41	\$148.31
Intel Celeron J4105 @ 1.50GHz	2642	1510	24.70	\$107.00*
Intel Celeron M 1.00GHz	207	2899	16.60	\$12.49
Intel Celeron M 1.30GHz	316	2758	NA	NA
Intel Celeron M 1.50GHz	343	2734	NA	NA

<u>Intel Celeron M 1.60GHz</u>	364	2713	NA	NA
CPU Name	Passmark	Rank	CPU Value	Price
<u>Intel Celeron M 1.70GHz</u>	362	2670	NA	NA
<u>Intel Celeron M 410 @ 1.46GHz</u>	315	2760	NA	NA
<u>Intel Celeron M 420 @ 1.60GHz</u>	334	2742	NA	NA
<u>Intel Celeron M 430 @ 1.73GHz</u>	368	2706	NA	NA
<u>Intel Celeron M 440 @ 1.86GHz</u>	392	2680	NA	NA

CPU Benchmarks ▼

<u>Intel Celeron M 443 @ 1.20GHz</u>	253	2851	NA	NA
<u>Intel Celeron M 450 @ 2.00GHz</u>	450	2610	NA	NA
<u>Intel Celeron M 520 @ 1.60GHz</u>	431	2633	NA	NA
<u>Intel Celeron M 530 @ 1.73GHz</u>	462	2595	NA	NA
<u>Intel Celeron M 540 @ 1.86GHz</u>	542	2529	NA	NA
<u>Intel Celeron M 600MHz</u>	151	2941	NA	NA
<u>Intel Celeron M 723 @ 1.20GHz</u>	457	2603	NA	NA
<u>Intel Celeron M 900MHz</u>	204	2901	NA	NA
<u>Intel Celeron M 1200MHz</u>	275	2829	NA	NA
<u>Intel Celeron M 1300MHz</u>	303	2774	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Celeron M 1500MHz</u>	333	2744	NA	NA
<u>Intel Celeron M ULV 800MHz</u>	184	2921	NA	NA
<u>Intel Celeron N2805 @ 1.46GHz</u>	460	2600	NA	NA
<u>Intel Celeron N2806 @ 1.60GHz</u>	802	2406	NA	NA
<u>Intel Celeron N2807 @ 1.58GHz</u>	861	2372	NA	NA
<u>Intel Celeron N2808 @ 1.58GHz</u>	907	2357	NA	NA
<u>Intel Celeron N2810 @ 2.00GHz</u>	787	2411	5.62	\$139.99*
<u>Intel Celeron N2815 @ 1.86GHz</u>	859	2375	NA	NA
<u>Intel Celeron N2820 @ 2.13GHz</u>	937	2337	5.21	\$179.99
<u>Intel Celeron N2830 @ 2.16GHz</u>	966	2312	NA	NA
<u>Intel Celeron N2840 @ 2.16GHz</u>	1003	2286	NA	NA
<u>Intel Celeron N2910 @ 1.60GHz</u>	1203	2173	NA	NA
<u>Intel Celeron N2920 @ 1.86GHz</u>	1514	2011	NA	NA
<u>Intel Celeron N2930 @ 1.83GHz</u>	1658	1943	NA	NA
<u>Intel Celeron N2940 @ 1.83GHz</u>	1722	1894	NA	NA
<u>Intel Celeron N3000 @ 1.04GHz</u>	899	2360	NA	NA
<u>Intel Celeron N3010 @ 1.04GHz</u>	973	2307	NA	NA

 CPU Benchmarks ▼

Intel Celeron N3050 @ 1.60GHz CPU Name	Passmark 879 CPU Mark (higher is better)	Rank 2365 (lower is better)	CPU Value 5.75 (higher is better)	Price \$153.01 (USD)
Intel Celeron N3150 @ 1.60GHz	1666	1936	NA	NA
Intel Celeron N3160 @ 1.60GHz	1664	1939	5.75	\$289.18
Intel Celeron N3350 @ 1.10GHz	1111	2221	NA	NA
Intel Celeron N3450 @ 1.10GHz	1849	1837	11.72	\$157.85

Intel Celeron N4000 @ 1.10GHz	1428	2048	13.35	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2278	1645	21.29	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1116	2217	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2296	NA	NA
Intel Celeron P4600 @ 2.00GHz	1328	2097	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2415	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2327	47.54	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2255	35.29	\$29.99*
Intel Celeron U1900 @ 1.99GHz	1704	1911	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2438	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2458	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2403	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2258	6.57	\$159.95*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2200	23.16	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1271	2136	17.85	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1384	2066	8.77	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	2027	54.88	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1108	2226	85.33	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2183	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1288	2121	43.04	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1360	2081	27.21	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	2038	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1497	2019	100.18	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1554	1990	103.71	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1919	56.46	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1712	1902	166.26	\$10.30*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6850 @ 3.00GHz	1945	1788	38.92	\$49.99*

 CPU Benchmarks ▼

<u>Intel Core2 Duo E7200 @ 2.53GHz</u> CPU Name	Passmark 1625 CPU Mark (higher is	Rank 1839 (lower is	GPU Value 35.17 (higher is	Price \$49.00* (USD)
<u>Intel Core2 Duo E7400 @ 2.80GHz</u>	1769	1872	61.04	\$28.99*
<u>Intel Core2 Duo E7500 @ 2.93GHz</u>	1874	1827	125.03	\$14.99*
<u>Intel Core2 Duo E7600 @ 3.06GHz</u>	1963	1779	16.37	\$119.95*
<u>Intel Core2 Duo E8135 @ 2.40GHz</u>	1490	2022	NA	NA

<u>Intel Core2 Duo E8135 @ 2.66GHz</u>	1761	1875	NA	NA
<u>Intel Core2 Duo E8200 @ 2.66GHz</u>	1882	1823	37.66	\$49.99*
<u>Intel Core2 Duo E8235 @ 2.80GHz</u>	1955	1782	NA	NA
<u>Intel Core2 Duo E8290 @ 2.83GHz</u>	2353	1618	NA	NA
<u>Intel Core2 Duo E8300 @ 2.83GHz</u>	1990	1766	99.58	\$19.99*
<u>Intel Core2 Duo E8335 @ 2.66GHz</u>	1846	1838	NA	NA
<u>Intel Core2 Duo E8335 @ 2.93GHz</u>	2128	1709	NA	NA
<u>Intel Core2 Duo E8400 @ 3.00GHz</u>	2148	1700	47.23	\$45.50*
<u>Intel Core2 Duo E8435 @ 3.06GHz</u>	2097	1720	NA	NA
<u>Intel Core2 Duo E8500 @ 3.16GHz</u>	2281	1643	57.06	\$39.99*
<u>Intel Core2 Duo E8600 @ 3.33GHz</u>	2398	1600	56.50	\$42.45*
<u>Intel Core2 Duo E8700 @ 3.50GHz</u>	2212	1679	NA	NA
<u>Intel Core2 Duo L7100 @ 1.20GHz</u>	760	2420	NA	NA
<u>Intel Core2 Duo L7200 @ 1.33GHz</u>	684	2459	NA	NA
<u>Intel Core2 Duo L7300 @ 1.40GHz</u>	825	2394	NA	NA
<u>Intel Core2 Duo L7400 @ 1.50GHz</u>	846	2383	NA	NA
<u>Intel Core2 Duo L7500 @ 1.60GHz</u>	959	2320	NA	NA
<u>Intel Core2 Duo L7700 @ 1.80GHz</u>	973	2308	NA	NA
<u>Intel Core2 Duo L7800 @ 2.00GHz</u>	1116	2216	NA	NA
<u>Intel Core2 Duo L9300 @ 1.60GHz</u>	1080	2246	NA	NA
<u>Intel Core2 Duo L9600 @ 2.13GHz</u>	1346	2087	NA	NA
<u>Intel Core2 Duo P7350 @ 2.00GHz</u>	1289	2120	64.51	\$19.99*
<u>Intel Core2 Duo P7370 @ 2.00GHz</u>	1307	2108	NA	NA
<u>Intel Core2 Duo P7450 @ 2.13GHz</u>	1416	2052	35.42	\$39.99*
<u>Intel Core2 Duo P7500 @ 1.60GHz</u>	945	2334	NA	NA
<u>Intel Core2 Duo P7550 @ 2.26GHz</u>	1518	2006	6.60	\$229.99*
<u>Intel Core2 Duo P7570 @ 2.26GHz</u>	1455	2034	NA	NA
<u>Intel Core2 Duo P7700 @ 1.80GHz</u>	1021	2272	NA	NA

Intel Core2 Duo P8400 @ 2.26GHz	1453 Passmark CPU Mark (higher is better)	2037 Rank (lower is better)	4.89 CPU Value (higher is better)	\$297.01* Price (USD)
Intel Core2 Duo P8800 @ 2.66GHz	1739	1888	30.53	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1987	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1753	1882	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1754	1881	17.72	\$99.00*

CPU Benchmarks ▼

Intel Core2 Duo P9600 @ 2.66GHz	1866	1829	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2015	1758	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2504	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2149	4.95	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1680	1924	5.92	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	925	2344	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	833	2389	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5250 @ 1.50GHz	839	2387	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2399	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	933	2340	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2352	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2356	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2348	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1039	2263	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2267	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2297	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1092	2235	109.39	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1114	2218	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1201	2175	75.58	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1148	2206	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2167	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2160	81.80	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1285	2125	85.78	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1259	2142	32.72	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1359	2082	71.92	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1358	2083	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1020	2275	46.39	\$21.99*

 CPU Benchmarks ▼

Intel Core2 Duo T7200 @ 2.00GHz CPU Name	Passmark 1167 CPU Mark (higher is better)	Rank 2177 (lower is better)	CPU Value 38.52 (higher is better)	Price \$99.95* (USD)
Intel Core2 Duo T7300 @ 2.00GHz	1193	2177	38.52	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1250	2151	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1271	2137	29.57	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1378	2072	NA	NA

Intel Core2 Duo T7700 @ 2.40GHz	1423	2050	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1597	1974	2.63	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1298	2114	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1470	2030	13.50	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1673	1927	28.86	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1739	1889	38.71	\$44.95*
Intel Core2 Duo T9500 @ 2.60GHz	1793	1866	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1806	1860	6.04	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1798	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2016	1757	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2136	1701	5.36	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	874	2368	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2502	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	669	2466	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2452	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	855	2379	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1129	2214	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1921	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1201	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3632	1203	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1252	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1875	1826	7.11	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1863	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2095	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1678	1925	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1815	4.62	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2075	1731	2.44	\$851.00*

 CPU Benchmarks ▼

<u>Intel Core2 Extreme X9650 @ 3.00GHz</u> CPU Name	Passmark 4156 CPU Mark (higher is	Rank 988 (lower is	CPU Value 2.87 (higher is	Price \$859.99* (USD)
<u>Intel Core2 Extreme X9770 @ 3.20GHz</u>	4614	991	2.87	\$1,608.95*
<u>Intel Core2 Extreme X9775 @ 3.20GHz</u>	4646	985	2.57	\$1,805.95*
<u>Intel Core2 Quad Q6600 @ 2.40GHz</u>	2947	1408	73.72	\$39.98*
<u>Intel Core2 Quad Q6700 @ 2.66GHz</u>	3281	1295	72.93	\$44.99*

<u>Intel Core2 Quad Q8200 @ 2.33GHz</u>	2808	1459	122.16	\$22.99*
<u>Intel Core2 Quad Q8300 @ 2.50GHz</u>	2980	1396	59.62	\$49.99*
<u>Intel Core2 Quad Q8400 @ 2.66GHz</u>	3161	1336	13.17	\$239.95*
<u>Intel Core2 Quad Q9000 @ 2.00GHz</u>	2525	1551	6.49	\$389.00*
<u>Intel Core2 Quad Q9100 @ 2.26GHz</u>	3242	1307	8.40	\$385.89*
<u>Intel Core2 Quad Q9300 @ 2.50GHz</u>	3154	1341	15.81	\$199.50*
<u>Intel Core2 Quad Q9400 @ 2.66GHz</u>	3338	1283	69.51	\$48.03*
<u>Intel Core2 Quad Q9450 @ 2.66GHz</u>	3757	1174	105.24	\$35.70*
<u>Intel Core2 Quad Q9500 @ 2.83GHz</u>	3521	1235	100.63	\$34.99*
<u>Intel Core2 Quad Q9505 @ 2.83GHz</u>	3524	1232	18.55	\$190.00*
<u>Intel Core2 Quad Q9550 @ 2.83GHz</u>	3962	1126	89.07	\$44.49*
<u>Intel Core2 Quad Q9650 @ 3.00GHz</u>	4156	1087	25.99	\$159.95
<u>Intel Core2 Quad Q9705 @ 3.16GHz</u>	3947	1130	NA	NA
<u>Intel Core2 Solo U2100 @ 1.06GHz</u>	359	2717	NA	NA
<u>Intel Core2 Solo U2200 @ 1.20GHz</u>	311	2767	NA	NA
<u>Intel Core2 Solo U3300 @ 1.20GHz</u>	415	2645	NA	NA
<u>Intel Core2 Solo U3500 @ 1.40GHz</u>	464	2592	NA	NA
<u>Intel Core 330 @ 1.60GHz</u>	643	2477	NA	NA
<u>Intel Core 860 @ 2.80GHz</u>	4555	1004	26.96	\$169.00*
<u>Intel Core Duo L2300 @ 1.50GHz</u>	719	2441	NA	NA
<u>Intel Core Duo L2400 @ 1.66GHz</u>	705	2449	NA	NA
<u>Intel Core Duo L2500 @ 1.83GHz</u>	747	2428	NA	NA
<u>Intel Core Duo T2050 @ 1.60GHz</u>	693	2455	NA	NA
<u>Intel Core Duo T2250 @ 1.73GHz</u>	754	2424	NA	NA
<u>Intel Core Duo T2300 @ 1.66GHz</u>	727	2436	NA	NA
<u>Intel Core Duo T2350 @ 1.86GHz</u>	761	2419	NA	NA
<u>Intel Core Duo T2400 @ 1.83GHz</u>	794	2410	49.63	\$16.00*
<u>Intel Core Duo T2450 @ 2.00GHz</u>	825	2393	NA	NA

<u>Intel Core Duo T2500 @ 2.00GHz</u>	862	2371	7.19	\$119.99*
CPU Name	Passmark CPU Mark	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core Duo T2600 @ 2.16GHz</u>	544	2527	NA	NA
<u>Intel Core Duo U2400 @ 1.06GHz</u>	507	2555	NA	NA
<u>Intel Core i3-330E @ 2.13GHz</u>	1935	1792	NA	NA
<u>Intel Core i3-330M @ 2.13GHz</u>	1784	1868	11.16	\$159.95*

CPU Benchmarks ▼

<u>Intel Core i3-330UM @ 1.20GHz</u>	1075	2249	NA	NA
<u>Intel Core i3-350M @ 2.27GHz</u>	1892	1817	112.98	\$16.75
<u>Intel Core i3-370M @ 2.40GHz</u>	2014	1759	50.41	\$39.96*
<u>Intel Core i3-380M @ 2.53GHz</u>	2093	1722	34.92	\$59.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i3-380UM @ 1.33GHz</u>	1159	2199	NA	NA
<u>Intel Core i3-390M @ 2.67GHz</u>	2172	1689	55.78	\$38.95*
<u>Intel Core i3-530 @ 2.93GHz</u>	2564	1537	23.75	\$108.00
<u>Intel Core i3-540 @ 3.07GHz</u>	2686	1497	20.66	\$130.02
<u>Intel Core i3-550 @ 3.20GHz</u>	2829	1450	16.10	\$175.74
<u>Intel Core i3-560 @ 3.33GHz</u>	2933	1412	16.30	\$179.95*
<u>Intel Core i3-1005G1 @ 1.20GHz</u>	5731	802	20.40	\$281.00*
<u>Intel Core i3-2100 @ 3.10GHz</u>	3692	1193	67.14	\$54.99
<u>Intel Core i3-2100T @ 2.50GHz</u>	2980	1395	49.68	\$59.99*
<u>Intel Core i3-2102 @ 3.10GHz</u>	3736	1181	64.41	\$58.00*
<u>Intel Core i3-2105 @ 3.10GHz</u>	3712	1188	32.29	\$114.99*
<u>Intel Core i3-2120 @ 3.30GHz</u>	3931	1137	56.17	\$70.00
<u>Intel Core i3-2120T @ 2.60GHz</u>	3155	1339	126.28	\$24.99
<u>Intel Core i3-2125 @ 3.30GHz</u>	4015	1112	19.40	\$207.00*
<u>Intel Core i3-2130 @ 3.40GHz</u>	4073	1104	64.68	\$62.98
<u>Intel Core i3-2140 @ 3.50GHz</u>	4325	1056	NA	NA
<u>Intel Core i3-2310E @ 2.10GHz</u>	2839	1445	12.62	\$225.00*
<u>Intel Core i3-2310M @ 2.10GHz</u>	2433	1587	62.70	\$38.81
<u>Intel Core i3-2312M @ 2.10GHz</u>	2374	1610	NA	NA
<u>Intel Core i3-2328M @ 2.20GHz</u>	2543	1546	27.36	\$92.97*
<u>Intel Core i3-2330E @ 2.20GHz</u>	3073	1367	NA	NA
<u>Intel Core i3-2330M @ 2.20GHz</u>	2526	1550	50.59	\$49.95
<u>Intel Core i3-2332M @ 2.20GHz</u>	2382	1607	NA	NA

