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CPU Benchmarks

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CPU List

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



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Single CPU Systems

Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2744	NA	NA
AMD A4 Micro-6400T APU	1544	1936	NA	NA
AMD A4 PRO-3340B	2402	1542	NA	NA
AMD A4 PRO-7300B APU	2353	1563	NA	NA
AMD A4 PRO-7350B	2227	1617	NA	NA
AMD A4-1200 APU	632	2424	NA	NA
AMD A4-1250 APU	619	2431	NA	NA
AMD A4-3300 APU	1501	1959	115.59	\$12.99
AMD A4-3300M APU	1185	2124	39.53	\$29.99*
AMD A4-3305M APU	1224	2102	39.74	\$30.81
AMD A4-3310MX APU	1287	2063	NA	NA
AMD A4-3320M APU	1253	2086	34.93	\$35.90
AMD A4-3330MX APU	1216	2106	NA	NA
AMD A4-3400 APU	1592	1921	18.11	\$87.95
AMD A4-3420 APU	1664	1879	NA	NA
AMD A4-4000 APU	1831	1795	14.28	\$128.27
AMD A4-4020 APU	1909	1750	20.75	\$92.00
AMD A4-4300M APU	1612	1908	40.44	\$39.86
AMD A4-4355M APU	1177	2126	NA	NA
AMD A4-5000 APU	1915	1745	NA	NA
AMD A4-5050 APU	2113	1659	NA	NA
AMD A4-5100 APU	2037	1690	NA	NA
AMD A4-5150M APU	1864	1776	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5300 APU	2012	1701	20.13	\$99.98
AMD A4-5300B APU	2142	1644	56.38	\$38.00*
AMD A4-6210 APU	2169	1635	NA	NA
AMD A4-6250J APU	2556	1483	NA	NA
AMD A4-6300 APU	2224	1620	37.08	\$59.99*
AMD A4-6300B APU	2129	1651	21.30	\$100.00*
AMD A4-6320 APU	2329	1566	33.29	\$69.99*
AMD A4-7210 APU	2523	1496	NA	NA
AMD A4-7300 APU	2308	1576	19.40	\$119.00
AMD A4-9120	1957	1722	NA	NA
AMD A4-9125	1939	1733	NA	NA
AMD A6 Micro-6500T APU	1834	1791	NA	NA
AMD A6 PRO-7050B APU	1616	1906	NA	NA
AMD A6 PRO-7400B	2608	1463	NA	NA
AMD A6-1450 APU	1539	1939	NA	NA
AMD A6-3400M APU	1882	1768	62.82	\$29.97*
AMD A6-3410MX APU	2057	1686	515.55	\$3.99*
AMD A6-3420M APU	2000	1704	NA	NA
AMD A6-3430MX APU	2200	1627	NA	NA
AMD A6-3500 APU	2012	1702	50.32	\$39.99*
AMD A6-3600 APU	2701	1438	117.50	\$22.99*
AMD A6-3620 APU	2792	1407	46.54	\$59.99*
AMD A6-3650 APU	3148	1288	98.41	\$31.99*
AMD A6-3670 APU	3166	1279	5.19	\$610.00*
AMD A6-4400M APU	1640	1893	205.38	\$7.99*
AMD A6-4455M APU	1286	2064	NA	NA
AMD A6-5200 APU	2433	1530	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5345M APU	1476	1969	NA	NA
AMD A6-5350M APU	1902	1753	44.13	\$43.12
AMD A6-5357M APU	1953	1729	NA	NA
AMD A6-5400B APU	2238	1613	21.31	\$105.04*
AMD A6-5400K APU	2157	1641	34.80	\$62.02
AMD A6-6310 APU	2455	1521	NA	NA
AMD A6-6400B APU	2281	1588	NA	NA
AMD A6-6400K APU	2308	1575	11.04	\$208.99*
AMD A6-6420B APU	2612	1461	NA	NA
AMD A6-6420K APU	2388	1549	15.92	\$149.99*
AMD A6-7000	1667	1877	NA	NA
AMD A6-7310 APU	2667	1447	NA	NA
AMD A6-7400K APU	2784	1411	49.46	\$56.29
AMD A6-7470K	2727	1431	11.22	\$243.00
AMD A6-7480	3116	1297	70.84	\$43.99*
AMD A6-8500P	2202	1626	NA	NA
AMD A6-8550	3032	1324	NA	NA
AMD A6-9200	1747	1828	NA	NA
AMD A6-9210	1753	1824	NA	NA
AMD A6-9220	2166	1638	NA	NA
AMD A6-9220C	2066	1680	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-9220e	1607	1909	NA	NA
AMD A6-9225	2170	1634	NA	NA
AMD A6-9230	2102	1665	NA	NA
AMD A6-9500	3053	1318	64.37	\$47.44
AMD A6-9500E	2889	1381	47.37	\$60.99
AMD A8 PRO-7150B APU	2650	1451	NA	NA
AMD A8 PRO-7600B APU	4748	916	NA	NA
AMD A8-3500M APU	1971	1717	28.18	\$69.95
AMD A8-3510MX APU	2395	1545	NA	NA
AMD A8-3520M APU	2169	1636	NA	NA
AMD A8-3530MX APU	2354	1560	NA	NA
AMD A8-3550MX APU	2610	1462	NA	NA
AMD A8-3800 APU	3012	1327	52.86	\$56.99*
AMD A8-3820 APU	3104	1299	24.84	\$124.99*
AMD A8-3850 APU	3459	1194	32.73	\$105.68*
AMD A8-3870K APU	3539	1172	23.65	\$149.67*
AMD A8-4500M APU	2666	1449	NA	NA
AMD A8-4555M APU	2123	1655	NA	NA
AMD A8-5500 APU	3997	1062	70.74	\$56.50*
AMD A8-5500B APU	4005	1059	NA	NA
AMD A8-5545M APU	2590	1472	NA	NA
AMD A8-5550M APU	3008	1330	NA	NA
AMD A8-5557M APU	2965	1348	NA	NA
AMD A8-5600K APU	4343	998	18.94	\$229.30
AMD A8-6410 APU	2572	1479	NA	NA
AMD A8-6500 APU	4396	986	46.28	\$94.99*
AMD A8-6500B APU	4612	940	NA	NA
AMD A8-6500T APU	3221	1260	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-6600K APU	4589	947	47.32	\$96.99*
AMD A8-7050	1986	1712	NA	NA
AMD A8-7100 APU	2808	1404	NA	NA
AMD A8-7200P	3319	1229	NA	NA
AMD A8-7410 APU	2743	1424	NA	NA
AMD A8-7600 APU	5065	849	17.71	\$285.99*
AMD A8-7650K	4925	881	29.68	\$165.99
AMD A8-7670K	5079	844	31.53	\$161.10*
AMD A8-7680	5270	816	87.86	\$59.99*
AMD A8-8600P	3248	1251	NA	NA
AMD A8-8650	5470	784	NA	NA
AMD A8-9600	4983	869	71.21	\$69.99
AMD A9-9400	2328	1567	NA	NA
AMD A9-9410	2551	1487	NA	NA
AMD A9-9420	2343	1565	NA	NA
AMD A9-9420e	1884	1766	NA	NA
AMD A9-9425	2510	1503	NA	NA
AMD A9-9430	2524	1495	NA	NA
AMD A10 Micro-6700T APU	1970	1718	NA	NA
AMD A10 PRO-7350B APU	3171	1275	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10 PRO-7800B APU	4934	877	NA	NA
AMD A10 PRO-7850B APU	5380	799	NA	NA
AMD A10-4600M APU	3113	1298	NA	NA
AMD A10-4655M APU	2605	1465	NA	NA
AMD A10-4657M APU	2906	1373	NA	NA
AMD A10-5700 APU	4212	1023	65.32	\$64.50*
AMD A10-5745M APU	2763	1419	NA	NA
AMD A10-5750M APU	3342	1226	NA	NA
AMD A10-5757M APU	3084	1305	NA	NA
AMD A10-5800B APU	4568	950	NA	NA
AMD A10-5800K APU	4636	934	7.60	\$610.00*
AMD A10-6700 APU	4602	942	39.34	\$116.99*
AMD A10-6700T APU	3693	1138	25.02	\$147.61*
AMD A10-6790K APU	4691	923	49.39	\$94.99*
AMD A10-6800B APU	4806	903	NA	NA
AMD A10-6800K APU	4861	896	16.95	\$286.85*
AMD A10-7300 APU	2907	1371	NA	NA
AMD A10-7400P	3605	1154	NA	NA
AMD A10-7700K APU	5118	836	14.76	\$346.70*
AMD A10-7800 APU	4975	871	48.12	\$103.39*
AMD A10-7850K APU	5470	783	28.79	\$190.00*
AMD A10-7860K	5070	846	28.98	\$175.00*
AMD A10-7870K	5467	786	24.09	\$226.99*
AMD A10-7890K	5698	752	28.50	\$199.99*
AMD A10-8700P	3448	1197	NA	NA
AMD A10-8750	5064	850	NA	NA
AMD A10-8850	5604	767	NA	NA
AMD A10-9600P	3774	1113	NA	NA
AMD A10-9620P	3684	1142	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9630P	4497	967	NA	NA
AMD A10-9700	5388	798	65.83	\$81.86
AMD A10-9700E	4747	917	52.18	\$90.99
AMD A12-9700P	3725	1129	NA	NA
AMD A12-9720P	4000	1061	NA	NA
AMD A12-9730P	4417	983	NA	NA
AMD A12-9800	5521	776	37.25	\$148.24*
AMD A12-9800E	5083	841	39.11	\$129.99
AMD Athlon64 X2 Dual Core 4600+	1108	2168	NA	NA
AMD Athlon 4	279	2764	4.00	\$69.99
AMD Athlon 64 2000+	116	2898	NA	NA
AMD Athlon 64 2200+	575	2456	NA	NA
AMD Athlon 64 2600+	374	2638	NA	NA
AMD Athlon 64 2800+	438	2567	4.38	\$99.99*
AMD Athlon 64 3000+	464	2535	4.26	\$108.95
AMD Athlon 64 3200+	493	2505	3.29	\$149.95*
AMD Athlon 64 3300+	576	2455	NA	NA
AMD Athlon 64 3400+	545	2467	NA	NA
AMD Athlon 64 3500+	540	2473	4.97	\$108.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 3600+	601	2440	NA	NA
AMD Athlon 64 3700+	598	2442	8.67	\$69.00*
