

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	2791	NA	NA
AMD A4 Micro-6400T APU	1544	1981	NA	NA
AMD A4 PRO-3340B	2402	1588	NA	NA
AMD A4 PRO-7300B APU	2353	1609	NA	NA
AMD A4 PRO-7350B	2227	1662	NA	NA
AMD A4-1200 APU	632	2471	NA	NA
AMD A4-1250 APU	619	2478	NA	NA
AMD A4-3300 APU	1503	2006	115.71	\$12.99
AMD A4-3300M APU	1188	2170	39.62	\$29.99*
AMD A4-3305M APU	1227	2148	39.84	\$30.81
AMD A4-3310MX APU	1286	2112	NA	NA
AMD A4-3320M APU	1253	2134	34.93	\$35.90
AMD A4-3330MX APU	1218	2152	NA	NA
AMD A4-3400 APU	1594	1965	18.13	\$87.95
AMD A4-3420 APU	1664	1926	NA	NA
AMD A4-4000 APU	1835	1836	14.31	\$128.27*
AMD A4-4020 APU	1909	1797	21.21	\$90.00
AMD A4-4300M APU	1612	1954	40.44	\$39.86
AMD A4-4355M APU	1177	2174	NA	NA
AMD A4-5000 APU	1916	1792	NA	NA
AMD A4-5050 APU	2113	1704	NA	NA
AMD A4-5100 APU	2060	1728	NA	NA
AMD A4-5150M APU	1864	1820	NA	NA

 CPU Benchmarks ▼

<u>AMD A4-5300 APU</u> CPU Name	Passmark CPU Mark (higher is better)	Rank 1746 (lower is better)	CPU Value 18.28 (higher is better)	Price \$110.32 (USD)
<u>AMD A4-6210 APU</u>	2170	1681	NA	NA
<u>AMD A4-6250J APU</u>	2556	1531	NA	NA
<u>AMD A4-6300 APU</u>	2223	1664	37.07	\$59.99*
<u>AMD A4-6300B APU</u>	2159	1688	21.59	\$100.00*

<u>AMD A4-6320 APU</u>	2329	1612	33.29	\$69.99*
<u>AMD A4-7210 APU</u>	2523	1542	NA	NA
<u>AMD A4-7300 APU</u>	2311	1622	18.94	\$122.00
<u>AMD A4-9120</u>	1962	1768	NA	NA
<u>AMD A4-9120C</u>	1539	1984	NA	NA
<u>AMD A4-9125</u>	1983	1758	NA	NA
<u>AMD A6 Micro-6500T APU</u>	1834	1838	NA	NA
<u>AMD A6 PRO-7050B APU</u>	1616	1952	NA	NA
<u>AMD A6 PRO-7400B</u>	2621	1506	NA	NA
<u>AMD A6-1450 APU</u>	1539	1985	NA	NA
<u>AMD A6-3400M APU</u>	1888	1811	63.02	\$29.97*
<u>AMD A6-3410MX APU</u>	2059	1731	516.08	\$3.99*
<u>AMD A6-3420M APU</u>	2004	1750	NA	NA
<u>AMD A6-3430MX APU</u>	2200	1673	NA	NA
<u>AMD A6-3500 APU</u>	2029	1740	50.76	\$39.99*
<u>AMD A6-3600 APU</u>	2707	1483	117.76	\$22.99*
<u>AMD A6-3620 APU</u>	2793	1452	46.57	\$59.99*
<u>AMD A6-3650 APU</u>	3148	1335	98.41	\$31.99*
<u>AMD A6-3670 APU</u>	3165	1323	5.19	\$610.00*
<u>AMD A6-4400M APU</u>	1641	1939	205.42	\$7.99*
<u>AMD A6-4455M APU</u>	1286	2111	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>	2434	1576	NA	NA
<u>AMD A6-5345M APU</u>	1476	2017	NA	NA
<u>AMD A6-5350M APU</u>	1906	1799	44.20	\$43.12
<u>AMD A6-5357M APU</u>	1953	1774	NA	NA
<u>AMD A6-5400B APU</u>	2242	1655	21.35	\$105.04*
<u>AMD A6-5400K APU</u>	2161	1687	34.85	\$62.02

 CPU Benchmarks ▼

AMD A6-6310 APU CPU Name	Passmark 2461 CPU Mark (higher is	Rank 1368 (lower is	GPU Value (higher is	Price (USD)
AMD A6-6400K APU	2311	1621	11.06	\$208.99*
AMD A6-6420B APU	2612	1508	NA	NA
AMD A6-6420K APU	2388	1595	15.92	\$149.99*
AMD A6-7000	1667	1923	NA	NA

AMD A6-7310 APU	2671	1491	NA	NA
AMD A6-7400K APU	2790	1455	44.22	\$63.10
AMD A6-7470K	2727	1476	20.52	\$132.91
AMD A6-7480	3135	1336	71.28	\$43.99*
AMD A6-8500P	2202	1672	NA	NA
AMD A6-8550	3032	1369	NA	NA
AMD A6-9200	1747	1874	NA	NA
AMD A6-9210	1753	1870	NA	NA
AMD A6-9220	2171	1679	NA	NA
AMD A6-9220C	2071	1723	NA	NA
AMD A6-9220e	1621	1950	NA	NA
AMD A6-9225	2161	1686	NA	NA
AMD A6-9230	2102	1709	NA	NA
AMD A6-9500	3054	1363	75.62	\$40.39
AMD A6-9500E	2889	1425	39.67	\$72.84*
AMD A8 PRO-7150B APU	2650	1497	NA	NA
AMD A8 PRO-7600B APU	4758	957	NA	NA
AMD A8-3500M APU	1980	1759	28.32	\$69.95
AMD A8-3510MX APU	2414	1582	NA	NA
AMD A8-3520M APU	2170	1680	NA	NA
AMD A8-3530MX APU	2354	1607	NA	NA
AMD A8-3550MX APU	2610	1509	NA	NA
AMD A8-3800 APU	3011	1373	52.84	\$56.99*
AMD A8-3820 APU	3106	1346	24.86	\$124.99*
AMD A8-3850 APU	3458	1239	32.72	\$105.68*
AMD A8-3870K APU	3539	1215	23.65	\$149.67*
AMD A8-4500M APU	2667	1492	NA	NA
AMD A8-4555M APU	2121	1700	NA	NA

 CPU Benchmarks ▼

AMD A8-5500 APU	3998 Passmark CPU Mark (higher is better)	1105 Rank (lower is better)	70.77 CPU Value (higher is better)	\$56.50* Price (USD)
AMD A8-5550M APU	3003	1378	NA	NA
AMD A8-5557M APU	2954	1394	NA	NA
AMD A8-5600K APU	4341	1041	18.93	\$229.30
AMD A8-6410 APU	2574	1523	NA	NA

AMD A8-6500 APU	4393	1030	46.26	\$94.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-6500B APU	4612	985	NA	NA
AMD A8-6500T APU	3276	1287	NA	NA
AMD A8-6600K APU	4591	992	47.34	\$96.99*
AMD A8-7050	1824	1842	NA	NA
AMD A8-7100 APU	2808	1450	NA	NA
AMD A8-7200P	3338	1274	NA	NA
AMD A8-7410 APU	2745	1470	NA	NA
AMD A8-7600 APU	5063	894	37.79	\$133.99
AMD A8-7650K	4925	923	42.47	\$115.99
AMD A8-7670K	5083	886	31.56	\$161.10*
AMD A8-7680	5297	858	88.30	\$59.99*
AMD A8-8600P	3248	1293	NA	NA
AMD A8-8650	5470	825	NA	NA
AMD A8-9600	4966	916	73.04	\$67.99
AMD A9-9400	2312	1620	NA	NA
AMD A9-9410	2541	1537	NA	NA
AMD A9-9420	2340	1611	NA	NA
AMD A9-9420e	1819	1846	NA	NA
AMD A9-9425	2501	1554	NA	NA
AMD A9-9430	2524	1541	NA	NA
AMD A10 Micro-6700T APU	1970	1763	NA	NA
AMD A10 PRO-7350B APU	3164	1324	NA	NA
AMD A10 PRO-7800B APU	4955	917	NA	NA
AMD A10 PRO-7850B APU	5380	842	NA	NA
AMD A10-4600M APU	3114	1345	NA	NA
AMD A10-4655M APU	2605	1511	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 A10-5745M APU	2764	1464	NA	NA
AMD A10-5750M APU	3341	1271	NA	NA
AMD A10-5757M APU	3084	1352	NA	NA
AMD A10-5800B APU	4614	984	NA	NA

AMD A10-5800K APU	4647	975	30.99	\$149.99*
AMD A10-6700 APU	4604	988	39.36	\$116.99*
AMD A10-6700T APU	3693	1182	25.02	\$147.61*
AMD A10-6790K APU	4714	963	49.64	\$94.99*
AMD A10-6800B APU	4822	944	NA	NA
AMD A10-6800K APU	4860	939	16.95	\$286.85*
AMD A10-7300 APU	2904	1415	NA	NA
AMD A10-7400P	3609	1198	NA	NA
AMD A10-7700K APU	5119	882	39.52	\$129.53
AMD A10-7800 APU	4974	912	48.11	\$103.39*
AMD A10-7850K APU	5469	826	44.72	\$122.31*
AMD A10-7860K	5063	895	28.93	\$175.00*
AMD A10-7870K	5477	823	24.13	\$226.99*
AMD A10-7890K	5711	793	28.56	\$199.99*
AMD A10-8700P	3445	1242	NA	NA
AMD A10-8750	5064	893	NA	NA
AMD A10-8850	5604	806	NA	NA
AMD A10-9600P	3765	1161	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	1190	NA	NA
AMD A10-9630P	4474	1014	NA	NA
AMD A10-9700	5386	841	64.49	\$83.53
AMD A10-9700E	4747	961	52.18	\$90.99
AMD A12-9700P	3717	1175	NA	NA
AMD A12-9720P	3994	1106	NA	NA
AMD A12-9730P	4417	1027	NA	NA
AMD A12-9800	5580	810	37.64	\$148.24*
AMD A12-9800E	5083	887	38.69	\$131.38*

 CPU Benchmarks ▼

<u>AMD Athlon64 X2 Dual Core 4600+</u> CPU Name	Passmark 1108 CPU Mark (higher is	Rank 216 (lower is	QRU Value (higher is	Price (USD)
<u>AMD Athlon 64 2000+</u>	116	2945	NA	NA
<u>AMD Athlon 64 2200+</u>	575	2503	NA	NA
<u>AMD Athlon 64 2600+</u>	374	2686	NA	NA
<u>AMD Athlon 64 2800+</u>	438	2614	4.38	\$99.99*

<u>AMD Athlon 64 3000+</u>	464	2582	4.26	\$108.95
<u>AMD Athlon 64 3200+</u>	492	2552	3.29	\$149.95*
<u>AMD Athlon 64 3300+</u>	576	2502	NA	NA
<u>AMD Athlon 64 3400+</u>	545	2513	NA	NA
<u>AMD Athlon 64 3500+</u>	540	2520	4.97	\$108.95
<u>AMD Athlon 64 3600+</u>	601	2487	NA	NA
<u>AMD Athlon 64 3700+</u>	598	2489	8.67	\$69.00*
<u>AMD Athlon 64 3800+</u>	589	2492	3.28	\$179.95*
<u>AMD Athlon 64 4000+</u>	608	2482	3.32	\$183.27*
<u>AMD Athlon 64 FX-25</u>	794	2398	NA	NA
<u>AMD Athlon 64 FX-34</u>	380	2678	NA	NA
<u>AMD Athlon 64 FX-51</u>	437	2615	NA	NA
<u>AMD Athlon 64 FX-53</u>	646	2463	21.57	\$29.99*
<u>AMD Athlon 64 FX-55</u>	721	2428	4.01	\$179.95*
<u>AMD Athlon 64 FX-57</u>	730	2424	NA	NA
<u>AMD Athlon 64 FX-59</u>	715	2431	NA	NA
<u>AMD Athlon 64 FX-60 Dual Core</u>	1282	2116	NA	NA
<u>AMD Athlon 64 FX-62 Dual Core</u>	1573	1972	NA	NA
<u>AMD Athlon 64 FX-72</u>	1794	1853	NA	NA
<u>AMD Athlon 64 FX-74</u>	1495	2010	2.99	\$499.50*
<u>AMD Athlon 64 X2 3800+</u>	958	2311	NA	NA
<u>AMD Athlon 64 X2 4200+</u>	1285	2113	4.16	\$308.95*
<u>AMD Athlon 64 X2 Dual Core 3400+</u>	994	2284	NA	NA
<u>AMD Athlon 64 X2 Dual Core 3600+</u>	962	2305	16.05	\$60.00
<u>AMD Athlon 64 X2 Dual Core 3800+</u>	999	2278	NA	NA
<u>AMD Athlon 64 X2 Dual Core 4000+</u>	1044	2249	NA	NA
<u>AMD Athlon 64 X2 Dual Core 4200+</u>	1098	2219	5.49	\$199.95
<u>AMD Athlon 64 X2 Dual Core 4400+</u>	1145	2198	19.09	\$60.00

 CPU Benchmarks ▼

<u>AMD Athlon 64 X2 Dual Core 4600+</u>	1218 Passmark CPU Mark (higher is better)	2151 Rank (lower is better)	3.39 CPU Value (higher is better)	\$359.95 Price (USD)
<u>AMD Athlon 64 X2 Dual Core 5200+</u>	1380	2058	9.87	\$139.95
<u>AMD Athlon 64 X2 Dual Core 5400+</u>	1450	2028	27.37	\$52.99*
<u>AMD Athlon 64 X2 Dual Core 5600+</u>	1484	2014	9.90	\$149.95

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	1997	60.68	\$24.99*
<u>AMD Athlon 64 X2 Dual Core 6000+</u>	1602	1959	34.88	\$45.95
<u>AMD Athlon 64 X2 Dual Core 6400+</u>	1787	1856	6.87	\$259.95
<u>AMD Athlon 64 X2 Dual Core BE-230</u>	1095	2223	NA	NA
<u>AMD Athlon 64 X2 Dual Core BE-2300</u>	1082	2233	NA	NA
<u>AMD Athlon 64 X2 Dual Core BE-2350</u>	1044	2250	NA	NA
<u>AMD Athlon 64 X2 Dual Core TK-53</u>	839	2375	28.02	\$29.97*
<u>AMD Athlon 64 X2 Dual Core TK-55</u>	839	2377	14.53	\$57.74*
<u>AMD Athlon 64 X2 Dual Core TK-57</u>	971	2299	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-42</u>	877	2355	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-53</u>	819	2384	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-55</u>	874	2356	12.02	\$72.74*
<u>AMD Athlon 64 X2 Dual-Core TK-57</u>	925	2332	NA	NA
<u>AMD Athlon 64 X2 QL-60</u>	924	2334	NA	NA
<u>AMD Athlon 64 X2 QL-62</u>	1003	2274	NA	NA
<u>AMD Athlon 64 X2 QL-64</u>	990	2288	NA	NA
<u>AMD Athlon 64 X2 QL-65</u>	1050	2248	NA	NA
<u>AMD Athlon 64 X2 QL-66</u>	947	2320	NA	NA
<u>AMD Athlon 64 X2 QL-67</u>	1006	2272	NA	NA
<u>AMD Athlon 64 X2 TK-55</u>	955	2312	NA	NA
<u>AMD Athlon 64 X2 TK-57</u>	988	2289	NA	NA
<u>AMD Athlon 200GE</u>	4928	921	73.40	\$67.15
<u>AMD Athlon 220GE</u>	5302	857	77.02	\$68.85
<u>AMD Athlon 240GE</u>	5355	847	86.64	\$61.81
<u>AMD Athlon 300U</u>	4827	943	NA	NA
<u>AMD Athlon 1500+</u>	294	2783	NA	NA
<u>AMD Athlon 1640B</u>	670	2454	13.42	\$50.00*

 CPU Benchmarks ▼

AMD Athlon 2000+ CPU Name	Passmark 390 CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 2200+	363	2703	4.55	\$79.99*
AMD Athlon 2400+	462	2586	NA	NA
AMD Athlon 2500+	374	2683	2.04	\$183.99*
AMD Athlon 2600+	444	2606	4.23	\$104.95*

AMD Athlon 2650e	409	2641	21.56	\$19.00*
AMD Athlon 2800+	447	2602	3.20	\$139.95*
AMD Athlon 2850e	506	2545	NA	NA
AMD Athlon 3100+	485	2563	NA	NA
AMD Athlon 3200+	458	2590	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	2106	10.78	\$119.95*
AMD Athlon 5150 APU	2105	1707	13.16	\$159.95
AMD Athlon 5200 Dual-Core	1266	2129	42.23	\$29.99*
AMD Athlon 5350 APU	2608	1510	17.82	\$146.38
AMD Athlon 5370 APU	2912	1410	45.73	\$63.70*
AMD Athlon 7450 Dual-Core	1449	2029	NA	NA
AMD Athlon 7550 Dual-Core	1472	2019	24.54	\$60.00*
AMD Athlon 7750 Dual-Core	1570	1973	9.92	\$158.37
AMD Athlon 7850 Dual-Core	1710	1893	8.16	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2794	NA	NA
AMD Athlon Dual Core 4050e	1086	2228	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 4450B	1165	2186	37.59	\$31.00*
AMD Athlon Dual Core 4450e	1110	2213	NA	NA
AMD Athlon Dual Core 4850B	1391	2051	NA	NA
AMD Athlon Dual Core 4850e	1314	2092	33.71	\$39.00*
AMD Athlon Dual Core 5000B	1308	2095	13.77	\$95.00*
AMD Athlon Dual Core 5050e	1343	2079	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1316	2091	NA	NA
AMD Athlon Dual Core 5400B	1420	2040	NA	NA
AMD Athlon Dual Core 5600B	1304	2099	NA	NA
AMD Athlon II 160u	560	2509	18.68	\$29.99*
AMD Athlon II 170u	626	2474	20.91	\$29.95*

 CPU Benchmarks ▼

AMD Athlon II Dual-Core M300 CPU Name	Passmark CPU Mark (higher is	Rank (lower is	QRU Value (higher is	Price (USD)
AMD Athlon II Dual-Core M340	1056	2245	NA	NA
AMD Athlon II N330 Dual-Core	1154	2192	NA	NA
AMD Athlon II N350 Dual-Core	1249	2141	NA	NA
AMD Athlon II N370 Dual-Core	1559	1977	NA	NA

AMD Athlon II Neo K125	473	2576	NA	NA
AMD Athlon II Neo K145	525	2528	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2403	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2367	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2397	NA	NA
AMD Athlon II P320 Dual-Core	1217	2153	40.64	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2139	27.83	\$44.95*
AMD Athlon II P360 Dual-Core	1318	2090	54.94	\$24.00*
AMD Athlon II X2 210e	1486	2013	NA	NA
AMD Athlon II X2 215	1566	1975	130.68	\$11.99*
AMD Athlon II X2 220	1634	1944	50.77	\$32.19
AMD Athlon II X2 225	1526	1990	NA	NA
AMD Athlon II X2 235e	1661	1931	9.13	\$181.88*
AMD Athlon II X2 240	1642	1937	47.00	\$34.95
AMD Athlon II X2 240e	1700	1904	48.64	\$34.95*
AMD Athlon II X2 245	1661	1930	47.54	\$34.95*
AMD Athlon II X2 245e	1709	1896	21.37	\$80.00*
AMD Athlon II X2 250	1741	1876	44.72	\$38.95
AMD Athlon II X2 250e	1939	1779	25.28	\$76.73*
AMD Athlon II X2 250u	1004	2273	28.74	\$34.95*
AMD Athlon II X2 255	1841	1832	28.24	\$65.22*
AMD Athlon II X2 260	1876	1814	93.86	\$19.99*
AMD Athlon II X2 260u	1107	2217	13.28	\$83.44*
AMD Athlon II X2 265	1892	1805	22.84	\$82.88*
AMD Athlon II X2 270	1976	1761	82.40	\$23.99*
AMD Athlon II X2 270u	1285	2115	18.99	\$67.67*
AMD Athlon II X2 280	2129	1698	21.30	\$99.99*
AMD Athlon II X2 4300e	1483	2015	NA	NA

 CPU Benchmarks ▼

AMD Athlon II X2 4400e	1632 Passmark CPU Mark (higher is better)	1946 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
AMD Athlon II X2 B24	1779	1859	44.55	\$39.95

AMD Athlon II X2 B28	2085	1717	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1749	18.70	\$107.43*
AMD Athlon II X3 405e	2000	1752	25.00	\$79.99*
AMD Athlon II X3 415e	2247	1651	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1631	19.68	\$116.15*
AMD Athlon II X3 425	2314	1618	85.74	\$26.99*
AMD Athlon II X3 425e	2239	1658	NA	NA
AMD Athlon II X3 435	2470	1564	82.36	\$29.99*
AMD Athlon II X3 440	2566	1526	95.10	\$26.99*
AMD Athlon II X3 445	2574	1524	28.29	\$91.00*
AMD Athlon II X3 450	2619	1507	68.93	\$38.01
AMD Athlon II X3 455	2767	1461	70.97	\$38.99*
AMD Athlon II X3 460	2864	1431	73.46	\$38.99*
AMD Athlon II X4 553	3814	1148	NA	NA
AMD Athlon II X4 555	3830	1144	NA	NA
AMD Athlon II X4 559	4125	1085	NA	NA
AMD Athlon II X4 600e	2465	1567	18.93	\$130.23*
AMD Athlon II X4 605e	2716	1479	26.69	\$101.80*
AMD Athlon II X4 610e	2793	1453	39.92	\$69.99*
AMD Athlon II X4 615e	2899	1421	49.15	\$59.00*
AMD Athlon II X4 620	2929	1406	48.86	\$59.95
AMD Athlon II X4 620e	2906	1414	NA	NA
AMD Athlon II X4 630	3131	1338	49.75	\$62.95
AMD Athlon II X4 631 Quad-Core	3151	1333	39.39	\$80.00*
AMD Athlon II X4 635	3234	1299	46.24	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1311	120.73	\$26.49*
AMD Athlon II X4 640	3315	1277	41.46	\$79.95
AMD Athlon II X4 641 Quad-Core	3343	1269	36.54	\$91.50*

 CPU Benchmarks ▼

<u>AMD Athlon II X4 645</u>	3466 Passmark CPU Mark (higher is better)	1237 Rank (lower is better)	69.35 CPU Value (higher is better)	\$49.99* Price (USD)
<u>AMD Athlon II X4 650</u>				
<u>AMD Athlon II X4 655</u>	2998	1380	NA	NA
<u>AMD Athlon II X4 6400e</u>	2594	1514	NA	NA
<u>AMD Athlon L110</u>	303	2764	NA	NA
<u>AMD Athlon LE-1600</u>	557	2510	26.57	\$21.00*

<u>AMD Athlon LE-1620</u>	578	2500	32.12	\$18.00*
<u>AMD Athlon LE-1640</u>	626	2473	NA	NA
<u>AMD Athlon LE-1660</u>	679	2451	NA	NA
<u>AMD Athlon MP</u>	230	2865	18.46	\$12.49
<u>AMD Athlon MP 1700+</u>	339	2725	NA	NA
<u>AMD Athlon MP 2400+</u>	436	2616	NA	NA
<u>AMD Athlon MP 2800+</u>	497	2550	NA	NA
<u>AMD Athlon Neo MV-40</u>	410	2639	NA	NA
<u>AMD Athlon Neo X2 Dual Core 6850e</u>	1002	2277	NA	NA
<u>AMD Athlon Neo X2 Dual Core L325</u>	776	2402	NA	NA
<u>AMD Athlon Neo X2 Dual Core L335</u>	828	2380	NA	NA
<u>AMD Athlon PRO 200GE</u>	5204	870	NA	NA
<u>AMD Athlon PRO 300GE</u>	5429	831	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	2575	NA	NA
<u>AMD Athlon TF-20</u>	413	2635	NA	NA
<u>AMD Athlon TF-36</u>	395	2662	NA	NA
<u>AMD Athlon X2 215</u>	1543	1983	NA	NA
<u>AMD Athlon X2 235e</u>	1806	1850	NA	NA
<u>AMD Athlon X2 240</u>	1602	1958	NA	NA
<u>AMD Athlon X2 240e</u>	1670	1921	NA	NA
<u>AMD Athlon X2 250</u>	1696	1907	NA	NA
<u>AMD Athlon X2 255</u>	1627	1947	NA	NA
<u>AMD Athlon X2 280</u>	2303	1626	68.77	\$33.49*
<u>AMD Athlon X2 340 Dual Core</u>	1932	1784	38.66	\$49.99*
<u>AMD Athlon X2 370K Dual Core</u>	2251	1650	NA	NA
<u>AMD Athlon X2 440</u>	1424	2038	NA	NA
<u>AMD Athlon X2 Dual Core 3250e</u>	778	2401	NA	NA

 CPU Benchmarks ▼

AMD Athlon X2 Dual Core 6850e CPU Name	Passmark 998 CPU Mark (higher is	Rank 2200 (lower is	QRU Value (higher is	Price (USD)
AMD Athlon X2 Dual Core BE-2350	1109	2214	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2154	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2137	NA	NA
AMD Athlon X2 Dual Core L310	645	2464	NA	NA