 CPU Benchmarks ▼

Intel Core i3-2340UE @ 1.30GHz CPU Name	Passmark 1719 CPU Mark (higher is better)	Rank 1996 (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2350M @ 2.30GHz	2631	1513	82.54	\$31.88
Intel Core i3-2357M @ 1.30GHz	1556	1989	NA	NA
Intel Core i3-2365M @ 1.40GHz	1681	1923	NA	NA
Intel Core i3-2367M @ 1.40GHz	1708	1908	NA	NA
Intel Core i3-2370M @ 2.40GHz	2778	1468	69.79	\$39.81*
Intel Core i3-2375M @ 1.50GHz	1771	1871	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1852	NA	NA
Intel Core i3-3110M @ 2.40GHz	3082	1363	38.55	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3224	1313	29.32	\$110.00*
Intel Core i3-3130M @ 2.60GHz	3384	1269	NA	NA
Intel Core i3-3210 @ 3.20GHz	4044	1107	20.32	\$199.00
Intel Core i3-3217U @ 1.80GHz	2303	1634	10.02	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1694	NA	NA
Intel Core i3-3220 @ 3.30GHz	4246	1072	77.22	\$54.99
Intel Core i3-3220T @ 2.80GHz	3698	1189	29.59	\$125.00
Intel Core i3-3225 @ 3.30GHz	4346	1049	13.37	\$324.99
Intel Core i3-3227U @ 1.90GHz	2468	1575	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1914	NA	NA
Intel Core i3-3240 @ 3.40GHz	4318	1059	86.37	\$50.00
Intel Core i3-3240T @ 2.90GHz	3666	1198	NA	NA
Intel Core i3-3245 @ 3.40GHz	4463	1025	25.95	\$172.01*
Intel Core i3-3250 @ 3.50GHz	4460	1026	63.73	\$70.00
Intel Core i3-3250T @ 3.00GHz	3614	1206	NA	NA
Intel Core i3-4000M @ 2.40GHz	3257	1301	16.29	\$199.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4005U @ 1.70GHz	2446	1584	NA	NA
Intel Core i3-4010U @ 1.70GHz	2442	1585	16.28	\$149.99
Intel Core i3-4010Y @ 1.30GHz	1900	1812	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2157	1698	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2213	1678	NA	NA
Intel Core i3-4025U @ 1.90GHz	2789	1465	NA	NA
Intel Core i3-4030U @ 1.90GHz	2717	1489	NA	NA

 CPU Benchmarks ▼

Intel Core i3-4030Y @ 1.60GHz CPU Name	Passmark CPU Mark (higher is	Rank (lower is	QRU Value (higher is	Price (USD)
Intel Core i3-4110M @ 2.60GHz	3854	1146	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1428	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1375	NA	NA
Intel Core i3-4130 @ 3.40GHz	4803	956	53.38	\$89.99

Intel Core i3-4130T @ 2.90GHz	4149	1090	46.63	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4900	937	49.50	\$99.00
Intel Core i3-4150T @ 3.00GHz	4227	1074	18.39	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1419	NA	NA
Intel Core i3-4160 @ 3.60GHz	5048	907	56.10	\$89.99
Intel Core i3-4160T @ 3.10GHz	4451	1029	29.68	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5191	882	19.46	\$266.79
Intel Core i3-4170T @ 3.20GHz	4545	1011	21.65	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5086	896	46.66	\$109.00
Intel Core i3-4330T @ 3.00GHz	4485	1023	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1319	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	873	30.84	\$169.99*
Intel Core i3-4350 @ 3.60GHz	4990	920	29.36	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	1063	NA	NA
Intel Core i3-4360 @ 3.70GHz	5463	841	21.09	\$259.00*
Intel Core i3-4360T @ 3.20GHz	4636	986	NA	NA
Intel Core i3-4370 @ 3.80GHz	5616	812	18.18	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4870	942	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	931	NA	NA
Intel Core i3-5005U @ 2.00GHz	2902	1426	NA	NA
Intel Core i3-5010U @ 2.10GHz	3058	1372	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	2986	1393	NA	NA
Intel Core i3-5020U @ 2.20GHz	3198	1322	6.97	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	1197	NA	NA
Intel Core i3-6006U @ 2.00GHz	3080	1364	NA	NA
Intel Core i3-6098P @ 3.60GHz	5387	851	40.28	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5483	833	42.51	\$128.99
Intel Core i3-6100E @ 2.70GHz	3769	1167	NA	NA

Intel Core i3-6100H @ 2.70GHz	4219 Passmark CPU Mark (higher is better)	1078 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
Intel Core i3-6100U @ 2.30GHz	3607	1209	7.00	\$515.00*
Intel Core i3-6102E @ 1.90GHz	3196	1323	14.20	\$225.00*
Intel Core i3-6157U @ 2.40GHz	3835	1153	NA	NA
Intel Core i3-6300 @ 3.80GHz	5844	786	36.76	\$158.99

CPU Benchmarks ▼

Intel Core i3-6300T @ 3.30GHz	5247	872	33.86	\$154.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-6320 @ 3.90GHz	6046	768	13.65	\$443.00*
Intel Core i3-7020U @ 2.30GHz	3528	1230	12.56	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5782	791	45.94	\$125.85
Intel Core i3-7100H @ 3.00GHz	4627	990	20.57	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5049	906	34.65	\$145.71
Intel Core i3-7100U @ 2.40GHz	3764	1171	9.18	\$409.99
Intel Core i3-7101TE @ 3.40GHz	5189	883	44.36	\$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1298	14.52	\$225.00*
Intel Core i3-7130U @ 2.70GHz	4062	1105	8.83	\$459.99*
Intel Core i3-7167U @ 2.80GHz	4757	964	NA	NA
Intel Core i3-7300 @ 4.00GHz	6328	735	36.83	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	855	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6417	727	35.12	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6597	710	32.14	\$205.28
Intel Core i3-8100 @ 3.60GHz	8009	563	57.30	\$139.78
Intel Core i3-8100B @ 3.60GHz	8544	514	64.24	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7314	638	56.70	\$129.00*
Intel Core i3-8109U @ 3.00GHz	6130	755	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	957	NA	NA
Intel Core i3-8130U @ 2.20GHz	5019	915	17.86	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5542	827	19.72	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8693	500	54.34	\$159.99
Intel Core i3-8300T @ 3.20GHz	8032	560	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9245	438	49.98	\$184.99*
Intel Core i3-9100 @ 3.60GHz	9042	462	63.45	\$142.50
Intel Core i3-9100F @ 3.60GHz	8915	480	93.86	\$94.99

 CPU Benchmarks ▼

<u>Intel Core i3-9100T @ 3.10GHz</u> CPU Name	Passmark 7673 CPU Mark (higher is better)	Rank 603 (lower is better)	62.90 CPU Value (higher is better)	\$122.00* Price (USD)
<u>Intel Core i3-9300T @ 3.20GHz</u>	8777	491	61.38	\$143.00*
<u>Intel Core i3-9320 @ 3.70GHz</u>	10144	349	62.62	\$162.00*
<u>Intel Core i3-9350KF @ 4.00GHz</u>	10549	323	60.32	\$174.90
<u>Intel Core i3-10110U @ 2.10GHz</u>	5930	776	NA	NA

<u>Intel Core i3-21050 @ 3.10GHz</u>	3862	1145	NA	NA
<u>Intel Core i5 750S @ 2.40GHz</u>	2197	1685	21.97	\$99.99*
<u>Intel Core i5 E 520 @ 2.40GHz</u>	2486	1571	NA	NA
<u>Intel Core i5-7Y54 @ 1.20GHz</u>	3538	1225	NA	NA
<u>Intel Core i5-7Y57 @ 1.20GHz</u>	3676	1195	NA	NA
<u>Intel Core i5-430M @ 2.27GHz</u>	2094	1721	14.97	\$139.95*
<u>Intel Core i5-430UM @ 1.20GHz</u>	1341	2091	NA	NA
<u>Intel Core i5-450M @ 2.40GHz</u>	2133	1705	66.76	\$31.95*
<u>Intel Core i5-460M @ 2.53GHz</u>	2320	1623	30.96	\$74.95*
<u>Intel Core i5-470UM @ 1.33GHz</u>	1079	2247	NA	NA
<u>Intel Core i5-480M @ 2.67GHz</u>	2400	1599	29.78	\$80.60*
<u>Intel Core i5-520 @ 2.40GHz</u>	2244	1665	NA	NA
<u>Intel Core i5-520M @ 2.40GHz</u>	2366	1612	79.40	\$29.81
<u>Intel Core i5-520UM @ 1.07GHz</u>	1348	2086	NA	NA
<u>Intel Core i5-540M @ 2.53GHz</u>	2452	1581	12.91	\$189.95*
<u>Intel Core i5-540UM @ 1.20GHz</u>	1375	2073	NA	NA
<u>Intel Core i5-560M @ 2.67GHz</u>	2579	1530	31.47	\$81.97*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i5-560UM @ 1.33GHz</u>	1664	1938	NA	NA
<u>Intel Core i5-580M @ 2.67GHz</u>	2581	1528	23.47	\$109.95*
<u>Intel Core i5-650 @ 3.20GHz</u>	3096	1358	36.44	\$84.98
<u>Intel Core i5-655K @ 3.20GHz</u>	3386	1268	56.45	\$59.99*
<u>Intel Core i5-660 @ 3.33GHz</u>	3245	1305	91.43	\$35.50*
<u>Intel Core i5-661 @ 3.33GHz</u>	3194	1324	13.89	\$229.99*
<u>Intel Core i5-670 @ 3.47GHz</u>	3309	1289	11.86	\$279.00*
<u>Intel Core i5-680 @ 3.60GHz</u>	3513	1237	39.04	\$89.99*
<u>Intel Core i5-750 @ 2.67GHz</u>	3720	1184	93.62	\$39.74
<u>Intel Core i5-760 @ 2.80GHz</u>	3936	1135	18.84	\$209.00

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-1035G1 @ 1.00GHz	9023	433	56.38	\$297.00*
Intel Core i5-1035G7 @ 1.20GHz	8719	497	27.25	\$320.00*
Intel Core i5-2300 @ 2.80GHz	5366	856	67.09	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5535	830	29.71	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5773	795	62.09	\$93.00
Intel Core i5-2380P @ 3.10GHz	5762	797	32.01	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4223	1076	42.27	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5971	770	199.12	\$29.99
Intel Core i5-2400S @ 2.50GHz	4989	921	27.41	\$182.00*
Intel Core i5-2405S @ 2.50GHz	5082	898	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3170	1331	44.03	\$72.00*
Intel Core i5-2415M @ 2.30GHz	3303	1291	NA	NA
Intel Core i5-2430M @ 2.40GHz	3287	1294	36.93	\$89.02*
Intel Core i5-2435M @ 2.40GHz	3232	1309	NA	NA
Intel Core i5-2450M @ 2.50GHz	3400	1261	40.48	\$84.02
Intel Core i5-2450P @ 3.20GHz	6149	751	68.34	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2320	1625	NA	NA
Intel Core i5-2500 @ 3.30GHz	6352	732	115.50	\$55.00
Intel Core i5-2500K @ 3.30GHz	6488	719	14.94	\$434.26*
Intel Core i5-2500S @ 2.70GHz	5386	852	71.84	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4647	984	51.64	\$89.99*
Intel Core i5-2510E @ 2.50GHz	3483	1245	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1288	NA	NA
Intel Core i5-2520M @ 2.50GHz	3593	1212	21.19	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2064	1737	NA	NA
Intel Core i5-2540M @ 2.60GHz	3782	1165	65.19	\$58.02
Intel Core i5-2550K @ 3.40GHz	6672	703	35.12	\$190.00*
Intel Core i5-2557M @ 1.70GHz	2691	1495	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1175	NA	NA
Intel Core i5-3210M @ 2.50GHz	3828	1155	56.10	\$68.24*
Intel Core i5-3230M @ 2.60GHz	3943	1133	18.14	\$217.42
Intel Core i5-3317U @ 1.70GHz	3090	1360	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4132	1093	59.20	\$69.81

Intel Core i5-3330 @ 3.00GHz	5953 Passmark CPU Mark (higher is better)	773 Rank (lower is better)	29.77 CPU Value (higher is better)	\$200.00 Price (USD)
Intel Core i5-3337U @ 1.80GHz	3228	1311	14.35	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1676	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Benchmarks ▼

Intel Core i5-3340 @ 3.10GHz	6100	759	20.82	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4248	1071	53.14	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	785	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6154	750	41.03	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4439	1033	47.84	\$92.81
Intel Core i5-3380M @ 2.90GHz	4446	1031	NA	NA
Intel Core i5-3427U @ 1.80GHz	3547	1222	8.44	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3626	1204	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1415	NA	NA
Intel Core i5-3450 @ 3.10GHz	6534	716	29.79	\$219.33
Intel Core i5-3450S @ 2.80GHz	6229	741	42.96	\$145.01*
Intel Core i5-3470 @ 3.20GHz	6723	698	95.83	\$70.16
Intel Core i5-3470S @ 2.90GHz	6389	729	48.95	\$130.53
Intel Core i5-3470T @ 2.90GHz	4491	1021	14.54	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6622	709	46.15	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6965	671	69.67	\$99.99*
Intel Core i5-3550S @ 3.00GHz	6916	677	20.96	\$329.95*
Intel Core i5-3570 @ 3.40GHz	7140	655	111.58	\$63.99
Intel Core i5-3570K @ 3.40GHz	7186	651	22.12	\$324.88
Intel Core i5-3570S @ 3.10GHz	6756	692	23.71	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5914	777	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3929	1138	NA	NA
Intel Core i5-4200H @ 2.80GHz	4457	1027	NA	NA
Intel Core i5-4200M @ 2.50GHz	4036	1108	49.76	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3281	1296	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1596	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2262	1655	NA	NA
Intel Core i5-4210H @ 2.90GHz	4534	1013	NA	NA

Intel Core i5-4210M @ 2.60GHz	4208 Passmark CPU Mark (higher is better)	1080 Rank (lower is better)	13.58 CPU Value (higher is better)	\$309.95* Price (USD)
Intel Core i5-4220Y @ 1.60GHz	2307	1632	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1427	NA	NA
Intel Core i5-4250U @ 1.30GHz	3376	1271	9.41	\$359.00*
Intel Core i5-4258U @ 2.40GHz	4090	1101	NA	NA

CPU Benchmarks ▼

Intel Core i5-4260U @ 1.40GHz	3577	1218	NA	NA
Intel Core i5-4278U @ 2.60GHz	4371	1045	NA	NA
Intel Core i5-4288U @ 2.60GHz	4314	1061	NA	NA
Intel Core i5-4300M @ 2.60GHz	4444	1032	NA	NA
Intel Core i5-4300U @ 1.90GHz	3740	1179	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2505	1562	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1399	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	1077	NA	NA
Intel Core i5-4310M @ 2.70GHz	4654	981	NA	NA
Intel Core i5-4310U @ 2.00GHz	3783	1164	NA	NA
Intel Core i5-4330M @ 2.80GHz	4551	1007	16.55	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4861	947	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1207	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	1009	17.10	\$266.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4402E @ 1.60GHz	3947	1131	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1460	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6338	733	39.62	\$159.99
Intel Core i5-4430S @ 2.70GHz	5948	774	37.18	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6518	717	13.12	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6256	738	13.51	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6724	697	31.37	\$214.34
Intel Core i5-4460S @ 2.90GHz	6430	724	9.74	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4971	925	NA	NA
Intel Core i5-4570 @ 3.20GHz	7154	653	103.69	\$69.00
Intel Core i5-4570R @ 2.70GHz	6761	690	NA	NA
Intel Core i5-4570S @ 2.90GHz	6831	683	48.80	\$139.99
Intel Core i5-4570T @ 2.90GHz	4817	953	22.94	\$209.95

 CPU Benchmarks ▼

Intel Core i5-4570TE @ 2.70GHz CPU Name	Passmark 3827 CPU Mark (higher is	Rank 138 (lower is	CPU Value 58.14 (higher is	Price \$199.99* (USD)
Intel Core i5-4590S @ 3.00GHz	7070	661	58.93	\$119.99
Intel Core i5-4590T @ 2.00GHz	5624	810	26.79	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7472	623	32.21	\$232.00*
Intel Core i5-4670K @ 3.40GHz	7635	611	24.63	\$309.99
Intel Core i5-4670K CPT @ 3.40GHz	7411	631	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	629	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7407	633	34.78	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6155	749	23.76	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7690	602	31.55	\$243.77
Intel Core i5-4690K @ 3.50GHz	7799	589	49.06	\$159.00
Intel Core i5-4690S @ 3.20GHz	7426	628	20.67	\$359.21*
Intel Core i5-4690T @ 2.50GHz	6547	714	NA	NA
Intel Core i5-5200U @ 2.20GHz	3496	1242	12.44	\$281.00*
Intel Core i5-5250U @ 1.60GHz	3590	1216	8.12	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4409	1039	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	975	NA	NA
Intel Core i5-5300U @ 2.30GHz	3839	1151	7.07	\$543.39*
Intel Core i5-5350U @ 1.80GHz	3520	1236	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	621	NA	NA
Intel Core i5-5675C @ 3.10GHz	8135	550	26.25	\$309.95*
Intel Core i5-5675R @ 3.10GHz	7991	567	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4149	1089	NA	NA
Intel Core i5-6200U @ 2.30GHz	4010	1113	NA	NA
Intel Core i5-6260U @ 1.80GHz	4360	1048	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4888	939	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	966	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6095	762	NA	NA
Intel Core i5-6300U @ 2.40GHz	4366	1046	NA	NA
Intel Core i5-6360U @ 2.00GHz	4686	977	NA	NA
Intel Core i5-6400 @ 2.70GHz	6755	693	29.52	\$228.83*
Intel Core i5-6400T @ 2.20GHz	5615	813	21.60	\$259.95*
Intel Core i5-6402P @ 2.80GHz	7100	657	37.37	\$189.99*

Intel Core i5-6440EQ @ 2.70GHz	6223 Passmark	742 Rank	NA CPU Value	NA Price
CPU Name	CPU Mark	(lower is better)	(higher is better)	(USD)

CPU Benchmarks

	(higher is better)	(lower is better)	(higher is better)	(USD)
Intel Core i5-6500 @ 3.20GHz	7246	644	45.04	\$160.89
Intel Core i5-6500T @ 2.50GHz	6300	736	43.45	\$144.99*
Intel Core i5-6500TE @ 2.30GHz	6580	712	31.34	\$209.99