AMD Athlon 64 3800+	589	2445	3.28	\$179.95*
AMD Athlon 64 4000+	608	2435	3.32	\$183.27*
AMD Athlon 64 FX-25	794	2352	NA	NA
AMD Athlon 64 FX-34	380	2630	NA	NA
AMD Athlon 64 FX-51	437	2568	NA	NA
AMD Athlon 64 FX-53	646	2416	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2380	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2376	NA	NA
AMD Athlon 64 FX-59	715	2383	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2069	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1926	NA	NA
AMD Athlon 64 FX-72	1794	1806	NA	NA
AMD Athlon 64 FX-74	1495	1964	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2263	NA	NA
AMD Athlon 64 X2 4200+	1285	2065	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2236	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2257	16.05	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	999	2230	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1044	2203	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	2172	6.87	\$159.95*
AMD Athlon 64 X2 Dual Core 4400+	1145	2151	95.57	\$11.99*
AMD Athlon 64 X2 Dual Core 4600+	1218	2104	3.39	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1253	2085	2.73	\$459.95*
AMD Athlon 64 X2 Dual Core 5000+	1313	2044	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	2010	9.87	\$139.95
AMD Athlon 64 X2 Dual Core 5400+	1450	1981	27.37	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1485	1967	9.91	\$149.95*
AMD Athlon 64 X2 Dual Core 5800+	1516	1950	60.68	\$24.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core 6000+	1603	1913	34.90	\$45.95
AMD Athlon 64 X2 Dual Core 6400+	1791	1808	6.89	\$259.95*
AMD Athlon 64 X2 Dual Core BE-230	1095	2176	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2185	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2202	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2328	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2329	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2250	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2308	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2338	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2309	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	925	2283	NA	NA
AMD Athlon 64 X2 QL-60	922	2289	NA	NA
AMD Athlon 64 X2 QL-62	1005	2226	NA	NA
AMD Athlon 64 X2 QL-64	990	2241	NA	NA
AMD Athlon 64 X2 QL-65	1050	2199	NA	NA
AMD Athlon 64 X2 QL-66	947	2271	NA	NA
AMD Athlon 64 X2 QL-67	1006	2225	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 TK-55	955	2265	NA	NA
AMD Athlon 64 X2 TK-57	988	2242	NA	NA
AMD Athlon 200GE	4919	882	74.75	\$65.81
AMD Athlon 220GE	5302	814	80.60	\$65.79
AMD Athlon 240GE	5411	791	85.91	\$62.99
AMD Athlon 300U	4864	893	NA	NA
AMD Athlon 1500+	294	2737	NA	NA
AMD Athlon 1640B	670	2406	13.42	\$50.00*
AMD Athlon 2000+	390	2626	NA	NA
AMD Athlon 2100+	412	2588	NA	NA
AMD Athlon 2200+	363	2656	4.55	\$79.99*
AMD Athlon 2400+	462	2539	NA	NA
AMD Athlon 2500+	374	2636	2.04	\$183.99*
AMD Athlon 2600+	444	2558	4.23	\$104.95*
AMD Athlon 2650e	409	2593	21.56	\$19.00*
AMD Athlon 2800+	447	2555	3.20	\$139.95*
AMD Athlon 2850e	506	2498	NA	NA
AMD Athlon 3100+	485	2516	NA	NA
AMD Athlon 3200+	458	2543	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	2058	10.78	\$119.95
AMD Athlon 5150 APU	2105	1663	13.16	\$159.95
AMD Athlon 5200 Dual-Core	1266	2080	42.23	\$29.99*
AMD Athlon 5350 APU	2606	1464	13.72	\$190.00*
AMD Athlon 5370 APU	2912	1365	45.73	\$63.70*
AMD Athlon 7450 Dual-Core	1450	1980	NA	NA
AMD Athlon 7550 Dual-Core	1470	1971	24.52	\$60.00
AMD Athlon 7750 Dual-Core	1570	1927	9.59	\$163.77
AMD Athlon 7850 Dual-Core	1713	1846	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2747	NA	NA
AMD Athlon Dual Core 4050e	1086	2181	NA	NA
AMD Athlon Dual Core 4450B	1166	2138	37.63	\$31.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 4450e	1107	2170	NA	NA
AMD Athlon Dual Core 4850B	1391	2003	NA	NA
AMD Athlon Dual Core 4850e	1313	2045	33.67	\$39.00*
AMD Athlon Dual Core 5000B	1304	2050	13.74	\$95.00*
AMD Athlon Dual Core 5050e	1343	2031	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1316	2043	NA	NA
AMD Athlon Dual Core 5400B	1420	1993	NA	NA
AMD Athlon Dual Core 5600B	1304	2051	NA	NA
AMD Athlon II 160u	560	2462	18.68	\$29.99*
AMD Athlon II 170u	627	2426	20.95	\$29.95*
AMD Athlon II Dual-Core M300	1111	2164	NA	NA
AMD Athlon II Dual-Core M320	1141	2154	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2198	NA	NA
AMD Athlon II N330 Dual-Core	1154	2144	NA	NA
AMD Athlon II N350 Dual-Core	1249	2091	NA	NA
AMD Athlon II N370 Dual-Core	1559	1931	NA	NA
AMD Athlon II Neo K125	473	2528	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II Neo K145	525	2481	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2356	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2319	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2351	NA	NA
AMD Athlon II P320 Dual-Core	1216	2105	40.62	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2090	27.82	\$44.95*
AMD Athlon II P360 Dual-Core	1318	2042	54.94	\$24.00*
AMD Athlon II X2 210e	1486	1966	NA	NA
AMD Athlon II X2 215	1567	1929	130.73	\$11.99*
AMD Athlon II X2 220	1633	1897	50.73	\$32.19
AMD Athlon II X2 225	1526	1943	NA	NA
AMD Athlon II X2 235e	1656	1885	9.11	\$181.88*
AMD Athlon II X2 240	1642	1891	47.00	\$34.95
AMD Athlon II X2 240e	1695	1861	48.52	\$34.95*
AMD Athlon II X2 245	1661	1883	47.55	\$34.95*
AMD Athlon II X2 245e	1709	1850	21.37	\$80.00*
AMD Athlon II X2 250	1741	1831	44.72	\$38.95
AMD Athlon II X2 250e	1939	1734	25.28	\$76.73*
AMD Athlon II X2 250u	1000	2229	28.64	\$34.95
AMD Athlon II X2 255	1841	1787	28.24	\$65.22*
AMD Athlon II X2 260	1874	1770	93.76	\$19.99*
AMD Athlon II X2 260u	1107	2169	13.28	\$83.44*
AMD Athlon II X2 265	1890	1763	22.81	\$82.88*
AMD Athlon II X2 270	1978	1716	82.46	\$23.99*
AMD Athlon II X2 270u	1285	2067	18.99	\$67.67*
AMD Athlon II X2 280	2129	1650	21.30	\$99.99*
AMD Athlon II X2 4300e	1350	2026	NA	NA
AMD Athlon II X2 4400e	1632	1899	NA	NA
AMD Athlon II X2 4450e	1504	1957	NA	NA
AMD Athlon II X2 B22	1713	1845	41.11	\$41.69*
AMD Athlon II X2 B24	1777	1812	44.50	\$39.95
AMD Athlon II X2 B26	1906	1751	54.56	\$34.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 B28	2085	1672	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1703	18.70	\$107.43*
AMD Athlon II X3 405e	2000	1705	25.00	\$79.99*
AMD Athlon II X3 415e	2247	1607	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1585	19.68	\$116.15*
AMD Athlon II X3 425	2318	1571	85.91	\$26.99*
AMD Athlon II X3 425e	2239	1612	NA	NA
AMD Athlon II X3 435	2472	1518	82.44	\$29.99*
AMD Athlon II X3 440	2566	1480	95.10	\$26.99*
AMD Athlon II X3 445	2573	1477	28.28	\$91.00*