AMD Athlon X2 Dual Core LS-5800	1009	2270	NA	NA
AMD Athlon X3 425	2191	1676	NA	NA
AMD Athlon X3 435	2574	1525	26.96	\$95.49*
AMD Athlon X3 440	2078	1719	23.62	\$87.99*
AMD Athlon X3 445	2314	1617	NA	NA
AMD Athlon X3 455	2401	1589	NA	NA
AMD Athlon X4 605e	2505	1553	NA	NA
AMD Athlon X4 620	2861	1432	47.74	\$59.95
AMD Athlon X4 635	2891	1424	23.71	\$121.99*
AMD Athlon X4 640	3172	1318	NA	NA
AMD Athlon X4 740 Quad Core	4028	1100	14.54	\$277.00*
AMD Athlon X4 750 Quad Core	4551	996	NA	NA
AMD Athlon X4 750K Quad Core	4270	1056	55.47	\$76.99*
AMD Athlon X4 760K Quad Core	4595	989	109.47	\$41.98*
AMD Athlon X4 830	4701	965	NA	NA
AMD Athlon X4 840	5069	890	64.38	\$78.74*
AMD Athlon X4 845	5411	834	101.85	\$53.13*
AMD Athlon X4 860K	5411	835	40.10	\$134.95*
AMD Athlon X4 870K	5320	856	66.52	\$79.99*
AMD Athlon X4 880K	5592	808	55.93	\$99.99*
AMD Athlon X4 950	5219	867	73.55	\$70.97
AMD Athlon XP1600+	281	2807	NA	NA
AMD Athlon XP1900+	353	2712	NA	NA
AMD Athlon XP2100+	287	2796	NA	NA
AMD Athlon XP2200+	401	2655	NA	NA
AMD Athlon XP2400+	374	2685	NA	NA
AMD Athlon XP 1500	282	2806	NA	NA
AMD Athlon XP 1500+	257	2836	NA	NA

 CPU Benchmarks ▼

<u>AMD Athlon XP 1600+</u>	267 Passmark	2826 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	2722	NA	NA
<u>AMD Athlon XP 1700+</u>	271	2822	4.43	\$61.25*
<u>AMD Athlon XP 1800+</u>	300	2771	5.10	\$58.95*
<u>AMD Athlon XP 1900+</u>	312	2755	NA	NA

<u>AMD Athlon XP 2000+</u>	299	2772	12.00	\$24.99*
<u>AMD Athlon XP 2100+</u>	323	2738	NA	NA
<u>AMD Athlon XP 2200+</u>	328	2737	3.87	\$84.95*
<u>AMD Athlon XP 2300+</u>	464	2583	NA	NA
<u>AMD Athlon XP 2400+</u>	360	2705	4.01	\$89.99*
<u>AMD Athlon XP 2500+</u>	355	2709	NA	NA
<u>AMD Athlon XP 2600+</u>	372	2689	16.18	\$23.03*
<u>AMD Athlon XP 2700+</u>	393	2666	4.64	\$84.79*
<u>AMD Athlon XP 2800+</u>	400	2657	NA	NA
<u>AMD Athlon XP 2900+</u>	424	2629	NA	NA
<u>AMD Athlon XP 3000+</u>	402	2653	5.06	\$79.70*
<u>AMD Athlon XP 3100+</u>	433	2620	NA	NA
<u>AMD Athlon XP 3200+</u>	432	2621	NA	NA
<u>AMD Athlon XP 3400+</u>	570	2506	NA	NA
<u>AMD Athlon XP Pro3+</u>	367	2696	NA	NA
<u>AMD Athlon XP-M</u>	541	2519	15.48	\$34.95*
<u>AMD C-30</u>	310	2757	NA	NA
<u>AMD C-50</u>	462	2585	NA	NA
<u>AMD C-60</u>	466	2579	NA	NA
<u>AMD C-60 APU</u>	544	2514	NA	NA
<u>AMD C-70 APU</u>	557	2511	NA	NA
<u>AMD E1 Micro-6200T APU</u>	960	2308	NA	NA
<u>AMD E1-1200 APU</u>	655	2461	NA	NA
<u>AMD E1-1500 APU</u>	688	2446	NA	NA
<u>AMD E1-2100 APU</u>	641	2469	NA	NA
<u>AMD E1-2200 APU</u>	767	2405	NA	NA
<u>AMD E1-2500 APU</u>	892	2352	NA	NA
<u>AMD E1-6010 APU</u>	869	2359	NA	NA

 CPU Benchmarks ▼

AMD E1-6015 APU	900 Passmark CPU Mark (higher is better)	2348 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
AMD E2-2000 APU	825	2381	NA	NA
AMD E2-3000 APU	1140	2201	NA	NA
AMD E2-3000M APU	1097	2221	54.85	\$20.00*
AMD E2-3200 APU	1380	2059	172.79	\$7.99*

AMD E2-3800 APU	1644	1936	NA	NA
AMD E2-6110 APU	1916	1793	NA	NA
AMD E2-7110 APU	2288	1628	NA	NA
AMD E2-9000	1654	1933	NA	NA
AMD E2-9000e	1344	2078	NA	NA
AMD E2-9010	1705	1899	NA	NA
AMD E2-9030	1515	1999	NA	NA
AMD E-240	319	2744	NA	NA
AMD E-300 APU	610	2481	NA	NA
AMD E-350	745	2419	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E-350 APU	757	2412	NA	NA
AMD E-350D APU	726	2426	NA	NA
AMD E-450 APU	765	2406	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1864	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1714	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2508	1550	NA	NA
AMD Embedded R-Series RX-216GD	2409	1585	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	891	NA	NA
AMD Embedded R-Series RX-421BD	4635	979	NA	NA
AMD EPYC 3201	9634	395	NA	NA
AMD EPYC 7251	11811	265	28.00	\$421.90
AMD EPYC 7301	14978	168	22.05	\$679.21
AMD EPYC 7351	18081	102	28.66	\$630.98
AMD EPYC 7351P	14887	170	20.78	\$716.53
AMD EPYC 7371	22071	47	NA	NA

 CPU Benchmarks ▼

AMD EPYC 7401P	Passmark 20221 CPU Mark (higher is	Rank (lower is	CPU Value (higher is	\$828.50 Price (USD)
AMD EPYC 7302P	20700	57	10.20	\$2,000.00
AMD EPYC 7551	18483	93	12.90	\$1,432.26
AMD EPYC 7551P	18406	96	15.03	\$1,224.87
AMD EPYC 7571	20858	63	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	1002	NA	NA
AMD FX-670K Quad-Core	4550	998	NA	NA
AMD FX-770K Quad-Core	4814	947	NA	NA
AMD FX-870K Quad Core	5021	905	NA	NA
AMD FX-4100 Quad-Core	4074	1094	26.55	\$153.45*
AMD FX-4130 Quad-Core	4162	1076	54.77	\$75.99*
AMD FX-4150 Quad-Core	4594	990	NA	NA
AMD FX-4170 Quad-Core	4868	933	48.69	\$99.99*
AMD FX-4200 Quad-Core	4260	1059	18.67	\$228.21*
AMD FX-4300 Quad-Core	4694	967	42.70	\$109.95
AMD FX-4320	4997	909	NA	NA
AMD FX-4330	5328	853	NA	NA
AMD FX-4350 Quad-Core	5340	850	12.42	\$430.00
AMD FX-6100 Six-Core	5405	838	20.95	\$258.00*
AMD FX-6120 Six-Core	5749	791	NA	NA
AMD FX-6130 Six-Core	6215	735	NA	NA
AMD FX-6200 Six-Core	6111	748	17.98	\$339.95
AMD FX-6300 Six-Core	6406	719	25.52	\$251.08
AMD FX-6330 Six-Core	6954	665	NA	NA
AMD FX-6350 Six-Core	7018	654	77.99	\$89.99
AMD FX-7500 APU	3205	1307	NA	NA
AMD FX-7600P	4050	1096	NA	NA
AMD FX-7600P APU	4627	981	NA	NA
AMD FX-8100 Eight-Core	5964	762	42.00	\$142.00*
AMD FX-8120 Eight-Core	6640	698	29.81	\$222.73*
AMD FX-8140 Eight-Core	6133	745	NA	NA

Passmark CPU

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better) (lower is better)	CPU Value (higher is better) (higher is better)	Price (USD) Price (USD)
AMD FX-8300 Eight-Core	7767	587	23.26	\$333.99*
AMD FX-8310 Eight-Core	7735	589	NA	NA
AMD FX-8320 Eight-Core	8036	552	62.78	\$128.01
AMD FX-8320E Eight-Core	7574	606	47.64	\$159.01

AMD FX-8350 Eight-Core	8956	468	45.23	\$198.00
AMD FX-8370 Eight-Core	9047	457	41.12	\$220.00
AMD FX-8370E Eight-Core	7864	571	24.57	\$320.09
AMD FX-8800P	4145	1081	NA	NA
AMD FX-9370 Eight-Core	9460	411	52.56	\$179.99
AMD FX-9590 Eight-Core	10190	342	29.48	\$345.64
AMD FX-9800P	3963	1117	NA	NA
AMD FX-9830P	4777	954	NA	NA
AMD FX-B4150 Quad-Core	4611	986	NA	NA
AMD G-T40E	467	2578	NA	NA
AMD G-T40N	516	2537	NA	NA
AMD G-T40R	203	2892	NA	NA
AMD G-T44R	229	2866	NA	NA
AMD G-T48E	667	2456	NA	NA
AMD G-T52R	308	2759	NA	NA
AMD G-T56E	751	2414	NA	NA
AMD G-T56N	795	2396	NA	NA
AMD Geode NX	264	2829	NA	NA
AMD Geode NX 1750	291	2785	NA	NA
AMD GX-210JA SOC	401	2656	NA	NA
AMD GX-212JC SOC	744	2420	NA	NA
AMD GX-217GA SOC	1107	2218	NA	NA
AMD GX-218GL SOC	1207	2158	NA	NA
AMD GX-222GC SOC	1255	2133	NA	NA
AMD GX-412HC	1497	2009	NA	NA
AMD GX-415GA SOC	1944	1778	NA	NA
AMD GX-420CA SOC	2412	1584	NA	NA
AMD GX-424CC SOC	2491	1558	NA	NA

 CPU Benchmarks ▼

AMD K7	Passmark CPU Mark	Rank	CPU Value	Price
CPU Name	(higher is better)	(lower is better)	(higher is better)	(USD)
AMD Opteron 140	403	2650	NA	NA
AMD Opteron 144	486	2560	7.48	\$65.00*
AMD Opteron 146	532	2523	8.87	\$59.99*
AMD Opteron 148	603	2486	NA	NA
AMD Opteron 150	604	2484	NA	NA

AMD Opteron 152	658	2458	NA	NA
AMD Opteron 154	703	2439	NA	NA
AMD Opteron 165	899	2350	1.63	\$550.00
AMD Opteron 170	1097	2220	NA	NA
AMD Opteron 175	1167	2185	NA	NA
AMD Opteron 180	1236	2144	9.51	\$129.95*
AMD Opteron 185	1342	2080	NA	NA
AMD Opteron 246	632	2472	31.62	\$19.99*
AMD Opteron 248	476	2572	4.77	\$99.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 250	649	2462	59.01	\$11.00*
AMD Opteron 252	760	2410	12.00	\$63.36*
AMD Opteron 254	693	2443	NA	NA
AMD Opteron 256	963	2303	50.72	\$19.00*
AMD Opteron 265	963	2304	13.20	\$73.00
AMD Opteron 270	1170	2181	1.93	\$607.47*
AMD Opteron 275	1291	2107	19.87	\$64.99
AMD Opteron 280	1176	2175	1.48	\$796.67*
AMD Opteron 285	1470	2020	18.39	\$79.95
AMD Opteron 290	1464	2022	10.85	\$135.00*
AMD Opteron 1210	923	2335	NA	NA
AMD Opteron 1210 HE	971	2298	NA	NA
AMD Opteron 1212	1009	2271	3.48	\$290.00*
AMD Opteron 1212 HE	1308	2096	NA	NA
AMD Opteron 1214	1191	2168	4.11	\$290.00*
AMD Opteron 1214 HE	1299	2101	NA	NA
AMD Opteron 1216	1311	2094	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2180	NA	NA

 CPU Benchmarks ▼

AMD Opteron 1218 CPU Name	Passmark 1468 CPU Mark (higher is better)	Rank 2021 (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1220	1653	1935	NA	NA
AMD Opteron 1222	1757	1866	NA	NA
AMD Opteron 1352	2316	1616	17.04	\$135.99*
AMD Opteron 1354	2630	1503	19.49	\$135.00*

AMD Opteron 1356	2765	1463	30.73	\$89.99*
AMD Opteron 1381	3065	1360	NA	NA
AMD Opteron 2212	1270	2127	63.53	\$20.00*
AMD Opteron 2214	1358	2073	46.85	\$29.00*
AMD Opteron 2214 HE	1415	2043	NA	NA
AMD Opteron 2216	1518	1996	58.84	\$25.80
AMD Opteron 2218	1594	1966	19.94	\$79.95
AMD Opteron 2220	1701	1902	21.29	\$79.95
AMD Opteron 2220 SE	1398	2047	55.92	\$25.00*
AMD Opteron 2222	1843	1830	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1790	NA	NA
AMD Opteron 2350	2820	1443	35.28	\$79.95
AMD Opteron 2354	2450	1572	7.38	\$332.03*
AMD Opteron 2356	2814	1446	54.12	\$52.00*
AMD Opteron 2373 EE	2789	1457	NA	NA
AMD Opteron 2374 HE	2951	1395	15.53	\$189.99*
AMD Opteron 2376	2283	1632	13.69	\$166.81*
AMD Opteron 2378	3179	1316	17.76	\$179.00*
AMD Opteron 2380	2640	1501	58.69	\$45.00
AMD Opteron 2384	3538	1218	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1219	NA	NA
AMD Opteron 2393 SE	2246	1652	NA	NA
AMD Opteron 2427	3069	1358	38.39	\$79.95
AMD Opteron 2431	4516	1005	112.91	\$40.00*
AMD Opteron 2435	4708	964	24.91	\$189.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 3250 HE	2942	1399	29.73	\$99.00*
AMD Opteron 3260 HE	3259	1291	NA	NA

 CPU Benchmarks ▼

AMD Opteron 3280 CPU Name	Passmark 5403 CPU Mark (higher is	Rank 839 (lower is	CPU Value 69.78 (higher is	\$273.18* Price (USD)
AMD Opteron 3350 HE	4105	1087	NA	NA
AMD Opteron 3365	6088	756	NA	NA
AMD Opteron 3380	6384	721	7.89	\$809.00*
AMD Opteron 4122	2942	1400	23.55	\$124.99*

AMD Opteron 4162 EE	3166	1322	NA	NA
AMD Opteron 4170 HE	3664	1189	62.11	\$59.00*
AMD Opteron 4184	4418	1026	8.50	\$519.95*
AMD Opteron 4280	6430	716	128.60	\$50.00
AMD Opteron 4284	6660	695	111.03	\$59.99*
AMD Opteron 4332 HE	5614	803	NA	NA
AMD Opteron 4334	6099	749	28.18	\$216.42*
AMD Opteron 4365 EE	5025	903	NA	NA
AMD Opteron 4386	6761	682	48.30	\$139.99*
AMD Opteron 6128	4505	1008	237.24	\$18.99
AMD Opteron 6134	2938	1401	66.81	\$43.99*
AMD Opteron 6136	4631	980	42.10	\$110.00*
AMD Opteron 6164 HE	5351	848	NA	NA
AMD Opteron 6172	5261	861	26.57	\$198.00*
AMD Opteron 6174	6171	739	77.19	\$79.95
AMD Opteron 6176 SE	5465	828	34.37	\$159.00*
AMD Opteron 6212	5776	785	192.62	\$29.99*
AMD Opteron 6220	6785	678	113.11	\$59.99*
AMD Opteron 6234	5938	766	198.27	\$29.95*
AMD Opteron 6238	7673	597	21.32	\$359.89*
AMD Opteron 6272	6748	685	96.42	\$69.99
AMD Opteron 6274	4865	936	108.15	\$44.99
AMD Opteron 6276	8889	477	52.60	\$169.00
AMD Opteron 6282 SE	9116	443	14.24	\$640.00
AMD Opteron 6287 SE	9789	381	NA	NA
AMD Opteron 6328	7813	579	13.13	\$595.00
AMD Opteron 6366 HE	7503	610	250.19	\$29.99*
AMD Opteron 6376	9212	434	141.72	\$65.00

 CPU Benchmarks ▼

AMD Opteron 6378	9094	446	47.87	\$190.00
CPU Name	Passmark CPU Mark	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6380	16200	251	177.85	NA
AMD Opteron 8354	2255	1649	93.98	\$24.00
AMD Opteron 8439 SE	3813	1149	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1361	NA	NA
AMD Opteron X3216 APU	2366	1604	NA	NA

AMD Opteron X3418 APU	4659	972	NA	NA
AMD Opteron X3421 APU	4866	934	NA	NA
AMD Phenom 2 X4 12000	3005	1377	NA	NA
AMD Phenom 7950 Quad-Core	2991	1382	NA	NA
AMD Phenom 8250 Triple-Core	1668	1922	NA	NA
AMD Phenom 8250e Triple-Core	1635	1941	34.81	\$46.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8400 Triple-Core	1632	1945	NA	NA
AMD Phenom 8450 Triple-Core	1890	1809	63.11	\$29.95*
AMD Phenom 8450e Triple-Core	2026	1742	NA	NA
AMD Phenom 8600 Triple-Core	1673	1918	31.57	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1788	36.33	\$52.99*
AMD Phenom 8650 Triple-Core	1986	1756	39.73	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1732	NA	NA
AMD Phenom 8750B Triple-Core	2034	1737	NA	NA
AMD Phenom 8850 Triple-Core	1968	1766	NA	NA
AMD Phenom 8850B Triple-Core	2080	1718	NA	NA
AMD Phenom 9100e Quad-Core	1833	1839	45.89	\$39.95*
AMD Phenom 9150e Quad-Core	2113	1703	52.91	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1614	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1512	24.76	\$105.00*
AMD Phenom 9500 Quad-Core	2203	1671	75.99	\$28.99*
AMD Phenom 9550 Quad-Core	2544	1535	87.76	\$28.99*
AMD Phenom 9600 Quad-Core	2303	1624	46.11	\$49.95
AMD Phenom 9600B Quad-Core	2575	1521	17.50	\$147.19*
AMD Phenom 9650 Quad-Core	2635	1502	58.63	\$44.95*
AMD Phenom 9750 Quad-Core	2810	1448	95.32	\$29.49*
AMD Phenom 9750B Quad-Core	2709	1482	NA	NA

 CPU Benchmarks ▼

AMD Phenom 9850 Quad-Core CPU Name	Passmark 2887 CPU Mark (higher is better)	Rank 1374 (lower is better)	CPU Value 22.07 (higher is better)	Price \$119.99* (USD)
AMD Phenom 9950 Quad-Core	3009	1374	22.29	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1545	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1397	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1195	NA	NA

AMD Phenom II 42 TWKR Black Edition	3489	1231	NA	NA
AMD Phenom II N620 Dual-Core	1684	1912	422.27	\$3.99*
AMD Phenom II N640 Dual-Core	1721	1884	26.51	\$64.95*
AMD Phenom II N660 Dual-Core	1844	1829	18.63	\$99.00*
AMD Phenom II N830 3+1	2652	1496	NA	NA
AMD Phenom II N830 Triple-Core	1890	1808	NA	NA
AMD Phenom II N850 Triple-Core	1937	1780	77.51	\$25.00*
AMD Phenom II N870 Triple-Core	2000	1751	NA	NA
AMD Phenom II N930 Quad-Core	2274	1637	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1562	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2515	1547	16.77	\$149.99*
AMD Phenom II P650 Dual-Core	1579	1970	45.12	\$35.00*
AMD Phenom II P820 Triple-Core	1602	1960	NA	NA
AMD Phenom II P840 Triple-Core	1709	1894	NA	NA
AMD Phenom II P860 Triple-Core	1756	1868	NA	NA
AMD Phenom II P920 Quad-Core	1866	1818	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1831	1840	NA	NA
AMD Phenom II P960 Quad-Core	2085	1715	74.48	\$28.00*
AMD Phenom II X2 511	2104	1708	NA	NA
AMD Phenom II X2 521	2071	1722	NA	NA
AMD Phenom II X2 545	1918	1791	43.62	\$43.98*
AMD Phenom II X2 550	2022	1743	40.46	\$49.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X2 555	2042	1734	72.99	\$27.98*
AMD Phenom II X2 560	2061	1727	31.71	\$64.99*
AMD Phenom II X2 565	2225	1663	74.21	\$29.99*
AMD Phenom II X2 570	2068	1725	NA	NA
AMD Phenom II X2 B53	1709	1895	NA	NA

 CPU Benchmarks ▼

AMD Phenom II X2 B55 CPU Name	Passmark 1921 CPU Mark (higher is	Rank 1701 (lower is	CPU Value 48.02 (higher is	Price \$48.00* (USD)
AMD Phenom II X2 B59	2121	1701	48.16	\$44.04
AMD Phenom II X3 700e	2242	1656	NA	NA
AMD Phenom II X3 705e	2227	1661	14.63	\$152.34*
AMD Phenom II X3 710	2447	1573	28.96	\$84.53*

AMD Phenom II X3 715	2649	1499	31.17	\$84.99*
AMD Phenom II X3 720	2666	1493	38.10	\$69.99*
AMD Phenom II X3 740	2985	1384	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1475	36.47	\$75.00*
AMD Phenom II X3 B75	2896	1423	72.43	\$39.99*
AMD Phenom II X3 B77	3067	1359	137.64	\$22.29*
AMD Phenom II X4 805	2998	1379	17.23	\$173.99*
AMD Phenom II X4 810	3121	1342	26.91	\$115.99*
AMD Phenom II X4 820	3396	1254	45.31	\$74.95*
AMD Phenom II X4 830	3434	1245	42.95	\$79.95
AMD Phenom II X4 840	3508	1228	39.00	\$89.95*
AMD Phenom II X4 840T	3597	1201	51.41	\$69.99*
AMD Phenom II X4 850	3549	1211	54.62	\$64.99*
AMD Phenom II X4 900e	2882	1429	NA	NA
AMD Phenom II X4 905e	3080	1355	57.06	\$53.99*
AMD Phenom II X4 910	3247	1294	32.48	\$100.00*
AMD Phenom II X4 910e	3254	1292	20.73	\$156.99*
AMD Phenom II X4 920	3389	1256	42.37	\$79.99*
AMD Phenom II X4 925	3411	1248	77.56	\$43.99*
AMD Phenom II X4 940	3591	1203	60.52	\$59.34*
AMD Phenom II X4 945	3652	1192	56.24	\$64.95
AMD Phenom II X4 955	3918	1129	30.11	\$130.16*
AMD Phenom II X4 960T	3776	1156	8.05	\$469.00
AMD Phenom II X4 965	4179	1074	49.75	\$84.01
AMD Phenom II X4 970	4317	1050	29.15	\$148.11*
AMD Phenom II X4 973	3759	1163	NA	NA
AMD Phenom II X4 975	4453	1018	31.88	\$139.69*
AMD Phenom II X4 977	3750	1167	NA	NA

 CPU Benchmarks ▼

AMD Phenom II X4 980	4490	1011	19.52	\$229.99*
CPU Name	Passmark CPU Mark	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B700a	2736	1473	NA	NA
AMD Phenom II X4 B15e	2736	1473	NA	NA
AMD Phenom II X4 B25	3297	1282	NA	NA
AMD Phenom II X4 B35	3387	1257	NA	NA
AMD Phenom II X4 B40	3352	1265	NA	NA

AMD Phenom II X4 B45	3469	1236	NA	NA
AMD Phenom II X4 B50	3696	1179	NA	NA
AMD Phenom II X4 B55	3853	1137	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B60	4034	1099	NA	NA
AMD Phenom II X4 B65	4172	1075	NA	NA
AMD Phenom II X4 B70	4261	1058	NA	NA
AMD Phenom II X4 B93	3345	1267	NA	NA
AMD Phenom II X4 B95	3677	1184	50.41	\$72.95*
AMD Phenom II X4 B97	3868	1133	67.87	\$56.99*
AMD Phenom II X4 B99	4126	1084	NA	NA
AMD Phenom II X6 1035T	4665	969	24.68	\$189.00*
AMD Phenom II X6 1045T	4800	951	44.45	\$108.01*
AMD Phenom II X6 1055T	4967	915	45.56	\$109.03
AMD Phenom II X6 1065T	5034	901	NA	NA
AMD Phenom II X6 1075T	5330	852	47.18	\$112.99*
AMD Phenom II X6 1090T	5563	815	36.12	\$154.04*
AMD Phenom II X6 1100T	5709	794	32.17	\$177.49*
AMD Phenom II X6 1405T	5042	899	NA	NA
AMD Phenom II X620 Dual-Core	2189	1677	NA	NA
AMD Phenom II X640 Dual-Core	2021	1744	NA	NA
AMD Phenom II X920 Quad-Core	2650	1498	NA	NA
AMD Phenom II X940 Quad-Core	2695	1484	NA	NA
AMD Phenom Ultra X4 24500	3945	1122	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1905	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1670	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1873	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2173	NA	NA

 CPU Benchmarks ▼

AMD Phenom X2 Dual-Core GP-7730 CPU Name	Passmark 1435 CPU Mark (higher is better)	Rank 2008 (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X4 Quad-Core GP-9500	1757	1865	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1753	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1659	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1422	NA	NA

AMD Phenom X4 Quad-Core GP-9830	2715	1481	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1486	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2155	NA	NA
AMD PRO A4-3350B APU	2274	1638	NA	NA
AMD PRO A4-8350B	2776	1459	NA	NA
AMD PRO A6-7350B	2759	1466	NA	NA
AMD PRO A6-8500B	2516	1546	NA	NA
AMD PRO A6-8530B	2388	1594	NA	NA
AMD PRO A6-8550B	2970	1390	NA	NA
AMD PRO A6-8570	3049	1367	NA	NA
AMD PRO A6-8570E	2824	1442	NA	NA
AMD PRO A6-9500	2950	1396	39.88	\$74.00*
AMD PRO A6-9500B	2076	1720	NA	NA
AMD PRO A6-9500E	2717	1478	36.73	\$74.00*
AMD PRO A8-8600B	3512	1227	NA	NA
AMD PRO A8-8650B	5250	863	NA	NA
AMD PRO A8-8670E	5015	906	NA	NA
AMD PRO A8-9600	5277	859	44.35	\$119.00*
AMD PRO A8-9600B	3964	1115	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A10-8700B	3562	1210	NA	NA
AMD PRO A10-8730B	3971	1112	NA	NA
AMD PRO A10-8750B	5473	824	NA	NA
AMD PRO A10-8770	5707	795	NA	NA
AMD PRO A10-8770E	5035	900	NA	NA
AMD PRO A10-8850B	5852	774	NA	NA
AMD PRO A10-9700	5599	807	33.13	\$169.00*
AMD PRO A10-9700B	4380	1032	NA	NA