Intel Core i5-6600 @ 3.30GHz	7773	592	29.66	\$262.13*
Intel Core i5-6600K @ 3.50GHz	8058	555	30.63	\$263.11*
Intel Core i5-6600T @ 2.70GHz	7273	641	24.25	\$299.95*
Intel Core i5-7200U @ 2.50GHz	4564	1003	16.24	\$281.00*
Intel Core i5-7260U @ 2.20GHz	5638	809	10.11	\$557.79
Intel Core i5-7267U @ 3.10GHz	4999	918	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	808	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6715	699	NA	NA
Intel Core i5-7300U @ 2.60GHz	5162	887	12.32	\$419.00
Intel Core i5-7360U @ 2.30GHz	5855	782	NA	NA
Intel Core i5-7400 @ 3.00GHz	7235	646	34.82	\$207.81*
Intel Core i5-7400T @ 2.40GHz	6333	734	30.85	\$205.27
Intel Core i5-7440HQ @ 2.80GHz	7641	610	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	5901	779	23.60	\$250.00*
Intel Core i5-7500 @ 3.40GHz	7939	575	39.23	\$202.39
Intel Core i5-7500T @ 2.70GHz	6954	672	30.18	\$230.42
Intel Core i5-7600 @ 3.50GHz	8645	507	33.05	\$261.56
Intel Core i5-7600K @ 3.80GHz	9049	460	33.27	\$272.00
Intel Core i5-7600T @ 2.80GHz	7983	570	31.52	\$253.27
Intel Core i5-7640X @ 4.00GHz	9461	418	50.50	\$187.35
Intel Core i5-8200Y @ 1.30GHz	4339	1052	14.91	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4227	1075	NA	NA
Intel Core i5-8250U @ 1.60GHz	7653	608	NA	NA
Intel Core i5-8259U @ 2.30GHz	10995	295	16.97	\$648.00
Intel Core i5-8265U @ 1.60GHz	7992	566	26.91	\$297.00*
Intel Core i5-8265UC @ 1.60GHz	7780	591	NA	NA
Intel Core i5-8279U @ 2.40GHz	10623	319	33.20	\$320.00*
Intel Core i5-8300H @ 2.30GHz	9471	415	37.89	\$250.00*

<u>Intel Core i5-8305G @ 2.80GHz</u>	8947 Passmark CPU Mark (higher is better)	478 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
<u>Intel Core i5-8350U @ 1.70GHz</u>			37.14	\$129.00*
<u>Intel Core i5-8400 @ 2.80GHz</u>	11574	276	58.31	\$198.50
<u>Intel Core i5-8400H @ 2.50GHz</u>	10408	331	41.63	\$250.00*
<u>Intel Core i5-8400T @ 1.70GHz</u>	9507	412	47.78	\$199.00
<u>Intel Core i5-8500 @ 3.00GHz</u>	11807	271	56.49	\$209.00

CPU Benchmarks ▼

<u>Intel Core i5-8500B @ 3.00GHz</u>	12756	240	66.44	\$192.00*
<u>Intel Core i5-8500T @ 2.10GHz</u>	9992	366	42.64	\$234.36*
<u>Intel Core i5-8600 @ 3.10GHz</u>	12472	249	44.99	\$277.21*
<u>Intel Core i5-8600K @ 3.60GHz</u>	12679	244	44.32	\$286.10
<u>Intel Core i5-8600T @ 2.30GHz</u>	10981	297	29.92	\$366.99*
<u>Intel Core i5-9300H @ 2.40GHz</u>	9728	395	38.92	\$250.00*
<u>Intel Core i5-9400 @ 2.90GHz</u>	11977	267	63.04	\$189.99
<u>Intel Core i5-9400F @ 2.90GHz</u>	12111	264	83.53	\$144.99
<u>Intel Core i5-9400H @ 2.50GHz</u>	11435	277	45.74	\$250.00*
<u>Intel Core i5-9400T @ 1.80GHz</u>	10124	352	NA	NA
<u>Intel Core i5-9500 @ 3.00GHz</u>	12112	263	59.09	\$204.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i5-9500F @ 3.00GHz</u>	13225	224	65.47	\$202.00*
<u>Intel Core i5-9500T @ 2.20GHz</u>	10532	326	54.86	\$192.00*
<u>Intel Core i5-9600 @ 3.10GHz</u>	13931	197	62.19	\$224.00*
<u>Intel Core i5-9600K @ 3.70GHz</u>	13483	218	57.66	\$233.86
<u>Intel Core i5-9600KF @ 3.70GHz</u>	13579	212	56.58	\$239.99
<u>Intel Core i5-10210U @ 1.60GHz</u>	9245	439	31.13	\$297.00*
<u>Intel Core i5-24050S @ 2.50GHz</u>	4928	933	NA	NA
<u>Intel Core i7-7Y75 @ 1.30GHz</u>	3738	1180	NA	NA
<u>Intel Core i7-610 @ 2.53GHz</u>	1969	1776	NA	NA
<u>Intel Core i7-610E @ 2.53GHz</u>	2544	1544	NA	NA
<u>Intel Core i7-620LM @ 2.00GHz</u>	1954	1784	NA	NA
<u>Intel Core i7-620M @ 2.67GHz</u>	2719	1487	24.72	\$110.01
<u>Intel Core i7-620UM @ 1.07GHz</u>	1323	2100	NA	NA
<u>Intel Core i7-640LM @ 2.13GHz</u>	2245	1664	NA	NA
<u>Intel Core i7-640M @ 2.80GHz</u>	2827	1451	14.14	\$199.95
<u>Intel Core i7-640UM @ 1.20GHz</u>	1638	1951	NA	NA

 CPU Benchmarks ▼

Intel Core i7-660UM @ 1.33GHz CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-720QM @ 1.60GHz	3008	1384	27.37	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3190	1325	19.95	\$159.95*
Intel Core i7-820QM @ 1.73GHz	3219	1316	13.42	\$239.95*
Intel Core i7-840QM @ 1.87GHz	3411	1259	11.76	\$289.97*

Intel Core i7-860 @ 2.80GHz	5025	913	17.33	\$289.95*
Intel Core i7-860S @ 2.53GHz	4919	934	24.60	\$199.99*
Intel Core i7-870 @ 2.93GHz	5341	860	56.02	\$95.35
Intel Core i7-870S @ 2.67GHz	4849	951	NA	NA
Intel Core i7-875K @ 2.93GHz	5421	844	16.90	\$320.76
Intel Core i7-880 @ 3.07GHz	5505	832	9.44	\$583.00*
Intel Core i7-920 @ 2.67GHz	4914	935	119.86	\$41.00
Intel Core i7-920XM @ 2.00GHz	3724	1183	9.31	\$399.95*
Intel Core i7-930 @ 2.80GHz	5132	890	46.67	\$109.99
Intel Core i7-940 @ 2.93GHz	5332	861	51.28	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3967	1123	NA	NA
Intel Core i7-950 @ 3.07GHz	5540	828	135.16	\$40.99*
Intel Core i7-960 @ 3.20GHz	5798	788	20.71	\$280.00*
Intel Core i7-965 @ 3.20GHz	5850	784	5.80	\$1,008.95
Intel Core i7-970 @ 3.20GHz	8360	531	16.72	\$499.95*
Intel Core i7-975 @ 3.33GHz	6118	756	15.15	\$403.90*
Intel Core i7-980 @ 3.33GHz	8593	512	42.97	\$199.98*
Intel Core i7-980X @ 3.33GHz	8748	496	7.88	\$1,109.95
Intel Core i7-985 @ 3.47GHz	6641	706	NA	NA
Intel Core i7-990X @ 3.47GHz	9058	458	25.88	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	387	NA	NA
Intel Core i7-1065G7 @ 1.30GHz	10676	315	NA	NA
Intel Core i7-2600 @ 3.40GHz	8185	546	68.22	\$119.99
Intel Core i7-2600K @ 3.40GHz	8436	524	57.08	\$147.80
Intel Core i7-2600S @ 2.80GHz	7092	658	67.47	\$105.12
Intel Core i7-2610UE @ 1.50GHz	2481	1573	NA	NA
Intel Core i7-2617M @ 1.50GHz	2812	1457	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2620M @ 2.70GHz	3841	130	32.82	\$169.81*
Intel Core i7-2630UM @ 1.60GHz	2584	1527	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5478	835	NA	NA
Intel Core i7-2637M @ 1.70GHz	2900	1430	NA	NA
Intel Core i7-2640M @ 2.80GHz	3925	1139	32.73	\$119.95*

Intel Core i7-2655LE @ 2.20GHz	3229	1310	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5878	781	42.48	\$138.40*
Intel Core i7-2675QM @ 2.20GHz	5537	829	NA	NA
Intel Core i7-2677M @ 1.80GHz	2833	1448	NA	NA
Intel Core i7-2700K @ 3.50GHz	8693	502	28.41	\$305.99
Intel Core i7-2710QE @ 2.10GHz	5768	796	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	857	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6099	761	32.11	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6557	713	31.23	\$209.95
Intel Core i7-2820QM @ 2.30GHz	6646	705	34.79	\$191.02
Intel Core i7-2840QM @ 2.40GHz	6766	689	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6953	674	12.85	\$541.00*
Intel Core i7-2920XM @ 2.50GHz	6998	665	15.89	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	648	17.62	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3541	1223	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3150	1343	NA	NA
Intel Core i7-3520M @ 2.90GHz	4547	1010	34.45	\$132.02*
Intel Core i7-3537U @ 2.00GHz	3809	1161	NA	NA
Intel Core i7-3540M @ 3.00GHz	4666	978	10.85	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1124	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	715	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7458	625	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	700	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6816	684	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	624	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7389	634	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7581	613	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6928	676	30.13	\$229.95*

<u>Intel Core i7-3635QM @ 2.40GHz</u>	6677	702	NA	NA
CPU Name	Passmark	Rank	CPU Value	Price
<u>Intel Core i7-3667U @ 2.00GHz</u>	6574	(lower is better)	(higher is better)	(USD)
<u>Intel Core i7-3689Y @ 1.50GHz</u>	3220	1314	NA	NA
<u>Intel Core i7-3720QM @ 2.60GHz</u>	8122	553	22.38	\$363.00*
<u>Intel Core i7-3740QM @ 2.70GHz</u>	8310	536	34.63	\$239.95*
<u>Intel Core i7-3770 @ 3.40GHz</u>	9278	436	82.95	\$111.85

CPU Benchmarks ▼

<u>Intel Core i7-3770K @ 3.50GHz</u>	9515	411	27.19	\$349.98
<u>Intel Core i7-3770S @ 3.10GHz</u>	8904	482	23.94	\$372.00
<u>Intel Core i7-3770T @ 2.50GHz</u>	8204	544	24.86	\$329.99*
<u>Intel Core i7-3820 @ 3.60GHz</u>	8989	465	22.47	\$399.99
<u>Intel Core i7-3820QM @ 2.70GHz</u>	8404	527	29.49	\$285.00
<u>Intel Core i7-3840QM @ 2.80GHz</u>	8762	494	30.31	\$289.05
<u>Intel Core i7-3920XM @ 2.90GHz</u>	8981	469	8.19	\$1,096.00*
<u>Intel Core i7-3930K @ 3.20GHz</u>	11976	268	52.07	\$229.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i7-3940XM @ 3.00GHz</u>	9160	446	17.00	\$539.00*
<u>Intel Core i7-3960X @ 3.30GHz</u>	12575	247	13.82	\$909.99*
<u>Intel Core i7-3970X @ 3.50GHz</u>	12696	243	24.90	\$509.94*
<u>Intel Core i7-4500U @ 1.80GHz</u>	3788	1163	NA	NA
<u>Intel Core i7-4510U @ 2.00GHz</u>	3916	1141	NA	NA
<u>Intel Core i7-4550U @ 1.50GHz</u>	3676	1196	NA	NA
<u>Intel Core i7-4558U @ 2.80GHz</u>	4401	1040	NA	NA
<u>Intel Core i7-4560U @ 1.60GHz</u>	4329	1054	NA	NA
<u>Intel Core i7-4578U @ 3.00GHz</u>	4780	961	NA	NA
<u>Intel Core i7-4600M @ 2.90GHz</u>	4898	938	NA	NA
<u>Intel Core i7-4600U @ 2.10GHz</u>	4105	1099	NA	NA
<u>Intel Core i7-4610M @ 3.00GHz</u>	4913	936	NA	NA
<u>Intel Core i7-4610Y @ 1.70GHz</u>	3746	1178	NA	NA
<u>Intel Core i7-4650U @ 1.70GHz</u>	3950	1129	NA	NA
<u>Intel Core i7-4700EQ @ 2.40GHz</u>	7203	649	NA	NA
<u>Intel Core i7-4700HQ @ 2.40GHz</u>	7734	598	20.19	\$383.00*
<u>Intel Core i7-4700MQ @ 2.40GHz</u>	7689	603	40.68	\$189.00*
<u>Intel Core i7-4702HQ @ 2.20GHz</u>	7413	630	NA	NA
<u>Intel Core i7-4702MQ @ 2.20GHz</u>	7131	656	30.09	\$237.01

 CPU Benchmarks ▼

<u>Intel Core i7-4710HQ @ 2.50GHz</u> CPU Name	Passmark 7722 CPU Mark (higher is better)	Rank 600 (lower is better)	CPU Value 60.43 (higher is better)	Price \$378.00* (USD)
<u>Intel Core i7-4712HQ @ 2.30GHz</u>	7535	618	NA	NA
<u>Intel Core i7-4712MQ @ 2.30GHz</u>	7197	650	NA	NA
<u>Intel Core i7-4720HQ @ 2.60GHz</u>	7990	568	NA	NA
<u>Intel Core i7-4722HQ @ 2.40GHz</u>	8093	554	NA	NA
<u>Intel Core i7-4750HQ @ 2.00GHz</u>	8202	545	NA	NA
<u>Intel Core i7-4760HQ @ 2.10GHz</u>	8793	489	NA	NA
<u>Intel Core i7-4765T @ 2.00GHz</u>	7305	639	18.26	\$399.99*
<u>Intel Core i7-4770 @ 3.40GHz</u>	9782	390	60.03	\$162.95
<u>Intel Core i7-4770HQ @ 2.20GHz</u>	8961	472	NA	NA
<u>Intel Core i7-4770K @ 3.50GHz</u>	10076	357	29.38	\$343.00
<u>Intel Core i7-4770R @ 3.20GHz</u>	9830	383	NA	NA
<u>Intel Core i7-4770S @ 3.10GHz</u>	9347	427	15.32	\$610.00*
<u>Intel Core i7-4770T @ 2.50GHz</u>	8604	510	21.51	\$399.99*
<u>Intel Core i7-4770TE @ 2.30GHz</u>	6732	695	NA	NA
<u>Intel Core i7-4771 @ 3.50GHz</u>	9863	381	16.17	\$609.99*
<u>Intel Core i7-4785T @ 2.20GHz</u>	7647	609	NA	NA
<u>Intel Core i7-4790 @ 3.60GHz</u>	9990	369	51.54	\$193.82
<u>Intel Core i7-4790K @ 4.00GHz</u>	11165	287	39.88	\$279.99
<u>Intel Core i7-4790S @ 3.20GHz</u>	9559	409	35.54	\$269.00
<u>Intel Core i7-4790T @ 2.70GHz</u>	9068	454	25.19	\$359.99
<u>Intel Core i7-4800MQ @ 2.70GHz</u>	8444	522	41.39	\$204.00*
<u>Intel Core i7-4810MQ @ 2.80GHz</u>	8655	506	45.56	\$189.95*
<u>Intel Core i7-4820K @ 3.70GHz</u>	9720	397	44.19	\$219.99*
<u>Intel Core i7-4850HQ @ 2.30GHz</u>	9056	459	20.87	\$434.00*
<u>Intel Core i7-4860EQ @ 1.80GHz</u>	7899	578	NA	NA
<u>Intel Core i7-4860HQ @ 2.40GHz</u>	9289	435	NA	NA
<u>Intel Core i7-4870HQ @ 2.50GHz</u>	9349	426	NA	NA
<u>Intel Core i7-4900MQ @ 2.80GHz</u>	8986	467	15.32	\$586.67*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i7-4910MQ @ 2.90GHz</u>	9346	428	20.32	\$459.95*
<u>Intel Core i7-4930K @ 3.40GHz</u>	13023	231	27.39	\$475.50
<u>Intel Core i7-4930MX @ 3.00GHz</u>	9444	422	8.62	\$1,096.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4940MX @ 3.10GHz	9794	56	15.80	\$709.95*
Intel Core i7-4960X @ 3.60GHz	13813	205	17.94	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10296	339	NA	NA
Intel Core i7-5500U @ 2.40GHz	3979	1119	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1149	NA	NA
Intel Core i7-5557U @ 3.10GHz	4952	928	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4328	1055	NA	NA
Intel Core i7-5650U @ 2.20GHz	4242	1073	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	547	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	541	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8347	534	NA	NA
Intel Core i7-5775C @ 3.30GHz	10869	306	15.84	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10879	305	NA	NA
Intel Core i7-5820K @ 3.30GHz	13012	232	52.05	\$249.99
Intel Core i7-5850EQ @ 2.70GHz	9817	385	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	420	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13664	207	41.53	\$329.00*
Intel Core i7-5950HQ @ 2.90GHz	10850	307	NA	NA
Intel Core i7-5960X @ 3.00GHz	15993	145	15.34	\$1,042.93
Intel Core i7-6498DU @ 2.50GHz	4437	1034	NA	NA
Intel Core i7-6500U @ 2.50GHz	4424	1035	11.26	\$393.00*
Intel Core i7-6560U @ 2.20GHz	4816	954	NA	NA
Intel Core i7-6567U @ 3.30GHz	5574	822	NA	NA
Intel Core i7-6600U @ 2.60GHz	4802	958	NA	NA
Intel Core i7-6650U @ 2.20GHz	4975	923	NA	NA
Intel Core i7-6700 @ 3.40GHz	10003	364	29.86	\$334.99
Intel Core i7-6700HQ @ 2.60GHz	8128	551	21.50	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11109	289	35.54	\$312.61*
Intel Core i7-6700T @ 2.80GHz	9000	464	23.94	\$375.99
Intel Core i7-6700TE @ 2.40GHz	8674	504	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9720	398	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13565	213	39.79	\$340.98
Intel Core i7-6820EQ @ 2.80GHz	8630	508	NA	NA

Intel Core i7-6820HK @ 2.70GHz	9122	450	NA	NA
CPU Name	Passmark	Rank	CPU Value	Price
Intel Core i7-6820HK @ 2.70GHz	CPU Mark	(lower is better)	(higher is better)	(USD)
Intel Core i7-6850K @ 3.60GHz	14373	185	28.59	\$502.75
Intel Core i7-6900K @ 3.20GHz	17612	110	22.15	\$794.99
Intel Core i7-6920HQ @ 2.90GHz	9560	408	16.83	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19922	73	11.01	\$1,809.95