AMD Athlon II X3 450	2621	1459	68.98	\$38.01
AMD Athlon II X3 455	2767	1415	70.97	\$38.99*
AMD Athlon II X3 460	2863	1385	73.45	\$38.99*
AMD Athlon II X4 553	3814	1104	NA	NA
AMD Athlon II X4 555	3830	1099	NA	NA
AMD Athlon II X4 559	4125	1040	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 600e	2465	1520	18.93	\$130.23*
AMD Athlon II X4 605e	2734	1430	26.86	\$101.80*
AMD Athlon II X4 610e	2790	1408	39.87	\$69.99*
AMD Athlon II X4 615e	2901	1377	49.17	\$59.00*
AMD Athlon II X4 620	2928	1361	48.85	\$59.95
AMD Athlon II X4 620e	2906	1374	NA	NA
AMD Athlon II X4 630	3131	1290	49.74	\$62.95
AMD Athlon II X4 631 Quad-Core	3152	1287	39.41	\$80.00*
AMD Athlon II X4 635	3234	1255	46.24	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1266	120.73	\$26.49*
AMD Athlon II X4 640	3314	1232	41.45	\$79.95
AMD Athlon II X4 641 Quad-Core	3345	1223	36.56	\$91.50*
AMD Athlon II X4 645	3468	1191	43.38	\$79.95
AMD Athlon II X4 650	3482	1189	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	1163	20.09	\$178.04*
AMD Athlon II X4 655	2998	1334	NA	NA
AMD Athlon II X4 6400e	2594	1468	NA	NA
AMD Athlon L110	303	2717	NA	NA
AMD Athlon LE-1600	557	2463	26.57	\$21.00*
AMD Athlon LE-1620	578	2453	32.12	\$18.00*
AMD Athlon LE-1640	627	2427	NA	NA
AMD Athlon LE-1660	679	2403	NA	NA
AMD Athlon MP	230	2818	4.20	\$54.95*
AMD Athlon MP 1700+	339	2679	NA	NA
AMD Athlon MP 2400+	436	2569	NA	NA
AMD Athlon MP 2800+	497	2503	NA	NA
AMD Athlon Neo MV-40	410	2591	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2228	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2355	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2333	NA	NA
AMD Athlon PRO 200GE	5204	824	NA	NA
AMD Athlon QI-46	473	2527	NA	NA
AMD Athlon TF-20	412	2589	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon TF-36	395	2616	NA	NA
AMD Athlon X2 215	1543	1937	NA	NA
AMD Athlon X2 235e	1806	1802	NA	NA
AMD Athlon X2 240	1602	1914	NA	NA
AMD Athlon X2 240e	1670	1874	NA	NA
AMD Athlon X2 250	1696	1860	NA	NA
AMD Athlon X2 255	1627	1903	NA	NA
AMD Athlon X2 280	2303	1578	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1910	1749	38.22	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1605	NA	NA
AMD Athlon X2 440	1424	1991	NA	NA
AMD Athlon X2 Dual Core 3250e	783	2354	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2232	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2290	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2166	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 Dual Core BE-2400	1213	2107	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2087	NA	NA
AMD Athlon X2 Dual Core L310	645	2417	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2223	NA	NA
AMD Athlon X3 425	2191	1630	NA	NA
AMD Athlon X3 435	2574	1476	26.96	\$95.49*
AMD Athlon X3 440	2078	1675	23.62	\$87.99*
AMD Athlon X3 445	2314	1573	NA	NA
AMD Athlon X3 450	3064	1314	38.80	\$78.99*
AMD Athlon X3 455	2401	1543	NA	NA
AMD Athlon X4 605e	2505	1506	NA	NA
AMD Athlon X4 620	2861	1386	47.74	\$59.95
AMD Athlon X4 635	2891	1379	23.71	\$121.99*
AMD Athlon X4 640	3172	1274	NA	NA
AMD Athlon X4 740 Quad Core	4019	1055	14.51	\$277.00*
AMD Athlon X4 750 Quad Core	4551	953	NA	NA
AMD Athlon X4 750K Quad Core	4252	1014	55.24	\$76.99*
AMD Athlon X4 760K Quad Core	4593	946	109.41	\$41.98*
AMD Athlon X4 830	4701	920	NA	NA
AMD Athlon X4 840	5058	851	64.24	\$78.74*
AMD Athlon X4 845	5401	795	101.67	\$53.13*
AMD Athlon X4 860K	5415	790	40.13	\$134.95
AMD Athlon X4 870K	5313	813	66.43	\$79.99*
AMD Athlon X4 880K	5550	771	55.51	\$99.99*
AMD Athlon X4 950	5252	819	75.03	\$70.00
AMD Athlon XP1600+	281	2759	NA	NA
AMD Athlon XP1900+	353	2665	NA	NA
AMD Athlon XP2100+	287	2749	NA	NA
AMD Athlon XP2200+	401	2607	NA	NA
AMD Athlon XP2400+	374	2637	NA	NA
AMD Athlon XP 1500	282	2758	NA	NA
AMD Athlon XP 1500+	257	2789	NA	NA
AMD Athlon XP 1600+	267	2779	NA	NA
AMD Athlon XP 1700	344	2675	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 1700+	271	2775	4.43	\$61.25*
AMD Athlon XP 1800+	300	2724	5.10	\$58.95*
AMD Athlon XP 1900+	312	2708	NA	NA
AMD Athlon XP 2000+	299	2725	12.00	\$24.99*
AMD Athlon XP 2100+	323	2691	NA	NA
AMD Athlon XP 2200+	328	2690	3.87	\$84.95*
AMD Athlon XP 2300+	464	2536	NA	NA
AMD Athlon XP 2400+	360	2658	4.01	\$89.99*
AMD Athlon XP 2500+	355	2662	NA	NA
AMD Athlon XP 2600+	372	2642	16.18	\$23.03*
AMD Athlon XP 2700+	393	2619	4.64	\$84.79*
AMD Athlon XP 2800+	400	2609	NA	NA
AMD Athlon XP 2900+	424	2583	NA	NA
AMD Athlon XP 3000+	402	2605	5.06	\$79.70*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 3100+	433	2573	NA	NA
AMD Athlon XP 3200+	431	2575	NA	NA
AMD Athlon XP 3400+	570	2459	NA	NA
AMD Athlon XP Pro3+	367	2649	NA	NA
AMD Athlon XP-M	541	2472	15.48	\$34.95*
AMD C-30	310	2710	NA	NA
AMD C-50	462	2538	NA	NA
AMD C-60	466	2532	NA	NA
AMD C-60 APU	543	2469	NA	NA
AMD C-70 APU	557	2464	NA	NA
AMD E1 Micro-6200T APU	960	2260	NA	NA
AMD E1-1200 APU	655	2414	NA	NA
AMD E1-1500 APU	687	2398	NA	NA
AMD E1-2100 APU	641	2422	NA	NA
AMD E1-2200 APU	767	2358	NA	NA
AMD E1-2500 APU	889	2306	NA	NA
AMD E1-6010 APU	866	2313	NA	NA
AMD E1-6015 APU	900	2302	NA	NA
AMD E1-7010 APU	1009	2222	NA	NA
AMD E2-1800 APU	816	2337	NA	NA
AMD E2-2000 APU	825	2334	NA	NA
AMD E2-3000 APU	1121	2156	NA	NA
AMD E2-3000M APU	1096	2174	54.84	\$20.00*
AMD E2-3200 APU	1387	2005	173.70	\$7.99*
AMD E2-3800 APU	1646	1889	NA	NA
AMD E2-6110 APU	1911	1748	NA	NA
AMD E2-7110 APU	2288	1583	NA	NA
AMD E2-9000	1651	1888	NA	NA
AMD E2-9000e	1344	2030	NA	NA
AMD E2-9010	1705	1852	NA	NA
AMD E2-9030	1515	1951	NA	NA
AMD E-240	319	2697	NA	NA
AMD E-300 APU	610	2434	NA	NA
AMD E-350	745	2371	NA	NA
AMD E-350 APU	757	2365	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E-350D APU	726	2378	NA	NA
AMD E-450 APU	766	2359	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1818	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1669	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2508	1504	NA	NA
AMD Embedded R-Series RX-216GD	2409	1539	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	847	NA	NA
AMD Embedded R-Series RX-421BD	4635	935	NA	NA
AMD EPYC 3201	9634	368	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 7251 8-Core	11811	245	21.93	\$538.65
AMD EPYC 7301	14978	153	17.31	\$865.24
AMD EPYC 7351	18081	89	16.62	\$1,088.00
AMD EPYC 7351P	14887	155	13.27	\$1,121.85
AMD EPYC 7371	22071	37	NA	NA
AMD EPYC 7401P	19555	71	16.30	\$1,199.88
AMD EPYC 7501	18942	79	5.32	\$3,559.56
AMD EPYC 7551	18483	83	5.19	\$3,559.56
AMD EPYC 7551P	18406	85	7.78	\$2,365.07
AMD FirePro A320 APU	4540	959	NA	NA
AMD FX-670K Quad-Core	4550	954	NA	NA
AMD FX-770K Quad-Core	4803	906	NA	NA
AMD FX-870K Quad Core	5021	861	NA	NA