 CPU Benchmarks ▼

AMD PRO A10-9700E CPU Name	Passmark 5066 CPU Mark (higher is	Bank 832 (lower is	GPU Value 36.43 (higher is	\$139.00* Price (USD)
AMD PRO A12-8830B	4259	1060	NA	NA
AMD PRO A12-8870	6067	757	NA	NA
AMD PRO A12-8870E	5186	875	NA	NA
AMD PRO A12-9800	6132	746	36.29	\$169.00*

AMD PRO A12-9800B	4089	1091	NA	NA
AMD PRO A12-9800E	4769	956	28.22	\$169.00*
AMD QC-4000	1663	1929	NA	NA
AMD R-260H APU	1576	1971	NA	NA
AMD R-460L APU	1954	1771	NA	NA
AMD R-464L APU	3117	1344	NA	NA
AMD RX-427BB	4364	1037	NA	NA
AMD Ryzen 3 1200	6791	677	113.21	\$59.99
AMD Ryzen 3 1300X	7551	608	98.63	\$76.56
AMD Ryzen 3 2200G	7323	628	91.58	\$79.97
AMD Ryzen 3 2200GE	6976	660	NA	NA
AMD Ryzen 3 2200U	4591	991	NA	NA
AMD Ryzen 3 2300U	6096	752	NA	NA
AMD Ryzen 3 2300X	8367	521	NA	NA
AMD Ryzen 3 3200G	7775	583	81.86	\$94.99
AMD Ryzen 3 3200U	4775	955	NA	NA
AMD Ryzen 3 3300U	6143	744	NA	NA
AMD Ryzen 3 PRO 1200	7075	650	NA	NA
AMD Ryzen 3 PRO 1300	7994	558	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	883	NA	NA
AMD Ryzen 3 PRO 2200G	8042	549	NA	NA
AMD Ryzen 3 PRO 2200GE	7613	603	NA	NA
AMD Ryzen 3 PRO 2300U	7092	648	NA	NA
AMD Ryzen 3 PRO 3200G	8016	555	NA	NA
AMD Ryzen 3 PRO 3200GE	8147	540	NA	NA
AMD Ryzen 3 PRO 3300U	6888	672	NA	NA
AMD Ryzen 5 1400	8365	523	62.14	\$134.63
AMD Ryzen 5 1500X	10113	349	73.82	\$137.00

 CPU Benchmarks ▼

AMD Ryzen 5 1600	12278 Passmark CPU Mark (higher is better)	251 Rank (lower is better)	111.68 CPU Value (higher is better)	\$109.95 Price (USD)
AMD Ryzen 5 1600V				
AMD Ryzen 5 2400GE	8875	479	NA	NA
AMD Ryzen 5 2500U	7359	626	NA	NA
AMD Ryzen 5 2500X	9626	398	NA	NA
AMD Ryzen 5 2600	13523	214	114.61	\$118.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 2600H	8366	522	NA	NA
AMD Ryzen 5 2600X	14362	186	89.77	\$159.99
AMD Ryzen 5 3400G	9985	362	68.87	\$144.99
AMD Ryzen 5 3500U	7957	566	NA	NA
AMD Ryzen 5 3550H	8420	517	NA	NA
AMD Ryzen 5 3600	19924	73	102.24	\$194.89
AMD Ryzen 5 3600X	20490	65	87.20	\$234.99
AMD Ryzen 5 PRO 1500	10133	347	NA	NA
AMD Ryzen 5 PRO 1600	12213	256	NA	NA
AMD Ryzen 5 PRO 2400G	9990	360	NA	NA
AMD Ryzen 5 PRO 2400GE	8512	507	NA	NA
AMD Ryzen 5 PRO 2500U	8213	532	NA	NA
AMD Ryzen 5 PRO 2600	14221	192	NA	NA
AMD Ryzen 5 PRO 3400G	10487	325	NA	NA
AMD Ryzen 5 PRO 3400GE	8370	520	NA	NA
AMD Ryzen 5 PRO 3500U	8437	515	NA	NA
AMD Ryzen 5 PRO 3600	21234	58	NA	NA
AMD Ryzen 7 1700	13926	197	60.60	\$229.79
AMD Ryzen 7 1700X	14815	173	90.89	\$163.00
AMD Ryzen 7 1800X	15536	155	53.57	\$289.99
AMD Ryzen 7 2700	15081	165	84.73	\$177.99
AMD Ryzen 7 2700E	13410	221	NA	NA
AMD Ryzen 7 2700U	7400	624	NA	NA
AMD Ryzen 7 2700X	16978	117	87.08	\$194.99
AMD Ryzen 7 2800H	8498	509	NA	NA
AMD Ryzen 7 3700U	8091	546	NA	NA
AMD Ryzen 7 3700X	23893	35	72.62	\$329.00

 CPU Benchmarks ▼

AMD Ryzen 7 3750H CPU Name	Passmark 9047 CPU Mark (higher is better)	Rank 193 (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 PRO 1700	14112	193	NA	NA
AMD Ryzen 7 PRO 1700X	15324	160	NA	NA
AMD Ryzen 7 PRO 2700	15406	159	NA	NA
AMD Ryzen 7 PRO 2700U	8887	478	NA	NA

AMD Ryzen 7 PRO 2700X	17161	114	NA	NA
AMD Ryzen 7 PRO 3700	25726	20	NA	NA
AMD Ryzen 7 PRO 3700U	8596	504	NA	NA
AMD Ryzen 9 3900X	31865	5	56.40	\$564.99
AMD Ryzen 9 PRO 3900	32946	4	NA	NA
AMD Ryzen Embedded R1505G	4889	929	NA	NA
AMD Ryzen Embedded V1202B	4368	1034	NA	NA
AMD Ryzen Embedded V1605B	7009	655	NA	NA
AMD Ryzen Embedded V1807B	8604	502	NA	NA
AMD Ryzen Threadripper 1900X	16127	140	76.80	\$209.99
AMD Ryzen Threadripper 1920X	19975	71	95.13	\$209.99
AMD Ryzen Threadripper 1950X	21915	48	44.73	\$489.99
AMD Ryzen Threadripper 2920X	22196	46	54.81	\$404.99
AMD Ryzen Threadripper 2950X	25461	21	36.37	\$699.99
AMD Ryzen Threadripper 2970WX	21620	53	23.55	\$918.00
AMD Ryzen Threadripper 2990WX	23170	40	13.64	\$1,699.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Threadripper 2990X	19227	88	NA	NA
AMD Sempron 130	700	2440	28.03	\$24.99*
AMD Sempron 140	738	2422	18.66	\$39.59*
AMD Sempron 145	807	2393	8.51	\$94.92
AMD Sempron 150	747	2416	16.64	\$44.95*
AMD Sempron 200U	267	2825	3.08	\$87.00*
AMD Sempron 210U	391	2672	NA	NA
AMD Sempron 240	2110	1706	36.39	\$58.00
AMD Sempron 2100+	392	2670	NA	NA
AMD Sempron 2200+	282	2805	9.42	\$29.99*
AMD Sempron 2300+	318	2746	7.07	\$45.00*

 CPU Benchmarks ▼

AMD Sempron 2400+ CPU Name	Passmark 314 CPU Mark (higher is	Rank 2705 (lower is	CPU Value 10.71 (higher is	Price \$26.00* (USD)
AMD Sempron 2600+	374	2684	10.71	\$34.95
AMD Sempron 2650 APU	951	2314	17.72	\$53.68
AMD Sempron 2800+	383	2676	6.40	\$59.95
AMD Sempron 3000+	408	2643	20.41	\$20.00

AMD Sempron 3100+	452	2596	7.53	\$60.00*
AMD Sempron 3200+	406	2644	3.10	\$131.22*
AMD Sempron 3300+	484	2565	8.07	\$60.00
AMD Sempron 3400+	454	2594	15.21	\$29.89
AMD Sempron 3500+	379	2679	18.98	\$20.00*
AMD Sempron 3600+	483	2567	40.30	\$12.00*
AMD Sempron 3800+	554	2512	3.62	\$152.92*
AMD Sempron 3850 APU	1715	1889	23.54	\$72.90
AMD Sempron Dual Core 2100	936	2327	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2283	NA	NA
AMD Sempron Dual Core 2300	982	2291	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2317	NA	NA
AMD Sempron Dual Core 4900	1081	2234	NA	NA
AMD Sempron LE-250	490	2554	NA	NA
AMD Sempron LE-1100	438	2613	NA	NA
AMD Sempron LE-1150	444	2605	NA	NA
AMD Sempron LE-1200	527	2526	NA	NA
AMD Sempron LE-1250	543	2517	5.44	\$99.95*
AMD Sempron LE-1300	598	2488	28.51	\$21.00
AMD Sempron LE-1600	535	2522	NA	NA
AMD Sempron LE-1620	635	2470	NA	NA
AMD Sempron LE-1640	759	2411	NA	NA
AMD Sempron M100	566	2508	47.17	\$12.00*
AMD Sempron M120	582	2497	NA	NA
AMD Sempron SI-40	443	2607	36.93	\$12.00*
AMD Sempron SI-42	456	2593	15.22	\$30.01*
AMD Sempron X2 180	1391	2050	20.05	\$69.40*
AMD Sempron X2 190	1534	1988	18.39	\$83.44*

 CPU Benchmarks ▼

<u>AMD Sempron X2 198 Dual-Core</u>	1413 Passmark CPU Mark (higher is better)	2044 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
<u>AMD Turion 64 Mobile ML-28</u>	390	2673	NA	NA
<u>AMD Turion 64 Mobile ML-30</u>	402	2654	NA	NA

<u>AMD Turion 64 Mobile ML-32</u>	402	2652	NA	NA
<u>AMD Turion 64 Mobile ML-34</u>	425	2628	NA	NA
<u>AMD Turion 64 Mobile ML-37</u>	446	2603	2.27	\$196.50*
<u>AMD Turion 64 Mobile ML-40</u>	522	2532	NA	NA
<u>AMD Turion 64 Mobile ML-42</u>	615	2479	NA	NA
<u>AMD Turion 64 Mobile ML-44</u>	591	2490	NA	NA
<u>AMD Turion 64 Mobile MT-28</u>	419	2631	NA	NA
<u>AMD Turion 64 Mobile MT-30</u>	378	2680	NA	NA
<u>AMD Turion 64 Mobile MT-32</u>	426	2627	NA	NA
<u>AMD Turion 64 Mobile MT-34</u>	429	2623	NA	NA
<u>AMD Turion 64 Mobile MT-37</u>	484	2564	NA	NA
<u>AMD Turion 64 Mobile MT-40</u>	536	2521	NA	NA
<u>AMD Turion 64 X2 Mobile TL-50</u>	747	2418	14.95	\$49.99*
<u>AMD Turion 64 X2 Mobile TL-52</u>	763	2407	NA	NA
<u>AMD Turion 64 X2 Mobile TL-56</u>	891	2353	63.89	\$13.95*
<u>AMD Turion 64 X2 Mobile TL-58</u>	947	2321	NA	NA
<u>AMD Turion 64 X2 Mobile TL-60</u>	996	2282	62.48	\$15.95*
<u>AMD Turion 64 X2 Mobile TL-62</u>	1087	2226	3.50	\$311.00*
<u>AMD Turion 64 X2 Mobile TL-64</u>	1090	2225	27.69	\$39.39*
<u>AMD Turion 64 X2 Mobile TL-66</u>	1141	2199	3.02	\$378.00*
<u>AMD Turion 64 X2 Mobile TL-68</u>	1162	2187	12.92	\$90.00*
<u>AMD Turion Dual-Core RM-70</u>	912	2343	36.49	\$25.00*
<u>AMD Turion Dual-Core RM-72</u>	860	2362	21.52	\$39.99*
<u>AMD Turion Dual-Core RM-74</u>	1016	2266	NA	NA
<u>AMD Turion Dual-Core RM-75</u>	1003	2276	36.53	\$27.46*
<u>AMD Turion II Dual-Core Mobile M500</u>	1293	2105	NA	NA
<u>AMD Turion II Dual-Core Mobile M520</u>	1306	2098	18.91	\$69.10*
<u>AMD Turion II Dual-Core Mobile M540</u>	1338	2083	NA	NA

 CPU Benchmarks ▼

AMD Turion II N530 Dual-Core	1583 Passmark CPU Mark (higher is better)	1969 Rank (lower is better)	52.78 CPU Value (higher is better)	\$30.00* Price (USD)
AMD Turion II N550 Dual-Core				
AMD Turion II Neo K685 Dual-Core	1186	2171	NA	NA
AMD Turion II Neo N40L Dual-Core	928	2331	NA	NA
AMD Turion II Neo N54L Dual-Core	1364	2065	NA	NA
AMD Turion II P520 Dual-Core	1360	2070	NA	NA

AMD Turion II P540 Dual-Core	1432	2037	28.67	\$49.95*
AMD Turion II P560 Dual-Core	1515	1998	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	2045	52.55	\$26.76*
AMD Turion II Ultra Dual-Core Mobile M620	1435	2034	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1670	1920	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1989	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2389	NA	NA
AMD Turion X2 Dual Core L510	923	2336	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2364	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2243	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	994	2287	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2230	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2242	43.31	\$24.47*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Dual-Core Mobile RM-75	1120	2204	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2194	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1023	2260	16.51	\$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2232	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2157	63.72	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2145	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1295	2104	23.56	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1205	2160	30.18	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2281	NA	NA

 CPU Benchmarks ▼

AMD TurionX2 Dual Core Mobile RM-72	Passmark CPU Mark #higher is	2257 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
AMD V105	299	2773	NA	NA
AMD V120	623	2477	NA	NA
AMD V140	643	2467	12.89	\$49.95*
AMD V160	677	2452	NA	NA

AMD Z-01	523	2531	NA	NA
AMD Z-60 APU	500	2549	NA	NA
AMD-K6 3D	90	2949	NA	NA
AMD-K6-III	108	2946	NA	NA
AMD-K7	403	2651	NA	NA
Athlon 64 Dual Core 3800+	1234	2146	NA	NA
Athlon 64 Dual Core 4200+	1156	2191	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	2063	NA	NA
Athlon 64 Dual Core 5000+	1507	2003	NA	NA
Athlon 64 Dual Core 5400+	1614	1953	NA	NA
Athlon 64 Dual Core 5600+	1548	1980	NA	NA
Athlon Dual Core 4050e	968	2300	NA	NA
Athlon Dual Core 4450e	1204	2161	NA	NA
Athlon Dual Core 4850e	1346	2076	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1436	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1086	2229	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1172	2179	27.91	\$42.00
Celeron Dual-Core T3300 @ 2.00GHz	1201	2164	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	2123	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2159	NA	NA
HP Hexa-Core 2.0GHz	2178	1678	4.32	\$504.27*
Intel 2.80GHz	525	2529	NA	NA
Intel 1300 @ 1.66GHz	857	2366	NA	NA
Intel 1400 @ 1.83GHz	980	2292	NA	NA
Intel 1500 @ 2.00GHz	1024	2258	NA	NA
Intel Atom 230 @ 1.60GHz	307	2760	NA	NA
Intel Atom 330 @ 1.60GHz	587	2494	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2351	NA	NA

 CPU Benchmarks ▼

Intel Atom C2358 @ 1.74GHz	961 Passmark CPU Mark (higher is better)	2307 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
Intel Atom C2558 @ 2.40GHz	2169	1683	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3768	1158	16.24	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1268	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C2758 @ 2.40GHz	3162	1326	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1570	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1538	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	940	14.62	\$332.00*
Intel Atom C3958 @ 2.00GHz	6586	702	14.67	\$449.00*
Intel Atom D410 @ 1.66GHz	301	2769	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2721	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	658	2460	6.78	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2435	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2649	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2450	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2432	NA	NA
Intel Atom D2700 @ 2.13GHz	839	2374	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2429	NA	NA
Intel Atom E660 @ 1.30GHz	271	2821	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2718	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2734	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2499	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2555	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2370	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2188	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	2005	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1817	NA	NA
Intel Atom E3950 @ 1.60GHz	1876	1813	NA	NA
Intel Atom K510 @ 1.66GHz	658	2459	NA	NA
Intel Atom N270 @ 1.60GHz	270	2824	NA	NA
Intel Atom N280 @ 1.66GHz	282	2803	NA	NA

 CPU Benchmarks ▼

Intel Atom N435 @ 1.33GHz CPU Name	Passmark 261 CPU Mark (higher is better)	Rank 2802 (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N455 @ 1.66GHz	283	2801	NA	NA
Intel Atom N470 @ 1.83GHz	318	2745	NA	NA
Intel Atom N475 @ 1.83GHz	314	2751	NA	NA
Intel Atom N550 @ 1.50GHz	524	2530	6.10	\$86.00*

Intel Atom N570 @ 1.66GHz	573	2504	6.66	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2765	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2527	NA	NA
Intel Atom N2800 @ 1.86GHz	625	2475	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2339	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1735	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2390	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1600	1961	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1191	2167	8.96	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1015	2267	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1274	2124	60.69	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1696	1906	27.11	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1835	1837	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1890	1807	25.68	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1894	1803	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2900	4.33	\$45.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z515 @ 1.20GHz	218	2876	NA	NA
Intel Atom Z520 @ 1.33GHz	217	2877	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2809	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2715	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2677	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2856	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2507	NA	NA
Intel Atom Z3735D @ 1.33GHz	937	2325	NA	NA
Intel Atom Z3735E @ 1.33GHz	948	2319	8.10	\$117.00*
Intel Atom Z3735F @ 1.33GHz	914	2340	5.04	\$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2347	NA	NA

 CPU Benchmarks ▼

<u>Intel Atom Z3736F @ 1.33GHz</u> CPU Name	Passmark 913 CPU Mark (higher is	Rank (lower is	QRU Value (higher is	Price (USD)
<u>Intel Atom Z3740D @ 1.33GHz</u>	1011	2269	NA	NA
<u>Intel Atom Z3745 @ 1.33GHz</u>	1079	2237	35.98	\$30.00*
<u>Intel Atom Z3745D @ 1.33GHz</u>	1018	2265	NA	NA
<u>Intel Atom Z3770 @ 1.46GHz</u>	1252	2136	8.38	\$149.44*

<u>Intel Atom Z3770D @ 1.49GHz</u>	805	2394	NA	NA
<u>Intel Atom Z3775 @ 1.46GHz</u>	1275	2122	36.44	\$35.00*
<u>Intel Atom Z3775D @ 1.49GHz</u>	1278	2120	NA	NA
<u>Intel Atom Z3795 @ 1.60GHz</u>	1804	1851	NA	NA
<u>Intel Celeron 1.70GHz</u>	130	2939	NA	NA
<u>Intel Celeron 1.80GHz</u>	136	2936	NA	NA
<u>Intel Celeron 2.00GHz</u>	182	2912	NA	NA
<u>Intel Celeron 2.10GHz</u>	244	2854	NA	NA
<u>Intel Celeron 2.13GHz</u>	208	2887	NA	NA
<u>Intel Celeron 2.20GHz</u>	213	2882	NA	NA
<u>Intel Celeron 2.26GHz</u>	223	2871	NA	NA
<u>Intel Celeron 2.30GHz</u>	227	2868	NA	NA
<u>Intel Celeron 2.40GHz</u>	217	2878	NA	NA
<u>Intel Celeron 2.50GHz</u>	247	2848	NA	NA
<u>Intel Celeron 2.53GHz</u>	245	2852	NA	NA
<u>Intel Celeron 2.60GHz</u>	238	2858	NA	NA
<u>Intel Celeron 2.66GHz</u>	249	2846	NA	NA
<u>Intel Celeron 2.70GHz</u>	245	2853	NA	NA
<u>Intel Celeron 2.80GHz</u>	254	2838	NA	NA
<u>Intel Celeron 2.93GHz</u>	283	2800	NA	NA
<u>Intel Celeron 3.06GHz</u>	284	2797	NA	NA
<u>Intel Celeron 3.20GHz</u>	288	2790	NA	NA
<u>Intel Celeron 3.33GHz</u>	333	2732	NA	NA
<u>Intel Celeron 215 @ 1.33GHz</u>	322	2740	NA	NA
<u>Intel Celeron 220 @ 1.20GHz</u>	320	2742	NA	NA
<u>Intel Celeron 420 @ 1.60GHz</u>	450	2598	11.27	\$39.99*
<u>Intel Celeron 430 @ 1.80GHz</u>	487	2558	10.33	\$47.18
<u>Intel Celeron 440 @ 2.00GHz</u>	544	2515	24.38	\$22.33

 CPU Benchmarks ▼

Intel Celeron 450 @ 2.20GHz	625	2476	20.86	\$29.99*
CPU Name Intel Celeron 530 @ 1.73GHz	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 550 @ 2.00GHz	517	2535	7.96	\$64.95
Intel Celeron 560 @ 2.13GHz	531	2524	6.65	\$79.95

Intel Celeron 570 @ 2.26GHz	517	2534	NA	NA
Intel Celeron 600MHz	147	2932	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2647	NA	NA
Intel Celeron 743 @ 1.30GHz	421	2630	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2415	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2693	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2480	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2328	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2262	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2197	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2178	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	2108	NA	NA
Intel Celeron 887 @ 1.50GHz	1280	2118	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2453	12.58	\$53.75
Intel Celeron 925 @ 2.30GHz	691	2445	NA	NA
Intel Celeron 1000M @ 1.80GHz	1675	1916	NA	NA
Intel Celeron 1000MHz	213	2881	NA	NA
Intel Celeron 1005M @ 1.90GHz	1809	1847	NA	NA
Intel Celeron 1007U @ 1.50GHz	1389	2052	7.51	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1513	2001	NA	NA
Intel Celeron 1019Y @ 1.00GHz	946	2322	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1660	NA	NA
Intel Celeron 1037U @ 1.80GHz	1737	1880	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2169	NA	NA
Intel Celeron 1066MHz	259	2834	NA	NA
Intel Celeron 1100MHz	174	2918	NA	NA
Intel Celeron 1133MHz	282	2802	NA	NA
Intel Celeron 1200MHz	244	2855	NA	NA

 CPU Benchmarks ▼

<u>Intel Celeron 1300MHz</u>	288	2792	NA	NA
CPU Name	Passmark	Rank	CPU Value	Price
Intel Celeron 1333MHz	CPU Mark	(lower is	(higher is	(USD)
	higher is	better)	better)	
<u>Intel Celeron 2000E @ 2.20GHz</u>	2365	1605	NA	NA
<u>Intel Celeron 2002E @ 1.50GHz</u>	1605	1956	18.67	\$86.00*
<u>Intel Celeron 2950M @ 2.00GHz</u>	1984	1757	NA	NA
<u>Intel Celeron 2955U @ 1.40GHz</u>	1417	2041	NA	NA
<u>Intel Celeron 2957U @ 1.40GHz</u>	1434	2035	NA	NA
<u>Intel Celeron 2961Y @ 1.10GHz</u>	1110	2212	NA	NA
<u>Intel Celeron 2970M @ 2.20GHz</u>	2312	1619	NA	NA
<u>Intel Celeron 2980U @ 1.60GHz</u>	1593	1967	NA	NA
<u>Intel Celeron 2981U @ 1.60GHz</u>	1364	2066	NA	NA
<u>Intel Celeron 3205U @ 1.50GHz</u>	1501	2007	5.23	\$287.04*
<u>Intel Celeron 3215U @ 1.70GHz</u>	1641	1938	NA	NA
<u>Intel Celeron 3755U @ 1.70GHz</u>	1702	1901	NA	NA
<u>Intel Celeron 3765U @ 1.90GHz</u>	1948	1776	NA	NA
<u>Intel Celeron 3855U @ 1.60GHz</u>	1687	1910	NA	NA
<u>Intel Celeron 3865U @ 1.80GHz</u>	1913	1795	NA	NA
<u>Intel Celeron 3867U @ 1.80GHz</u>	1843	1831	17.23	\$107.00*
<u>Intel Celeron 3955U @ 2.00GHz</u>	1934	1782	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Celeron 3965U @ 2.20GHz</u>	2358	1606	22.04	\$107.00*
<u>Intel Celeron 3965Y @ 1.50GHz</u>	1607	1955	15.03	\$107.00*
<u>Intel Celeron 4205U @ 1.80GHz</u>	1953	1773	18.25	\$107.00*
<u>Intel Celeron @ 1.30GHz</u>	965	2302	NA	NA
<u>Intel Celeron B710 @ 1.60GHz</u>	186	2906	NA	NA
<u>Intel Celeron B720 @ 1.70GHz</u>	814	2387	NA	NA
<u>Intel Celeron B800 @ 1.50GHz</u>	1278	2119	NA	NA
<u>Intel Celeron B810 @ 1.60GHz</u>	1395	2049	NA	NA
<u>Intel Celeron B815 @ 1.60GHz</u>	1363	2067	NA	NA
<u>Intel Celeron B820 @ 1.70GHz</u>	1432	2036	36.46	\$39.29*
<u>Intel Celeron B830 @ 1.80GHz</u>	1512	2002	NA	NA
<u>Intel Celeron B840 @ 1.90GHz</u>	1719	1886	NA	NA
<u>Intel Celeron D 347 @ 3.06GHz</u>	270	2823	NA	NA
<u>Intel Celeron D 352 @ 3.20GHz</u>	302	2767	NA	NA