CPU Benchmarks ▼

Intel Core i7-7500U @ 2.70GHz	5125	891	NA	NA
Intel Core i7-7560U @ 2.40GHz	5778	792	NA	NA
Intel Core i7-7567U @ 3.50GHz	6464	720	7.26	\$889.98
Intel Core i7-7600U @ 2.80GHz	5110	894	NA	NA
Intel Core i7-7660U @ 2.50GHz	5987	769	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7700 @ 3.60GHz	10686	313	35.64	\$299.81
Intel Core i7-7700HQ @ 2.80GHz	8766	493	23.19	\$378.00*
Intel Core i7-7700K @ 4.20GHz	11995	265	35.28	\$339.99
Intel Core i7-7700T @ 2.90GHz	9304	433	30.11	\$309.00*
Intel Core i7-7740X @ 4.30GHz	12225	258	37.50	\$325.99
Intel Core i7-7800X @ 3.50GHz	14634	179	28.70	\$509.99*
Intel Core i7-7820EQ @ 3.00GHz	9144	448	24.19	\$378.00*
Intel Core i7-7820HK @ 2.90GHz	9956	372	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9242	440	24.45	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18522	95	31.17	\$594.20
Intel Core i7-7900X @ 3.30GHz	20474	66	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9991	367	NA	NA
Intel Core i7-8086K @ 4.00GHz	16681	123	30.17	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3971	1121	10.11	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8247	539	NA	NA
Intel Core i7-8559U @ 2.70GHz	12214	259	22.45	\$543.99
Intel Core i7-8565U @ 1.80GHz	8901	483	NA	NA
Intel Core i7-8650U @ 1.90GHz	8696	498	21.21	\$409.99
Intel Core i7-8665U @ 1.90GHz	8972	471	21.94	\$409.00*
Intel Core i7-8700 @ 3.20GHz	15142	165	38.90	\$389.30
Intel Core i7-8700B @ 3.20GHz	14802	176	48.85	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15930	147	44.88	\$354.99

 CPU Benchmarks ▼

Intel Core i7-8700T @ 2.40GHz CPU Name	Passmark 12628 CPU Mark (higher is better)	Rank 245 (lower is better)	CPU Value 36.88 (higher is better)	Price \$409.00 (USD)
Intel Core i7-8706G @ 3.10GHz	10539	324	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	391	NA	NA
Intel Core i7-8750H @ 2.20GHz	12401	250	31.40	\$395.00*
Intel Core i7-8809G @ 3.10GHz	10981	296	NA	NA

Intel Core i7-8850H @ 2.60GHz	12983	233	32.87	\$395.00*
Intel Core i7-9700 @ 3.00GHz	15840	152	45.26	\$349.99
Intel Core i7-9700F @ 3.00GHz	16470	128	48.32	\$340.84
Intel Core i7-9700K @ 3.60GHz	17193	114	47.24	\$363.99
Intel Core i7-9700KF @ 3.60GHz	17136	116	47.60	\$359.99
Intel Core i7-9700T @ 2.00GHz	13296	222	41.17	\$323.00*
Intel Core i7-9750H @ 2.60GHz	13483	217	NA	NA
Intel Core i7-9800X @ 3.80GHz	19690	82	32.58	\$604.29
Intel Core i7-9850H @ 2.60GHz	14107	193	35.71	\$395.00*
Intel Core i7-10510U @ 1.80GHz	9887	377	24.17	\$409.00*
Intel Core i7-10710U @ 1.10GHz	13052	230	29.46	\$443.00*
Intel Core i9-7900X @ 3.30GHz	21879	51	21.88	\$999.99*
Intel Core i9-7920X @ 2.90GHz	23304	40	17.31	\$1,346.25*
Intel Core i9-7940X @ 3.10GHz	25424	22	19.56	\$1,299.99*
Intel Core i9-7960X @ 2.80GHz	26077	18	19.32	\$1,349.99*
Intel Core i9-7980XE @ 2.60GHz	27647	15	23.45	\$1,178.93
Intel Core i9-8950HK @ 2.90GHz	14251	189	24.44	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21648	54	37.67	\$574.68
Intel Core i9-9880H @ 2.30GHz	16813	121	30.24	\$556.00*
Intel Core i9-9900 @ 3.10GHz	18384	100	41.78	\$439.99
Intel Core i9-9900K @ 3.60GHz	20199	71	42.80	\$471.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-9900KF @ 3.60GHz	20423	67	43.46	\$469.99
Intel Core i9-9900X @ 3.50GHz	23035	42	26.79	\$859.98
Intel Core i9-9920X @ 3.50GHz	25238	26	25.24	\$999.99
Intel Core i9-9940X @ 3.30GHz	27124	16	22.69	\$1,195.51
Intel Core i9-9960X @ 3.10GHz	27930	13	16.93	\$1,649.99
Intel Core i9-9980HK @ 2.40GHz	17635	109	30.25	\$583.00*

 CPU Benchmarks ▼

<u>Intel Core i9-9980XE @ 3.00GHz</u> CPU Name	Passmark 29629 CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
<u>Intel Core i9-9980XE @ 3.00GHz</u>	29629	1	15.49	\$1,949.99
<u>Intel Core m3-7Y30 @ 1.00GHz</u>	3528	1231	NA	NA
<u>Intel Core m3-7Y32 @ 1.10GHz</u>	3318	1286	NA	NA
<u>Intel Core m3-8100Y @ 1.10GHz</u>	3531	1229	12.57	\$281.00*
<u>Intel Core m5-6Y54 @ 1.10GHz</u>	3352	1276	NA	NA
<u>Intel Core m5-6Y57 @ 1.10GHz</u>	3227	1312	NA	NA
<u>Intel Core m7-6Y75 @ 1.20GHz</u>	3459	1250	NA	NA
<u>Intel Core M-5Y10 @ 0.80GHz</u>	2653	1506	NA	NA
<u>Intel Core M-5Y10a @ 0.80GHz</u>	2387	1606	NA	NA
<u>Intel Core M-5Y10c @ 0.80GHz</u>	2818	1455	10.03	\$281.00*
<u>Intel Core M-5Y31 @ 0.90GHz</u>	2832	1449	NA	NA
<u>Intel Core M-5Y51 @ 1.10GHz</u>	2508	1559	NA	NA
<u>Intel Core M-5Y70 @ 1.10GHz</u>	2912	1421	NA	NA
<u>Intel Core M-5Y71 @ 1.20GHz</u>	2991	1391	10.65	\$281.00*
<u>Intel Core Solo T1300 @ 1.66GHz</u>	393	2678	NA	NA
<u>Intel Core Solo T1350 @ 1.86GHz</u>	396	2671	NA	NA
<u>Intel Core Solo T1400 @ 1.83GHz</u>	470	2588	NA	NA
<u>Intel Core Solo U1300 @ 1.06GHz</u>	273	2831	NA	NA
<u>Intel Core Solo U1400 @ 1.20GHz</u>	278	2825	NA	NA
<u>Intel Core Solo U1500 @ 1.33GHz</u>	330	2747	NA	NA
<u>Intel E3000 @ 3.40GHz</u>	2767	1470	NA	NA
<u>Intel Pentium 4 1.40GHz</u>	164	2932	NA	NA
<u>Intel Pentium 4 1.50GHz</u>	131	2949	NA	NA
<u>Intel Pentium 4 1.60GHz</u>	129	2951	NA	NA
<u>Intel Pentium 4 1.70GHz</u>	132	2948	NA	NA
<u>Intel Pentium 4 1.80GHz</u>	161	2935	NA	NA
<u>Intel Pentium 4 1.90GHz</u>	159	2936	NA	NA
<u>Intel Pentium 4 2.00GHz</u>	189	2914	NA	NA
<u>Intel Pentium 4 2.20GHz</u>	209	2896	NA	NA
<u>Intel Pentium 4 2.26GHz</u>	221	2884	NA	NA
<u>Intel Pentium 4 2.40GHz</u>	228	2878	NA	NA
<u>Intel Pentium 4 2.50GHz</u>	245	2862	NA	NA
<u>Intel Pentium 4 2.53GHz</u>	248	2858	NA	NA

<u>Intel Pentium 4 2.60GHz</u>	288	2804	NA	NA
Passmark	CPU Mark	Rank	CPU Value	Price
Intel Pentium 4 2.66GHz	254	(lower is better)	(higher is better)	(USD)
<u>Intel Pentium 4 2.93GHz</u>	293	2795	NA	NA
<u>Intel Pentium 4 3.00GHz</u>	353	2724	NA	NA
<u>Intel Pentium 4 3.06GHz</u>	347	2727	NA	NA
<u>Intel Pentium 4 3.20GHz</u>	373	2698	NA	NA

 CPU Benchmarks ▼

<u>Intel Pentium 4 3.40GHz</u>	395	2674	NA	NA
<u>Intel Pentium 4 3.46GHz</u>	454	2606	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Pentium 4 3.60GHz</u>	487	2567	NA	NA
<u>Intel Pentium 4 3.73GHz</u>	486	2570	NA	NA
<u>Intel Pentium 4 3.80GHz</u>	485	2572	NA	NA
<u>Intel Pentium 4 3.83GHz</u>	195	2909	NA	NA
<u>Intel Pentium 4 4.00GHz</u>	184	2919	NA	NA
<u>Intel Pentium 4 1300MHz</u>	119	2955	NA	NA
<u>Intel Pentium 4 1400MHz</u>	127	2952	NA	NA
<u>Intel Pentium 4 1500MHz</u>	125	2953	NA	NA
<u>Intel Pentium 4 1600MHz</u>	193	2913	0.30	\$647.45*
<u>Intel Pentium 4 1700MHz</u>	154	2939	NA	NA
<u>Intel Pentium 4 1800MHz</u>	162	2934	NA	NA
<u>Intel Pentium 4 Mobile 1.40GHz</u>	149	2942	NA	NA
<u>Intel Pentium 4 Mobile 1.50GHz</u>	197	2908	NA	NA
<u>Intel Pentium 4 Mobile 1.60GHz</u>	178	2925	NA	NA
<u>Intel Pentium 4 Mobile 1.70GHz</u>	208	2897	NA	NA
<u>Intel Pentium 4 Mobile 1.80GHz</u>	175	2928	NA	NA
<u>Intel Pentium 4 Mobile 1.90GHz</u>	209	2895	NA	NA
<u>Intel Pentium 4 Mobile 2.00GHz</u>	202	2904	NA	NA
<u>Intel Pentium 5 2.66GHz</u>	705	2447	NA	NA
<u>Intel Pentium 957 @ 1.20GHz</u>	1095	2232	8.18	\$134.00*
<u>Intel Pentium 967 @ 1.30GHz</u>	1139	2213	NA	NA
<u>Intel Pentium 977 @ 1.40GHz</u>	1148	2207	NA	NA
<u>Intel Pentium 987 @ 1.50GHz</u>	1225	2161	NA	NA
<u>Intel Pentium 997 @ 1.60GHz</u>	1395	2059	NA	NA
<u>Intel Pentium 1403 @ 2.60GHz</u>	2742	1481	NA	NA

 CPU Benchmarks ▼

<u>Intel Pentium 1403 v2 @ 2.60GHz</u> CPU Name	Passmark 3018 CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Pentium 2030M @ 2.50GHz</u>	2398	1601	17.90	\$134.00*
<u>Intel Pentium 2117U @ 1.80GHz</u>	1655	1944	12.35	\$134.00*
<u>Intel Pentium 2127U @ 1.90GHz</u>	1821	1856	13.59	\$134.00*
<u>Intel Pentium 2129Y @ 1.10GHz</u>	1062	2252	7.93	\$134.00*

<u>Intel Pentium 3550M @ 2.30GHz</u>	2268	1654	NA	NA
<u>Intel Pentium 3556U @ 1.70GHz</u>	1671	1930	NA	NA
<u>Intel Pentium 3558U @ 1.70GHz</u>	1672	1929	NA	NA
<u>Intel Pentium 3560M @ 2.40GHz</u>	2269	1653	NA	NA
<u>Intel Pentium 3560Y @ 1.20GHz</u>	1266	2139	NA	NA
<u>Intel Pentium 3805U @ 1.90GHz</u>	1965	1778	NA	NA
<u>Intel Pentium 3825U @ 1.90GHz</u>	2519	1554	NA	NA
<u>Intel Pentium 4405U @ 2.10GHz</u>	2931	1413	NA	NA
<u>Intel Pentium 4405Y @ 1.50GHz</u>	2059	1740	NA	NA
<u>Intel Pentium 4410Y @ 1.50GHz</u>	2050	1744	12.73	\$161.00*
<u>Intel Pentium 4415U @ 2.30GHz</u>	3149	1344	NA	NA
<u>Intel Pentium 4415Y @ 1.60GHz</u>	2220	1675	13.79	\$161.00*
<u>Intel Pentium 4417U @ 2.30GHz</u>	3213	1317	19.96	\$161.00*
<u>Intel Pentium 5405U @ 2.30GHz</u>	3184	1326	19.78	\$161.00*
<u>Intel Pentium A1018 @ 2.10GHz</u>	1605	1968	NA	NA
<u>Intel Pentium B940 @ 2.00GHz</u>	1727	1892	57.71	\$29.94*
<u>Intel Pentium B950 @ 2.10GHz</u>	1716	1899	NA	NA
<u>Intel Pentium B960 @ 2.20GHz</u>	1853	1835	37.83	\$48.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Pentium B970 @ 2.30GHz</u>	1953	1785	38.32	\$50.99*
<u>Intel Pentium B980 @ 2.40GHz</u>	2026	1752	28.97	\$69.95*
<u>Intel Pentium D1508 @ 2.20GHz</u>	3813	1160	29.56	\$129.00*
<u>Intel Pentium D 805 @ 2.66GHz</u>	529	2536	NA	NA
<u>Intel Pentium D 830 @ 3.00GHz</u>	642	2480	NA	NA
<u>Intel Pentium D 915 @ 2.80GHz</u>	582	2507	NA	NA
<u>Intel Pentium D 940 @ 3.20GHz</u>	709	2444	NA	NA
<u>Intel Pentium D 950 @ 3.40GHz</u>	742	2432	NA	NA
<u>Intel Pentium D 960 @ 3.60GHz</u>	811	2402	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Pentium E2140 @ 1.60GHz	870	2309	31.31	\$157.95*
Intel Pentium E2180 @ 2.00GHz	1087	2238	36.27	\$29.99
Intel Pentium E2200 @ 2.20GHz	1203	2174	16.04	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2187	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	2096	15.48	\$85.99*

Intel Pentium E5200 @ 2.50GHz	1487	2023	41.38	\$35.94
Intel Pentium E5300 @ 2.60GHz	1538	1997	59.24	\$25.98*
Intel Pentium E5400 @ 2.70GHz	1596	1975	89.90	\$17.76*
Intel Pentium E5500 @ 2.80GHz	1636	1952	62.95	\$25.99
Intel Pentium E5700 @ 3.00GHz	1737	1890	115.94	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1888	1821	62.97	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1706	1909	165.68	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1764	1874	11.17	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1860	1833	18.61	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1932	1796	64.43	\$29.99
Intel Pentium E6800 @ 3.33GHz	1988	1767	22.34	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2355	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2317	NA	NA
Intel Pentium G620 @ 2.60GHz	2287	1640	91.53	\$24.99*
Intel Pentium G620T @ 2.20GHz	2033	1749	25.42	\$79.99*
Intel Pentium G630 @ 2.70GHz	2371	1611	23.71	\$100.00
Intel Pentium G630T @ 2.30GHz	2089	1723	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2519	1553	16.80	\$150.00*
Intel Pentium G640T @ 2.40GHz	1979	1771	NA	NA
Intel Pentium G645 @ 2.90GHz	2588	1526	64.72	\$40.00
Intel Pentium G645T @ 2.50GHz	2255	1658	NA	NA
Intel Pentium G840 @ 2.80GHz	2559	1540	73.14	\$34.99*
Intel Pentium G850 @ 2.90GHz	2664	1504	13.46	\$197.99
Intel Pentium G860 @ 3.00GHz	2736	1484	32.97	\$82.99
Intel Pentium G870 @ 3.10GHz	2819	1454	29.07	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2597	1523	51.95	\$50.00
Intel Pentium G2020 @ 2.90GHz	2753	1479	45.92	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2410	1504	50.04	\$47.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2020 @ 2.50GHz	2418	1591	50.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2866	1440	71.69	\$39.99*
Intel Pentium G2100T @ 2.60GHz	2763	1475	NA	NA
Intel Pentium G2120 @ 3.10GHz	3079	1366	19.30	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3200	1320	64.01	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3377	1270	41.18	\$82.00*

CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3220 @ 3.00GHz	3125	1350	30.17	\$103.60
Intel Pentium G3220T @ 2.60GHz	2561	1538	40.67	\$62.98
Intel Pentium G3240 @ 3.10GHz	3154	1340	39.44	\$79.99
Intel Pentium G3240T @ 2.70GHz	2840	1444	NA	NA
Intel Pentium G3250 @ 3.20GHz	3242	1306	29.48	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2969	1402	33.00	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3865	1144	55.24	\$69.98
Intel Pentium G3260 @ 3.30GHz	3357	1274	23.99	\$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1414	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1603	NA	NA
Intel Pentium G3420 @ 3.20GHz	3396	1264	61.45	\$55.27
Intel Pentium G3420T @ 2.70GHz	3008	1386	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1265	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3319	1285	20.75	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1357	NA	NA
Intel Pentium G3450 @ 3.40GHz	3695	1191	36.96	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1403	NA	NA
Intel Pentium G3460 @ 3.50GHz	3584	1217	12.44	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3714	1187	35.62	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3539	1224	50.56	\$70.00
Intel Pentium G4400T @ 2.90GHz	3163	1334	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1438	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3792	1162	37.68	\$100.63
Intel Pentium G4500T @ 3.00GHz	3471	1247	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1082	38.05	\$109.98
Intel Pentium G4560 @ 3.50GHz	4863	946	49.42	\$98.42*
Intel Pentium G4560T @ 2.90GHz	3990	1117	36.28	\$109.99*

 CPU Benchmarks ▼

<u>Intel Pentium G4600 @ 3.60GHz</u> CPU Name	Passmark 5075 CPU Mark (higher is better)	Rank 890 (lower is better)	CPU Value 45.13 (higher is better)	Price \$239.95 (USD)
<u>Intel Pentium G4620 @ 3.70GHz</u>	5214	878	45.88	\$113.66*
<u>Intel Pentium G6950 @ 2.80GHz</u>	1860	1834	46.52	\$39.99*
<u>Intel Pentium G6951 @ 2.80GHz</u>	2135	1704	22.72	\$94.00*
<u>Intel Pentium G6960 @ 2.93GHz</u>	2059	1741	NA	NA