AMD FX-4100 Quad-Core	4072	1048	26.54	\$153.45*
AMD FX-4130 Quad-Core	4163	1032	54.79	\$75.99*
AMD FX-4150 Quad-Core	4594	945	NA	NA
AMD FX-4170 Quad-Core	4865	891	48.66	\$99.99*
AMD FX-4200 Quad-Core	4235	1018	18.56	\$228.21*
AMD FX-4300 Quad-Core	4694	922	75.86	\$61.88
AMD FX-4320	4985	868	NA	NA
AMD FX-4330	5321	812	NA	NA
AMD FX-4350 Quad-Core	5341	807	107.34	\$49.76
AMD FX-6100 Six-Core	5389	797	21.30	\$253.00
AMD FX-6120 Six-Core	5733	749	NA	NA
AMD FX-6130 Six-Core	6215	696	NA	NA
AMD FX-6200 Six-Core	6118	708	18.00	\$339.95
AMD FX-6300 Six-Core	6388	680	60.22	\$106.09
AMD FX-6330 Six-Core	6916	628	NA	NA
AMD FX-6350 Six-Core	7002	617	140.73	\$49.76
AMD FX-7500 APU	3207	1262	NA	NA
AMD FX-7600P	4047	1050	NA	NA
AMD FX-7600P APU	4627	937	NA	NA
AMD FX-8100 Eight-Core	6008	720	42.31	\$142.00*
AMD FX-8120 Eight-Core	6601	661	29.64	\$222.73*
AMD FX-8140 Eight-Core	6133	704	NA	NA
AMD FX-8150 Eight-Core	7633	561	76.37	\$99.95
AMD FX-8300 Eight-Core	7719	551	48.26	\$159.98
AMD FX-8310 Eight-Core	7722	550	NA	NA
AMD FX-8320 Eight-Core	8016	519	53.80	\$149.00
AMD FX-8320E Eight-Core	7550	566	76.95	\$98.12
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8350 Eight-Core	8952	435	82.51	\$108.50
AMD FX-8370 Eight-Core	9036	422	50.21	\$179.99
AMD FX-8370E Eight-Core	7806	541	24.39	\$320.09
AMD FX-8800P	4147	1037	NA	NA
AMD FX-9370 Eight-Core	9443	385	16.14	\$585.00
AMD FX-9590 Eight-Core	10190	312	68.35	\$149.10
AMD FX-9800P	3963	1071	NA	NA
AMD FX-9830P	4773	911	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-B4150 Quad-Core	4611	941	NA	NA
AMD G-T40E	467	2531	NA	NA
AMD G-T40N	516	2490	NA	NA
AMD G-T40R	203	2845	NA	NA
AMD G-T44R	229	2819	NA	NA
AMD G-T48E	667	2408	NA	NA
AMD G-T52R	308	2712	NA	NA
AMD G-T56E	751	2367	NA	NA
AMD G-T56N	795	2349	NA	NA
AMD Geode NX	264	2782	NA	NA
AMD Geode NX 1750	291	2738	NA	NA
AMD GX-210JA SOC	401	2608	NA	NA
AMD GX-212JC SOC	744	2372	NA	NA
AMD GX-217GA SOC	1107	2171	NA	NA
AMD GX-218GL SOC	1207	2111	NA	NA
AMD GX-222GC SOC	1255	2084	NA	NA
AMD GX-412HC	1497	1963	NA	NA
AMD GX-415GA SOC	1944	1732	NA	NA
AMD GX-420CA SOC	2412	1537	NA	NA
AMD GX-424CC SOC	2491	1511	NA	NA
AMD K7	403	2602	NA	NA
AMD Opteron 140	396	2613	0.56	\$710.00*
AMD Opteron 142	428	2579	NA	NA
AMD Opteron 144	486	2513	7.48	\$65.00*
AMD Opteron 146	532	2476	8.87	\$59.99*
AMD Opteron 148	603	2439	NA	NA
AMD Opteron 150	604	2437	NA	NA
AMD Opteron 152	658	2410	NA	NA
AMD Opteron 154	703	2392	NA	NA
AMD Opteron 165	899	2303	1.47	\$610.00*
AMD Opteron 170	1097	2173	NA	NA
AMD Opteron 175	1167	2137	NA	NA
AMD Opteron 180	1236	2095	9.51	\$129.95*
AMD Opteron 185	1342	2032	NA	NA
AMD Opteron 246	632	2425	31.62	\$19.99*
AMD Opteron 248	476	2525	4.77	\$99.95
AMD Opteron 250	649	2415	59.01	\$11.00*
AMD Opteron 252	760	2363	12.00	\$63.36*
AMD Opteron 254	693	2396	NA	NA
AMD Opteron 256	963	2255	50.72	\$19.00*
AMD Opteron 265	963	2256	13.20	\$73.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 270	1170	2133	1.93	\$607.47*
AMD Opteron 275	1291	2059	19.87	\$64.99
AMD Opteron 280	1176	2127	1.48	\$796.67*
AMD Opteron 285	1470	1972	NA	NA
AMD Opteron 290	1464	1974	10.85	\$135.00*
AMD Opteron 1210	923	2285	NA	NA
AMD Opteron 1210 HE	971	2249	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1212	1009	2224	3.48	\$290.00*
AMD Opteron 1212 HE	1308	2047	NA	NA
AMD Opteron 1214	1191	2120	4.11	\$290.00*
AMD Opteron 1214 HE	1299	2053	NA	NA
AMD Opteron 1216	1311	2046	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2131	NA	NA
AMD Opteron 1218	1468	1973	NA	NA
AMD Opteron 1218 HE	1444	1983	NA	NA
AMD Opteron 1220	1653	1887	NA	NA
AMD Opteron 1222	1757	1820	NA	NA
AMD Opteron 1352	2316	1572	17.04	\$135.99*
AMD Opteron 1354	2630	1457	19.49	\$135.00*
AMD Opteron 1356	2765	1417	30.73	\$89.99*
AMD Opteron 1381	3065	1313	NA	NA
AMD Opteron 2212	1270	2077	63.53	\$20.00*
AMD Opteron 2214	1358	2024	46.85	\$29.00*
AMD Opteron 2214 HE	1415	1996	NA	NA
AMD Opteron 2216	1518	1949	58.84	\$25.80
AMD Opteron 2218	1594	1919	19.94	\$79.95
AMD Opteron 2220	1701	1856	21.29	\$79.95
AMD Opteron 2220 SE	1398	2000	55.92	\$25.00*
AMD Opteron 2222	1843	1785	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1743	NA	NA
AMD Opteron 2350	2820	1397	35.28	\$79.95
AMD Opteron 2354	2450	1525	7.38	\$332.03*
AMD Opteron 2356	2814	1400	54.12	\$52.00*
AMD Opteron 2373 EE	2789	1409	NA	NA
AMD Opteron 2374 HE	2951	1350	15.53	\$189.99*
AMD Opteron 2376	2283	1586	13.69	\$166.81*
AMD Opteron 2378	3179	1271	17.76	\$179.00*
AMD Opteron 2380	2640	1454	58.69	\$45.00
AMD Opteron 2384	3538	1174	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1175	NA	NA
AMD Opteron 2393 SE	2246	1608	NA	NA
AMD Opteron 2427	3069	1311	31.00	\$99.00
AMD Opteron 2431	4516	964	112.91	\$40.00*
AMD Opteron 2435	4708	919	24.91	\$189.00
AMD Opteron 3250 HE	2942	1354	29.73	\$99.00*
AMD Opteron 3260 HE	3259	1245	NA	NA
AMD Opteron 3280	5403	794	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1445	NA	NA
AMD Opteron 3350 HE	4009	1058	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 3365	5963	722	NA	NA
AMD Opteron 3380	6384	681	7.89	\$809.00*
AMD Opteron 4122	2942	1355	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1278	NA	NA
AMD Opteron 4170 HE	3664	1143	62.11	\$59.00*
AMD Opteron 4184	4418	982	8.50	\$519.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4280	6430	673	128.60	\$50.00
AMD Opteron 4284	6660	656	111.03	\$59.99*
AMD Opteron 4332 HE	5614	763	NA	NA
AMD Opteron 4334	6099	710	28.18	\$216.42*
AMD Opteron 4365 EE	5025	860	NA	NA
AMD Opteron 4386	6761	644	48.30	\$139.99*
AMD Opteron 6128	4505	965	225.37	\$19.99
AMD Opteron 6134	2938	1356	66.81	\$43.99
AMD Opteron 6136	4631	936	42.10	\$110.00*
AMD Opteron 6164 HE	5351	805	NA	NA
AMD Opteron 6172	5261	817	26.57	\$198.00
AMD Opteron 6174	6171	700	77.19	\$79.95
AMD Opteron 6176 SE	5465	787	34.37	\$159.00*
AMD Opteron 6212	5776	743	192.62	\$29.99*
AMD Opteron 6220	6785	640	113.11	\$59.99*
AMD Opteron 6234	5938	726	198.27	\$29.95*
AMD Opteron 6238	7673	558	21.32	\$359.89*
AMD Opteron 6272	6748	646	84.41	\$79.95
AMD Opteron 6274	4865	892	105.80	\$45.99
AMD Opteron 6276	8889	441	52.60	\$169.00
AMD Opteron 6282 SE	9116	411	70.13	\$129.99*
AMD Opteron 6287 SE	9789	354	NA	NA
AMD Opteron 6328	7813	540	21.76	\$359.00
AMD Opteron 6366 HE	7503	570	250.19	\$29.99*
AMD Opteron 6376	9212	404	141.72	\$65.00
AMD Opteron 6378	9094	415	22.79	\$399.00
AMD Opteron 6380	10081	322	170.88	\$59.00
AMD Opteron 6386 SE	10912	273	72.75	\$149.99*
AMD Opteron 8354	2255	1604	93.98	\$24.00
AMD Opteron 8439 SE	3813	1105	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1315	NA	NA
AMD Opteron X3216 APU	2366	1558	NA	NA
AMD Opteron X3418 APU	4659	927	NA	NA