 CPU Benchmarks ▼

Intel Celeron D 356 @ 3.33GHz CPU Name	Passmark 315 CPU Mark (higher is	Bank (lower is	QRU Value (higher is	Price (USD)
Intel Celeron D 365 @ 3.60GHz	404	2648	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2568	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2495	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2365	7.80	\$109.95*

Intel Celeron E1400 @ 2.00GHz	1052	2246	15.04	\$69.99
Intel Celeron E1500 @ 2.20GHz	1169	2182	59.51	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2132	NA	NA
Intel Celeron E3200 @ 2.40GHz	1382	2056	26.59	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1389	2053	55.62	\$24.98
Intel Celeron E3400 @ 2.60GHz	1441	2031	2.36	\$610.00*
Intel Celeron E3500 @ 2.70GHz	1454	2024	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	694	2442	13.90	\$49.99*
Intel Celeron G460 @ 1.80GHz	1035	2254	15.93	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2240	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2102	NA	NA
Intel Celeron G530 @ 2.40GHz	2130	1697	53.27	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1887	NA	NA
Intel Celeron G540 @ 2.50GHz	2197	1674	48.83	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1702	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1627	28.63	\$80.00
Intel Celeron G550T @ 2.20GHz	2032	1739	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1580	22.23	\$109.00
Intel Celeron G1101 @ 2.27GHz	1667	1924	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2488	1559	52.95	\$47.00
Intel Celeron G1610T @ 2.30GHz	2256	1647	56.35	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2575	1522	39.63	\$64.99
Intel Celeron G1620T @ 2.40GHz	2353	1610	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1557	35.63	\$69.99
Intel Celeron G1820 @ 2.70GHz	2754	1468	45.92	\$59.99
Intel Celeron G1820T @ 2.40GHz	2500	1556	59.54	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1695	NA	NA
Intel Celeron G1830 @ 2.80GHz	2559	1528	26.95	\$94.95

 CPU Benchmarks ▼

Intel Celeron G1840 @ 2.80GHz	2860 Passmark	1433 Rank	31.86 CPU Value	\$89.79 Price
CPU Name	CPU Mark Passmark CPU (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1840T @ 2.50GHz	2554	1532	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1412	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3134	1337	57.00	\$54.99
Intel Celeron G3900E @ 2.40GHz	2679	1489	NA	NA

Intel Celeron G3900T @ 2.60GHz	2925	1408	26.01	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1515	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1341	27.40	\$113.99*
Intel Celeron G3930 @ 2.90GHz	3037	1368	59.36	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1462	46.11	\$59.99
Intel Celeron G3930TE @ 2.70GHz	2970	1392	70.72	\$42.00*
Intel Celeron G3950 @ 3.00GHz	3049	1366	42.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3285	1284	73.54	\$44.68
Intel Celeron G4900T @ 2.90GHz	3096	1349	NA	NA
Intel Celeron G4920 @ 3.20GHz	3192	1314	41.74	\$76.50*
Intel Celeron G4930 @ 3.20GHz	3439	1244	54.93	\$62.62
Intel Celeron J1750 @ 2.41GHz	1037	2253	NA	NA
Intel Celeron J1800 @ 2.41GHz	1020	2263	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1951	NA	NA
Intel Celeron J1900 @ 1.99GHz	1852	1825	NA	NA
Intel Celeron J3060 @ 1.60GHz	976	2295	NA	NA
Intel Celeron J3160 @ 1.60GHz	1793	1855	NA	NA
Intel Celeron J3355 @ 2.00GHz	1168	2183	NA	NA
Intel Celeron J3455 @ 1.50GHz	2112	1705	5.56	\$379.99
Intel Celeron J4005 @ 2.00GHz	1544	1982	10.99	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2647	1500	24.74	\$107.00*
Intel Celeron M 1.00GHz	207	2888	1.60	\$129.95
Intel Celeron M 1.30GHz	316	2747	NA	NA
Intel Celeron M 1.50GHz	343	2723	NA	NA
Intel Celeron M 1.60GHz	364	2702	NA	NA
Intel Celeron M 1.70GHz	393	2668	NA	NA
Intel Celeron M 360 1.40GHz	328	2736	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2749	NA	NA

 CPU Benchmarks ▼

Intel Celeron M 420 @ 1.60GHz	334 Passmark CPU Mark (higher is better)	2731 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
Intel Celeron M 430 @ 1.73GHz				
Intel Celeron M 443 @ 1.20GHz	253	2840	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2599	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2622	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2584	NA	NA

Intel Celeron M 540 @ 1.86GHz	542	2518	NA	NA
Intel Celeron M 600MHz	151	2930	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2592	NA	NA
Intel Celeron M 900MHz	204	2890	NA	NA
Intel Celeron M 1200MHz	275	2818	NA	NA
Intel Celeron M 1300MHz	303	2763	NA	NA
Intel Celeron M 1500MHz	333	2733	NA	NA
Intel Celeron M ULV 800MHz	184	2910	NA	NA
Intel Celeron N2805 @ 1.46GHz	460	2589	NA	NA
Intel Celeron N2806 @ 1.60GHz	802	2395	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2807 @ 1.58GHz	861	2361	NA	NA
Intel Celeron N2808 @ 1.58GHz	907	2346	NA	NA
Intel Celeron N2810 @ 2.00GHz	787	2400	5.62	\$139.99*
Intel Celeron N2815 @ 1.86GHz	859	2363	NA	NA
Intel Celeron N2820 @ 2.13GHz	936	2326	4.46	\$209.99*
Intel Celeron N2830 @ 2.16GHz	966	2301	NA	NA
Intel Celeron N2840 @ 2.16GHz	1003	2275	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2162	NA	NA
Intel Celeron N2920 @ 1.86GHz	1514	2000	NA	NA
Intel Celeron N2930 @ 1.83GHz	1658	1932	NA	NA
Intel Celeron N2940 @ 1.83GHz	1722	1883	NA	NA
Intel Celeron N3000 @ 1.04GHz	899	2349	NA	NA
Intel Celeron N3010 @ 1.04GHz	973	2296	NA	NA
Intel Celeron N3050 @ 1.60GHz	879	2354	5.91	\$148.71
Intel Celeron N3060 @ 1.60GHz	987	2290	NA	NA
Intel Celeron N3150 @ 1.60GHz	1665	1925	NA	NA
Intel Celeron N3160 @ 1.60GHz	1664	1928	5.56	\$299.18

 CPU Benchmarks ▼

<u>Intel Celeron N3350 @ 1.10GHz</u> CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Celeron N4000 @ 1.10GHz</u>	1437	2032	13.44	\$107.00*
<u>Intel Celeron N4100 @ 1.10GHz</u>	2262	1645	21.14	\$107.00*
<u>Intel Celeron P4500 @ 1.87GHz</u>	1116	2206	NA	NA
<u>Intel Celeron P4505 @ 1.87GHz</u>	994	2285	NA	NA

<u>Intel Celeron P4600 @ 2.00GHz</u>	1328	2087	NA	NA
<u>Intel Celeron SU2300 @ 1.20GHz</u>	771	2404	NA	NA
<u>Intel Celeron T1600 @ 1.66GHz</u>	950	2316	47.57	\$19.99*
<u>Intel Celeron T1700 @ 1.83GHz</u>	1058	2244	35.29	\$29.99*
<u>Intel Celeron U1900 @ 1.99GHz</u>	1704	1900	NA	NA
<u>Intel Celeron U3400 @ 1.07GHz</u>	721	2427	NA	NA
<u>Intel Celeron U3405 @ 1.07GHz</u>	684	2447	NA	NA
<u>Intel Celeron U3600 @ 1.20GHz</u>	809	2392	NA	NA
<u>Intel Core2 Duo E4300 @ 1.80GHz</u>	1051	2247	6.57	\$159.95*
<u>Intel Core2 Duo E4400 @ 2.00GHz</u>	1157	2190	23.15	\$49.99*
<u>Intel Core2 Duo E4500 @ 2.20GHz</u>	1271	2126	17.85	\$71.25*
<u>Intel Core2 Duo E4600 @ 2.40GHz</u>	1384	2055	8.77	\$157.95*
<u>Intel Core2 Duo E4700 @ 2.60GHz</u>	1481	2016	54.88	\$26.99*
<u>Intel Core2 Duo E6300 @ 1.86GHz</u>	1108	2215	85.33	\$12.99*
<u>Intel Core2 Duo E6320 @ 1.86GHz</u>	1185	2172	23.72	\$49.99*
<u>Intel Core2 Duo E6400 @ 2.13GHz</u>	1289	2110	43.04	\$29.95*
<u>Intel Core2 Duo E6420 @ 2.13GHz</u>	1360	2071	27.21	\$49.99*
<u>Intel Core2 Duo E6540 @ 2.33GHz</u>	1451	2027	NA	NA
<u>Intel Core2 Duo E6550 @ 2.33GHz</u>	1498	2008	100.24	\$14.95*
<u>Intel Core2 Duo E6600 @ 2.40GHz</u>	1554	1979	103.73	\$14.99*
<u>Intel Core2 Duo E6700 @ 2.66GHz</u>	1693	1908	56.47	\$29.99*
<u>Intel Core2 Duo E6750 @ 2.66GHz</u>	1712	1891	166.30	\$10.30*
<u>Intel Core2 Duo E6850 @ 3.00GHz</u>	1945	1777	38.92	\$49.99*
<u>Intel Core2 Duo E7200 @ 2.53GHz</u>	1627	1948	33.22	\$49.00*
<u>Intel Core2 Duo E7300 @ 2.66GHz</u>	1726	1882	43.30	\$39.88*
<u>Intel Core2 Duo E7400 @ 2.80GHz</u>	1769	1861	61.05	\$28.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core2 Duo E7500 @ 2.93GHz</u>	1874	1816	125.02	\$14.99*

 CPU Benchmarks ▼

Intel Core2 Duo E7600 @ 3.06GHz CPU Name	Passmark 1963 CPU Mark (higher is	Rank 1863 (lower is	CPU Value 16.37 (higher is	\$119.95* Price (USD)
Intel Core2 Duo E8135 @ 2.66GHz	1761	1863	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1882	1812	37.66	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1770	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1608	NA	NA

Intel Core2 Duo E8300 @ 2.83GHz	1989	1754	99.53	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1827	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1699	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2149	1691	47.23	\$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2097	1710	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2281	1633	57.06	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2398	1590	56.50	\$42.45*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1669	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2409	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2448	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2383	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2372	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	959	2309	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2297	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2205	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1080	2235	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1346	2075	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	2109	64.48	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1307	2097	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	2042	35.42	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2323	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1995	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1455	2023	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2261	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1452	2026	4.89	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1987	31.24	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1949	42.77	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1739	1877	30.53	\$56.99*

 CPU Benchmarks ▼

<u>Intel Core2 Duo P9300 @ 2.26GHz</u>	1564 Passmark CPU Mark (higher is better)	1976 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
<u>Intel Core2 Duo P9500 @ 2.53GHz</u>	1760	1871	1.75	\$253.00*
<u>Intel Core2 Duo P9600 @ 2.66GHz</u>	1864	1821	NA	NA
<u>Intel Core2 Duo P9700 @ 2.80GHz</u>	2015	1747	NA	NA
<u>Intel Core2 Duo Q6867 @ 3.00GHz</u>	589	2493	NA	NA
<u>Intel Core2 Duo SL9400 @ 1.86GHz</u>	1251	2138	4.95	\$253.00*

<u>Intel Core2 Duo SP9400 @ 2.40GHz</u>	1680	1913	5.92	\$284.00*
<u>Intel Core2 Duo SU9400 @ 1.40GHz</u>	925	2333	NA	NA
<u>Intel Core2 Duo T5200 @ 1.60GHz</u>	833	2378	NA	NA
<u>Intel Core2 Duo T5250 @ 1.50GHz</u>	839	2376	NA	NA
<u>Intel Core2 Duo T5270 @ 1.40GHz</u>	813	2388	NA	NA
<u>Intel Core2 Duo T5300 @ 1.73GHz</u>	932	2329	NA	NA
<u>Intel Core2 Duo T5450 @ 1.66GHz</u>	913	2341	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core2 Duo T5470 @ 1.60GHz</u>	908	2345	NA	NA
<u>Intel Core2 Duo T5500 @ 1.66GHz</u>	923	2337	NA	NA
<u>Intel Core2 Duo T5550 @ 1.83GHz</u>	1039	2252	NA	NA
<u>Intel Core2 Duo T5600 @ 1.83GHz</u>	1029	2256	NA	NA
<u>Intel Core2 Duo T5670 @ 1.80GHz</u>	994	2286	NA	NA
<u>Intel Core2 Duo T5750 @ 2.00GHz</u>	1094	2224	109.58	\$9.99*
<u>Intel Core2 Duo T5800 @ 2.00GHz</u>	1114	2207	NA	NA
<u>Intel Core2 Duo T5850 @ 2.16GHz</u>	1200	2165	75.48	\$15.90*
<u>Intel Core2 Duo T5870 @ 2.00GHz</u>	1148	2195	NA	NA
<u>Intel Core2 Duo T5900 @ 2.20GHz</u>	1211	2156	NA	NA
<u>Intel Core2 Duo T6400 @ 2.00GHz</u>	1226	2149	81.80	\$14.99*
<u>Intel Core2 Duo T6500 @ 2.10GHz</u>	1285	2114	85.75	\$14.99*
<u>Intel Core2 Duo T6570 @ 2.10GHz</u>	1259	2131	32.71	\$38.50*
<u>Intel Core2 Duo T6600 @ 2.20GHz</u>	1360	2069	71.98	\$18.90*
<u>Intel Core2 Duo T6670 @ 2.20GHz</u>	1358	2072	NA	NA
<u>Intel Core2 Duo T7100 @ 1.80GHz</u>	1020	2264	46.39	\$21.99*
<u>Intel Core2 Duo T7200 @ 2.00GHz</u>	1167	2184	11.68	\$99.95*
<u>Intel Core2 Duo T7250 @ 2.00GHz</u>	1114	2208	5.53	\$201.48*
<u>Intel Core2 Duo T7300 @ 2.00GHz</u>	1193	2166	38.50	\$30.99*
<u>Intel Core2 Duo T7400 @ 2.16GHz</u>	1250	2140	NA	NA

 CPU Benchmarks ▼

Intel Core2 Duo T7500 @ 2.20GHz CPU Name	Passmark 1271 CPU Mark (higher is better)	Rank 2425 (lower is better)	CPU Value 69.58 (higher is better)	Price \$42.99* (USD)
Intel Core2 Duo T7700 @ 2.40GHz	1423	2039	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1597	1963	2.63	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1298	2103	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1473	2018	13.52	\$108.95*

Intel Core2 Duo T9300 @ 2.50GHz	1673	1917	28.86	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1739	1878	38.71	\$44.95*
Intel Core2 Duo T9500 @ 2.60GHz	1793	1854	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1806	1849	6.04	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1787	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2016	1745	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2135	1693	5.35	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	874	2357	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2491	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2455	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2441	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	855	2368	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1129	2203	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1911	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1191	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3632	1193	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1240	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1875	1815	7.11	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1852	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2085	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1672	1919	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1804	4.62	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2072	1721	2.44	\$851.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme X9650 @ 3.00GHz	4156	1078	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	1009	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	983	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	977	2.57	\$1,805.95*

 CPU Benchmarks ▼

Intel Core2 Quad Q6600 @ 2.40GHz CPU Name	Passmark 2947 CPU Mark (higher is	Rank 1398 (lower is	CPU Value 122.19 (higher is	Price \$39.98* (USD)
Intel Core2 Quad Q8200 @ 2.33GHz	2809	1449	122.19	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2980	1385	59.62	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3161	1327	13.17	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2525	1540	6.49	\$389.00*

Intel Core2 Quad Q9100 @ 2.26GHz	3242	1296	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3154	1331	15.81	\$199.50*
Intel Core2 Quad Q9400 @ 2.66GHz	3338	1273	69.52	\$48.03*
Intel Core2 Quad Q9450 @ 2.66GHz	3757	1164	105.26	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3519	1225	100.60	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3531	1220	18.59	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3962	1118	89.07	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4157	1077	38.10	\$109.11
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1120	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2706	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2756	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2634	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	464	2581	NA	NA
Intel Core 330 @ 1.60GHz	643	2466	NA	NA
Intel Core 860 @ 2.80GHz	4555	995	26.96	\$169.00*
Intel Core Duo L2300 @ 1.50GHz	719	2430	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2438	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2417	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2444	NA	NA
Intel Core Duo T2250 @ 1.73GHz	754	2413	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2425	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2408	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2399	49.63	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2382	NA	NA
Intel Core Duo T2500 @ 2.00GHz	862	2360	7.19	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2324	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2259	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2516	NA	NA

 CPU Benchmarks ▼

Intel Core Duo U2500 @ 1.20GHz	Passmark CPU Mark 1075	Rank 2238 (lower is better)	CPU Value NA (higher is better)	Price NA (USD)
Intel Core i3-330UM @ 1.20GHz	1075	2238	NA	NA
Intel Core i3-350M @ 2.27GHz	1892	1806	112.96	\$16.75
Intel Core i3-370M @ 2.40GHz	2015	1748	50.44	\$39.96*
Intel Core i3-380M @ 2.53GHz	2093	1712	34.92	\$59.95

Intel Core i3-380UM @ 1.33GHz	Passmark CPU Mark 1157	Rank 2189 (lower is better)	CPU Value NA (higher is better)	Price NA (USD)
Intel Core i3-390M @ 2.67GHz	2170	1682	55.72	\$38.95*
Intel Core i3-530 @ 2.93GHz	2565	1527	23.75	\$108.00
Intel Core i3-540 @ 3.07GHz	2686	1487	20.67	\$129.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-550 @ 3.20GHz	2829	1440	16.10	\$175.74
Intel Core i3-560 @ 3.33GHz	2933	1402	16.30	\$179.95*
Intel Core i3-1005G1 @ 1.20GHz	5905	768	21.02	\$281.00*
Intel Core i3-2100 @ 3.10GHz	3691	1183	67.14	\$54.99
Intel Core i3-2100T @ 2.50GHz	2980	1386	49.68	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1171	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3712	1178	32.29	\$114.99*
Intel Core i3-2120 @ 3.30GHz	3930	1127	56.15	\$70.00
Intel Core i3-2120T @ 2.60GHz	3155	1329	126.28	\$24.99
Intel Core i3-2125 @ 3.30GHz	4015	1102	19.40	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4077	1093	64.75	\$62.98
Intel Core i3-2140 @ 3.50GHz	4325	1046	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1435	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2432	1577	62.68	\$38.81
Intel Core i3-2312M @ 2.10GHz	2374	1600	NA	NA
Intel Core i3-2328M @ 2.20GHz	2542	1536	27.35	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1357	NA	NA
Intel Core i3-2330M @ 2.20GHz	2526	1539	50.58	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1597	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1885	NA	NA
Intel Core i3-2348M @ 2.30GHz	2623	1505	NA	NA
Intel Core i3-2350M @ 2.30GHz	2630	1504	87.71	\$29.99
Intel Core i3-2357M @ 1.30GHz	1556	1978	NA	NA

 CPU Benchmarks ▼

Intel Core i3-2365M @ 1.40GHz CPU Name	Passmark 1678 CPU Mark (higher is better)	Rank 1458 (lower is better)	QRU Value (higher is better)	Price (USD)
Intel Core i3-2370M @ 2.40GHz	2777	1458	69.78	\$39.81*
Intel Core i3-2375M @ 1.50GHz	1771	1860	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1841	NA	NA
Intel Core i3-3110M @ 2.40GHz	3081	1353	38.54	\$79.95*

Intel Core i3-3120M @ 2.50GHz	3224	1304	29.31	\$110.00*
Intel Core i3-3130M @ 2.60GHz	3384	1259	NA	NA
Intel Core i3-3210 @ 3.20GHz	4044	1097	20.32	\$199.00
Intel Core i3-3217U @ 1.80GHz	2303	1625	10.01	\$229.99
Intel Core i3-3217UE @ 1.60GHz	2162	1685	NA	NA
Intel Core i3-3220 @ 3.30GHz	4245	1062	77.21	\$54.99
Intel Core i3-3220T @ 2.80GHz	3695	1181	29.56	\$125.00
Intel Core i3-3225 @ 3.30GHz	4344	1040	13.37	\$324.99
Intel Core i3-3227U @ 1.90GHz	2466	1566	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1903	NA	NA
Intel Core i3-3240 @ 3.40GHz	4318	1049	86.37	\$50.00
Intel Core i3-3240T @ 2.90GHz	3666	1188	NA	NA
Intel Core i3-3245 @ 3.40GHz	4463	1015	25.95	\$172.01*
Intel Core i3-3250 @ 3.50GHz	4456	1017	46.92	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1196	NA	NA
Intel Core i3-4000M @ 2.40GHz	3261	1289	16.31	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2444	1574	NA	NA
Intel Core i3-4010U @ 1.70GHz	2442	1575	16.28	\$149.99
Intel Core i3-4010Y @ 1.30GHz	1900	1801	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2164	1684	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4020Y @ 1.50GHz	2213	1668	NA	NA
Intel Core i3-4025U @ 1.90GHz	2789	1456	NA	NA
Intel Core i3-4030U @ 1.90GHz	2716	1480	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1551	NA	NA
Intel Core i3-4100M @ 2.50GHz	3419	1246	15.65	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3854	1136	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1418	NA	NA

 CPU Benchmarks ▼

Intel Core i3-4120U @ 2.00GHz CPU Name	Passmark 3050 CPU Mark (higher is	Rank 1368 (lower is	QRU Value (higher is	Price (USD)
Intel Core i3-4130T @ 2.90GHz	4148	1080	46.61	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4899	928	49.49	\$99.00
Intel Core i3-4150T @ 3.00GHz	4227	1063	18.39	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1409	NA	NA

Intel Core i3-4160 @ 3.60GHz	5048	898	46.11	\$109.47
Intel Core i3-4160T @ 3.10GHz	4451	1019	29.68	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5191	873	19.97	\$259.95
Intel Core i3-4170T @ 3.20GHz	4545	1001	21.65	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5086	885	15.49	\$328.39
Intel Core i3-4330T @ 3.00GHz	4485	1013	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1309	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	865	30.84	\$169.99*
Intel Core i3-4350 @ 3.60GHz	4990	911	29.36	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	1053	NA	NA
Intel Core i3-4360 @ 3.70GHz	5461	829	21.09	\$259.00
Intel Core i3-4360T @ 3.20GHz	4636	978	NA	NA
Intel Core i3-4370 @ 3.80GHz	5613	804	18.17	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4870	932	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	920	NA	NA
Intel Core i3-5005U @ 2.00GHz	2902	1416	NA	NA
Intel Core i3-5010U @ 2.10GHz	3057	1362	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	2991	1383	NA	NA
Intel Core i3-5020U @ 2.20GHz	3201	1308	6.98	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	1187	NA	NA
Intel Core i3-6006U @ 2.00GHz	3081	1354	NA	NA
Intel Core i3-6098P @ 3.60GHz	5395	840	40.35	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5482	822	44.96	\$121.95
Intel Core i3-6100E @ 2.70GHz	3769	1157	NA	NA
Intel Core i3-6100H @ 2.70GHz	4219	1068	NA	NA
Intel Core i3-6100T @ 3.20GHz	4849	942	35.92	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	4304	1052	NA	NA
Intel Core i3-6100U @ 2.30GHz	3607	1199	7.00	\$515.00*

 CPU Benchmarks ▼

Intel Core i3-6102E @ 1.90GHz	3196 Passmark CPU Mark (higher is better)	1312 Rank (lower is better)	14.20 CPU Value (higher is better)	\$225.00*
Intel Core i3-6157U @ 2.40GHz	5247	864	33.86	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6047	758	13.65	\$443.00
Intel Core i3-7020U @ 2.30GHz	3540	1214	12.60	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5783	783	41.96	\$137.86

Intel Core i3-7100H @ 3.00GHz	4627	982	20.57	\$225.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7100T @ 3.40GHz	5055	896	35.50	\$142.43
Intel Core i3-7100U @ 2.40GHz	3766	1159	9.90	\$380.64*
Intel Core i3-7101TE @ 3.40GHz	5189	874	44.36	\$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1288	14.52	\$225.00*
Intel Core i3-7130U @ 2.70GHz	4062	1095	8.83	\$459.99*
Intel Core i3-7167U @ 2.80GHz	4757	958	NA	NA
Intel Core i3-7300 @ 4.00GHz	6328	726	36.83	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	844	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6417	718	35.12	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6599	701	32.15	\$205.29
Intel Core i3-8100 @ 3.60GHz	8015	556	53.56	\$149.66
Intel Core i3-8100B @ 3.60GHz	8544	506	64.24	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7322	629	56.77	\$129.00*
Intel Core i3-8109U @ 3.00GHz	6157	740	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	950	NA	NA
Intel Core i3-8130U @ 2.20GHz	5025	904	17.88	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5551	816	19.75	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8706	490	54.42	\$159.99
Intel Core i3-8300T @ 3.20GHz	8032	553	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9238	431	49.94	\$184.99*
Intel Core i3-9100 @ 3.60GHz	9095	445	51.99	\$174.95
Intel Core i3-9100F @ 3.60GHz	9002	459	100.04	\$89.99
Intel Core i3-9100T @ 3.10GHz	7683	596	62.98	\$122.00*
Intel Core i3-9300 @ 3.70GHz	10018	354	65.91	\$152.00*
Intel Core i3-9300T @ 3.20GHz	8777	484	61.38	\$143.00*
Intel Core i3-9320 @ 3.70GHz	10144	345	62.62	\$162.00*

 CPU Benchmarks ▼

Intel Core i3-9350KF @ 4.00GHz CPU Name	Passmark 10605 CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price \$184.63 (USD)
Intel Core i5 750S @ 2.40GHz	2197	1675	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1561	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3538	1217	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3676	1185	NA	NA