<u>Intel Pentium Gold G5400 @ 3.70GHz</u>	5212	879	84.75	\$61.50
<u>Intel Pentium Gold G5400T @ 3.10GHz</u>	4884	941	76.31	\$64.00*
<u>Intel Pentium Gold G5420 @ 3.80GHz</u>	5447	842	67.26	\$80.99
<u>Intel Pentium Gold G5500 @ 3.80GHz</u>	5195	881	30.57	\$169.94*
<u>Intel Pentium Gold G5500T @ 3.20GHz</u>	4346	1050	57.95	\$75.00*
<u>Intel Pentium Gold G5600 @ 3.90GHz</u>	5570	823	58.68	\$94.93
<u>Intel Pentium Gold G5600F @ 3.90GHz</u>	5736	801	NA	NA
<u>Intel Pentium III 933S @ 933MHz</u>	238	2870	NA	NA
<u>Intel Pentium III 1133 @ 1133MHz</u>	284	2808	NA	NA
<u>Intel Pentium III 1200 @ 1200MHz</u>	278	2824	NA	NA
<u>Intel Pentium III 1266S @ 1266MHz</u>	309	2769	NA	NA
<u>Intel Pentium III 1400 @ 1400MHz</u>	297	2788	NA	NA
<u>Intel Pentium III 1400S @ 1400MHz</u>	299	2785	NA	NA
<u>Intel Pentium III Mobile 750MHz</u>	103	2958	NA	NA
<u>Intel Pentium III Mobile 800MHz</u>	182	2922	NA	NA
<u>Intel Pentium III Mobile 866MHz</u>	152	2940	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Pentium III Mobile 933MHz</u>	218	2886	7.55	\$28.99
<u>Intel Pentium III Mobile 1000MHz</u>	245	2861	NA	NA
<u>Intel Pentium III Mobile 1066MHz</u>	246	2860	NA	NA
<u>Intel Pentium III Mobile 1133MHz</u>	251	2854	NA	NA
<u>Intel Pentium III Mobile 1200MHz</u>	240	2868	NA	NA
<u>Intel Pentium J2850 @ 2.41GHz</u>	1839	1845	NA	NA
<u>Intel Pentium J2900 @ 2.41GHz</u>	1972	1773	NA	NA
<u>Intel Pentium J3710 @ 1.60GHz</u>	1913	1805	NA	NA
<u>Intel Pentium J4205 @ 1.50GHz</u>	2270	1652	NA	NA
<u>Intel Pentium M 1.10GHz</u>	282	2815	NA	NA
<u>Intel Pentium M 1.20GHz</u>	298	2786	NA	NA

 CPU Benchmarks ▼

Intel Pentium M 1.30GHz CPU Name	Passmark 301 CPU Mark (higher is	Rank (lower is	QRU Value (higher is	Price (USD)
Intel Pentium M 1.50GHz	366	2708	NA	NA
Intel Pentium M 1.60GHz	364	2711	NA	NA
Intel Pentium M 1.70GHz	406	2656	NA	NA
Intel Pentium M 1.73GHz	413	2647	NA	NA
Intel Pentium M 1.80GHz	411	2649	NA	NA
Intel Pentium M 1.86GHz	438	2623	NA	NA
Intel Pentium M 2.00GHz	461	2598	NA	NA
Intel Pentium M 2.10GHz	448	2611	NA	NA
Intel Pentium M 2.13GHz	499	2560	NA	NA
Intel Pentium M 2.26GHz	509	2553	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2577	NA	NA
Intel Pentium M 900MHz	217	2890	NA	NA
Intel Pentium M 1000MHz	233	2874	NA	NA
Intel Pentium M 1100MHz	259	2846	NA	NA
Intel Pentium M 1200MHz	237	2871	NA	NA
Intel Pentium M 1300MHz	303	2773	NA	NA
Intel Pentium M 1400MHz	320	2755	NA	NA
Intel Pentium M 1500MHz	354	2721	NA	NA
Intel Pentium M 1600MHz	335	2741	NA	NA
Intel Pentium M 1700MHz	376	2693	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	2004	NA	NA
Intel Pentium N3520 @ 2.16GHz	1807	1859	NA	NA
Intel Pentium N3530 @ 2.16GHz	1912	1807	NA	NA
Intel Pentium N3540 @ 2.16GHz	1933	1794	7.71	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1836	1846	4.13	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1863	1832	NA	NA
Intel Pentium N4200 @ 1.10GHz	2035	1747	8.70	\$233.98*
Intel Pentium P6000 @ 1.87GHz	1243	2154	NA	NA
Intel Pentium P6100 @ 2.00GHz	1327	2098	46.67	\$28.44*
Intel Pentium P6200 @ 2.13GHz	1351	2085	30.06	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1388	2065	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2901	1429	13.20	\$219.92*

Intel Pentium Silver N5000 @ 1.10GHz	2458 Passmark CPU Mark (higher is better)	1578 Rank (lower is better)	15.27 CPU Value (higher is better)	\$161.00* Price (USD)
Intel Pentium T1080 @ 1.73GHz	842	2384	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2468	NA	NA

CPU Benchmarks ▼

Intel Pentium T2080 @ 1.73GHz	705	2448	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	708	2445	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2434	NA	NA
Intel Pentium T2330 @ 1.60GHz	831	2390	NA	NA
Intel Pentium T2370 @ 1.73GHz	849	2382	24.26	\$35.00*
Intel Pentium T2390 @ 1.86GHz	948	2329	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2305	NA	NA
Intel Pentium T3200 @ 2.00GHz	1032	2266	86.01	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1114	2220	12.39	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1152	2204	96.02	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1231	2158	NA	NA
Intel Pentium T4400 @ 2.20GHz	1281	2128	NA	NA
Intel Pentium T4500 @ 2.30GHz	1334	2094	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2397	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2326	NA	NA
Intel T1200 @ 1.50GHz	435	2629	NA	NA
Intel T1400 @ 1.73GHz	929	2342	NA	NA
Intel T1500 @ 1.86GHz	953	2324	NA	NA
Intel T2050 @ 2.00GHz	959	2321	NA	NA
Intel Xeon 2.00GHz	233	2873	NA	NA
Intel XEON 2.20GHz	252	2852	NA	NA
Intel Xeon 2.40GHz	276	2827	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2628	NA	NA
Intel Xeon 2.80GHz	400	2669	NA	NA
Intel Xeon 3.00GHz	391	2682	NA	NA
Intel Xeon 3.06GHz	491	2564	NA	NA
Intel Xeon 3.20GHz	461	2599	NA	NA
Intel Xeon 3.40GHz	478	2581	NA	NA

Intel Xeon 3.60GHz	509 Passmark CPU Mark (higher is better)	2552 Rank (lower is better)	0.60 CPU Value (higher is better)	\$851.00*
Intel Xeon 1500MHz	193	2912	NA	NA
Intel Xeon 3040 @ 1.86GHz	1278	2131	51.05	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2111	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	2005	66.07	\$22.99*

CPU Benchmarks ▼

Intel Xeon 3065 @ 2.33GHz	1520	2003	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1869	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1844	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1984	NA	NA
Intel Xeon 5110 @ 1.60GHz	1084	2242	30.99	\$35.00*
Intel Xeon 5120 @ 1.86GHz	1248	2153	0.77	\$1,619.99*
Intel Xeon 5130 @ 2.00GHz	1366	2075	43.44	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1973	NA	NA
Intel Xeon 5140 @ 2.33GHz	1635	1954	65.44	\$24.99*
Intel Xeon 5148 @ 2.33GHz	1590	1979	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1752	1883	12.53	\$139.95*
Intel Xeon 5160 @ 3.00GHz	1956	1781	52.18	\$37.49*
Intel Xeon @ 2.00GHz	11327	281	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon @ 2.20GHz	1902	1811	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5582	819	23.31	\$239.53
Intel Xeon Bronze 3106 @ 1.70GHz	6890	679	19.34	\$356.27
Intel Xeon D-1518 @ 2.20GHz	5322	866	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	799	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	667	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	543	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9643	403	27.71	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	599	13.54	\$571.00*
Intel Xeon D-1539 @ 1.60GHz	8443	523	17.37	\$486.00*
Intel Xeon D-1540 @ 2.00GHz	10740	310	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11064	291	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	314	19.24	\$555.00*
Intel Xeon D-1557 @ 1.50GHz	10950	300	15.78	\$694.00*

 CPU Benchmarks ▼

Intel Xeon D-1559 @ 1.50GHz CPU Name	Passmark 8055 CPU Mark (higher is	Rank 536 (lower is	QRU Value (higher is	Price (USD)
Intel Xeon D-1587 @ 1.70GHz	14049	195	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8150	548	38.26	\$213.00*
Intel Xeon D-2141L @ 2.20GHz	12836	237	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	204	24.41	\$566.00*
Intel Xeon D-2146NT @ 2.30GHz	10968	298	17.11	\$641.00*
Intel Xeon D-2183IT @ 2.20GHz	19381	88	10.99	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6250	739	117.99	\$52.98
Intel Xeon E3-1220 V2 @ 3.10GHz	6732	696	112.26	\$59.97
Intel Xeon E3-1220 v3 @ 3.10GHz	7178	652	53.57	\$133.99
Intel Xeon E3-1220 v5 @ 3.00GHz	7772	593	29.17	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7769	594	36.73	\$211.54
Intel Xeon E3-1220L @ 2.20GHz	3606	1210	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	1036	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2070	1734	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	6092	763	95.21	\$63.99
Intel Xeon E3-1225 V2 @ 3.20GHz	6968	670	100.99	\$69.00
Intel Xeon E3-1225 v3 @ 3.20GHz	7238	645	53.23	\$135.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7834	584	29.23	\$268.04
Intel Xeon E3-1225 v6 @ 3.30GHz	7958	573	34.04	\$233.80
Intel Xeon E3-1226 v3 @ 3.30GHz	7574	615	12.73	\$595.00*
Intel Xeon E3-1230 @ 3.20GHz	7851	582	81.80	\$95.99
Intel Xeon E3-1230 V2 @ 3.30GHz	8868	487	113.70	\$78.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9324	430	43.37	\$215.00
Intel Xeon E3-1230 v5 @ 3.40GHz	9742	394	22.57	\$431.65*
Intel Xeon E3-1230 v6 @ 3.50GHz	9784	389	37.26	\$262.59
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	647	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9629	406	18.88	\$509.95
Intel Xeon E3-1235 @ 3.20GHz	7757	596	31.79	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	721	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7975	572	81.39	\$97.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9159	447	72.15	\$126.95
Intel Xeon E3-1240 v3 @ 3.40GHz	9677	401	25.17	\$384.40*

Intel Xeon E3-1240 v5 @ 3.50GHz	10317 Passmark	334 Rank	30.20 CPU Value	\$341.67*
CPU Name	CPU Mark Passmark CPU (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1240 v6 @ 3.70GHz	10472	329	36.35	\$288.10
Intel Xeon E3-1240L v3 @ 2.00GHz	7486	620	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	590	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10015	362	27.07	\$369.99

CPU Benchmarks ▼

Intel Xeon E3-1245 @ 3.30GHz	8040	558	75.86	\$105.99
Intel Xeon E3-1245 V2 @ 3.40GHz	9127	449	58.14	\$156.99
Intel Xeon E3-1245 v3 @ 3.40GHz	9586	407	37.59	\$255.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10155	348	29.41	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10533	325	33.78	\$311.82
Intel Xeon E3-1246 v3 @ 3.50GHz	9865	380	24.12	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6266	737	111.85	\$56.02
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	343	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	5961	772	6.49	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7455	626	50.37	\$148.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9188	445	12.94	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	457	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	583	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	499	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8247	538	26.18	\$315.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9464	417	49.82	\$189.99
Intel Xeon E3-1270 v3 @ 3.50GHz	9919	374	49.60	\$199.99
Intel Xeon E3-1270 v5 @ 3.60GHz	10297	337	21.52	\$478.48
Intel Xeon E3-1270 v6 @ 3.80GHz	11171	286	32.99	\$338.61
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	312	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10117	354	11.39	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8122	552	26.72	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9434	423	23.90	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	10048	358	25.06	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10353	333	24.94	\$415.13*
Intel Xeon E3-1275 v6 @ 3.80GHz	11028	293	30.38	\$362.95
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	484	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10209	344	9.51	\$1,073.00*

Intel Xeon E3-1280 @ 3.50GHz	8416 Passmark CPU Mark (higher is better)	526 Rank (lower is better)	25.34 CPU Value (higher is better)	\$332.20 Price (USD)
Intel Xeon E3-1280 v2 @ 3.60GHz	10666	317	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11041	292	23.72	\$465.53
Intel Xeon E3-1281 v3 @ 3.70GHz	10031	359	11.43	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	330	NA	NA

CPU Benchmarks

Intel Xeon E3-1285 v4 @ 3.50GHz	10510	328	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11992	266	26.65	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	371	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	299	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	375	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	414	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8768	492	9.91	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9697	400	10.96	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	731	NA	NA
Intel Xeon E3-1505L v6 @ 2.20GHz	7887	579	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1505M v5 @ 2.80GHz	8953	477	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9653	402	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10016	361	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9345	429	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10557	322	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10309	335	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10616	320	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	309	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	350	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7265	643	148.31	\$48.99*
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	627	NA	NA
Intel Xeon E5-1428L v2 @ 2.20GHz	8679	503	17.57	\$494.00*
Intel Xeon E5-1603 @ 2.80GHz	5576	821	278.94	\$19.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6202	745	62.03	\$99.99*
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	723	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5894	780	210.89	\$27.95*
Intel Xeon E5-1607 v2 @ 3.00GHz	6217	743	177.91	\$34.95*

 CPU Benchmarks ▼

Intel Xeon E5-1607 v3 @ 3.10GHz CPU Name	Passmark 7039 CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1620 @ 3.60GHz	9067	455	139.50	\$65.00*
Intel Xeon E5-1620 v2 @ 3.70GHz	9497	413	161.00	\$58.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9747	393	60.92	\$159.99*
Intel Xeon E5-1620 v4 @ 3.50GHz	9935	373	32.75	\$303.34

Intel Xeon E5-1630 v3 @ 3.70GHz	10228	342	21.40	\$477.99
Intel Xeon E5-1630 v4 @ 3.70GHz	10296	338	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11738	273	23.71	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12746	241	115.94	\$109.94
Intel Xeon E5-1650 v3 @ 3.50GHz	13621	210	86.22	\$157.99
Intel Xeon E5-1650 v4 @ 3.60GHz	14226	190	28.00	\$508.00*
Intel Xeon E5-1660 @ 3.30GHz	12251	256	9.99	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13901	200	49.30	\$281.99
Intel Xeon E5-1660 v3 @ 3.00GHz	14656	178	9.07	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16203	139	13.18	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16323	134	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16325	133	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17063	118	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	102	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1234	29.31	\$120.23
Intel Xeon E5-2403 v2 @ 1.80GHz	3590	1215	99.76	\$35.99*
Intel Xeon E5-2407 @ 2.20GHz	4188	1081	49.32	\$84.92
Intel Xeon E5-2407 v2 @ 2.40GHz	4648	982	40.23	\$115.56*
Intel Xeon E5-2418L @ 2.00GHz	5202	880	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7063	662	18.11	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8693	501	165.05	\$52.67*
Intel Xeon E5-2430 @ 2.20GHz	7695	601	202.51	\$38.00*
Intel Xeon E5-2430 v2 @ 2.50GHz	9061	456	187.76	\$48.26
Intel Xeon E5-2430L @ 2.00GHz	7834	585	242.71	\$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	708	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9221	442	230.59	\$39.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	434	18.22	\$509.95*

 CPU Benchmarks ▼

Intel Xeon E5-2448L v2 @ 1.80GHz CPU Name	Passmark CPU Mark (higher is	Rank (lower is	GPU Value (higher is	Price (USD)
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	26	62.29	\$1,424.00*
Intel Xeon E5-2450L @ 1.80GHz	8261	537	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	11144	288	87.07	\$128.00*
Intel Xeon E5-2470 v2 @ 2.40GHz	11268	284	50.76	\$222.00
Intel Xeon E5-2603 @ 1.80GHz	3591	1214	74.95	\$47.92

Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1169	62.78	\$59.99*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	885	77.05	\$67.23
Intel Xeon E5-2603 v4 @ 1.70GHz	5431	843	20.89	\$260.00*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	581	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4607	995	47.97	\$96.04*
Intel Xeon E5-2609 v2 @ 2.50GHz	5160	888	108.63	\$47.50
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	778	55.66	\$106.03
Intel Xeon E5-2609 v4 @ 1.70GHz	6905	678	19.20	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	261	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	180	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7904	576	65.88	\$119.99
Intel Xeon E5-2620 v2 @ 2.10GHz	8600	511	215.07	\$39.99
Intel Xeon E5-2620 v3 @ 2.40GHz	9994	365	142.79	\$69.99
Intel Xeon E5-2620 v4 @ 2.10GHz	11306	282	28.29	\$399.66
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	466	13.85	\$649.00*
Intel Xeon E5-2623 v4 @ 2.60GHz	8506	516	15.50	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	424	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	253	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	229	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	294	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8923	479	223.42	\$39.94
Intel Xeon E5-2630 v2 @ 2.60GHz	10368	332	81.60	\$127.06
Intel Xeon E5-2630 v3 @ 2.40GHz	12797	238	130.59	\$98.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13910	199	21.12	\$658.70*
Intel Xeon E5-2630L @ 2.00GHz	8041	557	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	453	232.44	\$39.10*
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	396	28.62	\$339.95*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	236	NA	NA

Intel Xeon E5-2637 @ 3.00GHz	4508 Passmark	1017 Rank	5.09 CPU Value	\$885.00*
CPU Name	CPU Mark	Rank	CPU Value	Price
Intel Xeon E5-2637 v2 @ 3.50GHz	10512	327	9.65	\$1,089.14
Intel Xeon E5-2640 @ 2.50GHz	9399	425	156.79	\$59.95
Intel Xeon E5-2640 v2 @ 2.00GHz	10189	347	49.72	\$204.95
Intel Xeon E5-2640 v3 @ 2.60GHz	13864	203	19.49	\$711.29*