AMD Opteron X3421 APU	4928	880	NA	NA
AMD Phenom 2 X4 12000	3005	1332	NA	NA
AMD Phenom 7950 Quad-Core	2991	1337	NA	NA
AMD Phenom 8250 Triple-Core	1668	1876	NA	NA
AMD Phenom 8250e Triple-Core	1635	1896	34.81	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1898	NA	NA
AMD Phenom 8450 Triple-Core	1889	1765	63.09	\$29.95*
AMD Phenom 8450e Triple-Core	2026	1695	NA	NA
AMD Phenom 8600 Triple-Core	1673	1873	31.57	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1740	36.33	\$52.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8650 Triple-Core	1989	1709	39.80	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1685	NA	NA
AMD Phenom 8750B Triple-Core	2034	1691	NA	NA
AMD Phenom 8850 Triple-Core	1968	1720	NA	NA
AMD Phenom 8850B Triple-Core	2080	1674	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9100e Quad-Core	1833	1792	45.89	\$39.95*
AMD Phenom 9150e Quad-Core	2113	1658	52.91	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1570	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1466	24.76	\$105.00*
AMD Phenom 9500 Quad-Core	2202	1625	75.98	\$28.99*
AMD Phenom 9550 Quad-Core	2543	1491	87.75	\$28.99*
AMD Phenom 9600 Quad-Core	2301	1580	46.08	\$49.95*
AMD Phenom 9600B Quad-Core	2573	1478	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2636	1456	58.65	\$44.95*
AMD Phenom 9750 Quad-Core	2810	1402	95.31	\$29.49*
AMD Phenom 9750B Quad-Core	2709	1436	NA	NA
AMD Phenom 9850 Quad-Core	2891	1380	24.10	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1283	NA	NA
AMD Phenom 9950 Quad-Core	3009	1329	22.29	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1500	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1353	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1150	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1186	NA	NA
AMD Phenom II N620 Dual-Core	1684	1866	422.27	\$3.99*
AMD Phenom II N640 Dual-Core	1721	1838	26.51	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1781	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1450	NA	NA
AMD Phenom II N830 Triple-Core	1890	1764	NA	NA
AMD Phenom II N850 Triple-Core	1937	1735	77.51	\$25.00*
AMD Phenom II N870 Triple-Core	1999	1706	NA	NA
AMD Phenom II N930 Quad-Core	2274	1591	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1515	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2521	1498	16.81	\$149.99*
AMD Phenom II P650 Dual-Core	1579	1924	45.12	\$35.00*
AMD Phenom II P820 Triple-Core	1602	1915	NA	NA
AMD Phenom II P840 Triple-Core	1709	1848	NA	NA
AMD Phenom II P860 Triple-Core	1756	1822	NA	NA
AMD Phenom II P920 Quad-Core	1866	1774	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1831	1794	NA	NA
AMD Phenom II P960 Quad-Core	2085	1670	74.48	\$28.00*
AMD Phenom II X2 511	2104	1664	NA	NA
AMD Phenom II X2 521	2071	1677	NA	NA
AMD Phenom II X2 545	1916	1744	43.57	\$43.98*
AMD Phenom II X2 550	2021	1696	40.45	\$49.99*
AMD Phenom II X2 555	2041	1688	72.96	\$27.98*
AMD Phenom II X2 560	2061	1682	31.71	\$64.99*
AMD Phenom II X2 565	2225	1619	74.21	\$29.99*
AMD Phenom II X2 570	2068	1679	NA	NA
AMD Phenom II X2 B53	1709	1849	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X2 B55	1921	1742	40.02	\$48.00*
AMD Phenom II X2 B57	1826	1798	NA	NA
AMD Phenom II X2 B59	2118	1656	108.77	\$19.48*
AMD Phenom II X3 700e	2242	1610	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 705e	2227	1616	14.63	\$152.34*
AMD Phenom II X3 710	2446	1526	28.95	\$84.53*
AMD Phenom II X3 715	2649	1453	31.17	\$84.99*
AMD Phenom II X3 720	2669	1446	38.14	\$69.99*
AMD Phenom II X3 740	2985	1338	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1428	36.47	\$75.00*
AMD Phenom II X3 B75	2906	1372	72.69	\$39.99*
AMD Phenom II X3 B77	3067	1312	137.64	\$22.29*
AMD Phenom II X4 805	2998	1333	17.23	\$173.99*
AMD Phenom II X4 810	3122	1294	26.92	\$115.99*
AMD Phenom II X4 820	3396	1209	45.31	\$74.95*
AMD Phenom II X4 830	3434	1200	42.95	\$79.95
AMD Phenom II X4 840	3507	1183	39.00	\$89.95*
AMD Phenom II X4 840T	3598	1156	51.42	\$69.99*
AMD Phenom II X4 850	3549	1169	54.62	\$64.99*
AMD Phenom II X4 900e	2882	1383	NA	NA
AMD Phenom II X4 905e	3078	1309	57.02	\$53.99*
AMD Phenom II X4 910	3252	1250	32.52	\$100.00*
AMD Phenom II X4 910e	3254	1248	20.73	\$156.99*
AMD Phenom II X4 920	3388	1211	42.36	\$79.99*
AMD Phenom II X4 925	3415	1203	77.64	\$43.99*
AMD Phenom II X4 940	3591	1158	60.52	\$59.34*
AMD Phenom II X4 945	3654	1147	56.27	\$64.95
AMD Phenom II X4 955	3922	1082	30.14	\$130.16*
AMD Phenom II X4 960T	3781	1112	59.09	\$63.99*
AMD Phenom II X4 965	4181	1030	49.73	\$84.07
AMD Phenom II X4 970	4318	1004	29.16	\$148.11*
AMD Phenom II X4 973	3759	1120	NA	NA
AMD Phenom II X4 975	4453	971	31.88	\$139.69*
AMD Phenom II X4 977	3750	1123	NA	NA
AMD Phenom II X4 980	4490	968	19.52	\$229.99*
AMD Phenom II X4 8700e	2377	1553	NA	NA
AMD Phenom II X4 B05e	2792	1406	NA	NA
AMD Phenom II X4 B15e	2736	1427	NA	NA
AMD Phenom II X4 B25	3297	1237	NA	NA
AMD Phenom II X4 B35	3383	1215	NA	NA
AMD Phenom II X4 B40	3361	1220	NA	NA
AMD Phenom II X4 B45	3467	1193	NA	NA
AMD Phenom II X4 B50	3697	1136	NA	NA
AMD Phenom II X4 B55	3855	1091	NA	NA
AMD Phenom II X4 B60	4043	1051	NA	NA
AMD Phenom II X4 B65	4172	1031	NA	NA
AMD Phenom II X4 B70	4261	1013	NA	NA
AMD Phenom II X4 B93	3356	1222	NA	NA
AMD Phenom II X4 B95	3684	1141	50.51	\$72.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B97	3863	1089	67.80	\$56.99*
AMD Phenom II X4 B99	4130	1039	NA	NA
AMD Phenom II X6 1035T	4638	932	24.54	\$189.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1045T	4796	909	44.41	\$108.01
AMD Phenom II X6 1055T	4957	875	61.78	\$80.24*
AMD Phenom II X6 1065T	5035	858	NA	NA
AMD Phenom II X6 1075T	5324	809	47.12	\$112.99*
AMD Phenom II X6 1090T	5562	769	14.04	\$396.08*
AMD Phenom II X6 1100T	5707	750	32.16	\$177.49*
AMD Phenom II X6 1405T	5042	856	NA	NA
AMD Phenom II X620 Dual-Core	2189	1631	NA	NA
AMD Phenom II X640 Dual-Core	2021	1697	NA	NA
AMD Phenom II X920 Quad-Core	2650	1452	NA	NA
AMD Phenom II X940 Quad-Core	2695	1439	NA	NA
AMD Phenom Ultra X4 24500	3945	1077	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1858	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1624	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1827	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2125	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1986	NA	NA
AMD Phenom X3 8550	1929	1738	11.35	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1819	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1707	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1614	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1378	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1435	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1441	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2108	NA	NA