Intel Core i5-430M @ 2.27GHz	2095	1711	14.97	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	2081	NA	NA
Intel Core i5-450M @ 2.40GHz	2131	1696	66.71	\$31.95*
Intel Core i5-460M @ 2.53GHz	2321	1613	30.97	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1079	2236	NA	NA
Intel Core i5-480M @ 2.67GHz	2402	1587	29.81	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1654	NA	NA
Intel Core i5-520M @ 2.40GHz	2367	1602	79.43	\$29.81
Intel Core i5-520UM @ 1.07GHz	1345	2077	NA	NA
Intel Core i5-540M @ 2.53GHz	2452	1571	12.91	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	2062	NA	NA
Intel Core i5-560M @ 2.67GHz	2579	1520	31.47	\$81.97*
Intel Core i5-560UM @ 1.33GHz	1664	1927	NA	NA
Intel Core i5-580M @ 2.67GHz	2581	1519	23.47	\$109.95*
Intel Core i5-650 @ 3.20GHz	3097	1348	13.77	\$224.95*
Intel Core i5-655K @ 3.20GHz	3386	1258	56.45	\$59.99*
Intel Core i5-660 @ 3.33GHz	3246	1295	91.44	\$35.50

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-661 @ 3.33GHz	3193	1313	13.88	\$229.99*
Intel Core i5-670 @ 3.47GHz	3309	1279	11.86	\$279.00*
Intel Core i5-680 @ 3.60GHz	3512	1226	11.33	\$309.95
Intel Core i5-750 @ 2.67GHz	3720	1174	84.72	\$43.92
Intel Core i5-760 @ 2.80GHz	3937	1125	18.84	\$209.00
Intel Core i5-1035G1 @ 1.00GHz	9119	442	30.70	\$297.00*
Intel Core i5-2300 @ 2.80GHz	5366	845	67.09	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5534	819	29.70	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5772	786	56.25	\$102.63
Intel Core i5-2380P @ 3.10GHz	5762	788	32.01	\$180.00*

 CPU Benchmarks ▼

Intel Core i5-2390T @ 2.70GHz CPU Name	Passmark 4223 CPU Mark (higher is	Rank 1368 (lower is	CPU Value \$2.27 (higher is	\$99.90* Price (USD)
Intel Core i5-2400S @ 2.50GHz	4991	910	27.42	\$182.00
Intel Core i5-2405S @ 2.50GHz	5082	888	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3169	1321	44.03	\$72.00*
Intel Core i5-2415M @ 2.30GHz	3303	1281	NA	NA

Intel Core i5-2430M @ 2.40GHz	3286	1283	36.92	\$89.02
Intel Core i5-2435M @ 2.40GHz	3232	1300	NA	NA
Intel Core i5-2450M @ 2.50GHz	3402	1250	38.65	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6149	743	68.34	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2319	1615	NA	NA
Intel Core i5-2500 @ 3.30GHz	6352	723	115.49	\$55.00
Intel Core i5-2500K @ 3.30GHz	6487	710	14.94	\$434.26*
Intel Core i5-2500S @ 2.70GHz	5379	843	71.74	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4647	976	51.64	\$89.99*
Intel Core i5-2510E @ 2.50GHz	3483	1233	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1278	NA	NA
Intel Core i5-2520M @ 2.50GHz	3593	1202	21.19	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2064	1726	NA	NA
Intel Core i5-2540M @ 2.60GHz	3784	1154	66.37	\$57.02
Intel Core i5-2550K @ 3.40GHz	6672	693	35.12	\$190.00*
Intel Core i5-2557M @ 1.70GHz	2691	1485	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1165	NA	NA
Intel Core i5-3210M @ 2.50GHz	3828	1145	56.10	\$68.24*
Intel Core i5-3230M @ 2.60GHz	3943	1124	17.39	\$226.77*
Intel Core i5-3317U @ 1.70GHz	3091	1350	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4132	1083	55.07	\$75.05*
Intel Core i5-3330 @ 3.00GHz	5951	764	29.76	\$200.00*
Intel Core i5-3330S @ 2.70GHz	5678	796	59.78	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	782	NA	NA
Intel Core i5-3337U @ 1.80GHz	3228	1302	14.35	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1666	NA	NA
Intel Core i5-3340 @ 3.10GHz	6098	751	20.81	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4249	1061	53.15	\$79.95*

 CPU Benchmarks ▼

Intel Core i5-3340S @ 2.80GHz	5846 Passmark CPU Mark (higher is better)	776 Rank (lower is better)	38.98 CPU Value (higher is better)	\$149.99* Price (USD)
Intel Core i5-3380M @ 2.90GHz	4442	1021	NA	NA
Intel Core i5-3427U @ 1.80GHz	3545	1212	8.44	\$420.05*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

Intel Core i5-3437U @ 1.90GHz	3625	1194	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1405	NA	NA
Intel Core i5-3450 @ 3.10GHz	6537	707	29.80	\$219.33
Intel Core i5-3450S @ 2.80GHz	6229	732	42.96	\$145.01
Intel Core i5-3470 @ 3.20GHz	6722	688	93.33	\$72.03
Intel Core i5-3470S @ 2.90GHz	6386	720	48.93	\$130.53
Intel Core i5-3470T @ 2.90GHz	4487	1012	14.52	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6615	700	46.10	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6965	661	69.66	\$99.99*
Intel Core i5-3550S @ 3.00GHz	6910	668	20.95	\$329.95*
Intel Core i5-3570 @ 3.40GHz	7139	645	89.26	\$79.99
Intel Core i5-3570K @ 3.40GHz	7186	642	22.12	\$324.88
Intel Core i5-3570S @ 3.10GHz	6751	684	23.69	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5914	767	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3898	1131	NA	NA
Intel Core i5-4200H @ 2.80GHz	4456	1016	NA	NA
Intel Core i5-4200M @ 2.50GHz	4035	1098	49.75	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3280	1286	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1586	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2262	1644	NA	NA
Intel Core i5-4210H @ 2.90GHz	4535	1003	NA	NA
Intel Core i5-4210M @ 2.60GHz	4206	1070	13.57	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3401	1251	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2375	1599	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1623	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1417	NA	NA
Intel Core i5-4250U @ 1.30GHz	3376	1261	9.41	\$359.00*
Intel Core i5-4258U @ 2.40GHz	4090	1090	NA	NA

 CPU Benchmarks ▼

Intel Core i5-4260U @ 1.40GHz	3574	1208	NA	NA
CPU Name	Passmark	Rank	CPU Value	Price
Intel Core i5-4270U @ 2.60GHz	4442	1020	NA	NA
Intel Core i5-4300M @ 2.60GHz	4442	1020	NA	NA
Intel Core i5-4300U @ 1.90GHz	3741	1169	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2505	1552	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1389	NA	NA

Intel Core i5-4308U @ 2.80GHz	4219	1067	NA	NA
Intel Core i5-4310M @ 2.70GHz	4655	973	NA	NA
Intel Core i5-4310U @ 2.00GHz	3782	1155	NA	NA
Intel Core i5-4330M @ 2.80GHz	4551	997	16.55	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4861	938	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1197	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	999	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1121	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1451	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6339	724	39.62	\$159.99
Intel Core i5-4430S @ 2.70GHz	5948	765	37.18	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6516	708	13.11	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6255	729	13.51	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6722	689	29.85	\$225.17
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4460S @ 2.90GHz	6430	715	9.74	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4971	914	NA	NA
Intel Core i5-4570 @ 3.20GHz	7153	644	62.21	\$114.99
Intel Core i5-4570R @ 2.70GHz	6761	681	NA	NA
Intel Core i5-4570S @ 2.90GHz	6829	674	32.53	\$209.92
Intel Core i5-4570T @ 2.90GHz	4816	945	32.11	\$149.99*
Intel Core i5-4570TE @ 2.70GHz	3827	1146	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7339	627	61.17	\$119.99
Intel Core i5-4590S @ 3.00GHz	7071	651	58.94	\$119.99
Intel Core i5-4590T @ 2.00GHz	5624	800	26.79	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7471	614	32.20	\$232.00*
Intel Core i5-4670K @ 3.40GHz	7635	602	24.63	\$309.99
Intel Core i5-4670K CPT @ 3.40GHz	7411	621	NA	NA

 CPU Benchmarks ▼

Intel Core i5-4670R @ 3.00GHz CPU Name	Passmark 7419 CPU Mark (higher is	Rank 520 (lower is	GPU Value 26.88 (higher is	Price \$276.00* (USD)
Intel Core i5-4670T @ 2.30GHz	6155	741	23.76	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7691	594	29.64	\$259.46
Intel Core i5-4690K @ 3.50GHz	7798	580	46.15	\$169.00
Intel Core i5-4690S @ 3.20GHz	7401	623	20.60	\$359.21*

Intel Core i5-4690T @ 2.50GHz	6547	705	NA	NA
Intel Core i5-5200U @ 2.20GHz	3495	1230	NA	NA
Intel Core i5-5250U @ 1.60GHz	3588	1204	8.12	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4409	1028	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	966	NA	NA
Intel Core i5-5300U @ 2.30GHz	3836	1141	8.39	\$457.09
Intel Core i5-5350U @ 1.80GHz	3520	1224	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	612	NA	NA
Intel Core i5-5675C @ 3.10GHz	8135	541	26.25	\$309.95*
Intel Core i5-5675R @ 3.10GHz	7991	559	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4154	1079	NA	NA
Intel Core i5-6200U @ 2.30GHz	4009	1103	NA	NA
Intel Core i5-6260U @ 1.80GHz	4360	1038	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4888	930	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	959	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6092	753	NA	NA
Intel Core i5-6300U @ 2.40GHz	4365	1036	NA	NA
Intel Core i5-6360U @ 2.00GHz	4686	968	NA	NA
Intel Core i5-6400 @ 2.70GHz	6755	683	29.52	\$228.83*
Intel Core i5-6400T @ 2.20GHz	5612	805	21.59	\$259.95*
Intel Core i5-6402P @ 2.80GHz	7102	647	37.38	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	733	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6819	675	NA	NA
Intel Core i5-6500 @ 3.20GHz	7244	635	45.03	\$160.89
Intel Core i5-6500T @ 2.50GHz	6296	727	43.43	\$144.99*
Intel Core i5-6500TE @ 2.30GHz	6580	703	31.34	\$209.99
Intel Core i5-6600 @ 3.30GHz	7771	585	29.65	\$262.13*
Intel Core i5-6600K @ 3.50GHz	8058	547	30.63	\$263.11*

 CPU Benchmarks

Intel Core i5-6600T @ 2.70GHz	7273	632	24.25	\$299.95*
CPU Name	Passmark	Rank	CPU Value	Price
<small>Intel Core i5-7200U @ 2.50GHz</small>	<small>7500</small>	<small>(lower is better)</small>	<small>(higher is better)</small>	<small>(USD)</small>

	(higher is better)	(lower is better)	(higher is better)	(USD)
Intel Core i5-7260U @ 2.20GHz	5637	799	9.80	\$574.98
Intel Core i5-7267U @ 3.10GHz	4999	908	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	798	NA	NA

Intel Core i5-7300HQ @ 2.50GHz	6720	690	NA	NA
Intel Core i5-7300U @ 2.60GHz	5162	877	10.76	\$479.99
Intel Core i5-7360U @ 2.30GHz	5855	773	NA	NA
Intel Core i5-7400 @ 3.00GHz	7235	637	34.82	\$207.81
Intel Core i5-7400T @ 2.40GHz	6336	725	10.79	\$587.00
Intel Core i5-7440HQ @ 2.80GHz	7641	600	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	5901	770	23.60	\$250.00*
Intel Core i5-7500 @ 3.40GHz	7938	567	37.98	\$209.00
Intel Core i5-7500T @ 2.70GHz	6954	664	24.84	\$279.95*
Intel Core i5-7600 @ 3.50GHz	8644	497	34.99	\$247.03
Intel Core i5-7600K @ 3.80GHz	9051	455	33.90	\$267.00
Intel Core i5-7600T @ 2.80GHz	7989	560	31.55	\$253.27
Intel Core i5-7640X @ 4.00GHz	9472	407	54.36	\$174.26
Intel Core i5-8200Y @ 1.30GHz	4339	1042	14.91	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4227	1064	NA	NA
Intel Core i5-8250U @ 1.60GHz	7655	599	NA	NA
Intel Core i5-8259U @ 2.30GHz	10994	289	14.39	\$764.06
Intel Core i5-8265U @ 1.60GHz	7989	561	26.90	\$297.00*
Intel Core i5-8265UC @ 1.60GHz	7780	582	NA	NA
Intel Core i5-8279U @ 2.40GHz	10623	315	33.20	\$320.00*
Intel Core i5-8300H @ 2.30GHz	9468	408	37.87	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8947	471	NA	NA
Intel Core i5-8350U @ 1.70GHz	8149	539	27.44	\$297.00*
Intel Core i5-8365U @ 1.60GHz	8429	516	28.38	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11579	271	57.90	\$199.99
Intel Core i5-8400H @ 2.50GHz	10408	327	41.63	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9503	404	45.47	\$209.00
Intel Core i5-8500 @ 3.00GHz	11819	264	56.55	\$209.00

 CPU Benchmarks ▼

Intel Core i5-8500B @ 3.00GHz	12756	237	66.44	\$192.00*
CPU Name	Passmark	Rank	CPU Value	Price
Intel Core i5-8500T @ 2.10GHz	12756	(lower is better)	(higher is better)	(USD)
Intel Core i5-8600K @ 3.60GHz	12679	241	44.19	\$286.93
Intel Core i5-8600T @ 2.30GHz	10981	291	29.92	\$366.99*
Intel Core i5-9300H @ 2.40GHz	9732	387	38.93	\$250.00*
Intel Core i5-9400 @ 2.90GHz	11697	268	63.23	\$184.99

Intel Core i5-9400F @ 2.90GHz	12107	260	81.81	\$147.99
Intel Core i5-9400H @ 2.50GHz	10740	306	42.96	\$250.00*
Intel Core i5-9400T @ 1.80GHz	10606	317	NA	NA
Intel Core i5-9500 @ 3.00GHz	12145	258	59.25	\$204.99
Intel Core i5-9500F @ 3.00GHz	13132	227	65.01	\$202.00*
Intel Core i5-9500T @ 2.20GHz	10652	314	55.48	\$192.00*
Intel Core i5-9600 @ 3.10GHz	13498	216	60.26	\$224.00*
Intel Core i5-9600K @ 3.70GHz	13489	217	56.21	\$239.99
Intel Core i5-9600KF @ 3.70GHz	13488	218	58.65	\$229.99
Intel Core i5-10210U @ 1.60GHz	9049	456	30.47	\$297.00*
Intel Core i5-24050S @ 2.50GHz	4928	922	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7Y75 @ 1.30GHz	3738	1170	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1765	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1534	NA	NA
Intel Core i7-620LM @ 2.00GHz	1954	1772	NA	NA
Intel Core i7-620M @ 2.67GHz	2719	1477	24.72	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	2089	NA	NA
Intel Core i7-640LM @ 2.13GHz	2245	1653	NA	NA
Intel Core i7-640M @ 2.80GHz	2827	1441	14.14	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1638	1940	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1875	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1892	NA	NA
Intel Core i7-720QM @ 1.60GHz	3008	1375	27.37	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3191	1315	19.95	\$159.95*
Intel Core i7-820QM @ 1.73GHz	3219	1306	13.42	\$239.95*
Intel Core i7-840QM @ 1.87GHz	3411	1249	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	5026	902	17.34	\$289.95*

 CPU Benchmarks ▼

Intel Core i7-860S @ 2.53GHz CPU Name	Passmark 4919 CPU Mark (higher is better)	Rank 924 (lower is better)	CPU Value 21.80 (higher is better)	Price \$199.99* (USD)
Intel Core i7-870S @ 2.67GHz	4849	941	NA	NA
Intel Core i7-875K @ 2.93GHz	5421	832	15.63	\$346.78*
Intel Core i7-880 @ 3.07GHz	5505	821	9.44	\$583.00*
Intel Core i7-920 @ 2.67GHz	4914	925	119.88	\$41.00

Intel Core i7-920XM @ 2.00GHz	3724	1173	9.31	\$399.95*
Intel Core i7-930 @ 2.80GHz	5133	880	46.67	\$109.99
Intel Core i7-940 @ 2.93GHz	5332	851	51.28	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3967	1113	NA	NA
Intel Core i7-950 @ 3.07GHz	5540	817	135.17	\$40.99
Intel Core i7-960 @ 3.20GHz	5798	779	20.71	\$280.00
Intel Core i7-965 @ 3.20GHz	5850	775	41.79	\$139.99*
Intel Core i7-970 @ 3.20GHz	8360	524	16.72	\$499.95*
Intel Core i7-975 @ 3.33GHz	6118	747	15.15	\$403.90
Intel Core i7-980 @ 3.33GHz	8601	503	43.01	\$199.98*
Intel Core i7-980X @ 3.33GHz	8748	489	9.61	\$909.99*
Intel Core i7-985 @ 3.47GHz	6641	697	NA	NA
Intel Core i7-990X @ 3.47GHz	9058	453	25.88	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	380	NA	NA
Intel Core i7-1065G7 @ 1.30GHz	10979	292	NA	NA
Intel Core i7-2600 @ 3.40GHz	8186	536	68.23	\$119.99
Intel Core i7-2600K @ 3.40GHz	8438	514	56.94	\$148.20
Intel Core i7-2600S @ 2.80GHz	7091	649	23.78	\$298.26*
Intel Core i7-2610UE @ 1.50GHz	2481	1563	NA	NA
Intel Core i7-2617M @ 1.50GHz	2813	1447	NA	NA
Intel Core i7-2620M @ 2.70GHz	3840	1140	22.62	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5520	820	53.69	\$102.81
Intel Core i7-2630UM @ 1.60GHz	2584	1518	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5468	827	NA	NA
Intel Core i7-2637M @ 1.70GHz	2900	1420	NA	NA
Intel Core i7-2640M @ 2.80GHz	3924	1128	32.72	\$119.95*
Intel Core i7-2655LE @ 2.20GHz	3229	1301	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 i7-2670QM @ 2.20GHz CPU Name	Passmark 5878 CPU Mark (higher is	Rank (lower is	CPU Value 28.41 (higher is	Price \$138.40* (USD)
Intel Core i7-2677M @ 1.80GHz	2830	1439	NA	NA
Intel Core i7-2700K @ 3.50GHz	8694	493	28.41	\$305.99
Intel Core i7-2710QE @ 2.10GHz	5768	787	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	846	NA	NA

Intel Core i7-2720QM @ 2.20GHz	6099	750	32.11	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6560	704	31.25	\$209.95*
Intel Core i7-2820QM @ 2.30GHz	6648	696	34.80	\$191.02*
Intel Core i7-2840QM @ 2.40GHz	6766	680	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6955	662	12.86	\$541.00*
Intel Core i7-2920XM @ 2.50GHz	6998	656	15.89	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	639	17.62	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3545	1213	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3150	1334	NA	NA
Intel Core i7-3520M @ 2.90GHz	4547	1000	34.45	\$132.02
Intel Core i7-3537U @ 2.00GHz	3809	1151	NA	NA
Intel Core i7-3540M @ 3.00GHz	4664	971	10.85	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1114	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	706	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7457	616	18.64	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	691	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6815	676	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	615	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7387	625	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7582	605	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6930	667	30.14	\$229.95
Intel Core i7-3635QM @ 2.40GHz	6666	694	NA	NA
Intel Core i7-3667U @ 2.00GHz	3978	1110	NA	NA
Intel Core i7-3687U @ 2.10GHz	4137	1082	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1305	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8123	543	22.38	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	8311	527	34.64	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9279	429	74.81	\$124.04

 CPU Benchmarks ▼

Intel Core i7-3770K @ 3.50GHz	9516	403	37.05	\$256.86
CPU Name	Passmark CPU Mark	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3770K @ 3.50GHz	9516	403	37.05	\$256.86
Intel Core i7-3820 @ 3.60GHz	8990	461	22.48	\$399.99*
Intel Core i7-3820QM @ 2.70GHz	8403	518	29.49	\$285.00*
Intel Core i7-3840QM @ 2.80GHz	8763	488	30.22	\$289.95*
Intel Core i7-3920XM @ 2.90GHz	8979	465	8.19	\$1,096.00*

Intel Core i7-3930K @ 3.20GHz	11976	263	52.08	\$229.99
Intel Core i7-3940XM @ 3.00GHz	9160	437	17.00	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12579	243	13.82	\$909.99
Intel Core i7-3970X @ 3.50GHz	12696	240	24.90	\$509.94*
Intel Core i7-4500U @ 1.80GHz	3787	1153	NA	NA
Intel Core i7-4510U @ 2.00GHz	3916	1130	NA	NA
Intel Core i7-4550U @ 1.50GHz	3676	1186	NA	NA
Intel Core i7-4558U @ 2.80GHz	4401	1029	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4560U @ 1.60GHz	4329	1044	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	952	NA	NA
Intel Core i7-4600M @ 2.90GHz	4900	927	NA	NA
Intel Core i7-4600U @ 2.10GHz	4104	1089	NA	NA
Intel Core i7-4610M @ 3.00GHz	4906	926	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1168	NA	NA
Intel Core i7-4650U @ 1.70GHz	3952	1119	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7203	640	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7734	590	20.19	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7689	595	40.68	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7427	619	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7129	646	21.15	\$337.04*
Intel Core i7-4710HQ @ 2.50GHz	7724	592	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7985	563	29.41	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7533	609	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7203	641	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7989	562	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8093	545	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8202	535	NA	NA

 CPU Benchmarks ▼

Intel Core i7-4760HQ @ 2.10GHz CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4770 @ 3.40GHz	9783	382	57.55	\$169.99
Intel Core i7-4770HQ @ 2.20GHz	8961	466	NA	NA
Intel Core i7-4770K @ 3.50GHz	10077	352	24.58	\$409.99
Intel Core i7-4770R @ 3.20GHz	9830	376	NA	NA

Intel Core i7-4770S @ 3.10GHz	9348	418	15.33	\$610.00
Intel Core i7-4770T @ 2.50GHz	8604	500	21.51	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	686	NA	NA
Intel Core i7-4771 @ 3.50GHz	9865	374	16.17	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7637	601	NA	NA
Intel Core i7-4790 @ 3.60GHz	9990	361	56.13	\$177.99
Intel Core i7-4790K @ 4.00GHz	11168	281	39.89	\$279.99
Intel Core i7-4790S @ 3.20GHz	9560	401	18.85	\$507.11
Intel Core i7-4790T @ 2.70GHz	9068	450	25.26	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8443	513	41.39	\$204.00*
Intel Core i7-4810MQ @ 2.80GHz	8653	496	45.56	\$189.95*
Intel Core i7-4820K @ 3.70GHz	9721	389	44.19	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9056	454	20.87	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7899	569	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9282	428	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9345	420	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8982	463	15.31	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9341	421	20.31	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13023	230	27.38	\$475.58*
Intel Core i7-4930MX @ 3.00GHz	9444	415	8.62	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9807	379	13.81	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9856	375	15.82	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13815	203	17.94	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10295	334	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5500U @ 2.40GHz	3979	1109	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1139	NA	NA
Intel Core i7-5557U @ 3.10GHz	4953	918	7.03	\$705.00*

 CPU Benchmarks ▼

Intel Core i7-5600U @ 2.60GHz CPU Name	Passmark 4327 CPU Mark (higher is	Rank 945 (lower is	QRU Value (higher is	Price (USD)
Intel Core i7-5675C @ 3.10GHz	8164	537	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	531	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8355	526	NA	NA
Intel Core i7-5775C @ 3.30GHz	10869	301	15.84	\$686.32*

Intel Core i7-5775R @ 3.30GHz	10879	300	NA	NA
Intel Core i7-5820K @ 3.30GHz	13014	231	45.03	\$289.00*
Intel Core i7-5850EQ @ 2.70GHz	9817	378	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	412	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13664	206	41.53	\$329.00*
Intel Core i7-5950HQ @ 2.90GHz	10850	302	NA	NA
Intel Core i7-5960X @ 3.00GHz	15994	143	15.34	\$1,042.93
Intel Core i7-6498DU @ 2.50GHz	4437	1023	NA	NA
Intel Core i7-6500U @ 2.50GHz	4424	1024	11.26	\$393.00*
Intel Core i7-6560U @ 2.20GHz	4814	946	NA	NA
Intel Core i7-6567U @ 3.30GHz	5574	811	NA	NA
Intel Core i7-6600U @ 2.60GHz	4804	948	NA	NA
Intel Core i7-6650U @ 2.20GHz	4974	913	NA	NA
Intel Core i7-6700 @ 3.40GHz	10003	357	29.86	\$334.99
Intel Core i7-6700HQ @ 2.60GHz	8129	542	21.51	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11109	283	35.54	\$312.61*
Intel Core i7-6700T @ 2.80GHz	8999	460	23.93	\$375.99
Intel Core i7-6700TE @ 2.40GHz	8674	495	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9719	390	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13565	212	41.07	\$330.32
Intel Core i7-6820EQ @ 2.80GHz	8630	498	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9120	441	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8774	485	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6501	709	NA	NA
Intel Core i7-6850K @ 3.60GHz	14375	185	28.59	\$502.75
Intel Core i7-6900K @ 3.20GHz	17605	107	22.15	\$794.99
Intel Core i7-6920HQ @ 2.90GHz	9560	400	16.83	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19925	72	12.35	\$1,613.97

 CPU Benchmarks ▼

Intel Core i7-7500U @ 2.70GHz	5122	881	NA	NA
CPU Name	Passmark CPU Mark	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7500U @ 2.70GHz	5122	881	NA	NA
Intel Core i7-7600U @ 2.80GHz	5110	884	NA	NA
Intel Core i7-7660U @ 2.50GHz	5993	760	NA	NA
Intel Core i7-7700 @ 3.60GHz	10686	309	33.56	\$318.40
Intel Core i7-7700HQ @ 2.80GHz	8768	487	NA	NA