CPU Benchmarks ▼

Intel Xeon E5-2640 v4 @ 2.40GHz	15420	160	16.76	\$920.27*
Intel Xeon E5-2643 @ 3.30GHz	8451	520	140.98	\$59.95
Intel Xeon E5-2643 v2 @ 3.50GHz	13148	226	82.21	\$159.95
Intel Xeon E5-2643 v3 @ 3.40GHz	13887	201	55.55	\$250.00*
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	219	8.06	\$1,671.25*
Intel Xeon E5-2648L @ 1.80GHz	6698	701	NA	NA
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	279	7.70	\$1,479.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	278	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	208	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	177	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10259	340	227.99	\$45.00
Intel Xeon E5-2650 v2 @ 2.60GHz	13226	223	183.57	\$72.05
Intel Xeon E5-2650 v3 @ 2.30GHz	14875	174	114.43	\$129.99
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	150	15.73	\$1,009.00
Intel Xeon E5-2650L @ 1.80GHz	8483	518	107.39	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	379	72.74	\$135.84*
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	215	58.19	\$232.22
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	194	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	283	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9632	405	6.59	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	202	77.09	\$179.99*
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	137	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	17275	112	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11256	285	85.82	\$131.16
Intel Xeon E5-2660 v2 @ 2.20GHz	13142	227	75.54	\$173.98*
Intel Xeon E5-2660 v3 @ 2.60GHz	16309	136	47.53	\$343.11
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	120	11.25	\$1,499.99*

 CPU Benchmarks ▼

Intel Xeon E5-2663 v3 @ 2.80GHz CPU Name	Passmark 13994 CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2667 @ 2.90GHz	10671	316	206.41	\$51.70
Intel Xeon E5-2667 v2 @ 3.30GHz	16158	141	48.96	\$330.00
Intel Xeon E5-2667 v3 @ 3.20GHz	16174	140	40.62	\$398.14
Intel Xeon E5-2667 v4 @ 3.20GHz	16631	126	8.53	\$1,949.03*

Intel Xeon E5-2670 @ 2.60GHz	12370	251	176.72	\$70.00
Intel Xeon E5-2670 v2 @ 2.50GHz	15021	168	9.70	\$1,548.90
Intel Xeon E5-2670 v3 @ 2.30GHz	16647	125	107.41	\$154.99
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	135	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16401	131	23.43	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21458	57	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15137	166	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	108	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17078	117	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	25	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12899	234	167.68	\$76.93
Intel Xeon E5-2680 v2 @ 2.80GHz	15890	149	88.77	\$179.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18467	98	61.76	\$299.00
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	75	13.18	\$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	68	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17373	111	34.07	\$509.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	92	8.62	\$2,208.93*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	169	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	90	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	77	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14339	187	69.27	\$207.00
Intel Xeon E5-2687W v2 @ 3.40GHz	16370	132	45.49	\$359.90
Intel Xeon E5-2687W v3 @ 3.10GHz	17795	106	30.16	\$589.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2687W v4 @ 3.00GHz	19863	76	9.13	\$2,174.99*
Intel Xeon E5-2689 @ 2.60GHz	13300	221	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	79	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13730	206	127.15	\$107.99

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2690 v2 @ 3.00GHz	16406	30	88.53	\$425.80
Intel Xeon E5-2690 v4 @ 2.60GHz	21167	61	9.75	\$2,169.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	144	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	16041	143	61.94	\$258.99*
Intel Xeon E5-2695 v3 @ 2.30GHz	19710	81	40.23	\$489.99

Intel Xeon E5-2695 v4 @ 2.10GHz	20258	69	7.81	\$2,595.45
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	127	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22172	46	8.88	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	60	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17198	113	45.30	\$379.62
Intel Xeon E5-2697 v3 @ 2.60GHz	21412	59	47.96	\$446.50
Intel Xeon E5-2697 v4 @ 2.30GHz	21435	58	7.02	\$3,054.99*
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	44	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	63	28.47	\$739.00
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	52	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	45	18.51	\$1,209.00
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	39	6.98	\$3,359.50
Intel Xeon E5-4603 @ 2.00GHz	5014	917	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	441	NA	NA
Intel Xeon E5-4610 @ 2.40GHz	9552	410	7.81	\$1,223.00*
Intel Xeon E5-4610 v3 @ 1.70GHz	8853	488	7.26	\$1,219.00*
Intel Xeon E5-4617 @ 2.90GHz	9313	432	103.59	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	9248	437	68.91	\$134.21*
Intel Xeon E5-4627 v2 @ 3.30GHz	12511	248	24.58	\$508.95*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	182	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	158	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10701	311	3.92	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	242	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	290	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11685	274	166.96	\$69.99*
Intel Xeon E5-4650L @ 2.60GHz	12145	262	101.22	\$119.99*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	254	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	148	11.36	\$1,399.00*

<u>Intel Xeon E5-4660 v3 @ 2.10GHz</u>	15840 Passmark CPU Mark	151 Rank (lower is better)	3.30 CPU Value (higher is better)	\$4,800.00* Price (USD)
<u>Intel Xeon E7- 2830 @ 2.13GHz</u>	3118	1353	1.75	\$1,779.00*
<u>Intel Xeon E3110 @ 3.00GHz</u>	2159	1696	93.93	\$22.99*
<u>Intel Xeon E3113 @ 3.00GHz</u>	2427	1588	247.99	\$9.79*
<u>Intel Xeon E3120 @ 3.16GHz</u>	2241	1667	NA	NA

CPU Benchmarks ▼

<u>Intel Xeon E5205 @ 1.86GHz</u>	1401	2057	148.77	\$9.42*
<u>Intel Xeon E5240 @ 3.00GHz</u>	2424	1589	27.31	\$88.78*
<u>Intel Xeon E5310 @ 1.60GHz</u>	2214	1677	45.19	\$49.00*
<u>Intel Xeon E5320 @ 1.86GHz</u>	2288	1639	59.05	\$38.75*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E5335 @ 2.00GHz</u>	2513	1558	141.45	\$17.77*
<u>Intel Xeon E5345 @ 2.33GHz</u>	2886	1437	72.17	\$39.99*
<u>Intel Xeon E5405 @ 2.00GHz</u>	2835	1447	70.97	\$39.95*
<u>Intel Xeon E5410 @ 2.33GHz</u>	3261	1299	15.61	\$208.95*
<u>Intel Xeon E5420 @ 2.50GHz</u>	3484	1244	55.35	\$62.95*
<u>Intel Xeon E5430 @ 2.66GHz</u>	3749	1177	33.78	\$110.99*
<u>Intel Xeon E5440 @ 2.83GHz</u>	3960	1128	40.00	\$99.00*
<u>Intel Xeon E5450 @ 3.00GHz</u>	4180	1083	77.42	\$54.00*
<u>Intel Xeon E5462 @ 2.80GHz</u>	3872	1142	141.84	\$27.30*
<u>Intel Xeon E5472 @ 3.00GHz</u>	4084	1102	135.96	\$30.04*
<u>Intel Xeon E5502 @ 1.87GHz</u>	1378	2071	14.51	\$95.00*
<u>Intel Xeon E5503 @ 2.00GHz</u>	1381	2068	4.81	\$287.01*
<u>Intel Xeon E5504 @ 2.00GHz</u>	2680	1498	38.32	\$69.95*
<u>Intel Xeon E5506 @ 2.13GHz</u>	2974	1398	47.21	\$63.01*
<u>Intel Xeon E5507 @ 2.27GHz</u>	3125	1349	6.84	\$456.91*
<u>Intel Xeon E5520 @ 2.27GHz</u>	4379	1044	306.91	\$14.27*
<u>Intel Xeon E5530 @ 2.40GHz</u>	4494	1020	345.72	\$13.00*
<u>Intel Xeon E5540 @ 2.53GHz</u>	4747	969	80.46	\$59.00*
<u>Intel Xeon E5603 @ 1.60GHz</u>	2366	1613	18.34	\$129.04*
<u>Intel Xeon E5606 @ 2.13GHz</u>	3054	1374	13.95	\$219.00*
<u>Intel Xeon E5607 @ 2.27GHz</u>	3371	1272	48.71	\$69.21*
<u>Intel Xeon E5620 @ 2.40GHz</u>	4771	962	69.35	\$68.80
<u>Intel Xeon E5630 @ 2.53GHz</u>	5055	905	144.43	\$35.00*

 CPU Benchmarks ▼

Intel Xeon E5640 @ 2.67GHz CPU Name	Passmark 5250 CPU Mark (higher is better)	Rank (lower is better)	CPU Value 87.86 (higher is better)	Price \$27.99* (USD)
Intel Xeon E5649 @ 2.53GHz	6889	680	66.22	\$104.04
Intel Xeon E7320 @ 2.13GHz	2413	1593	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	586	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9467	416	43.04	\$219.99*
Intel Xeon E-2124G @ 3.40GHz	9891	376	38.94	\$254.00
Intel Xeon E-2126G @ 3.30GHz	13583	211	45.28	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10882	304	39.20	\$277.64
Intel Xeon E-2136 @ 3.30GHz	15793	154	48.68	\$324.46*
Intel Xeon E-2144G @ 3.60GHz	11381	280	32.34	\$351.90*
Intel Xeon E-2146G @ 3.50GHz	15620	155	44.00	\$354.99*
Intel Xeon E-2174G @ 3.80GHz	12250	257	30.40	\$402.99
Intel Xeon E-2176G @ 3.70GHz	15527	157	27.93	\$555.99*
Intel Xeon E-2176M @ 2.70GHz	13510	216	30.02	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	15838	153	30.17	\$524.99*
Intel Xeon E-2186M @ 2.90GHz	14519	181	23.31	\$623.00*
Intel Xeon E-2224 @ 3.40GHz	10241	341	51.72	\$198.00*
Intel Xeon E-2224G @ 3.50GHz	10008	363	45.91	\$218.00*
Intel Xeon E-2226G @ 3.40GHz	12887	235	49.57	\$260.00*
Intel Xeon E-2244G @ 3.80GHz	12782	239	46.99	\$272.00*
Intel Xeon E-2246G @ 3.60GHz	16714	122	53.74	\$311.00*
Intel Xeon E-2274G @ 4.00GHz	12595	246	37.71	\$334.00*
Intel Xeon E-2276M @ 2.80GHz	14981	170	33.29	\$450.00*
Intel Xeon E-2286M @ 2.40GHz	18477	97	29.66	\$623.00*
Intel Xeon E-2288G @ 3.70GHz	19666	84	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 5117 @ 2.00GHz	16672	124	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16435	129	15.66	\$1,049.36*
Intel Xeon Gold 5120 @ 2.20GHz	18253	101	11.69	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	103	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10896	303	8.55	\$1,274.02
Intel Xeon Gold 5218 @ 2.30GHz	22576	43	16.55	\$1,363.94
Intel Xeon Gold 6126 @ 2.60GHz	19711	80	10.48	\$1,880.37

 CPU Benchmarks ▼

Intel Xeon Gold 6128 @ 3.40GHz CPU Name	Passmark 14941 CPU Mark (higher is	Rank (lower is	GPU Value (higher is	Price \$1,759.75*
Intel Xeon Gold 6132 @ 2.60GHz	23907	35	9.53	\$2,508.95*
Intel Xeon Gold 6134 @ 3.20GHz	18083	104	8.41	\$2,150.00
Intel Xeon Gold 6136 @ 3.00GHz	21061	62	8.06	\$2,613.59*
Intel Xeon Gold 6138 @ 2.00GHz	25774	20	9.55	\$2,698.95

Intel Xeon Gold 6140 @ 2.30GHz	23964	34	9.82	\$2,439.99*
Intel Xeon Gold 6144 @ 3.50GHz	19667	83	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	27	5.46	\$4,608.95*
Intel Xeon Gold 6148 @ 2.40GHz	25817	19	8.83	\$2,925.00*
Intel Xeon Gold 6152 @ 2.10GHz	23498	37	6.35	\$3,702.12*
Intel Xeon Gold 6154 @ 3.00GHz	27722	14	7.09	\$3,909.00*
Intel Xeon Gold 6210U @ 2.50GHz	28560	11	NA	NA
Intel Xeon Gold 6230 @ 2.10GHz	24600	28	12.30	\$1,999.95
Intel Xeon Gold 6242 @ 2.80GHz	25313	24	9.19	\$2,754.53
Intel Xeon L3110 @ 3.00GHz	2273	1650	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1172	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2092	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3943	1134	8.82	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1855	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1651	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1646	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1703	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1477	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3014	1382	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1273	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3501	1241	127.32	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3724	1182	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1186	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4324	1057	337.35	\$12.82*
Intel Xeon L5530 @ 2.40GHz	4389	1042	227.93	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4338	1053	206.69	\$20.99*
Intel Xeon L5638 @ 2.00GHz	5622	811	80.43	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6869	682	NA	NA

Intel Xeon L5640 @ 2.27GHz	6232 Passmark CPU Mark (higher is better)	740 Rank (lower is better)	74.77 CPU Value (higher is better)	\$83.36* Price (USD)
Intel Xeon L5640 @ 2.27GHz	6232	740	74.77	\$83.36*
Intel Xeon Platinum 8124M @ 3.00GHz	26835	17	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	675	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	9	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	10	NA	NA

CPU Benchmarks ▼

Intel Xeon Platinum 8175M @ 2.50GHz	28103	12	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Platinum 8175M @ 2.50GHz	28103	12	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	24434	32	2.80	\$8,725.00*
Intel Xeon Silver 4108 @ 1.80GHz	10838	308	27.62	\$392.43
Intel Xeon Silver 4109T @ 2.00GHz	10946	301	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11657	275	25.91	\$449.99
Intel Xeon Silver 4112 @ 2.60GHz	8611	509	16.75	\$513.99*
Intel Xeon Silver 4114 @ 2.20GHz	14279	188	21.65	\$659.44*
Intel Xeon Silver 4116 @ 2.10GHz	15509	159	16.44	\$943.13*
Intel Xeon Silver 4123 @ 3.00GHz	15185	164	NA	NA
Intel Xeon Silver 4208 @ 2.10GHz	13116	228	28.48	\$460.54
Intel Xeon Silver 4210 @ 2.20GHz	15974	146	30.54	\$523.07
Intel Xeon Silver 4214 @ 2.20GHz	17722	107	22.12	\$801.03*
Intel Xeon Silver 4215 @ 2.50GHz	15200	163	20.29	\$749.00*
Intel Xeon Silver 4216 @ 2.10GHz	19538	87	19.41	\$1,006.58
Intel Xeon W3503 @ 2.40GHz	1756	1879	175.87	\$9.99*
Intel Xeon W3505 @ 2.53GHz	1844	1840	74.18	\$24.86*
Intel Xeon W3520 @ 2.67GHz	4941	929	102.95	\$48.00*
Intel Xeon W3530 @ 2.80GHz	5218	877	17.75	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5412	845	271.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5567	824	185.64	\$29.99*
Intel Xeon W3565 @ 3.20GHz	5778	793	289.05	\$19.99*
Intel Xeon W3570 @ 3.20GHz	6047	767	12.60	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6183	747	28.83	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8021	562	16.04	\$499.99*
Intel Xeon W3680 @ 3.33GHz	8904	481	55.67	\$159.95*
Intel Xeon W3690 @ 3.47GHz	8980	470	74.84	\$120.00*
Intel Xeon W5580 @ 3.20GHz	5836	787	54.53	\$107.03*

 CPU Benchmarks ▼

Intel Xeon W5590 @ 3.33GHz 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	622	29.32	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10665	318	33.43	\$318.99
Intel Xeon W-2125 @ 4.00GHz	12316	252	25.17	\$489.42*
Intel Xeon W-2133 @ 3.60GHz	14382	184	23.31	\$617.00*

Intel Xeon W-2135 @ 3.70GHz	16276	138	18.08	\$900.15*
Intel Xeon W-2140B @ 3.20GHz	18610	94	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19765	78	16.61	\$1,189.76
Intel Xeon W-2150B @ 3.00GHz	21543	56	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21917	50	14.32	\$1,530.39*
Intel Xeon W-2170B @ 2.50GHz	24561	29	NA	NA
Intel Xeon W-2175 @ 2.50GHz	24454	31	11.60	\$2,107.24
Intel Xeon W-2195 @ 2.30GHz	24081	33	8.88	\$2,712.39
Intel Xeon W-3175X @ 3.10GHz	33538	3	11.02	\$3,042.69
Intel Xeon W-3265 @ 2.70GHz	31691	6	9.46	\$3,349.00*
Intel Xeon X3210 @ 2.13GHz	2740	1482	14.76	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1361	51.35	\$60.15*
Intel Xeon X3230 @ 2.66GHz	3398	1262	47.53	\$71.50*
Intel Xeon X3320 @ 2.50GHz	3306	1290	14.41	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3178	1328	164.16	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3340	1282	15.91	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1157	63.69	\$59.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3353 @ 2.66GHz	3853	1148	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3934	1136	24.91	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3983	1118	116.86	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	1064	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4600	997	9.02	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3342	1280	104.48	\$31.99*
Intel Xeon X3440 @ 2.53GHz	4511	1016	31.78	\$141.96*
Intel Xeon X3450 @ 2.67GHz	4749	967	59.40	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5147	889	14.42	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5327	864	43.79	\$121.68