AMD PRO A4-3350B APU	2274	1592	NA	NA
AMD PRO A4-8350B	2776	1413	NA	NA
AMD PRO A6-7350B	2759	1420	NA	NA
AMD PRO A6-8500B	2516	1501	NA	NA
AMD PRO A6-8530B	2388	1548	NA	NA
AMD PRO A6-8550B	2970	1345	NA	NA
AMD PRO A6-8570	3049	1322	NA	NA
AMD PRO A6-8570E	2824	1396	NA	NA
AMD PRO A6-9500	2950	1351	39.88	\$74.00*
AMD PRO A6-9500B	2076	1676	NA	NA
AMD PRO A6-9500E	2717	1434	36.73	\$74.00*
AMD PRO A8-8600B	3513	1182	NA	NA
AMD PRO A8-8650B	5248	820	NA	NA
AMD PRO A8-8670E	5015	862	NA	NA
AMD PRO A8-9600	5277	815	44.35	\$119.00*
AMD PRO A8-9600B	3964	1069	NA	NA
AMD PRO A10-8700B	3562	1167	NA	NA
AMD PRO A10-8730B	3971	1066	NA	NA
AMD PRO A10-8750B	5473	781	NA	NA
AMD PRO A10-8770	5707	751	NA	NA
AMD PRO A10-8770E	5035	859	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A10-8850B	5852	735	NA	NA
AMD PRO A10-9700	5677	756	33.59	\$169.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A10-9700B	4380	988	NA	NA
AMD PRO A10-9700E	5066	848	36.45	\$139.00*
AMD PRO A12-8800B	4111	1042	NA	NA
AMD PRO A12-8830B	4315	1005	NA	NA
AMD PRO A12-8870	6067	715	NA	NA
AMD PRO A12-8870E	5186	831	NA	NA
AMD PRO A12-9800	6132	705	36.29	\$169.00*
AMD PRO A12-9800B	4124	1041	NA	NA
AMD PRO A12-9800E	4769	912	28.22	\$169.00*
AMD QC-4000	1663	1882	NA	NA
AMD R-260H APU	1576	1925	NA	NA
AMD R-460L APU	1954	1726	NA	NA
AMD R-464L APU	3117	1296	NA	NA
AMD RX-427BB	4351	995	NA	NA
AMD Ryzen 3 1200	6737	648	112.30	\$59.99
AMD Ryzen 3 1300X	7517	568	58.19	\$129.18
AMD Ryzen 3 2200G	7314	592	91.44	\$79.99
AMD Ryzen 3 2200GE	6913	629	NA	NA
AMD Ryzen 3 2200U	4577	949	NA	NA
AMD Ryzen 3 2300U	6144	703	NA	NA
AMD Ryzen 3 2300X	8491	474	NA	NA
AMD Ryzen 3 3200G	7928	530	80.09	\$99.00
AMD Ryzen 3 3200U	4915	883	NA	NA
AMD Ryzen 3 PRO 1200	7069	612	NA	NA
AMD Ryzen 3 PRO 1300	8022	517	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	837	NA	NA
AMD Ryzen 3 PRO 2200G	7984	525	NA	NA
AMD Ryzen 3 PRO 2200GE	7613	562	NA	NA
AMD Ryzen 3 PRO 2300U	7107	609	NA	NA
AMD Ryzen 3 PRO 3200GE	8147	502	NA	NA
AMD Ryzen 3 PRO 3300U	6888	633	NA	NA
AMD Ryzen 5 1400	8369	482	58.20	\$143.81
AMD Ryzen 5 1500X	10076	323	72.41	\$139.16
AMD Ryzen 5 1600	12285	231	117.02	\$104.99
AMD Ryzen 5 1600X	13201	203	88.02	\$149.99
AMD Ryzen 5 2400G	9316	394	75.20	\$123.89
AMD Ryzen 5 2400GE	8808	447	NA	NA
AMD Ryzen 5 2500U	7357	588	NA	NA
AMD Ryzen 5 2500X	9663	367	NA	NA
AMD Ryzen 5 2600	13501	200	101.52	\$133.00
AMD Ryzen 5 2600H	8366	483	NA	NA
AMD Ryzen 5 2600X	14378	168	95.86	\$149.99
AMD Ryzen 5 3400G	9839	349	65.60	\$149.99
AMD Ryzen 5 3500U	8117	509	NA	NA
AMD Ryzen 5 3550H	8495	473	NA	NA
AMD Ryzen 5 3600	20049	59	100.25	\$199.99
AMD Ryzen 5 3600X	20466	54	85.63	\$239.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 PRO 1500	10133	316	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 PRO 1600	12213	234	NA	NA
AMD Ryzen 5 PRO 2400G	9938	337	NA	NA
AMD Ryzen 5 PRO 2400GE	8561	469	NA	NA
AMD Ryzen 5 PRO 2500U	8334	486	NA	NA
AMD Ryzen 5 PRO 2600	14221	174	NA	NA
AMD Ryzen 5 PRO 3500U	7959	529	NA	NA
AMD Ryzen 5 PRO 3600	21037	52	NA	NA
AMD Ryzen 7 1700	13773	189	49.20	\$279.95
AMD Ryzen 7 1700X	14681	159	89.52	\$163.99
AMD Ryzen 7 1800X	15420	141	61.44	\$250.99
AMD Ryzen 7 2700	15003	151	77.76	\$192.96
AMD Ryzen 7 2700U	7403	583	NA	NA
AMD Ryzen 7 2700X	16965	101	68.44	\$247.87
AMD Ryzen 7 2800H	8498	472	NA	NA
AMD Ryzen 7 3700U	8107	511	NA	NA
AMD Ryzen 7 3700X	23910	26	58.32	\$409.99
AMD Ryzen 7 3750H	9027	424	NA	NA
AMD Ryzen 7 3800X	24648	20	61.62	\$399.99
AMD Ryzen 7 PRO 1700	14171	176	NA	NA
AMD Ryzen 7 PRO 1700X	15324	145	NA	NA
AMD Ryzen 7 PRO 2700	15406	142	NA	NA
AMD Ryzen 7 PRO 2700U	8819	446	NA	NA
AMD Ryzen 7 PRO 2700X	17161	99	NA	NA
AMD Ryzen 7 PRO 3700U	8002	521	NA	NA
AMD Ryzen 9 3900X	31866	1	35.02	\$909.99
AMD Ryzen Embedded R1505G	4889	888	NA	NA
AMD Ryzen Embedded V1202B	4368	991	NA	NA
AMD Ryzen Embedded V1605B	6845	635	NA	NA
AMD Ryzen Embedded V1807B	8604	466	NA	NA
AMD Ryzen Threadripper 1900X	16089	126	73.14	\$219.99
AMD Ryzen Threadripper 1920X	19694	66	70.84	\$278.00
AMD Ryzen Threadripper 1950X	21853	39	46.50	\$469.99
AMD Ryzen Threadripper 2920X	22097	36	58.37	\$378.61
AMD Ryzen Threadripper 2950X	25543	13	40.49	\$630.80
AMD Ryzen Threadripper 2970WX	21688	42	23.04	\$941.44
AMD Ryzen Threadripper 2990WX	23034	31	13.55	\$1,699.99
AMD Ryzen Threadripper 2990X	19227	77	NA	NA
AMD Sempron 130	656	2413	26.29	\$24.99*
AMD Sempron 140	738	2374	18.64	\$39.59*
AMD Sempron 145	807	2346	8.51	\$94.92
AMD Sempron 150	707	2387	15.74	\$44.95*
AMD Sempron 200U	267	2778	3.08	\$87.00*
AMD Sempron 210U	391	2624	NA	NA
AMD Sempron 240	2110	1661	36.39	\$58.00
AMD Sempron 2100+	392	2622	NA	NA
AMD Sempron 2200+	281	2762	9.38	\$29.99*
AMD Sempron 2300+	318	2699	7.07	\$45.00*
AMD Sempron 2400+	314	2706	12.10	\$26.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2500+	335	2682	6.11	\$54.95
AMD Sempron 2600+	373	2639	10.70	\$34.95
AMD Sempron 2650 APU	947	2270	17.66	\$53.68
AMD Sempron 2800+	383	2628	6.40	\$59.95
AMD Sempron 3000+	408	2595	20.41	\$20.00
AMD Sempron 3100+	452	2549	7.53	\$60.00*
AMD Sempron 3200+	406	2596	3.10	\$131.22*
AMD Sempron 3300+	484	2518	8.07	\$60.00
AMD Sempron 3400+	454	2547	3.47	\$131.22*
AMD Sempron 3500+	379	2631	18.98	\$20.00*
AMD Sempron 3600+	483	2520	40.30	\$12.00*
AMD Sempron 3800+	554	2465	3.62	\$152.92*
AMD Sempron 3850 APU	1715	1843	21.09	\$81.37
AMD Sempron Dual Core 2100	936	2277	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2235	NA	NA
AMD Sempron Dual Core 2300	982	2243	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2269	NA	NA
AMD Sempron Dual Core 4900	1081	2186	NA	NA
AMD Sempron LE-250	490	2507	NA	NA
AMD Sempron LE-1100	438	2566	NA	NA
AMD Sempron LE-1150	444	2557	NA	NA
AMD Sempron LE-1200	528	2479	NA	NA
AMD Sempron LE-1250	543	2470	5.44	\$99.95*
AMD Sempron LE-1300	598	2441	28.51	\$21.00
AMD Sempron LE-1600	535	2475	NA	NA
AMD Sempron LE-1620	635	2423	NA	NA
AMD Sempron LE-1640	759	2364	NA	NA
AMD Sempron M100	566	2461	47.17	\$12.00*
AMD Sempron M120	582	2450	NA	NA
AMD Sempron SI-40	443	2559	36.93	\$12.00*
AMD Sempron SI-42	456	2546	15.22	\$30.01*
AMD Sempron X2 180	1222	2103	17.62	\$69.40*
AMD Sempron X2 190	1512	1955	18.12	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1997	NA	NA
AMD Turion 64 Mobile MK-36	465	2533	NA	NA
AMD Turion 64 Mobile MK-38	513	2491	NA	NA
AMD Turion 64 Mobile ML-28	390	2625	NA	NA
AMD Turion 64 Mobile ML-30	402	2606	NA	NA
AMD Turion 64 Mobile ML-32	402	2604	NA	NA
AMD Turion 64 Mobile ML-34	425	2582	NA	NA
AMD Turion 64 Mobile ML-37	442	2560	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2485	NA	NA