Intel Core i7-7700K @ 4.20GHz	11997	261	34.82	\$344.61
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7700K @ 4.20GHz	11997	261	34.82	\$344.61
Intel Core i7-7700T @ 2.90GHz	9293	426	30.08	\$309.00*
Intel Core i7-7740X @ 4.30GHz	12225	254	37.50	\$325.99
Intel Core i7-7800X @ 3.50GHz	14634	177	30.49	\$479.99
Intel Core i7-7820EQ @ 3.00GHz	9144	439	24.19	\$378.00*
Intel Core i7-7820HK @ 2.90GHz	9958	365	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9245	430	24.46	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18523	92	30.87	\$599.99
Intel Core i7-7900X @ 3.30GHz	20474	66	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9991	359	NA	NA
Intel Core i7-8086K @ 4.00GHz	16689	121	30.18	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3971	1111	10.11	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8249	529	NA	NA
Intel Core i7-8559U @ 2.70GHz	12221	255	20.81	\$587.35
Intel Core i7-8565U @ 1.80GHz	8911	473	NA	NA
Intel Core i7-8650U @ 1.90GHz	8704	491	NA	NA
Intel Core i7-8665U @ 1.90GHz	9072	448	22.18	\$409.00*
Intel Core i7-8700 @ 3.20GHz	15143	163	41.04	\$369.00
Intel Core i7-8700B @ 3.20GHz	14802	174	48.85	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15928	146	41.96	\$379.63
Intel Core i7-8700T @ 2.40GHz	12654	242	30.94	\$409.00
Intel Core i7-8705G @ 3.10GHz	9928	368	7.05	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10539	320	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	383	NA	NA
Intel Core i7-8750H @ 2.20GHz	12406	245	31.41	\$395.00*
Intel Core i7-8809G @ 3.10GHz	10984	290	NA	NA
Intel Core i7-8850H @ 2.60GHz	12988	232	32.88	\$395.00*

 CPU Benchmarks ▼

<u>Intel Core i7-9700 @ 3.00GHz</u> CPU Name	Passmark 15639 CPU Mark (higher is better)	Rank 112 (lower is better)	CPU Value 47.89 (higher is better)	Price \$349.99 (USD)
<u>Intel Core i7-9700K @ 3.60GHz</u>	17196	113	47.24	\$363.99
<u>Intel Core i7-9700KF @ 3.60GHz</u>	17287	110	49.40	\$349.99
<u>Intel Core i7-9700T @ 2.00GHz</u>	13379	222	41.42	\$323.00*
<u>Intel Core i7-9750H @ 2.60GHz</u>	13576	210	NA	NA

<u>Intel Core i7-9800X @ 3.80GHz</u>	19695	82	32.83	\$599.99
<u>Intel Core i7-9850H @ 2.60GHz</u>	14296	188	36.19	\$395.00*
<u>Intel Core i7-10510U @ 1.80GHz</u>	9325	423	22.80	\$409.00*
<u>Intel Core i7-10710U @ 1.10GHz</u>	14499	181	32.73	\$443.00*
<u>Intel Core i9-7900X @ 3.30GHz</u>	21882	49	21.88	\$999.99
<u>Intel Core i9-7920X @ 2.90GHz</u>	23298	39	17.31	\$1,346.25
<u>Intel Core i9-7940X @ 3.10GHz</u>	25394	22	19.53	\$1,299.99*
<u>Intel Core i9-7960X @ 2.80GHz</u>	26096	17	19.33	\$1,349.99*
<u>Intel Core i9-7980XE @ 2.60GHz</u>	27640	14	17.49	\$1,579.99
<u>Intel Core i9-8950HK @ 2.90GHz</u>	14225	191	24.40	\$583.00*
<u>Intel Core i9-9820X @ 3.30GHz</u>	21640	52	26.72	\$809.99
<u>Intel Core i9-9880H @ 2.30GHz</u>	16771	119	30.17	\$556.00*
<u>Intel Core i9-9900 @ 3.10GHz</u>	18130	100	41.21	\$439.99
<u>Intel Core i9-9900K @ 3.60GHz</u>	20199	70	42.53	\$474.99
<u>Intel Core i9-9900KF @ 3.60GHz</u>	20635	64	42.99	\$479.99
<u>Intel Core i9-9900X @ 3.50GHz</u>	23011	41	24.07	\$955.99
<u>Intel Core i9-9920X @ 3.50GHz</u>	25257	25	21.05	\$1,199.99
<u>Intel Core i9-9940X @ 3.30GHz</u>	27124	15	22.65	\$1,197.70
<u>Intel Core i9-9960X @ 3.10GHz</u>	27930	12	17.22	\$1,621.99
<u>Intel Core i9-9980HK @ 2.40GHz</u>	17721	105	30.40	\$583.00*
<u>Intel Core i9-9980XE @ 3.00GHz</u>	29592	7	14.88	\$1,988.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core m3-6Y30 @ 0.90GHz</u>	3025	1370	10.77	\$281.00*
<u>Intel Core m3-7Y30 @ 1.00GHz</u>	3528	1221	NA	NA
<u>Intel Core m3-7Y32 @ 1.10GHz</u>	3318	1276	NA	NA
<u>Intel Core m3-8100Y @ 1.10GHz</u>	3562	1209	12.68	\$281.00*
<u>Intel Core m5-6Y54 @ 1.10GHz</u>	3348	1266	NA	NA
<u>Intel Core m5-6Y57 @ 1.10GHz</u>	3225	1303	NA	NA

 CPU Benchmarks ▼

Intel Core m7-6Y75 @ 1.20GHz CPU Name	Passmark 3459 CPU Mark (higher is	Rank 1208 (lower is	QRU Value (higher is	Price (USD)
Intel Core M-5Y10a @ 0.80GHz	2387	1596	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2817	1445	10.03	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1438	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2508	1549	NA	NA

Intel Core M-5Y70 @ 1.10GHz	2912	1411	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2991	1381	10.65	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2667	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2660	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2577	NA	NA
Intel Core Solo U1300 @ 1.06GHz	273	2820	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2814	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2735	NA	NA
Intel E3000 @ 3.40GHz	2767	1460	NA	NA
Intel Pentium 4 1.40GHz	164	2921	NA	NA
Intel Pentium 4 1.50GHz	131	2938	NA	NA
Intel Pentium 4 1.60GHz	129	2940	NA	NA
Intel Pentium 4 1.70GHz	132	2937	NA	NA
Intel Pentium 4 1.80GHz	161	2924	NA	NA
Intel Pentium 4 1.90GHz	159	2925	NA	NA
Intel Pentium 4 2.00GHz	189	2903	NA	NA
Intel Pentium 4 2.20GHz	209	2885	NA	NA
Intel Pentium 4 2.26GHz	221	2873	NA	NA
Intel Pentium 4 2.40GHz	228	2867	NA	NA
Intel Pentium 4 2.50GHz	245	2851	NA	NA
Intel Pentium 4 2.53GHz	248	2847	NA	NA
Intel Pentium 4 2.60GHz	288	2793	NA	NA
Intel Pentium 4 2.66GHz	254	2839	NA	NA
Intel Pentium 4 2.80GHz	322	2741	NA	NA
Intel Pentium 4 2.93GHz	293	2784	NA	NA
Intel Pentium 4 3.00GHz	353	2713	NA	NA
Intel Pentium 4 3.06GHz	347	2716	NA	NA
Intel Pentium 4 3.20GHz	373	2687	NA	NA

 CPU Benchmarks ▼

<u>Intel Pentium 4 3.40GHz</u>	395 Passmark CPU Mark (higher is better)	2663 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
<u>Intel Pentium 4 3.73GHz</u>	486	2559	NA	NA
<u>Intel Pentium 4 3.80GHz</u>	485	2561	NA	NA
<u>Intel Pentium 4 3.83GHz</u>	195	2898	NA	NA
<u>Intel Pentium 4 4.00GHz</u>	184	2908	NA	NA

<u>Intel Pentium 4 1300MHz</u>	119	2944	NA	NA
<u>Intel Pentium 4 1400MHz</u>	127	2941	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 1500MHz</u>	125	2942	NA	NA
<u>Intel Pentium 4 1600MHz</u>	193	2902	0.30	\$647.45*
<u>Intel Pentium 4 1700MHz</u>	154	2928	NA	NA
<u>Intel Pentium 4 1800MHz</u>	162	2923	NA	NA
<u>Intel Pentium 4 Mobile 1.40GHz</u>	149	2931	NA	NA
<u>Intel Pentium 4 Mobile 1.50GHz</u>	197	2897	NA	NA
<u>Intel Pentium 4 Mobile 1.60GHz</u>	178	2914	NA	NA
<u>Intel Pentium 4 Mobile 1.70GHz</u>	208	2886	NA	NA
<u>Intel Pentium 4 Mobile 1.80GHz</u>	175	2917	NA	NA
<u>Intel Pentium 4 Mobile 1.90GHz</u>	209	2884	NA	NA
<u>Intel Pentium 4 Mobile 2.00GHz</u>	202	2893	NA	NA
<u>Intel Pentium 5 2.66GHz</u>	705	2436	NA	NA
<u>Intel Pentium 957 @ 1.20GHz</u>	1095	2222	8.18	\$134.00*
<u>Intel Pentium 967 @ 1.30GHz</u>	1139	2202	NA	NA
<u>Intel Pentium 977 @ 1.40GHz</u>	1148	2196	NA	NA
<u>Intel Pentium 987 @ 1.50GHz</u>	1225	2150	NA	NA
<u>Intel Pentium 997 @ 1.60GHz</u>	1395	2048	NA	NA
<u>Intel Pentium 1403 @ 2.60GHz</u>	2742	1471	NA	NA
<u>Intel Pentium 1403 v2 @ 2.60GHz</u>	3018	1371	NA	NA
<u>Intel Pentium 2020M @ 2.40GHz</u>	2275	1635	16.98	\$134.00*
<u>Intel Pentium 2030M @ 2.50GHz</u>	2398	1591	17.90	\$134.00*
<u>Intel Pentium 2117U @ 1.80GHz</u>	1654	1934	12.35	\$134.00*
<u>Intel Pentium 2127U @ 1.90GHz</u>	1821	1845	13.59	\$134.00*
<u>Intel Pentium 2129Y @ 1.10GHz</u>	1062	2241	7.93	\$134.00*
<u>Intel Pentium 3550M @ 2.30GHz</u>	2268	1643	NA	NA

 CPU Benchmarks ▼

Intel Pentium 3556U @ 1.70GHz CPU Name	Passmark 1692 CPU Mark (higher is better)	Rank 1609 (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 3560M @ 2.40GHz	2269	1642	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2128	NA	NA
Intel Pentium 3805U @ 1.90GHz	1970	1764	NA	NA
Intel Pentium 3825U @ 1.90GHz	2519	1544	NA	NA

Intel Pentium 4405U @ 2.10GHz	2931	1403	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1729	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2050	1733	12.73	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3151	1332	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2220	1665	13.79	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3240	1298	20.13	\$161.00*
Intel Pentium 5405U @ 2.30GHz	3171	1319	19.70	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1957	NA	NA
Intel Pentium B940 @ 2.00GHz	1726	1881	57.67	\$29.94*
Intel Pentium B950 @ 2.10GHz	1716	1888	NA	NA
Intel Pentium B960 @ 2.20GHz	1853	1824	37.84	\$48.99*
Intel Pentium B970 @ 2.30GHz	1952	1775	38.28	\$50.99*
Intel Pentium B980 @ 2.40GHz	2026	1741	28.97	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1150	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	529	2525	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2468	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2496	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2433	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium D 950 @ 3.40GHz	742	2421	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2391	NA	NA
Intel Pentium E2140 @ 1.60GHz	870	2358	5.51	\$157.95*
Intel Pentium E2160 @ 1.80GHz	999	2279	64.44	\$15.51
Intel Pentium E2180 @ 2.00GHz	1087	2227	36.27	\$29.99
Intel Pentium E2200 @ 2.20GHz	1202	2163	16.04	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2176	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	2086	15.48	\$85.99*
Intel Pentium E5200 @ 2.50GHz	1486	2012	41.37	\$35.94*

 CPU Benchmarks ▼

Intel Pentium E5300 @ 2.60GHz CPU Name	Passmark 1538 CPU Mark (higher is	Rank 1942 (lower is	CPU Value 62.92 (higher is	Price \$25.98*
Intel Pentium E5300 @ 2.60GHz	1538	1942	62.92	\$25.98*
Intel Pentium E5500 @ 2.80GHz	1635	1942	62.92	\$25.99
Intel Pentium E5700 @ 3.00GHz	1737	1879	115.94	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1889	1810	63.01	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1705	1898	165.62	\$10.30*

Intel Pentium E6500 @ 2.93GHz	1764	1862	11.17	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1860	1822	18.61	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1931	1785	135.08	\$14.30*
Intel Pentium E6800 @ 3.33GHz	1988	1755	22.34	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2344	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2306	NA	NA
Intel Pentium G620 @ 2.60GHz	2286	1630	91.52	\$24.99*
Intel Pentium G620T @ 2.20GHz	2033	1738	25.42	\$79.99*
Intel Pentium G630 @ 2.70GHz	2373	1601	23.73	\$100.00*
Intel Pentium G630T @ 2.30GHz	2089	1713	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2519	1543	16.80	\$150.00*
Intel Pentium G640T @ 2.40GHz	1979	1760	NA	NA
Intel Pentium G645 @ 2.90GHz	2586	1517	16.17	\$160.00*
Intel Pentium G645T @ 2.50GHz	2255	1648	NA	NA
Intel Pentium G840 @ 2.80GHz	2559	1529	73.14	\$34.99*
Intel Pentium G850 @ 2.90GHz	2663	1494	13.45	\$197.99
Intel Pentium G860 @ 3.00GHz	2735	1474	91.22	\$29.99*
Intel Pentium G870 @ 3.10GHz	2819	1444	29.07	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2597	1513	74.44	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2752	1469	45.92	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2418	1581	50.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2868	1430	71.72	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2487	1560	38.86	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1465	NA	NA
Intel Pentium G2120 @ 3.10GHz	3079	1356	19.30	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3199	1310	64.00	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3377	1260	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	3126	1339	28.03	\$111.53
Intel Pentium G3220T @ 2.60GHz	2557	1530	40.62	\$69.98
Intel Pentium G3240T @ 2.70GHz	2840	1434	NA	NA
Intel Pentium G3250 @ 3.20GHz	3242	1297	29.48	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2970	1391	33.01	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3865	1134	25.95	\$149.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3260 @ 3.30GHz	3358	1264	23.99	\$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1404	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1593	NA	NA
Intel Pentium G3420 @ 3.20GHz	3397	1253	37.45	\$90.70
Intel Pentium G3420T @ 2.70GHz	3008	1376	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1255	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3319	1275	20.75	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1347	NA	NA
Intel Pentium G3450 @ 3.40GHz	3695	1180	36.96	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1393	NA	NA
Intel Pentium G3460 @ 3.50GHz	3584	1205	12.44	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3714	1177	35.62	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3539	1216	50.56	\$70.00
Intel Pentium G4400T @ 2.90GHz	3163	1325	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1428	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3791	1152	38.36	\$98.85
Intel Pentium G4500T @ 3.00GHz	3471	1235	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1072	38.05	\$109.98
Intel Pentium G4560 @ 3.50GHz	4863	937	49.92	\$97.42
Intel Pentium G4560T @ 2.90GHz	3990	1107	36.28	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5075	889	21.15	\$239.95
Intel Pentium G4600T @ 3.00GHz	4266	1057	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5214	868	45.88	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1860	1823	46.52	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1694	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2059	1730	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5205	869	80.09	\$64.99

 CPU Benchmarks ▼

<u>Intel Pentium Gold G5400T @ 3.10GHz</u> CPU Name	Passmark 4884 CPU Mark (higher is better)	Rank 931 (lower is better)	CPU Value 76.31 (higher is better)	Price \$64.00* (USD)
<u>Intel Pentium Gold G5500 @ 3.80GHz</u>	5195	872	30.57	\$169.94*
<u>Intel Pentium Gold G5500T @ 3.20GHz</u>	4346	1039	57.95	\$75.00*
<u>Intel Pentium Gold G5600 @ 3.90GHz</u>	5570	813	62.89	\$88.57
<u>Intel Pentium Gold G5600F @ 3.90GHz</u>	5736	792	NA	NA

<u>Intel Pentium III 933S @ 933MHz</u>	238	2859	NA	NA
<u>Intel Pentium III 1133 @ 1133MHz</u>	284	2798	NA	NA
<u>Intel Pentium III 1200 @ 1200MHz</u>	278	2813	NA	NA
<u>Intel Pentium III 1266S @ 1266MHz</u>	309	2758	NA	NA
<u>Intel Pentium III 1400 @ 1400MHz</u>	297	2777	NA	NA
<u>Intel Pentium III 1400S @ 1400MHz</u>	299	2774	NA	NA
<u>Intel Pentium III Mobile 750MHz</u>	103	2947	NA	NA
<u>Intel Pentium III Mobile 800MHz</u>	182	2911	NA	NA
<u>Intel Pentium III Mobile 866MHz</u>	152	2929	NA	NA
<u>Intel Pentium III Mobile 933MHz</u>	218	2875	7.55	\$28.99
<u>Intel Pentium III Mobile 1000MHz</u>	245	2850	NA	NA
<u>Intel Pentium III Mobile 1066MHz</u>	246	2849	NA	NA
<u>Intel Pentium III Mobile 1133MHz</u>	251	2843	NA	NA
<u>Intel Pentium III Mobile 1200MHz</u>	240	2857	NA	NA
<u>Intel Pentium J2850 @ 2.41GHz</u>	1839	1834	NA	NA
<u>Intel Pentium J2900 @ 2.41GHz</u>	1973	1762	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Pentium J3710 @ 1.60GHz</u>	1913	1794	NA	NA
<u>Intel Pentium J4205 @ 1.50GHz</u>	2270	1641	NA	NA
<u>Intel Pentium M 1.10GHz</u>	282	2804	NA	NA
<u>Intel Pentium M 1.20GHz</u>	298	2775	NA	NA
<u>Intel Pentium M 1.30GHz</u>	301	2768	NA	NA
<u>Intel Pentium M 1.40GHz</u>	345	2720	NA	NA
<u>Intel Pentium M 1.50GHz</u>	366	2697	NA	NA
<u>Intel Pentium M 1.60GHz</u>	364	2700	NA	NA
<u>Intel Pentium M 1.70GHz</u>	406	2645	NA	NA
<u>Intel Pentium M 1.73GHz</u>	413	2636	NA	NA
<u>Intel Pentium M 1.80GHz</u>	411	2638	NA	NA

 CPU Benchmarks ▼

<u>Intel Pentium M 1.86GHz</u> CPU Name	Passmark 439 CPU Mark (higher is	Rank 2612 (lower is	QRU Value (higher is	Price (USD)
<u>Intel Pentium M 2.10GHz</u>	448	2600	NA	NA
<u>Intel Pentium M 2.13GHz</u>	502	2547	NA	NA
<u>Intel Pentium M 2.26GHz</u>	509	2543	NA	NA
<u>Intel Pentium M 756 @ 1.66GHz</u>	484	2566	NA	NA

<u>Intel Pentium M 900MHz</u>	217	2879	NA	NA
<u>Intel Pentium M 1000MHz</u>	233	2863	NA	NA
<u>Intel Pentium M 1100MHz</u>	259	2835	NA	NA
<u>Intel Pentium M 1200MHz</u>	237	2860	NA	NA
<u>Intel Pentium M 1300MHz</u>	303	2762	NA	NA
<u>Intel Pentium M 1400MHz</u>	320	2743	NA	NA
<u>Intel Pentium M 1500MHz</u>	354	2710	NA	NA
<u>Intel Pentium M 1600MHz</u>	335	2730	NA	NA
<u>Intel Pentium M 1700MHz</u>	376	2682	NA	NA
<u>Intel Pentium N3510 @ 1.99GHz</u>	1519	1993	NA	NA
<u>Intel Pentium N3520 @ 2.16GHz</u>	1807	1848	NA	NA
<u>Intel Pentium N3530 @ 2.16GHz</u>	1912	1796	NA	NA
<u>Intel Pentium N3540 @ 2.16GHz</u>	1933	1783	7.71	\$250.87*
<u>Intel Pentium N3700 @ 1.60GHz</u>	1836	1835	4.13	\$444.78*
<u>Intel Pentium N3710 @ 1.60GHz</u>	1865	1819	NA	NA
<u>Intel Pentium N4200 @ 1.10GHz</u>	2037	1736	8.71	\$233.98*
<u>Intel Pentium P6000 @ 1.87GHz</u>	1243	2143	NA	NA
<u>Intel Pentium P6100 @ 2.00GHz</u>	1326	2088	46.64	\$28.44*
<u>Intel Pentium P6200 @ 2.13GHz</u>	1350	2074	30.05	\$44.95*
<u>Intel Pentium P6300 @ 2.27GHz</u>	1388	2054	NA	NA
<u>Intel Pentium Silver J5005 @ 1.50GHz</u>	2901	1419	13.19	\$219.92*
<u>Intel Pentium Silver N5000 @ 1.10GHz</u>	2468	1565	15.33	\$161.00*
<u>Intel Pentium SU2700 @ 1.30GHz</u>	405	2646	NA	NA
<u>Intel Pentium SU4100 @ 1.30GHz</u>	853	2369	NA	NA
<u>Intel Pentium T1080 @ 1.73GHz</u>	842	2373	NA	NA
<u>Intel Pentium T2060 @ 1.60GHz</u>	663	2457	NA	NA
<u>Intel Pentium T2080 @ 1.73GHz</u>	705	2437	4.41	\$159.95*
<u>Intel Pentium T2130 @ 1.86GHz</u>	708	2434	NA	NA

 CPU Benchmarks ▼

Intel Pentium T2310 @ 1.46GHz	735 Passmark CPU Mark (higher is better)	2423 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
Intel Pentium T2390 @ 1.86GHz	948	2318	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2294	NA	NA

Intel Pentium T3200 @ 2.00GHz	1032	2255	86.01	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1114	2209	12.39	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1152	2193	96.00	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1231	2147	NA	NA
Intel Pentium T4400 @ 2.20GHz	1281	2117	NA	NA
Intel Pentium T4500 @ 2.30GHz	1333	2084	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2386	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2315	NA	NA
Intel T1200 @ 1.50GHz	435	2618	NA	NA
Intel T1400 @ 1.73GHz	929	2330	NA	NA
Intel T1500 @ 1.86GHz	953	2313	NA	NA
Intel T2050 @ 2.00GHz	959	2310	NA	NA
Intel Xeon 2.00GHz	233	2862	NA	NA
Intel XEON 2.20GHz	252	2841	NA	NA
Intel Xeon 2.40GHz	276	2816	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2617	NA	NA
Intel Xeon 2.80GHz	400	2658	NA	NA
Intel Xeon 3.00GHz	391	2671	NA	NA
Intel Xeon 3.06GHz	491	2553	NA	NA
Intel Xeon 3.20GHz	461	2588	NA	NA
Intel Xeon 3.40GHz	478	2570	NA	NA
Intel Xeon 3.60GHz	509	2542	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2251	NA	NA
Intel Xeon 3.80GHz	604	2485	0.71	\$851.00*
Intel Xeon 1500MHz	193	2901	NA	NA
Intel Xeon 3040 @ 1.86GHz	1278	2121	51.05	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2100	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1994	66.07	\$22.99*

 CPU Benchmarks ▼

Intel Xeon 3065 @ 2.33GHz	1520	1992	72.77	\$20.90*
CPU Name	Passmark	Rank	CPU Value	Price
Intel Xeon 3070 @ 2.66GHz	1728	(lower is better)	(higher is better)	(\$USD)
Intel Xeon 3085 @ 3.00GHz	1570	1974	NA	NA
Intel Xeon 5110 @ 1.60GHz	1084	2231	30.99	\$35.00*
Intel Xeon 5120 @ 1.86GHz	1248	2142	0.77	\$1,619.99*
Intel Xeon 5130 @ 2.00GHz	1366	2064	43.44	\$31.46*

Intel Xeon 5133 @ 2.20GHz	1598	1962	NA	NA
Intel Xeon 5140 @ 2.33GHz	1635	1943	65.44	\$24.99*
Intel Xeon 5148 @ 2.33GHz	1590	1968	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1752	1872	12.53	\$139.95*
Intel Xeon 5160 @ 3.00GHz	1956	1769	52.18	\$37.49*
Intel Xeon @ 2.00GHz	11327	276	NA	NA
Intel Xeon @ 2.20GHz	1902	1800	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5582	809	23.27	\$239.87
Intel Xeon Bronze 3106 @ 1.70GHz	6890	670	19.78	\$348.33*
Intel Xeon D-1518 @ 2.20GHz	5322	855	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	790	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	658	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	533	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1531 @ 2.20GHz	9643	394	27.71	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	591	13.54	\$571.00*
Intel Xeon D-1539 @ 1.60GHz	8443	512	17.37	\$486.00*
Intel Xeon D-1540 @ 2.00GHz	10740	305	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11064	285	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	310	19.24	\$555.00*
Intel Xeon D-1557 @ 1.50GHz	10950	295	15.78	\$694.00*
Intel Xeon D-1559 @ 1.50GHz	8055	548	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	183	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	195	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8150	538	38.26	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	235	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	202	24.41	\$566.00*
Intel Xeon D-2146NT @ 2.30GHz	10968	293	17.11	\$641.00*

 CPU Benchmarks ▼

Intel Xeon D-2183IT @ 2.20GHz CPU Name	Passmark 19381 CPU Mark (higher is	Bank (lower is	CPU Value (higher is	Price \$1,764.00*
Intel Xeon E3-1220 V2 @ 3.10GHz	6729	687	103.54	\$64.99
Intel Xeon E3-1220 v3 @ 3.10GHz	7171	643	53.52	\$133.99
Intel Xeon E3-1220 v5 @ 3.00GHz	7772	584	29.17	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7769	586	35.25	\$220.41