 CPU Benchmarks ▼

<u>Intel Xeon X3480 @ 3.07GHz</u> CPU Name	Passmark CPU Mark (higher is	Rank (lower is	QRU Value (higher is	Price (USD)
<u>Intel Xeon X5270 @ 3.50GHz</u>	2553	1543	NA	NA
<u>Intel Xeon X5272 @ 3.40GHz</u>	2394	1602	17.10	\$140.00*
<u>Intel Xeon X5355 @ 2.66GHz</u>	3170	1330	10.23	\$309.95
<u>Intel Xeon X5365 @ 3.00GHz</u>	3524	1233	45.19	\$77.99*
<u>Intel Xeon X5450 @ 3.00GHz</u>	4106	1097	68.49	\$59.96*
<u>Intel Xeon X5460 @ 3.16GHz</u>	4323	1058	43.33	\$99.78
<u>Intel Xeon X5470 @ 3.33GHz</u>	4578	1002	24.23	\$189.00*
<u>Intel Xeon X5472 @ 3.00GHz</u>	4001	1114	17.78	\$225.00*
<u>Intel Xeon X5482 @ 3.20GHz</u>	4529	1014	45.30	\$99.99*
<u>Intel Xeon X5492 @ 3.40GHz</u>	4865	944	3.50	\$1,391.29*
<u>Intel Xeon X5550 @ 2.67GHz</u>	5270	869	17.29	\$304.85*
<u>Intel Xeon X5560 @ 2.80GHz</u>	5405	848	159.04	\$33.99*
<u>Intel Xeon X5570 @ 2.93GHz</u>	5614	815	63.08	\$89.00
<u>Intel Xeon X5647 @ 2.93GHz</u>	5797	789	290.91	\$19.93*
<u>Intel Xeon X5650 @ 2.67GHz</u>	7298	640	248.35	\$29.39*
<u>Intel Xeon X5660 @ 2.80GHz</u>	7585	612	90.18	\$84.12*
<u>Intel Xeon X5667 @ 3.07GHz</u>	6198	746	265.70	\$23.33*
<u>Intel Xeon X5670 @ 2.93GHz</u>	7813	587	229.80	\$34.00
<u>Intel Xeon X5672 @ 3.20GHz</u>	6461	722	143.61	\$44.99*
<u>Intel Xeon X5675 @ 3.07GHz</u>	7993	565	148.06	\$53.99
<u>Intel Xeon X5677 @ 3.47GHz</u>	6773	688	177.87	\$38.08*
<u>Intel Xeon X5679 @ 3.20GHz</u>	8958	473	NA	NA
<u>Intel Xeon X5680 @ 3.33GHz</u>	8354	533	119.34	\$70.00
<u>Intel Xeon X5687 @ 3.60GHz</u>	6976	668	123.88	\$56.32*
<u>Intel Xeon X5690 @ 3.47GHz</u>	8791	490	71.47	\$123.00
<u>Intel Xeon X5698 @ 4.40GHz</u>	4272	1066	NA	NA
<u>Intel Xeon X6550 @ 2.00GHz</u>	2977	1397	NA	NA
<u>Mobile AMD Athlon 4</u>	314	2763	3.62	\$86.99*
<u>Mobile AMD Athlon 4 2400+</u>	358	2718	NA	NA
<u>Mobile AMD Athlon 64 2700+</u>	398	2670	NA	NA
<u>Mobile AMD Athlon 64 2800+</u>	440	2620	NA	NA
<u>Mobile AMD Athlon 64 3000+</u>	450	2608	NA	NA

<u>Mobile AMD Athlon 64 3200+</u>	448 Passmark CPU Mark Athlon 64	2612 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Mobile AMD Athlon 64 4000+</u>	576	2512	NA	NA
<u>Mobile AMD Athlon 1400+</u>	266	2838	NA	NA

 **CPU Benchmarks** ▼

<u>Mobile AMD Athlon 2500+</u>	370	2702	NA	NA
<u>Mobile AMD Athlon MP-M 1800+</u>	265	2839	NA	NA
<u>Mobile AMD Athlon MP-M 2000+</u>	378	2692	NA	NA
<u>Mobile AMD Athlon MP-M 2400+</u>	295	2792	NA	NA
<u>Mobile AMD Athlon MP-M 2800+</u>	496	2562	NA	NA
<u>Mobile AMD Athlon XP</u>	572	2516	45.81	\$12.49
<u>Mobile AMD Athlon XP-M</u>	512	2550	NA	NA
<u>Mobile AMD Athlon XP-M 1400+</u>	184	2920	NA	NA
<u>Mobile AMD Athlon XP-M 1500+</u>	261	2842	NA	NA
<u>Mobile AMD Athlon XP-M 1600+</u>	260	2844	NA	NA
<u>Mobile AMD Athlon XP-M 1700+</u>	323	2751	NA	NA
<u>Mobile AMD Athlon XP-M 1800+</u>	297	2787	NA	NA
<u>Mobile AMD Athlon XP-M 1900+</u>	342	2735	NA	NA
<u>Mobile AMD Athlon XP-M 2000+</u>	300	2781	NA	NA
<u>Mobile AMD Athlon XP-M 2200+</u>	364	2712	NA	NA
<u>Mobile AMD Athlon XP-M 2400+</u>	346	2730	NA	NA
<u>Mobile AMD Athlon XP-M 2500+</u>	346	2728	NA	NA
<u>Mobile AMD Athlon XP-M 2600+</u>	370	2701	NA	NA
<u>Mobile AMD Athlon XP-M 2800+</u>	365	2710	NA	NA
<u>Mobile AMD Athlon XP-M 3000+</u>	365	2709	NA	NA
<u>Mobile AMD Athlon XP-M 3100+</u>	440	2621	NA	NA
<u>Mobile AMD Athlon XP-M 3200+</u>	487	2568	NA	NA
<u>Mobile AMD Athlon XP-M (LV)</u>	508	2554	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 1500+</u>	288	2800	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 1600+</u>	296	2791	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 2000+</u>	335	2740	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 2200+</u>	373	2699	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 2800+</u>	475	2584	NA	NA

<u>Mobile AMD Athlon XP-M (LV) 3200+</u>	505	2557	NA	NA
CPU Name	Passmark	Rank	CPU Value	Price
<u>Mobile AMD Sempron 2100+</u>	CPU Mark	(lower is better)	(higher is better)	(USD)
<u>Mobile AMD Sempron 2800+</u>	361	2715	NA	NA
<u>Mobile AMD Sempron 3000+</u>	389	2686	NA	NA
<u>Mobile AMD Sempron 3100+</u>	416	2643	NA	NA
<u>Mobile AMD Sempron 3200+</u>	354	2722	NA	NA

CPU Benchmarks ▼

<u>Mobile AMD Sempron 3300+</u>	446	2616	NA	NA
<u>Mobile AMD Sempron 3400+</u>	441	2619	NA	NA
<u>Mobile AMD Sempron 3500+</u>	408	2652	NA	NA
<u>Mobile AMD Sempron 3600+</u>	427	2637	NA	NA
<u>Mobile AMD Sempron 3800+</u>	485	2573	NA	NA
<u>Mobile Intel Celeron 1.20GHz</u>	170	2931	NA	NA
<u>Mobile Intel Celeron 1.50GHz</u>	188	2915	NA	NA
<u>Mobile Intel Celeron 1.60GHz</u>	188	2916	NA	NA
<u>Mobile Intel Celeron 1.70GHz</u>	181	2924	NA	NA
<u>Mobile Intel Celeron 1.80GHz</u>	186	2918	NA	NA
<u>Mobile Intel Celeron 2.00GHz</u>	204	2900	NA	NA
<u>Mobile Intel Celeron 2.20GHz</u>	226	2880	NA	NA
<u>Mobile Intel Celeron 2.40GHz</u>	236	2872	NA	NA
<u>Mobile Intel Celeron 2.50GHz</u>	281	2819	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Mobile Intel Celeron 1200MHz</u>	294	2793	NA	NA
<u>Mobile Intel Celeron 1333MHz</u>	280	2821	NA	NA
<u>Mobile Intel Pentium 4 2.30GHz</u>	278	2826	6.38	\$43.56*
<u>Mobile Intel Pentium 4 2.40GHz</u>	264	2841	NA	NA
<u>Mobile Intel Pentium 4 2.66GHz</u>	279	2823	NA	NA
<u>Mobile Intel Pentium 4 2.80GHz</u>	315	2761	NA	NA
<u>Mobile Intel Pentium 4 3.06GHz</u>	337	2737	NA	NA
<u>Mobile Intel Pentium 4 3.20GHz</u>	356	2719	NA	NA
<u>Mobile Intel Pentium 4 3.33GHz</u>	439	2622	NA	NA
<u>Mobile Intel Pentium 4 3.46GHz</u>	478	2582	NA	NA
<u>Mobile Intel Pentium 4 - M 1.60GHz</u>	195	2910	NA	NA
<u>Mobile Intel Pentium 4 - M 1.70GHz</u>	173	2930	1.07	\$161.81
<u>Mobile Intel Pentium 4 - M 1.80GHz</u>	175	2927	NA	NA

 CPU Benchmarks ▼

<u>Mobile Intel Pentium 4 - M 1.90GHz</u> CPU Name	Passmark 232 CPU Mark (higher is	Rank 2975 (lower is	QRU Value (higher is	NA Price (USD)
<u>Mobile Intel Pentium 4 - M 2.20GHz</u>	198	2907	NA	NA
<u>Mobile Intel Pentium 4 - M 2.40GHz</u>	213	2891	NA	NA
<u>Mobile Intel Pentium 4 - M 2.50GHz</u>	256	2848	NA	NA
<u>Mobile Intel Pentium 4 - M 2.60GHz</u>	313	2765	NA	NA

<u>Mobile Intel Pentium III - M 866MHz</u>	211	2894	NA	NA
<u>Mobile Intel Pentium III - M 933MHz</u>	200	2906	NA	NA
<u>Mobile Intel Pentium III - M 1000MHz</u>	250	2856	NA	NA
<u>Mobile Intel Pentium III - M 1133MHz</u>	289	2798	NA	NA
<u>Mobile Intel Pentium III - M 1200MHz</u>	224	2881	NA	NA
<u>Mobile Intel Pentium III - M 1333MHz</u>	289	2799	NA	NA
<u>Pentium Dual-Core E6000 @ 3.46GHz</u>	2501	1565	NA	NA
<u>Quad-Core AMD Opteron 1385</u>	3442	1254	63.75	\$54.00*
<u>Quad-Core AMD Opteron 1389</u>	3446	1253	NA	NA
<u>Six-Core AMD Opteron 2419 EE</u>	2925	1417	NA	NA
<u>VIA C3 Ezra</u>	100	2959	NA	NA
<u>VIA C7 1500MHz</u>	284	2810	NA	NA
<u>VIA C7-D 1500MHz</u>	287	2806	NA	NA
<u>VIA C7-D 1800MHz</u>	203	2902	NA	NA
<u>VIA C7-D 2000MHz</u>	368	2705	NA	NA
<u>VIA C7-M 1000MHz</u>	164	2933	NA	NA
<u>VIA C7-M 1200MHz</u>	140	2946	NA	NA
<u>VIA C7-M 1600MHz</u>	178	2926	NA	NA
<u>VIA C7-M 6300MHz</u>	222	2883	NA	NA
<u>VIA Eden 800MHz</u>	155	2937	NA	NA
<u>VIA Eden 1000MHz</u>	123	2954	NA	NA
<u>VIA Eden 1200MHz</u>	142	2945	NA	NA
<u>VIA Eden C1050@1.06GHz</u>	352	2725	NA	NA
<u>VIA Eden X2 U4200 @ 1.0+ GHz</u>	480	2580	NA	NA
<u>VIA Eden X4 C4250 @ 1.2+GHz</u>	1262	2141	NA	NA
<u>VIA Esther 1000MHz</u>	146	2944	NA	NA
<u>VIA Esther 1300MHz</u>	250	2855	NA	NA
<u>VIA Esther 1500MHz</u>	219	2885	NA	NA

VIA Esther 2000MHz	394	2675	NA	NA
CPU Name	Passmark	Rank	CPU Value	Price
VIA Nano L1000@1400MHz	157	2802	NA	NA
	CPU Mark	(lower is better)	(higher is better)	(USD)

 **CPU Benchmarks** ▼

VIA Nano L2007@1600MHz	369	2703	NA	NA
VIA Nano L2100@1800MHz	428	2635	NA	NA
VIA Nano L2207@1600MHz	296	2789	NA	NA

VIA Nano L3025@1600MHz	517	2547	NA	NA
VIA Nano L3050@1800MHz	581	2509	NA	NA
VIA Nano L3600@2000MHz	645	2476	NA	NA
VIA Nano U2250 (1.6GHz Capable)	415	2644	NA	NA
VIA Nano U2250@1300+MHz	274	2830	NA	NA
VIA Nano U2500@1200MHz	306	2772	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2558	NA	NA
VIA Nano U3300@1200MHz	409	2651	NA	NA
VIA Nano U3500@1000MHz	275	2828	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2494	NA	NA
VIA Nehemiah	155	2938	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1813	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	2079	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2188	NA	NA
VIA Samuel 2	79	2961	NA	NA

Multi CPU Systems

ZHAOXIN KaiXian KX-U6780A@1.7GHz	5765	798	NA	NA
ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz				
CPU Name	Passmark	Rank	CPU Value	Price
	CPU Mark	(lower is better)	(higher is better)	(USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	330	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	150	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	436	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	442	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	488	NA	NA
[Dual CPU] AMD EPYC 7251	12955	207	14.26	\$908.36
[Dual CPU] AMD EPYC 7261	12430	214	14.26	\$871.46
[Dual CPU] AMD EPYC 7281	13293	203	10.46	\$1,270.36
[Dual CPU] AMD EPYC 7371	19370	133	NA	NA
[Dual CPU] AMD EPYC 7401	23518	80	7.24	\$3,249.80

 CPU Benchmarks ▼

[Dual CPU] AMD EPYC 7451	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price
[Dual CPU] AMD EPYC 7451	28957	22	11.12	\$2,113.82
[Dual CPU] AMD EPYC 7601	33545	24	5.33	\$6,299.12
[Dual CPU] AMD EPYC 7742	55574	1	4.00	\$13,900.00*
[Dual CPU] AMD Opteron 246	1130	477	28.26	\$39.98*

[Dual CPU] AMD Opteron 248	1053	478	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	473	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	474	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	483	NA	NA
[Dual CPU] AMD Opteron 256	1853	470	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	468	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	464	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	467	13.00	\$164.10*
[Dual CPU] AMD Opteron 280	2452	459	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2769	449	17.32	\$159.90
[Dual CPU] AMD Opteron 290	2716	451	10.06	\$270.00*
[Dual CPU] AMD Opteron 850	1410	475	0.47	\$3,028.00*
[Dual CPU] AMD Opteron 885	2851	445	NA	NA
[Dual CPU] AMD Opteron 2212	2203	465	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	460	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	458	NA	NA
[Dual CPU] AMD Opteron 2216	2485	457	48.16	\$51.60
[Dual CPU] AMD Opteron 2216 HE	2593	453	NA	NA
[Dual CPU] AMD Opteron 2218	2719	450	17.00	\$159.90
[Dual CPU] AMD Opteron 2218 HE	2514	454	NA	NA
[Dual CPU] AMD Opteron 2220	2854	444	17.85	\$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	443	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	440	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	434	45.30	\$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	424	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	431	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	425	25.50	\$159.90*
[Dual CPU] AMD Opteron 2354	4554	413	6.86	\$664.06*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2356	4441	416	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	4441	405	42.04	\$104.00*
[Dual CPU] AMD Opteron 2374 HE	4799	409	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	396	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	394	14.85	\$358.00*

CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2380	5754	380	63.93	\$90.00
[Dual CPU] AMD Opteron 2384	5714	382	3.40	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	368	NA	NA
[Dual CPU] AMD Opteron 2389	5677	383	48.11	\$118.00*
[Dual CPU] AMD Opteron 2419	5191	398	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	369	NA	NA
[Dual CPU] AMD Opteron 2427	5907	378	36.94	\$159.90
[Dual CPU] AMD Opteron 2431	6438	362	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7068	346	18.70	\$378.00*
[Dual CPU] AMD Opteron 2439 SE	8071	316	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	426	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	385	24.58	\$229.90*
[Dual CPU] AMD Opteron 4170 HE	6344	365	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	363	7.77	\$819.90*
[Dual CPU] AMD Opteron 4184	7813	321	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	315	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	318	NA	NA
[Dual CPU] AMD Opteron 4234	8953	290	19.46	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	6797	353	84.98	\$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	274	NA	NA
[Dual CPU] AMD Opteron 4280	4525	414	45.25	\$100.00*
[Dual CPU] AMD Opteron 4284	9151	283	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9462	281	21.86	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	254	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	262	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11410	235	40.75	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	354	169.13	\$39.98

 CPU Benchmarks ▼

[Dual CPU] AMD Opteron 6128 HE CPU Name	Passmark 5582 CPU Mark (higher is better)	Rank 332 (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6134	7586	332	86.22	\$87.98*
[Dual CPU] AMD Opteron 6136	7255	340	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	401	NA	NA
[Dual CPU] AMD Opteron 6168	7741	327	6.67	\$1,159.90

[Dual CPU] AMD Opteron 6172	7621	331	19.24	\$396.00
[Dual CPU] AMD Opteron 6174	7783	322	48.67	\$159.90
[Dual CPU] AMD Opteron 6176 SE	8448	305	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	437	16.40	\$189.90
[Dual CPU] AMD Opteron 6204	7134	342	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	294	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	249	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	267	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	256	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	9841	271	61.54	\$159.90
[Dual CPU] AMD Opteron 6274	10536	251	117.09	\$89.98
[Dual CPU] AMD Opteron 6275	10900	247	NA	NA
[Dual CPU] AMD Opteron 6276	10101	266	29.88	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	228	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	307	13.47	\$619.96
[Dual CPU] AMD Opteron 6320	10716	250	20.88	\$513.18
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6328	12013	227	16.73	\$718.00
[Dual CPU] AMD Opteron 6344	11203	240	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	234	18.64	\$612.20
[Dual CPU] AMD Opteron 6366 HE	12147	221	202.52	\$59.98*
[Dual CPU] AMD Opteron 6376	10452	253	80.40	\$130.00
[Dual CPU] AMD Opteron 6378	9145	284	24.07	\$380.00
[Dual CPU] AMD Opteron 6380	14200	186	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	220	42.05	\$289.98
[Dual CPU] AMD Opteron 8218	2831	446	61.54	\$46.00*
[Dual CPU] AMD Opteron 8220	2510	455	15.70	\$159.90
[Dual CPU] AMD Opteron 8222 SE	2793	448	0.45	\$6,180.64*

 CPU Benchmarks ▼

[Dual CPU] AMD Opteron 8354 CPU Name	Passmark 3223 CPU Mark (higher is	Rank 436 (lower is	GPU Value 67.13 (higher is	\$48.00 Price (USD)
[Dual CPU] AMD Opteron 8381 HE	5210	397	NA	NA
[Dual CPU] AMD Opteron 8389	6517	359	41.25	\$158.00*
[Dual CPU] AMD Opteron 8431	5813	379	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	355	46.80	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	329	64.09	\$120.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	476	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	462	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	430	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	319	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	497	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	495	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	492	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	540	491	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	498	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	499	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	496	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	494	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	489	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	679	485	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	484	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	487	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	482	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	481	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	927	480	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	469	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	479	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	466	30.53	\$70.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2315	461	0.71	\$3,239.98*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	452	41.62	\$62.92*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	NA Price (USD)
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3077	438	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.00GHz	2999	439	117.49	\$20.49
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3409	432	12.18	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3826	428	51.03	\$74.98*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8929	293	18.64	\$479.06