AMD Turion 64 Mobile ML-42	615	2432	NA	NA
AMD Turion 64 Mobile ML-44	591	2443	NA	NA
AMD Turion 64 Mobile MT-28	419	2584	NA	NA
AMD Turion 64 Mobile MT-30	378	2632	NA	NA
AMD Turion 64 Mobile MT-32	426	2581	NA	NA
AMD Turion 64 Mobile MT-34	429	2577	NA	NA
AMD Turion 64 Mobile MT-37	484	2517	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile MT-40	536	2474	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2370	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2360	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2305	63.89	\$13.95*
AMD Turion 64 X2 Mobile TL-58	947	2272	NA	NA
AMD Turion 64 X2 Mobile TL-60	996	2234	62.48	\$15.95*
AMD Turion 64 X2 Mobile TL-62	1087	2180	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1090	2178	27.69	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2153	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2139	12.92	\$90.00*
AMD Turion Dual-Core RM-70	912	2295	36.49	\$25.00*
AMD Turion Dual-Core RM-72	860	2314	21.52	\$39.99*
AMD Turion Dual-Core RM-74	1016	2220	NA	NA
AMD Turion Dual-Core RM-75	977	2245	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1294	2057	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2049	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	2036	NA	NA
AMD Turion II N530 Dual-Core	1583	1923	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1944	NA	NA
AMD Turion II Neo K625 Dual-Core	975	2247	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2122	NA	NA
AMD Turion II Neo N40L Dual-Core	925	2284	NA	NA
AMD Turion II Neo N54L Dual-Core	1364	2018	NA	NA
AMD Turion II P520 Dual-Core	1359	2023	NA	NA
AMD Turion II P540 Dual-Core	1430	1990	28.65	\$49.95*
AMD Turion II P560 Dual-Core	1514	1953	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	1998	52.55	\$26.76*
AMD Turion II Ultra Dual-Core Mobile M620	1435	1987	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1875	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1942	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2342	NA	NA
AMD Turion X2 Dual Core L510	923	2287	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2315	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2196	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	991	2239	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2183	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2195	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1120	2157	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2147	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1017	2219	16.42	\$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2184	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2109	63.72	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2096	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	2056	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1232	2098	30.86	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2233	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2212	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1977	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD V105	299	2726	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD V120	623	2430	NA	NA
AMD V140	643	2420	12.89	\$49.95*
AMD V160	677	2404	NA	NA
AMD Z-01	523	2484	NA	NA
AMD Z-60 APU	500	2502	NA	NA
AMD-K6 3D	90	2902	NA	NA
AMD-K6-III	108	2899	NA	NA
AMD-K7	403	2603	NA	NA
Athlon 64 Dual Core 3800+	1234	2097	NA	NA
Athlon 64 Dual Core 4200+	1156	2143	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	2015	NA	NA
Athlon 64 Dual Core 5000+	1507	1956	NA	NA
Athlon 64 Dual Core 5400+	1614	1907	NA	NA
Athlon 64 Dual Core 5600+	1548	1935	NA	NA
Athlon Dual Core 4050e	968	2252	NA	NA
Athlon Dual Core 4450e	1204	2113	NA	NA
Athlon Dual Core 4850e	1346	2028	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1390	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1085	2182	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1170	2132	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1201	2116	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	2074	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2112	NA	NA
HP Hexa-Core 2.0GHz	2178	1633	4.32	\$504.27*
Intel 2.80GHz	525	2482	NA	NA
Intel 1300 @ 1.66GHz	857	2317	NA	NA
Intel 1400 @ 1.83GHz	980	2244	NA	NA
Intel 1500 @ 2.00GHz	1024	2214	NA	NA
Intel Atom 230 @ 1.60GHz	307	2713	NA	NA
Intel Atom 330 @ 1.60GHz	587	2447	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2304	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2259	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1671	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1601	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1637	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	1107	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1224	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1281	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1523	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1492	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	898	14.62	\$332.00*
Intel Atom D410 @ 1.66GHz	301	2722	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2674	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2412	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2388	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2601	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2402	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D2560 @ 2.00GHz	711	2384	NA	NA
Intel Atom D2700 @ 2.13GHz	839	2327	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D2701 @ 2.13GHz	720	2381	NA	NA
Intel Atom E660 @ 1.30GHz	271	2774	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2671	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2687	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2452	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2508	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2323	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2140	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	1958	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1773	NA	NA
Intel Atom E3950 @ 1.60GHz	1872	1772	NA	NA
Intel Atom K510 @ 1.66GHz	658	2411	NA	NA
Intel Atom N270 @ 1.60GHz	270	2777	NA	NA
Intel Atom N280 @ 1.66GHz	282	2756	NA	NA
Intel Atom N435 @ 1.33GHz	261	2785	NA	NA
Intel Atom N450 @ 1.66GHz	296	2733	NA	NA
Intel Atom N455 @ 1.66GHz	283	2754	NA	NA
Intel Atom N470 @ 1.83GHz	318	2698	NA	NA
Intel Atom N475 @ 1.83GHz	314	2704	NA	NA
Intel Atom N550 @ 1.50GHz	524	2483	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	572	2457	6.66	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2718	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2480	NA	NA