Intel Xeon E3-1220L @ 2.20GHz	3606	1200	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	1025	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2070	1724	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	6090	754	95.19	\$63.99
Intel Xeon E3-1225 V2 @ 3.20GHz	6954	663	89.17	\$77.99
Intel Xeon E3-1225 v3 @ 3.20GHz	7242	636	53.26	\$135.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7828	576	29.21	\$268.04
Intel Xeon E3-1225 v6 @ 3.30GHz	7958	565	33.18	\$239.87
Intel Xeon E3-1226 v3 @ 3.30GHz	7566	607	12.72	\$595.00*
Intel Xeon E3-1230 @ 3.20GHz	7853	573	81.82	\$95.99
Intel Xeon E3-1230 V2 @ 3.30GHz	8868	480	113.70	\$78.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9322	424	43.36	\$215.00
Intel Xeon E3-1230 v5 @ 3.40GHz	9738	386	22.56	\$431.65*
Intel Xeon E3-1230 v6 @ 3.50GHz	9742	385	36.22	\$269.00
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	638	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9627	397	18.88	\$509.95
Intel Xeon E3-1235 @ 3.20GHz	7757	588	31.79	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	712	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7975	564	77.44	\$102.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9159	438	67.35	\$135.99
Intel Xeon E3-1240 v3 @ 3.40GHz	9673	392	25.17	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10359	330	30.32	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10495	324	36.43	\$288.10
Intel Xeon E3-1240L v3 @ 2.00GHz	7486	611	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	581	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10012	355	27.06	\$369.99
Intel Xeon E3-1245 @ 3.30GHz	8039	551	75.85	\$105.99
Intel Xeon E3-1245 V2 @ 3.40GHz	9127	440	58.14	\$156.99

 CPU Benchmarks ▼

Intel Xeon E3-1245 v3 @ 3.40GHz	9585 Passmark	399 Rank	37.59 CPU Value	\$255.00 Price
CPU Name	CPU Mark Passmark CPU (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1245 v5 @ 3.50GHz	10160	344	29.42	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10533	321	33.73	\$312.26
Intel Xeon E3-1246 v3 @ 3.50GHz	9868	373	24.13	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6266	728	111.85	\$56.02

Intel Xeon E3-1260L v5 @ 2.90GHz	10218	339	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	5961	763	6.49	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7455	617	24.44	\$305.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9188	436	12.94	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	452	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	574	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	492	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8246	530	26.18	\$315.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9468	409	49.83	\$189.99
Intel Xeon E3-1270 v3 @ 3.50GHz	9919	369	49.60	\$199.99
Intel Xeon E3-1270 v5 @ 3.60GHz	10297	332	27.14	\$379.41
Intel Xeon E3-1270 v6 @ 3.80GHz	11171	280	32.99	\$338.61
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	308	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10110	350	11.39	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8115	544	26.70	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9431	416	23.90	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	10048	353	25.06	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10367	328	24.97	\$415.13*
Intel Xeon E3-1275 v6 @ 3.80GHz	11028	287	29.86	\$369.28
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	476	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10209	340	9.51	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8448	511	25.43	\$332.20
Intel Xeon E3-1280 V2 @ 3.60GHz	9455	413	11.01	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9827	377	21.89	\$449.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	313	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11041	286	25.31	\$436.26
Intel Xeon E3-1281 v3 @ 3.70GHz	10273	335	11.70	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	326	NA	NA

 CPU Benchmarks ▼

Intel Xeon E3-1285 v4 @ 3.50GHz	10510 Passmark CPU Mark (higher is better)	323 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	294	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	370	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	406	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8768	486	9.91	\$885.00*

Intel Xeon E3-1290 V2 @ 3.70GHz	9709	391	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	722	NA	NA
Intel Xeon E3-1505L v6 @ 2.20GHz	7887	570	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8949	470	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9670	393	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	9952	366	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9345	419	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10558	319	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10300	331	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10616	316	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	304	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	346	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7265	634	148.31	\$48.99
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	618	NA	NA
Intel Xeon E5-1428L v2 @ 2.20GHz	8377	519	16.96	\$494.00*
Intel Xeon E5-1603 @ 2.80GHz	5571	812	278.73	\$19.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6204	736	62.05	\$99.99*
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	714	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5893	771	210.87	\$27.95*
Intel Xeon E5-1607 v2 @ 3.00GHz	6217	734	177.91	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	7039	653	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7270	633	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9069	449	139.53	\$65.00*
Intel Xeon E5-1620 v2 @ 3.70GHz	9499	405	161.03	\$58.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9746	384	60.92	\$159.99
Intel Xeon E5-1620 v4 @ 3.50GHz	9935	367	33.12	\$299.99
Intel Xeon E5-1630 v3 @ 3.70GHz	10230	338	48.72	\$209.99

 CPU Benchmarks ▼

Intel Xeon E5-1630 v4 @ 3.70GHz CPU Name	Passmark 10296 CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1650 v2 @ 3.50GHz	12741	238	106.22	\$119.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13619	209	88.13	\$154.53
Intel Xeon E5-1650 v4 @ 3.60GHz	14230	190	28.01	\$508.00*
Intel Xeon E5-1660 @ 3.30GHz	12273	252	10.01	\$1,226.66*

Intel Xeon E5-1660 v2 @ 3.70GHz	13808	204	7.63	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14656	176	9.07	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16203	137	13.18	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16329	132	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16442	127	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17122	115	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	98	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1223	32.59	\$108.11
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1247	94.99	\$35.99*
Intel Xeon E5-2407 @ 2.20GHz	4188	1071	12.69	\$330.00
Intel Xeon E5-2407 v2 @ 2.40GHz	4648	974	40.23	\$115.56*
Intel Xeon E5-2418L @ 2.00GHz	5202	871	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7063	652	18.11	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8693	494	165.05	\$52.67
Intel Xeon E5-2430 @ 2.20GHz	7695	593	202.51	\$38.00*
Intel Xeon E5-2430 v2 @ 2.50GHz	9061	451	90.61	\$100.00
Intel Xeon E5-2430L @ 2.00GHz	7834	575	242.71	\$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	699	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9221	433	230.59	\$39.99
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	427	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	469	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10196	341	156.90	\$64.99*
Intel Xeon E5-2450L @ 1.80GHz	8261	528	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	11144	282	87.07	\$128.00
Intel Xeon E5-2470 v2 @ 2.40GHz	11268	278	50.76	\$222.00
Intel Xeon E5-2603 @ 1.80GHz	3582	1206	143.65	\$24.94*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1160	62.78	\$59.99*

 CPU Benchmarks ▼

Intel Xeon E5-2603 v3 @ 1.60GHz CPU Name	Passmark 5179 CPU Mark (higher is	Bank 572 (lower is	CPU Value 16.77 (higher is	\$309.95 Price (USD)
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	572	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4604	987	158.85	\$28.99
Intel Xeon E5-2609 v2 @ 2.50GHz	5160	878	103.22	\$49.99
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	769	54.14	\$109.00

Intel Xeon E5-2609 v4 @ 1.70GHz	6905	669	19.20	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	257	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	179	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7925	568	91.58	\$86.54
Intel Xeon E5-2620 v2 @ 2.10GHz	8604	501	215.16	\$39.99
Intel Xeon E5-2620 v3 @ 2.40GHz	9980	364	142.59	\$69.99
Intel Xeon E5-2620 v4 @ 2.10GHz	11337	275	31.06	\$364.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	462	13.85	\$649.00*
Intel Xeon E5-2623 v4 @ 2.60GHz	8506	508	15.50	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	417	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	249	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	229	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	288	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8923	472	105.29	\$84.75*
Intel Xeon E5-2630 v2 @ 2.60GHz	10365	329	235.89	\$43.94
Intel Xeon E5-2630 v3 @ 2.40GHz	12796	236	130.58	\$98.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13910	198	21.08	\$659.99
Intel Xeon E5-2630L @ 2.00GHz	8041	550	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	447	232.44	\$39.10*
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	388	28.62	\$339.95*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	234	NA	NA
Intel Xeon E5-2637 @ 3.00GHz	4508	1007	5.09	\$885.00*
Intel Xeon E5-2637 v2 @ 3.50GHz	9200	435	108.25	\$84.99*
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	348	32.64	\$309.99*
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	322	9.82	\$1,069.95*
Intel Xeon E5-2640 @ 2.50GHz	9452	414	97.83	\$96.62
Intel Xeon E5-2640 v2 @ 2.00GHz	10189	343	61.28	\$166.28
Intel Xeon E5-2640 v3 @ 2.60GHz	13854	201	79.17	\$174.99*

 CPU Benchmarks ▼

Intel Xeon E5-2640 v4 @ 2.40GHz	15420 Passmark CPU Mark (higher is better)	158 Rank (lower is better)	16.76 CPU Value (higher is better)	\$920.27* Price (USD)
Intel Xeon E5-2643 v3 @ 3.40GHz	13887	199	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	692	NA	NA
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	273	7.70	\$1,479.00*

Intel Xeon E5-2648L v3 @ 1.80GHz	11392	272	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	207	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	175	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10259	336	148.69	\$69.00
Intel Xeon E5-2650 v2 @ 2.60GHz	13223	223	183.53	\$72.05
Intel Xeon E5-2650 v3 @ 2.30GHz	14875	171	93.56	\$158.99
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	149	11.46	\$1,384.69
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2650L @ 1.80GHz	8550	505	108.24	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	372	72.74	\$135.84*
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	215	51.98	\$259.99*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	194	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	277	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9632	396	6.59	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	200	77.09	\$179.99*
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	134	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	17275	111	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11250	279	170.49	\$65.99*
Intel Xeon E5-2660 v2 @ 2.20GHz	13134	226	74.10	\$177.26
Intel Xeon E5-2660 v3 @ 2.60GHz	16213	136	32.54	\$498.30
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	118	11.25	\$1,499.99*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	196	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11736	266	104.31	\$112.52
Intel Xeon E5-2667 @ 2.90GHz	10671	312	164.79	\$64.76
Intel Xeon E5-2667 v2 @ 3.30GHz	16158	139	44.88	\$359.99
Intel Xeon E5-2667 v3 @ 3.20GHz	16176	138	40.63	\$398.14
Intel Xeon E5-2667 v4 @ 3.20GHz	16631	124	8.53	\$1,949.03*
Intel Xeon E5-2670 @ 2.60GHz	12370	246	176.72	\$70.00

 CPU Benchmarks ▼

Intel Xeon E5-2670 v2 @ 2.50GHz CPU Name	Passmark 15021 CPU Mark (higher is better)	Rank 133 (lower is better)	CPU Value 95.09 (higher is better)	Price \$254.23 (USD)
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	133	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16401	129	23.43	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	56	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15137	164	NA	NA

Intel Xeon E5-2676 v3 @ 2.40GHz	17670	106	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17078	116	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	24	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12902	233	173.61	\$74.32
Intel Xeon E5-2680 v2 @ 2.80GHz	15890	148	72.23	\$219.99
Intel Xeon E5-2680 v3 @ 2.50GHz	18465	94	61.76	\$299.00
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	74	13.18	\$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	67	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17374	109	34.07	\$509.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	89	8.62	\$2,208.93*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	167	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	86	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	76	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14348	187	66.74	\$214.99*
Intel Xeon E5-2687W v2 @ 3.40GHz	16381	131	45.52	\$359.90
Intel Xeon E5-2687W v3 @ 3.10GHz	17795	103	30.16	\$589.99
Intel Xeon E5-2687W v4 @ 3.00GHz	19863	75	9.13	\$2,174.99*
Intel Xeon E5-2689 @ 2.60GHz	13434	220	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	79	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13732	205	133.80	\$102.63
Intel Xeon E5-2690 v2 @ 3.00GHz	16406	128	60.19	\$272.58
Intel Xeon E5-2690 v3 @ 2.60GHz	19249	87	77.94	\$246.99
Intel Xeon E5-2690 v4 @ 2.60GHz	21167	60	9.75	\$2,169.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	141	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15993	144	61.75	\$258.99
Intel Xeon E5-2695 v3 @ 2.30GHz	19710	81	40.23	\$489.99
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	68	11.20	\$1,809.00*

 CPU Benchmarks ▼

Intel Xeon E5-2696 v2 @ 2.50GHz CPU Name	Passmark 16620 CPU Mark (higher is	Rank 26 (lower is	QRU Value (higher is	NA Price (USD)
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	59	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17202	112	45.32	\$379.62
Intel Xeon E5-2697 v3 @ 2.60GHz	21412	57	47.96	\$446.50
Intel Xeon E5-2697 v4 @ 2.30GHz	21506	55	7.04	\$3,054.99*

Intel Xeon E5-2697A v4 @ 2.60GHz	22462	44	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	62	28.47	\$739.00
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	51	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	45	8.92	\$2,509.00*
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	38	3.94	\$5,954.79*
Intel Xeon E5-4603 @ 2.00GHz	5014	907	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	432	NA	NA
Intel Xeon E5-4610 @ 2.40GHz	9552	402	7.81	\$1,223.00*
Intel Xeon E5-4610 v3 @ 1.70GHz	8853	481	7.26	\$1,219.00*
Intel Xeon E5-4617 @ 2.90GHz	9313	425	103.59	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	9113	444	67.91	\$134.21*
Intel Xeon E5-4627 v2 @ 3.30GHz	12319	247	24.21	\$508.95*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	182	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	156	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10701	307	3.92	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	239	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	284	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11685	270	166.96	\$69.99*
Intel Xeon E5-4650L @ 2.60GHz	12145	259	101.22	\$119.99*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	250	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	147	11.36	\$1,399.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	150	3.30	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	208	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1343	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2157	1689	93.86	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1578	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1657	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	2046	148.77	\$9.42*

 CPU Benchmarks ▼

Intel Xeon E5240 @ 3.00GHz	2424 Passmark CPU Mark (higher is better)	1579 Rank (lower is better)	27.31 CPU Value (higher is better)	\$88.78* Price (USD)
Intel Xeon E5310 @ 1.60GHz	2513	1548	141.45	\$17.77*
Intel Xeon E5335 @ 2.00GHz	2886	1427	72.17	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2833	1437	70.92	\$39.95*
Intel Xeon E5410 @ 2.33GHz	3261	1290	15.61	\$208.95*

Intel Xeon E5420 @ 2.50GHz	3484 Passmark CPU Mark (higher is better)	1232 Rank (lower is better)	55.35 CPU Value (higher is better)	\$62.95* Price (USD)
Intel Xeon E5430 @ 2.66GHz	3750	1166	33.79	\$110.99*
Intel Xeon E5440 @ 2.83GHz	3963	1116	40.04	\$99.00*
Intel Xeon E5450 @ 3.00GHz	4182	1073	77.45	\$54.00*
Intel Xeon E5462 @ 2.80GHz	3872	1132	141.84	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4084	1092	135.96	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	2060	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1381	2057	4.81	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2680	1488	38.32	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2974	1388	47.21	\$63.01*
Intel Xeon E5507 @ 2.27GHz	3125	1340	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4379	1033	306.92	\$14.27*
Intel Xeon E5530 @ 2.40GHz	4494	1010	345.72	\$13.00
Intel Xeon E5540 @ 2.53GHz	4747	962	80.46	\$59.00*
Intel Xeon E5603 @ 1.60GHz	2366	1603	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1364	13.95	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3371	1262	48.71	\$69.21*
Intel Xeon E5620 @ 2.40GHz	4777	953	33.22	\$143.81*
Intel Xeon E5630 @ 2.53GHz	5055	897	144.43	\$35.00*
Intel Xeon E5640 @ 2.67GHz	5250	862	187.60	\$27.99*
Intel Xeon E5645 @ 2.40GHz	6424	717	79.04	\$81.28*
Intel Xeon E5649 @ 2.53GHz	6889	671	65.99	\$104.40
Intel Xeon E7320 @ 2.13GHz	2413	1583	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	577	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9467	410	43.04	\$219.99*
Intel Xeon E-2124G @ 3.40GHz	9891	371	40.56	\$243.89*
Intel Xeon E-2126G @ 3.30GHz	13570	211	45.24	\$299.99*

 CPU Benchmarks ▼

Intel Xeon E-2134 @ 3.50GHz CPU Name	Passmark 10882 CPU Mark (higher is better)	Rank 274 (lower is better)	CPU Value 32.34 (higher is better)	Price \$278.37 (USD)
Intel Xeon E-2144G @ 3.60GHz	11381	274	32.34	\$351.90*
Intel Xeon E-2146G @ 3.50GHz	15620	153	44.00	\$354.99*
Intel Xeon E-2174G @ 3.80GHz	12250	253	30.40	\$402.93
Intel Xeon E-2176G @ 3.70GHz	15583	154	28.03	\$555.99*

Intel Xeon E-2176M @ 2.70GHz	13528	213	30.06	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	16017	142	30.51	\$524.99*
Intel Xeon E-2186M @ 2.90GHz	14536	180	23.33	\$623.00*
Intel Xeon E-2224 @ 3.40GHz	10241	337	51.72	\$198.00*
Intel Xeon E-2224G @ 3.50GHz	10008	356	45.91	\$218.00*
Intel Xeon E-2226G @ 3.40GHz	14627	178	56.26	\$260.00*
Intel Xeon E-2246G @ 3.60GHz	16714	120	53.74	\$311.00*
Intel Xeon E-2276M @ 2.80GHz	14824	172	32.94	\$450.00*
Intel Xeon E-2286M @ 2.40GHz	18446	95	29.61	\$623.00*
Intel Xeon E-2288G @ 3.70GHz	19761	78	NA	NA
Intel Xeon Gold 5117 @ 2.00GHz	16672	122	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16389	130	13.65	\$1,200.90*
Intel Xeon Gold 5120 @ 2.20GHz	18253	97	11.69	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	99	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10894	298	8.40	\$1,297.50*
Intel Xeon Gold 5218 @ 2.30GHz	22576	42	16.53	\$1,365.99
Intel Xeon Gold 6126 @ 2.60GHz	19711	80	10.43	\$1,890.00*
Intel Xeon Gold 6128 @ 3.40GHz	14941	169	8.49	\$1,759.75*
Intel Xeon Gold 6130 @ 2.10GHz	19643	84	10.14	\$1,937.79
Intel Xeon Gold 6132 @ 2.60GHz	23907	34	9.53	\$2,508.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 6134 @ 3.20GHz	18083	101	8.41	\$2,150.00
Intel Xeon Gold 6136 @ 3.00GHz	21061	61	8.06	\$2,613.59*
Intel Xeon Gold 6138 @ 2.00GHz	25774	19	9.80	\$2,628.95
Intel Xeon Gold 6140 @ 2.30GHz	23964	33	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	26	5.46	\$4,608.95*
Intel Xeon Gold 6148 @ 2.40GHz	25817	18	8.83	\$2,925.00*

 CPU Benchmarks ▼

Intel Xeon Gold 6152 @ 2.10GHz CPU Name	Passmark 23498 CPU Mark (higher is	Rank (lower is	GPU Value (higher is	Price \$3,702.12* (USD)
Intel Xeon Gold 6210U @ 2.50GHz	28560	10	NA	NA
Intel Xeon Gold 6230 @ 2.10GHz	24600	27	12.21	\$2,013.99
Intel Xeon Gold 6242 @ 2.80GHz	25313	23	9.45	\$2,678.49
Intel Xeon L3110 @ 3.00GHz	2273	1639	NA	NA

Intel Xeon L3360 @ 2.83GHz	3764	1162	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2082	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3943	1123	8.82	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1844	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1640	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1636	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1692	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1467	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3014	1372	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1263	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3501	1229	127.31	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3724	1172	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1176	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4324	1047	337.35	\$12.82*
Intel Xeon L5530 @ 2.40GHz	4389	1031	227.93	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4338	1043	206.69	\$20.99*
Intel Xeon L5638 @ 2.00GHz	5622	801	80.43	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6869	673	NA	NA
Intel Xeon L5640 @ 2.27GHz	6232	731	74.80	\$83.32
Intel Xeon L7455 @ 2.13GHz	3836	1142	NA	NA
Intel Xeon MV 3.20GHz	683	2449	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26835	16	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	666	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	8	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	9	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	11	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	24434	31	2.80	\$8,725.00*
Intel Xeon Silver 4108 @ 1.80GHz	10838	303	21.25	\$509.95*

 CPU Benchmarks ▼

Intel Xeon Silver 4109T @ 2.00GHz	10946	296	21.85	\$501.00*
CPU Name	Passmark	Rank	CPU Value	Price
Intel Xeon Silver 4110 @ 2.10GHz	11289	(lower is better)	(higher is better)	(USD)
Intel Xeon Silver 4114 @ 2.20GHz	14279	189	21.65	\$659.44
Intel Xeon Silver 4116 @ 2.10GHz	15509	157	16.44	\$943.13*
Intel Xeon Silver 4123 @ 3.00GHz	15185	162	NA	NA
Intel Xeon Silver 4208 @ 2.10GHz	13116	228	27.79	\$471.99

Intel Xeon Silver 4210 @ 2.20GHz	15974	145	29.04	\$550.00
CPU Name	Passmark CPU Mark	Rank	CPU Value	Price
	(higher is better)	(lower is better)	(higher is better)	(USD)
Intel Xeon Silver 4214 @ 2.20GHz	17722	104	21.43	\$826.88
Intel Xeon Silver 4215 @ 2.50GHz	15200	161	20.29	\$749.00*
Intel Xeon Silver 4216 @ 2.10GHz	17469	108	17.15	\$1,018.70
Intel Xeon W3503 @ 2.40GHz	1756	1867	175.87	\$9.99*
Intel Xeon W3505 @ 2.53GHz	1844	1828	74.18	\$24.86*
Intel Xeon W3520 @ 2.67GHz	4943	919	102.99	\$48.00*
Intel Xeon W3530 @ 2.80GHz	5220	866	17.76	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5412	833	271.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5568	814	185.67	\$29.99*
Intel Xeon W3565 @ 3.20GHz	5780	784	289.15	\$19.99
Intel Xeon W3570 @ 3.20GHz	6047	759	12.60	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6183	738	28.83	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8027	554	16.06	\$499.99*
Intel Xeon W3680 @ 3.33GHz	8911	474	55.71	\$159.95*
Intel Xeon W3690 @ 3.47GHz	8981	464	74.85	\$120.00
Intel Xeon W5580 @ 3.20GHz	5836	778	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6088	755	2.43	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	6986	657	29.72	\$235.05*
Intel Xeon W-2104 @ 3.20GHz	7475	613	29.32	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10675	311	31.56	\$338.31
Intel Xeon W-2125 @ 4.00GHz	12312	248	24.99	\$492.76
Intel Xeon W-2133 @ 3.60GHz	14382	184	23.31	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16292	135	18.10	\$900.15
Intel Xeon W-2140B @ 3.20GHz	18610	91	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19773	77	16.30	\$1,212.95
Intel Xeon W-2150B @ 3.00GHz	21543	54	NA	NA

 CPU Benchmarks ▼

<u>Intel Xeon W-2155 @ 3.30GHz</u> CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon W-2155 @ 3.30GHz</u>	21872	5	11.29	\$1,530.39*
<u>Intel Xeon W-2175 @ 2.50GHz</u>	24454	30	11.81	\$2,071.22
<u>Intel Xeon W-2195 @ 2.30GHz</u>	24081	32	8.66	\$2,780.48*
<u>Intel Xeon W-3175X @ 3.10GHz</u>	33538	3	11.03	\$3,039.64
<u>Intel Xeon W-3265 @ 2.70GHz</u>	31691	6	9.46	\$3,349.00*

<u>Intel Xeon X3210 @ 2.13GHz</u>	2740	1472	14.76	\$185.71*
<u>Intel Xeon X3220 @ 2.40GHz</u>	3088	1351	51.35	\$60.15*
<u>Intel Xeon X3230 @ 2.66GHz</u>	3398	1252	47.53	\$71.50*
<u>Intel Xeon X3320 @ 2.50GHz</u>	3306	1280	14.41	\$229.50*
<u>Intel Xeon X3323 @ 2.50GHz</u>	3174	1317	163.97	\$19.36*
<u>Intel Xeon X3330 @ 2.66GHz</u>	3340	1272	15.91	\$210.00*
<u>Intel Xeon X3350 @ 2.66GHz</u>	3820	1147	63.69	\$59.99*
<u>Intel Xeon X3353 @ 2.66GHz</u>	3853	1138	52.43	\$73.50*
<u>Intel Xeon X3360 @ 2.83GHz</u>	3935	1126	24.91	\$157.95*
<u>Intel Xeon X3363 @ 2.83GHz</u>	3983	1108	116.86	\$34.09*
<u>Intel Xeon X3370 @ 3.00GHz</u>	4293	1054	11.70	\$367.02*
<u>Intel Xeon X3380 @ 3.16GHz</u>	4665	970	9.15	\$509.95*
<u>Intel Xeon X3430 @ 2.40GHz</u>	3342	1270	44.16	\$75.68*
<u>Intel Xeon X3440 @ 2.53GHz</u>	4511	1006	31.78	\$141.96*
<u>Intel Xeon X3450 @ 2.67GHz</u>	4749	960	59.40	\$79.95*
<u>Intel Xeon X3460 @ 2.80GHz</u>	5147	879	14.42	\$357.00*
<u>Intel Xeon X3470 @ 2.93GHz</u>	5328	854	35.84	\$148.70*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon X3480 @ 3.07GHz</u>	5661	797	NA	NA
<u>Intel Xeon X5260 @ 3.33GHz</u>	2455	1569	45.47	\$54.00*
<u>Intel Xeon X5270 @ 3.50GHz</u>	2553	1533	NA	NA
<u>Intel Xeon X5272 @ 3.40GHz</u>	2394	1592	17.10	\$140.00*
<u>Intel Xeon X5355 @ 2.66GHz</u>	3170	1320	10.23	\$309.95*
<u>Intel Xeon X5365 @ 3.00GHz</u>	3524	1222	45.19	\$77.99*
<u>Intel Xeon X5450 @ 3.00GHz</u>	4105	1088	68.47	\$59.96*
<u>Intel Xeon X5460 @ 3.16GHz</u>	4323	1048	43.33	\$99.78
<u>Intel Xeon X5470 @ 3.33GHz</u>	4578	993	24.22	\$189.00*
<u>Intel Xeon X5472 @ 3.00GHz</u>	4001	1104	17.78	\$225.00*