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11012	244	15.45	\$712.54
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	370	25.80	\$240.46
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	367	87.58	\$71.98*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	338	43.00	\$169.84
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	286	39.02	\$231.12*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11299	237	14.49	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	229	113.06	\$105.34*
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	310	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13220	206	173.95	\$76.00*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	190	142.59	\$96.52
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	10818	248	167.57	\$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	217	NA	NA
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	12419	215	155.28	\$79.98*
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	208	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	11334	236	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15680	170	124.48	\$125.96
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	15106	178	48.73	\$310.00*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11664	231	44.86	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @	13442	200	52.51	\$256.00*

 CPU Benchmarks ▼

2.30GHz CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	366	66.15	\$95.84
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	358	54.34	\$119.98*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	306	62.24	\$134.46
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8932	292	17.18	\$520.00*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8162	313	42.49	\$192.08*
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9017	287	94.92	\$95.00
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	269	47.29	\$212.06
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	245	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12248	219	51.04	\$239.98
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13225	205	165.35	\$79.98
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15256	176	108.99	\$139.98
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16453	159	20.58	\$799.32
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14339	185	11.05	\$1,298.00*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12620	211	11.49	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	183	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13491	199	168.89	\$79.88
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15943	165	62.74	\$254.12
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18498	145	94.38	\$196.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18725	140	14.21	\$1,317.40*
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11172	241	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	192	175.27	\$78.20*
[Dual CPU] Intel Xeon E5-2630L v3 @	15183	177	22.33	\$679.90*

[Dual CPU] Intel Xeon E5-2637 v2 @ 1.80GHz CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15884	167	93.45	\$169.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16401	160	49.64	\$330.38

CPU Benchmarks ▼

[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16703	158	7.67	\$2,178.28
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14654	182	122.22	\$119.90
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14505	184	35.39	\$409.90
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19875	125	13.97	\$1,422.58*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20530	119	11.15	\$1,840.54*
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 @ 3.30GHz	13673	193	114.04	\$119.90
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20647	117	64.54	\$319.90
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21029	110	42.06	\$500.00*
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	103	6.44	\$3,342.50*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12399	216	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	189	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	147	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15056	179	167.29	\$90.00
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18892	138	131.10	\$144.10
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20337	121	78.23	\$259.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20809	114	10.31	\$2,018.00
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	13621	196	86.21	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14152	187	52.09	\$271.68*
[Dual CPU] Intel Xeon E5-2650L v4 @	20924	111	6.99	\$2,992.00*

 CPU Benchmarks ▼

<u>1.70GHz</u> CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
[Dual CPU] Intel Xeon E5-2658 @ <u>2.10GHz</u>	13855	188	4.74	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ <u>2.40GHz</u>	18822	139	52.29	\$359.98*
[Dual CPU] Intel Xeon E5-2658 v4 @ <u>2.30GHz</u>	19391	132	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ <u>2.20GHz</u>	17786	149	4.85	\$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ <u>2.20GHz</u>	16378	161	62.44	\$262.32
[Dual CPU] Intel Xeon E5-2660 v2 @ <u>2.20GHz</u>	17795	148	51.14	\$347.96*
[Dual CPU] Intel Xeon E5-2660 v3 @ <u>2.60GHz</u>	22658	93	33.02	\$686.22
[Dual CPU] Intel Xeon E5-2660 v4 @ <u>2.00GHz</u>	23188	85	7.73	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ <u>2.80GHz</u>	23137	86	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ <u>2.40GHz</u>	17026	154	83.16	\$204.74
[Dual CPU] Intel Xeon E5-2666 v3 @ <u>2.90GHz</u>	24877	71	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ <u>2.90GHz</u>	16376	162	158.38	\$103.40
[Dual CPU] Intel Xeon E5-2667 v2 @ <u>3.30GHz</u>	22686	92	34.37	\$660.00
[Dual CPU] Intel Xeon E5-2667 v3 @ <u>3.20GHz</u>	22605	94	28.39	\$796.28
[Dual CPU] Intel Xeon E5-2667 v4 @ <u>3.20GHz</u>	22916	88	5.88	\$3,898.06*
[Dual CPU] Intel Xeon E5-2670 @ <u>2.60GHz</u>	18173	146	129.81	\$140.00
[Dual CPU] Intel Xeon E5-2670 v2 @ <u>2.50GHz</u>	20611	118	6.65	\$3,097.80
[Dual CPU] Intel Xeon E5-2670 v3 @ <u>2.30GHz</u>	22298	97	71.93	\$309.98
[Dual CPU] Intel Xeon E5-2673 v2 @ <u>3.30GHz</u>	23393	82	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ <u>2.40GHz</u>	21751	102	15.54	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ <u>2.30GHz</u>	26537	61	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @	19762	126	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	39	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18555	144	120.60	\$153.86

CPU Benchmarks ▼

[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21461	104	59.95	\$358.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24247	77	40.55	\$598.00
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22761	91	7.54	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	155	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21194	109	20.78	\$1,019.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	69	5.66	\$4,417.86*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	99	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26907	58	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	48	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20785	115	50.21	\$414.00
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23315	83	32.39	\$719.80
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24293	76	20.59	\$1,179.98
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	59	6.13	\$4,349.98*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19404	131	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	25703	66	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19636	127	90.92	\$215.98
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23619	79	27.73	\$851.60
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25801	65	52.66	\$490.00
[Dual CPU] Intel Xeon E5-2690 v4 @	27411	55	6.32	\$4,339.98*

 CPU Benchmarks ▼

<u>2.60GHz</u> CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
[Dual CPU] Intel Xeon E5-2695 v3 @ <u>2.30GHz</u>	24793	72	25.30	\$979.98
[Dual CPU] Intel Xeon E5-2695 v4 @ <u>2.10GHz</u>	24651	75	4.75	\$5,190.90
[Dual CPU] Intel Xeon E5-2696 v2 @ <u>2.50GHz</u>	23501	81	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ <u>2.30GHz</u>	30313	37	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ <u>2.20GHz</u>	31774	31	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ <u>2.70GHz</u>	23308	84	30.70	\$759.24
[Dual CPU] Intel Xeon E5-2697 v3 @ <u>2.60GHz</u>	27386	56	30.67	\$893.00
[Dual CPU] Intel Xeon E5-2697 v4 @ <u>2.30GHz</u>	30440	36	4.98	\$6,109.98*
[Dual CPU] Intel Xeon E5-2697A v4 @ <u>2.60GHz</u>	29185	43	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ <u>2.30GHz</u>	28325	51	19.16	\$1,478.00
[Dual CPU] Intel Xeon E5-2698 v4 @ <u>2.10GHz</u>	30833	35	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ <u>2.20GHz</u>	32235	29	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ <u>2.80GHz</u>	24133	78	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ <u>2.30GHz</u>	26341	62	10.89	\$2,418.00
[Dual CPU] Intel Xeon E5-2699 v4 @ <u>2.20GHz</u>	34013	22	5.06	\$6,719.00
[Dual CPU] Intel Xeon E5-2699C v4 @ <u>2.20GHz</u>	20653	116	NA	NA
[Dual CPU] Intel Xeon E5-4617 @ <u>2.90GHz</u>	15383	173	85.56	\$179.80*
[Dual CPU] Intel Xeon E5-4627 v2 @ <u>3.30GHz</u>	19491	130	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ <u>2.40GHz</u>	15897	166	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ <u>2.20GHz</u>	19209	135	35.31	\$544.08*
[Dual CPU] Intel Xeon E5-4640 v3 @ <u>1.90GHz</u>	20468	120	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @	19583	129	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	180	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650 v4 @ 2.20GHz	21855	101	2.85	\$7,676.00*

CPU Benchmarks ▼

[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	13742	191	57.26	\$239.98*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	95	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	54	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	222	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	169	NA	NA
[Dual CPU] Intel Xeon E7-4830 @ 2.13GHz	9539	280	147.66	\$64.60*
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	96	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	226	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15263	175	40.38	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10965	246	27.41	\$399.98*
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10207	264	1.02	\$10,017.02*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	463	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	427	22.74	\$177.56*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3554	429	36.27	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4166	421	53.75	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	404	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	412	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5120	400	64.02	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5138	399	64.31	\$79.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6008	375	14.38	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6348	364	50.42	\$125.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6831	352	30.77	\$221.98*

<u>[Dual CPU] Intel Xeon E5440 @ 2.83GHz</u> CPU Name	Passmark CPU Mark (higher is	Rank 343 (lower is	CPU Value 35.99 (higher is	Price \$188.00* (USD)
<u>[Dual CPU] Intel Xeon E5462 @ 2.80GHz</u>	7093	345	129.91	\$54.60*
<u>[Dual CPU] Intel Xeon E5472 @ 3.00GHz</u>	7774	323	129.39	\$60.08*
<u>[Dual CPU] Intel Xeon E5502 @ 1.87GHz</u>	2492	456	13.12	\$190.00*
<u>[Dual CPU] Intel Xeon E5503 @ 2.00GHz</u>	2805	447	4.89	\$574.02*

CPU Benchmarks ▼

<u>[Dual CPU] Intel Xeon E5504 @ 2.00GHz</u>	4878	408	34.87	\$139.90*
<u>[Dual CPU] Intel Xeon E5506 @ 2.13GHz</u>	4990	403	39.60	\$126.02*
<u>[Dual CPU] Intel Xeon E5507 @ 2.27GHz</u>	5410	391	5.92	\$913.82*
<u>[Dual CPU] Intel Xeon E5520 @ 2.27GHz</u>	7300	339	255.78	\$28.54*
<u>[Dual CPU] Intel Xeon E5530 @ 2.40GHz</u>	7576	333	291.38	\$26.00*
<u>[Dual CPU] Intel Xeon E5540 @ 2.53GHz</u>	7753	325	65.70	\$118.00*
<u>[Dual CPU] Intel Xeon E5603 @ 1.60GHz</u>	4139	423	16.04	\$258.08*
<u>[Dual CPU] Intel Xeon E5606 @ 2.13GHz</u>	5505	389	12.57	\$438.00*
<u>[Dual CPU] Intel Xeon E5607 @ 2.27GHz</u>	5947	377	42.96	\$138.42*
<u>[Dual CPU] Intel Xeon E5620 @ 2.40GHz</u>	7987	317	58.05	\$137.60
<u>[Dual CPU] Intel Xeon E5630 @ 2.53GHz</u>	8329	308	118.99	\$70.00*
<u>[Dual CPU] Intel Xeon E5640 @ 2.67GHz</u>	8662	299	154.73	\$55.98*
<u>[Dual CPU] Intel Xeon E5645 @ 2.40GHz</u>	10237	263	62.95	\$162.62
<u>[Dual CPU] Intel Xeon E5649 @ 2.53GHz</u>	10259	260	49.30	\$208.08
<u>[Dual CPU] Intel Xeon E7340 @ 2.40GHz</u>	5444	390	87.81	\$62.00*
<u>[Dual CPU] Intel Xeon E7440 @ 2.40GHz</u>	5376	393	29.87	\$179.98*
<u>[Dual CPU] Intel Xeon E7540 @ 2.00GHz</u>	6738	356	210.96	\$31.94*
<u>[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz</u>	22011	100	8.41	\$2,618.10*
<u>[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz</u>	21437	105	NA	NA
<u>[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz</u>	21250	108	NA	NA
<u>[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz</u>	22810	90	10.87	\$2,098.72*
<u>[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz</u>	25109	68	8.04	\$3,122.00*
<u>[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz</u>	17463	151	6.85	\$2,548.04
<u>[Dual CPU] Intel Xeon Gold 5217 @ 3.00GHz</u>	22282	98	7.32	\$3,044.00*
<u>[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz</u>	27355	57	10.14	\$2,698.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 5220 @ 3.80GHz	22983	17	6.82	\$3,319.90*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28610	49	7.61	\$3,760.74
[Dual CPU] Intel Xeon Gold 6126T @ 2.60GHz	19161	136	5.14	\$3,730.00*

[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22875	89	6.50	\$3,519.50*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26585	60	6.86	\$3,875.58
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	53	5.48	\$5,017.90*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	24666	74	5.74	\$4,300.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29957	38	5.73	\$5,227.18*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	52	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34125	21	6.32	\$5,397.90
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	28	6.68	\$4,879.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	46	4.72	\$6,116.66*
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	29907	40	NA	NA
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28802	47	4.92	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29655	41	3.22	\$9,217.90*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36731	15	6.28	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32941	27	5.01	\$6,569.90
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33142	25	4.48	\$7,404.24*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	13	4.75	\$7,818.00*
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	24959	70	5.62	\$4,440.00*
[Dual CPU] Intel Xeon Gold 6242 @ 2.80GHz	33019	26	5.99	\$5,509.06
[Dual CPU] Intel Xeon Gold 6244 @	31379	33	4.82	\$6,509.68

 CPU Benchmarks ▼

3.60GHz CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	8	5.87	\$6,599.98*
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	37405	11	4.68	\$7,999.98*

[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41159	4	5.55	\$7,418.00
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	415	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	419	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	406	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	387	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	372	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6453	361	117.33	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	374	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	405	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	350	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6961	349	271.49	\$25.64*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7553	334	196.08	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6973	348	166.10	\$41.98*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8693	297	62.18	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9607	277	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9670	275	58.00	\$166.72*
[Dual CPU] Intel Xeon MP 2.50GHz	550	490	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	493	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	486	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	471	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36271	17	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	37838	10	2.46	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	42	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	7	3.33	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	16	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @	36068	18	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Platinum 8260 @ 2.50GHz	38657	9	4.11	\$9,404.00*
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	5	2.93	\$14,017.56

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	164	20.35	\$784.86
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16728	157	18.59	\$899.98
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	197	13.24	\$1,027.98*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19256	134	14.60	\$1,318.88*
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	106	11.36	\$1,886.26*
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	124	19.96	\$1,002.00*
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	25402	67	15.86	\$1,602.06*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10062	268	47.01	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10249	261	2.04	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	259	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	410	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	411	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	407	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5737	381	9.25	\$619.90
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6198	371	39.74	\$155.98*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7436	336	62.01	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7817	320	39.17	\$199.56
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	314	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7769	324	17.26	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8170	312	40.85	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8672	298	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8758	295	14.36	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	8998	288	132.36	\$67.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9279	282	52.13	\$178.00

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9642	276	341.90	\$59.86*
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11648	232	69.23	\$168.24*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10289	258	220.51	\$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12082	223	177.68	\$68.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10320	257	114.69	\$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12447	212	115.27	\$107.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11157	242	146.49	\$76.16*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13428	201	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13338	202	95.27	\$140.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11742	230	104.24	\$112.64*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13662	194	55.54	\$246.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	304	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	357	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	296	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7542 @ 2.67GHz	8972	289	13.22	\$678.48*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	270	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11230	239	255.23	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	420	46.34	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	402	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	418	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	417	27.37	\$159.90
[Dual CPU] Quad-Core AMD Opteron 8378	5382	392	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	351	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	384	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	376	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	309	NA	NA
[Quad CPU] AMD Opteron 6136	9767	272	22.20	\$440.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 6174	8594	302	26.87	\$319.80

 CPU Benchmarks ▼

[Quad CPU] AMD Opteron 6272	PassMark CPU Mark (higher is	218 Rank (lower is	38.44 CPU Value (higher is	\$319.80 Price (USD)
[Quad CPU] AMD Opteron 6278	12055	224	24.31	\$495.80
[Quad CPU] AMD Opteron 6282 SE	11044	243	4.31	\$2,560.00
[Quad CPU] AMD Opteron 6376	13257	204	50.99	\$260.00

[Quad CPU] AMD Opteron 6378	20859	112	27.45	\$760.00
[Quad CPU] AMD Opteron 6380	12442	213	52.72	\$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	360	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	373	NA	NA
[Quad CPU] AMD Opteron 8382	8553	303	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	337	NA	NA
[Quad CPU] AMD Opteron 8431	8252	311	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	344	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	291	37.26	\$240.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	472	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	433	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	156	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	14669	181	27.32	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	195	42.59	\$319.96*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	73	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	20036	123	18.41	\$1,088.16*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	17127	153	61.18	\$279.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	63	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	18557	143	38.66	\$479.96*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	34	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	122	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	13606	198	105.31	\$129.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	163	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.50GHz			1.39	\$246,800.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	30	NA	NA
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	14	NA	NA

[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	15433	171	96.48	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17398	152	131.84	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15429	172	20.41	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	210	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	168	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	347	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	326	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	265	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	278	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	285	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	64	5.13	\$5,096.08
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	19	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	6	2.75	\$14,808.48*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	273	NA	NA
[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10406	255	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	3	1.10	\$40,060.00*
[Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz	48904	2	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	279	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	225	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	301	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	233	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	12824	209	145.73	\$88.00*

[Quad CPU] Quad-Core AMD Opteron 8356	2170	211	22.42	\$319.80
---	------	-----	-----------------------	--------------------------

[Home](#) **CPU Benchmarks** ▼

[BurnInTest](#)

[PerformanceTest](#)

[OSForensics](#)

[MemTest86](#)

[WirelessMon](#)

[Zoom Search Engine](#)

[Free Software](#)

[USB3.0 Loopback Plugs](#)

[USB2.0 Loopback Plugs](#)

[PCIe Test Cards](#)

[USB Power Delivery Tester](#)

[Serial and Parallel Loopback Plugs](#)

[USB Short Circuit Testers](#)

[CPU Benchmarks](#)

[Video Card Benchmarks](#)

[Hard Drive Benchmarks](#)

[RAM Benchmarks](#)

[PC Systems Benchmarks](#)

[Android Benchmarks](#)

[iOS / iPhone Benchmarks](#)

[Company](#)

[Contact Us](#)

[The Press Room](#)

[Store](#)

[Support](#)

[Forums](#)

[Disclaimer](#)

[Refunds](#)

[Privacy](#)

[Social](#)



Copyright © 2019 PassMark® Software