 CPU Benchmarks ▼

Intel Xeon X5482 @ 3.20GHz CPU Name	Passmark 4529 CPU Mark (higher is	Rank 860 (lower is	CPU Value 17.30 (higher is	Price \$99.99* (USD)
Intel Xeon X5550 @ 2.67GHz	5274	860	17.30	\$304.85*
Intel Xeon X5560 @ 2.80GHz	5405	837	159.04	\$33.99*
Intel Xeon X5570 @ 2.93GHz	5618	802	63.13	\$89.00
Intel Xeon X5647 @ 2.93GHz	5797	780	290.91	\$19.93*

Intel Xeon X5650 @ 2.67GHz	7301	631	248.44	\$29.39*
Intel Xeon X5660 @ 2.80GHz	7588	604	90.21	\$84.12*
Intel Xeon X5667 @ 3.07GHz	6198	737	265.70	\$23.33*
Intel Xeon X5670 @ 2.93GHz	7818	578	229.97	\$34.00
Intel Xeon X5672 @ 3.20GHz	6461	713	143.61	\$44.99*
Intel Xeon X5675 @ 3.07GHz	8002	557	145.52	\$54.99
Intel Xeon X5677 @ 3.47GHz	6773	679	177.87	\$38.08*
Intel Xeon X5679 @ 3.20GHz	8958	467	NA	NA
Intel Xeon X5680 @ 3.33GHz	8359	525	119.42	\$70.00
Intel Xeon X5687 @ 3.60GHz	6979	659	123.92	\$56.32*
Intel Xeon X5690 @ 3.47GHz	8792	483	71.49	\$123.00
Intel Xeon X5698 @ 4.40GHz	4272	1055	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1387	NA	NA
Mobile AMD Athlon 4	314	2752	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2707	NA	NA
Mobile AMD Athlon 64 2700+	398	2659	NA	NA
Mobile AMD Athlon 64 2800+	440	2609	NA	NA
Mobile AMD Athlon 64 3000+	450	2597	NA	NA
Mobile AMD Athlon 64 3200+	448	2601	NA	NA
Mobile AMD Athlon 64 3400+	511	2540	NA	NA
Mobile AMD Athlon 64 3700+	435	2619	NA	NA
Mobile AMD Athlon 64 4000+	576	2501	NA	NA
Mobile AMD Athlon 1400+	266	2827	NA	NA
Mobile AMD Athlon 2500+	370	2691	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2828	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2681	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2781	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2551	NA	NA

 CPU Benchmarks ▼

Mobile AMD Athlon XP	572	2505	45.81	\$12.49
CPU Name Mobile AMD Athlon XP-M	Passmark CPU Mark Higher is better	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

Mobile AMD Athlon XP-M 1500+	261	2831	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2833	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

Mobile AMD Athlon XP-M 1700+	323	2739	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2776	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2724	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2770	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2701	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2719	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2717	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2690	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2699	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2698	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2610	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2557	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2544	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2789	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2780	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2729	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2688	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2573	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2546	NA	NA
Mobile AMD Sempron 2100+	252	2842	NA	NA
Mobile AMD Sempron 2600+	394	2665	NA	NA
Mobile AMD Sempron 2800+	361	2704	NA	NA
Mobile AMD Sempron 3000+	389	2675	NA	NA
Mobile AMD Sempron 3100+	416	2632	NA	NA
Mobile AMD Sempron 3200+	354	2711	NA	NA
Mobile AMD Sempron 3300+	446	2604	NA	NA
Mobile AMD Sempron 3400+	441	2608	NA	NA
Mobile AMD Sempron 3500+	408	2642	NA	NA

 CPU Benchmarks ▼

Mobile AMD Sempron 3600+	427	2626	NA	NA
CPU Name	Passmark	Rank	CPU Value	Price
Mobile AMD Sempron 3800+	436	2627	(higher is NA)	(USD)
Mobile Intel Celeron 1.50GHz	188	2904	NA	NA
Mobile Intel Celeron 1.60GHz	188	2905	NA	NA
Mobile Intel Celeron 1.70GHz	181	2913	NA	NA
Mobile Intel Celeron 1.80GHz	186	2907	NA	NA

Mobile Intel Celeron 2.00GHz	204	2889	NA	NA
Mobile Intel Celeron 2.20GHz	226	2869	NA	NA
Mobile Intel Celeron 2.40GHz	236	2861	NA	NA
Mobile Intel Celeron 2.50GHz	281	2808	NA	NA
Mobile Intel Celeron 1200MHz	294	2782	NA	NA
Mobile Intel Celeron 1333MHz	280	2810	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2815	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2830	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2812	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2750	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2726	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2708	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2611	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2571	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 - M 1.60GHz	195	2899	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2919	1.06	\$163.99
Mobile Intel Pentium 4 - M 1.80GHz	175	2916	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2864	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2894	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2896	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2880	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2837	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2754	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2883	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2895	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2845	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2787	NA	NA

 CPU Benchmarks ▼

Mobile Intel Pentium III - M 1200MHz CPU Name	Passmark 224 CPU Mark (higher is	Rank 2970 (lower is	GPU Value (higher is	Price (USD)
Pentium Dual-Core E6000 @ 3.46GHz	2501	1555	NA	NA
Quad-Core AMD Opteron 1385	3442	1243	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3446	1241	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1407	NA	NA

VIA C3 Ezra	100	2948	NA	NA
VIA C7 1500MHz	284	2799	NA	NA
VIA C7-D 1500MHz	287	2795	NA	NA
VIA C7-D 1800MHz	203	2891	NA	NA
VIA C7-D 2000MHz	368	2694	NA	NA
VIA C7-M 1000MHz	164	2922	NA	NA
VIA C7-M 1200MHz	140	2935	NA	NA
VIA C7-M 1600MHz	178	2915	NA	NA
VIA C7-M 6300MHz	222	2872	NA	NA
VIA Eden 800MHz	155	2926	NA	NA
VIA Eden 1000MHz	123	2943	NA	NA
VIA Eden 1200MHz	142	2934	NA	NA
VIA Eden C1050@1.06GHz	352	2714	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2569	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1262	2130	NA	NA
VIA Esther 1000MHz	146	2933	NA	NA
VIA Esther 1300MHz	250	2844	NA	NA
VIA Esther 1500MHz	219	2874	NA	NA
VIA Esther 2000MHz	394	2664	NA	NA
VIA Nano L1900@1400MHz	457	2591	NA	NA
VIA Nano L2007@1600MHz	369	2692	NA	NA
VIA Nano L2100@1800MHz	428	2624	NA	NA
VIA Nano L2207@1600MHz	296	2778	NA	NA
VIA Nano L3025@1600MHz	517	2536	NA	NA
VIA Nano L3050@1800MHz	581	2498	NA	NA
VIA Nano L3600@2000MHz	645	2465	NA	NA
VIA Nano U2250 (1.6GHz Capable)	415	2633	NA	NA
VIA Nano U2250@1300+MHz	274	2819	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano U2500@1200MHz	306	2761	NA	NA
VIA Nano U3100 (1.6GHz Capable)	306	2761	NA	NA
VIA Nano U3300@1200MHz	409	2640	NA	NA
VIA Nano U3500@1000MHz	275	2817	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2483	NA	NA

VIA Nehemiah	155	2927	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1802	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	2068	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2177	NA	NA
VIA Samuel 2	79	2950	NA	NA
ZHAOXIN KaiXian KX-U6780A@2.7GHz	5760	789	NA	NA

* - Last price seen from our affiliates.

Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	327	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	148	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	433	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	439	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	485	NA	NA
[Dual CPU] AMD EPYC 7251	12955	205	15.35	\$843.80
[Dual CPU] AMD EPYC 7261	12430	213	14.20	\$875.62
[Dual CPU] AMD EPYC 7281	13293	201	13.78	\$964.56
[Dual CPU] AMD EPYC 7371	19370	132	NA	NA
[Dual CPU] AMD EPYC 7401	23518	80	7.24	\$3,249.80
[Dual CPU] AMD EPYC 7451	28957	46	16.15	\$1,792.70
[Dual CPU] AMD EPYC 7501	28991	45	7.03	\$4,121.72
[Dual CPU] AMD EPYC 7551	31452	32	10.98	\$2,864.52
[Dual CPU] AMD EPYC 7601	33545	24	5.33	\$6,299.12
[Dual CPU] AMD EPYC 7742	55888	1	4.02	\$13,900.00*
[Dual CPU] AMD Opteron 246	1130	474	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	475	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	470	65.36	\$22.00*

 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 252	1418	471	40.70	\$126.72*
[Dual CPU] AMD Opteron 250	1800	467	40.70	\$50.00
[Dual CPU] AMD Opteron 265	2010	465	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	461	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	464	16.41	\$129.98

[Dual CPU] AMD Opteron 280	2452	456	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2769	446	17.32	\$159.90
[Dual CPU] AMD Opteron 290	2716	448	10.06	\$270.00*
[Dual CPU] AMD Opteron 850	1410	472	0.47	\$3,028.00*
[Dual CPU] AMD Opteron 885	2851	442	NA	NA
[Dual CPU] AMD Opteron 2212	2203	462	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	457	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	455	NA	NA
[Dual CPU] AMD Opteron 2216	2485	454	48.16	\$51.60
[Dual CPU] AMD Opteron 2216 HE	2593	450	NA	NA
[Dual CPU] AMD Opteron 2218	2719	447	17.00	\$159.90
[Dual CPU] AMD Opteron 2218 HE	2514	451	NA	NA
[Dual CPU] AMD Opteron 2220	2854	441	17.85	\$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	440	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	437	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	431	45.30	\$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	421	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	428	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	422	25.50	\$159.90
[Dual CPU] AMD Opteron 2354	4554	409	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	412	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	391	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	419	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	405	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	392	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	390	14.85	\$358.00*
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	376	63.93	\$90.00

 CPU Benchmarks ▼

[Dual CPU] AMD Opteron 2384 CPU Name	Passmark 5714 CPU Mark (higher is	Rank 379 (lower is	GPU Value 48.11 (higher is	Price \$1,680.00* (USD)
[Dual CPU] AMD Opteron 2389	5677	379	48.11	\$118.00*
[Dual CPU] AMD Opteron 2419	5191	394	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	365	NA	NA
[Dual CPU] AMD Opteron 2427	5907	374	36.94	\$159.90

[Dual CPU] AMD Opteron 2431	6438	358	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7068	343	18.70	\$378.00*
[Dual CPU] AMD Opteron 2439 SE	8071	313	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	423	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	381	24.58	\$229.90*
[Dual CPU] AMD Opteron 4170 HE	6344	361	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	359	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7813	318	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	312	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	315	NA	NA
[Dual CPU] AMD Opteron 4234	8953	287	19.46	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	4214	416	52.69	\$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	271	NA	NA
[Dual CPU] AMD Opteron 4280	4525	410	45.25	\$100.00
[Dual CPU] AMD Opteron 4284	9151	280	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9456	278	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	250	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	260	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11410	233	40.75	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	350	178.04	\$37.98
[Dual CPU] AMD Opteron 6128 HE	5582	384	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	297	NA	NA
[Dual CPU] AMD Opteron 6134	7586	329	86.22	\$87.98*
[Dual CPU] AMD Opteron 6136	7255	337	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	397	NA	NA
[Dual CPU] AMD Opteron 6168	7741	324	92.15	\$84.00
[Dual CPU] AMD Opteron 6172	7621	328	19.24	\$396.00*
[Dual CPU] AMD Opteron 6174	7783	319	48.67	\$159.90

 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 6176 SE	8448	302	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	8448	302	26.57	\$318.00*
[Dual CPU] AMD Opteron 6212	8927	291	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	246	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	264	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	253	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	9841	268	70.30	\$139.98
[Dual CPU] AMD Opteron 6274	10536	248	117.09	\$89.98
[Dual CPU] AMD Opteron 6275	10900	244	NA	NA
[Dual CPU] AMD Opteron 6276	10101	263	29.88	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	225	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	304	13.47	\$619.96
[Dual CPU] AMD Opteron 6320	10716	247	20.88	\$513.18
[Dual CPU] AMD Opteron 6328	12013	224	10.09	\$1,190.00
[Dual CPU] AMD Opteron 6344	11203	238	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	232	18.64	\$612.20
[Dual CPU] AMD Opteron 6376	10405	252	80.04	\$130.00
[Dual CPU] AMD Opteron 6378	9145	281	24.07	\$380.00
[Dual CPU] AMD Opteron 6380	14200	184	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	218	42.05	\$289.98
[Dual CPU] AMD Opteron 8218	2831	443	61.54	\$46.00
[Dual CPU] AMD Opteron 8220	2510	452	15.70	\$159.90
[Dual CPU] AMD Opteron 8222 SE	2793	445	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	432	67.15	\$48.00
[Dual CPU] AMD Opteron 8380	5643	382	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	393	NA	NA
[Dual CPU] AMD Opteron 8389	6517	355	41.25	\$158.00*
[Dual CPU] AMD Opteron 8431	5813	375	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	351	46.80	\$144.00*
[Dual CPU] AMD Opteron 8439 SE	7691	326	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	473	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	459	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224	2522	427	NA	NA

 CPU Benchmarks ▼

[Dual CPU] Dual-Core AMD Opteron 6224 SE CPU Name	5552 Passmark CPU Mark (higher is	427 Rank (lower is	NA CPU Value (higher is	NA Price (USD)
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[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	494	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	492	NA	NA

[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	489	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	540	488	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	495	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	496	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	493	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	491	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	486	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	679	482	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	481	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	484	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	479	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	478	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	927	477	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	466	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	476	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	463	30.53	\$70.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2315	458	0.71	\$3,239.98*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	449	41.62	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	435	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2975	438	59.52	\$49.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	436	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3409	429	12.18	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3826	425	51.03	\$74.98*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8929	290	18.61	\$479.74
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11012	241	15.81	\$696.66*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	366	28.69	\$216.22

 CPU Benchmarks ▼

CPU Name CPU Name	PassMark CPU Mark (higher is better)	Rank Rank (lower is better)	CPU Value CPU Value (higher is better)	Price Price (USD)
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	335	11.07	\$660.00
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	283	39.02	\$231.12*

[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11299	235	14.49	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	226	113.06	\$105.34
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	307	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13220	204	173.95	\$76.00*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	188	68.82	\$200.00
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	10818	245	167.57	\$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	215	NA	NA
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	12436	212	155.49	\$79.98
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	206	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	11334	234	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15680	168	120.63	\$129.98*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	15106	176	48.73	\$310.00*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11664	228	44.86	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	13442	198	52.51	\$256.00
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	139	41.83	\$444.00
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	362	127.11	\$49.88*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	354	54.34	\$119.98*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	303	13.50	\$619.90
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8932	289	17.18	\$520.00*
[Dual CPU] Intel Xeon E5-2609 @	8162	310	140.77	\$57.98

 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 E5-2609 v3 @ 2.40GHz	10029	266	46.00	\$218.00
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	242	15.28	\$719.46*

[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12248	217	70.76	\$173.08
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13223	203	165.33	\$79.98
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15244	174	108.90	\$139.98
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16453	157	22.54	\$729.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14339	183	11.05	\$1,298.00*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12620	209	11.49	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	181	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13502	197	79.66	\$169.50*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15943	163	181.42	\$87.88
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18496	143	94.37	\$196.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18736	138	14.19	\$1,319.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11506	230	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	190	175.27	\$78.20*
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	175	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7706	325	4.35	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15884	165	93.45	\$169.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16401	158	26.45	\$619.98*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16703	155	7.81	\$2,139.90*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14674	179	75.94	\$193.24
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.50GHz	14505	182	43.62	\$332.56

 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 E5-2640 v4 @ 2.40GHz	20530	117	11.15	\$1,840.54*
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13673	191	114.04	\$119.90

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20742	113	93.01	\$223.00
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21023	108	42.05	\$500.00
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	102	6.44	\$3,342.50*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12399	214	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	187	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	145	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15056	177	109.10	\$138.00
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18888	136	131.08	\$144.10
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20337	120	63.96	\$317.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20740	114	7.49	\$2,769.38
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	13621	194	86.21	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14152	185	52.09	\$271.68*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	109	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2652 v3 @ 2.30GHz	19588	127	8.36	\$2,342.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13855	186	4.74	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	137	52.29	\$359.98*
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	131	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	147	4.85	\$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @	16378	159	124.09	\$131.98*

 CPU Benchmarks ▼

2.20GHz CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22577	94	22.65	\$996.60
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23225	85	7.74	\$2,999.98*

[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	86	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17036	152	75.70	\$225.04
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	71	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16358	160	126.30	\$129.52
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22682	92	31.50	\$719.98
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22609	93	28.39	\$796.28
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22916	88	5.88	\$3,898.06*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18169	144	129.78	\$140.00
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20611	116	40.54	\$508.46
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22298	97	65.58	\$340.00
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	82	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21751	100	15.54	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	62	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19762	125	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21063	107	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	39	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18560	141	124.87	\$148.64
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21545	101	48.97	\$439.98
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24215	77	40.49	\$598.00
[Dual CPU] Intel Xeon E5-2680 v4 @	22761	90	7.54	\$3,018.00*

 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 E5-2683 v3 @ 2.40GHz	21121	106	20.71	\$1,019.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	70	5.66	\$4,417.86*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	98	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26907	59	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	48	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20807	112	48.39	\$429.98*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23298	84	32.37	\$719.80
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24320	76	20.61	\$1,179.98
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	60	6.13	\$4,349.98*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19404	130	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	25703	67	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19639	126	95.68	\$205.26
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23625	79	43.34	\$545.16
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25801	66	52.23	\$493.98
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27411	57	6.32	\$4,339.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20921	110	40.39	\$517.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	72	25.36	\$979.98
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	75	6.81	\$3,618.00*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23501	81	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	37	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @	31774	31	5.28	\$6,019.90*

 CPU Benchmarks ▼

2.20GHz CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27424	56	30.71	\$893.00
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30440	36	4.98	\$6,109.98*

[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	29185	43	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	28325	52	19.16	\$1,478.00
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	35	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	29	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	78	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26341	63	5.25	\$5,018.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	22	2.86	\$11,909.58*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	115	NA	NA
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz	15383	171	85.56	\$179.80*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	129	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	164	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	133	35.31	\$544.08*
[Dual CPU] Intel Xeon E5-4640 v3 @ 1.90GHz	20468	118	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	128	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18565	140	132.63	\$139.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	178	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	13742	189	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	55	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @	12145	219	44.98	\$270.00*

 CPU Benchmarks ▼

[Dual CPU] Intel Xeon E7-2870 @ 2.00GHz CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E7-4830 @ 2.13GHz	9539	277	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	223	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15263	173	40.38	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10965	243	27.41	\$399.98*
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10207	261	1.02	\$10,017.02*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	460	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	424	22.74	\$177.56*
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3554	426	36.27	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4166	418	53.75	\$77.50*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	400	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	408	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5120	396	64.02	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5138	395	64.31	\$79.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6010	371	14.38	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6348	360	50.42	\$125.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6831	349	30.77	\$221.98*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7126	340	35.99	\$198.00*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7501	332	69.45	\$108.00*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7093	342	129.91	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7769	320	129.31	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2492	453	13.12	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2803	444	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4878	404	34.87	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4990	399	39.60	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	387	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7300	336	255.78	\$28.54*

 CPU Benchmarks ▼

[Dual CPU] Intel Xeon E5530 @ 2.40GHz	Passmark 7576 CPU Mark (higher is	Rank (lower is	CPU Value (higher is	\$26.00 Price (USD)
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7576	720	10.04	\$26.00
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	385	12.57	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5947	373	42.96	\$138.42*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	7989	314	27.78	\$287.62*

[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8329	305	118.99	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8662	296	154.73	\$55.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10246	259	63.03	\$162.56*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10259	257	49.13	\$208.80
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	386	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	389	29.87	\$179.98*
[Dual CPU] Intel Xeon E7540 @ 2.00GHz	6738	352	210.96	\$31.94*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	99	8.41	\$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21437	103	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	105	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22722	91	9.46	\$2,401.80*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	69	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	149	6.73	\$2,595.00*
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	58	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	22983	87	6.92	\$3,319.90
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	135	7.83	\$2,442.00*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28610	50	7.57	\$3,780.00*
[Dual CPU] Intel Xeon Gold 6126T @ 2.60GHz	20420	119	5.47	\$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	61	6.86	\$3,875.58
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	54	5.48	\$5,017.90
[Dual CPU] Intel Xeon Gold 6134 @ 2.60GHz	24666	74	5.74	\$4,300.00

 CPU Benchmarks ▼

<u>3.20GHz</u>	Passmark	Rank	CPU Value	Price
CPU Name	CPU Mark	(lower is	(higher is	(USD)
[Dual CPU] Intel Xeon Gold 6136 @ 3.20GHz	29961	38	5.73	\$5,927.18*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	53	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34125	21	6.49	\$5,257.90
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	28	6.68	\$4,879.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	47	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	28723	49	4.91	\$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	NA	NA
[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	29161	44	6.57	\$4,440.00*
[Dual CPU] Intel Xeon Gold 6242 @ 2.80GHz	33019	26	6.16	\$5,356.98
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31379	33	4.17	\$7,527.00
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33741	23	5.13	\$6,572.00*
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	8	6.16	\$6,291.90
[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	411	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	415	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	402	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	383	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	368	30.58	\$200.16*

 CPU Benchmarks ▼

CPU Name	Passmark 64bit CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468			\$55.00*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	401	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	347	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6961	346	271.49	\$25.64*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7553	331	196.08	\$38.52*

[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6973	345	166.10	\$41.98*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8693	294	62.18	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9607	274	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9663	272	57.99	\$166.64
[Dual CPU] Intel Xeon MP 2.50GHz	550	487	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	490	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	483	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	468	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	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 @ 2.50GHz	36068	18	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	12	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Platinum 8260 @ 2.40GHz	38657	9	4.11	\$9,404.00*
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	5	3.26	\$12,604.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	162	15.66	\$1,019.90*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16697	156	20.98	\$796.00
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	195	13.24	\$1,027.98*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19206	134	14.56	\$1,318.88
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	104	11.36	\$1,886.26*

 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 4209T @ 2.20GHz	25402	68	15.36	\$1,602.00*
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	25402	68	15.36	\$1,653.76
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10062	265	47.01	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10249	258	2.04	\$5,017.90*

[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	256	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	406	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	407	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	403	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5738	377	9.26	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6203	367	39.77	\$155.98*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7436	333	62.01	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7822	317	39.20	\$199.56
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	311	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7769	321	17.26	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8175	309	40.88	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8682	295	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8758	292	14.36	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9002	285	132.42	\$67.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9278	279	52.12	\$178.00
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9642	273	241.90	\$39.86*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11243	236	191.27	\$58.78*
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11647	229	69.23	\$168.24*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10288	255	220.49	\$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12082	220	177.68	\$68.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10320	254	114.69	\$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12448	210	113.18	\$109.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11160	239	146.53	\$76.16*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13428	199	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13345	200	95.32	\$140.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11742	227	104.24	\$112.64*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13665	192	55.55	\$246.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	301	NA	NA

 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 X7350 @ 2.93GHz	6594	353	91.61	\$71.98*
[Dual CPU] Intel Xeon X7160 @ 2.66GHz	6728	303	87.15	\$117.00*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	267	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11230	237	255.23	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	417	46.34	\$90.00

[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	398	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	414	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	413	27.37	\$159.90
[Dual CPU] Quad-Core AMD Opteron 8378	5382	388	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	348	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	380	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	372	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	306	NA	NA
[Quad CPU] AMD Opteron 6136	9767	269	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	299	26.87	\$319.80
[Quad CPU] AMD Opteron 6272	12292	216	43.91	\$279.96
[Quad CPU] AMD Opteron 6274	10488	249	58.28	\$179.96
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 6276	15342	172	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	221	24.31	\$495.80
[Quad CPU] AMD Opteron 6282 SE	11044	240	4.31	\$2,560.00
[Quad CPU] AMD Opteron 6376	13257	202	50.99	\$260.00
[Quad CPU] AMD Opteron 6378	20859	111	27.45	\$760.00
[Quad CPU] AMD Opteron 6380	12442	211	52.72	\$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	356	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	369	NA	NA
[Quad CPU] AMD Opteron 8382	8553	300	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	334	NA	NA
[Quad CPU] AMD Opteron 8431	8252	308	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	341	24.65	\$288.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 8439 SE	3395	430	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	16874	154	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	14669	180	27.32	\$536.84*

[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	193	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	122	18.41	\$1,088.16*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	17127	151	61.18	\$279.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	64	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	18557	142	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	121	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	13606	196	105.31	\$129.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	161	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	20	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	51	1.25	\$22,916.00*
[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	169	96.48	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17398	150	131.84	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15429	170	20.41	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	208	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	166	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	344	20.65	\$340.00*

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[Quad CPU] Intel Xeon E7430 @ 2.13GHz	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price NA Item
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	107	40.56	\$236.00*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	275	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	282	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	65	5.04	\$5,190.00*

[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	270	NA	NA
[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10406	251	NA	NA
[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	276	66.28	\$143.96*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	222	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	298	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	231	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	12824	207	145.73	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	338	22.42	\$319.80

* - Last price seen from our affiliates.

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