Intel Atom N2800 @ 1.86GHz	624	2429	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2292	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1689	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2343	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1607	1910	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1193	2118	8.98	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1015	2221	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1270	2078	60.50	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1693	1863	27.07	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1832	1793	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1895	1757	25.74	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1894	1758	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2853	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2829	NA	NA
Intel Atom Z520 @ 1.33GHz	217	2830	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2761	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2668	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2629	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2809	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2460	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2293	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2281	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2300	5.01	\$181.30*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3735G @ 1.33GHz	906	2301	NA	NA
Intel Atom Z3736F @ 1.33GHz	919	2291	NA	NA
Intel Atom Z3740 @ 1.33GHz	1061	2194	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3740D @ 1.33GHz	1025	2213	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2188	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1034	2208	NA	NA
Intel Atom Z3770 @ 1.46GHz	1245	2093	8.34	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2347	NA	NA
Intel Atom Z3775 @ 1.46GHz	1260	2081	36.00	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2071	NA	NA
Intel Atom Z3795 @ 1.60GHz	1774	1813	NA	NA
Intel Celeron 1.70GHz	130	2892	NA	NA
Intel Celeron 1.80GHz	136	2889	NA	NA
Intel Celeron 2.00GHz	182	2865	NA	NA
Intel Celeron 2.10GHz	244	2807	NA	NA
Intel Celeron 2.13GHz	208	2840	NA	NA
Intel Celeron 2.20GHz	213	2835	NA	NA
Intel Celeron 2.26GHz	223	2824	NA	NA
Intel Celeron 2.30GHz	227	2821	NA	NA
Intel Celeron 2.40GHz	217	2831	NA	NA
Intel Celeron 2.50GHz	247	2801	NA	NA
Intel Celeron 2.53GHz	245	2805	NA	NA
Intel Celeron 2.60GHz	238	2812	NA	NA
Intel Celeron 2.66GHz	250	2798	NA	NA
Intel Celeron 2.70GHz	245	2806	NA	NA
Intel Celeron 2.80GHz	254	2791	NA	NA
Intel Celeron 2.93GHz	283	2753	NA	NA
Intel Celeron 3.06GHz	284	2750	NA	NA
Intel Celeron 3.20GHz	288	2743	NA	NA
Intel Celeron 3.33GHz	333	2685	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2693	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2695	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2551	11.27	\$39.99*
Intel Celeron 430 @ 1.80GHz	487	2509	10.34	\$47.18
Intel Celeron 440 @ 2.00GHz	548	2466	18.28	\$29.99
Intel Celeron 450 @ 2.20GHz	625	2428	20.86	\$29.99*
Intel Celeron 530 @ 1.73GHz	471	2529	20.49	\$22.99*
Intel Celeron 540 @ 1.86GHz	521	2486	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2488	7.96	\$64.95
Intel Celeron 560 @ 2.13GHz	531	2477	6.65	\$79.95
Intel Celeron 570 @ 2.26GHz	517	2487	NA	NA
Intel Celeron 600MHz	147	2885	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2599	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2576	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2368	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2646	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2433	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2278	2.97	\$315.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 847E @ 1.10GHz	1021	2217	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2150	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2130	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	2060	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 887 @ 1.50GHz	1280	2070	NA	NA
Intel Celeron 900 @ 2.20GHz	677	2405	23.36	\$28.99
Intel Celeron 925 @ 2.30GHz	691	2397	NA	NA
Intel Celeron 1000M @ 1.80GHz	1675	1871	NA	NA
Intel Celeron 1000MHz	213	2834	NA	NA
Intel Celeron 1005M @ 1.90GHz	1809	1801	NA	NA
Intel Celeron 1007U @ 1.50GHz	1389	2004	7.51	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1513	1954	NA	NA
Intel Celeron 1019Y @ 1.00GHz	946	2273	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1615	NA	NA
Intel Celeron 1037U @ 1.80GHz	1736	1833	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2121	NA	NA
Intel Celeron 1066MHz	259	2787	NA	NA
Intel Celeron 1100MHz	174	2871	NA	NA
Intel Celeron 1133MHz	282	2755	NA	NA
Intel Celeron 1200MHz	244	2808	NA	NA
Intel Celeron 1300MHz	288	2745	NA	NA
Intel Celeron 1333MHz	290	2739	NA	NA
Intel Celeron 1400MHz	302	2719	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1559	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1911	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1984	1713	NA	NA
Intel Celeron 2955U @ 1.40GHz	1417	1994	NA	NA
Intel Celeron 2957U @ 1.40GHz	1434	1988	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2165	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1574	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1920	NA	NA
Intel Celeron 2981U @ 1.60GHz	1447	1982	NA	NA
Intel Celeron 3205U @ 1.50GHz	1499	1961	5.22	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1641	1892	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1855	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1708	NA	NA
Intel Celeron 3855U @ 1.60GHz	1686	1865	NA	NA
Intel Celeron 3865U @ 1.80GHz	1906	1752	NA	NA
Intel Celeron 3867U @ 1.80GHz	1843	1786	17.23	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1913	1746	NA	NA
Intel Celeron 3965U @ 2.20GHz	2353	1561	22.00	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1629	1900	15.23	\$107.00*
Intel Celeron 4205U @ 1.80GHz	1953	1728	18.25	\$107.00*
Intel Celeron @ 1.30GHz	965	2253	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2859	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2340	NA	NA
Intel Celeron B800 @ 1.50GHz	1278	2073	NA	NA
Intel Celeron B810 @ 1.60GHz	1395	2002	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron B815 @ 1.60GHz	1365	2017	NA	NA
Intel Celeron B820 @ 1.70GHz	1431	1989	36.44	\$39.29*
Intel Celeron B830 @ 1.80GHz	1515	1952	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1840	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2776	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron D 352 @ 3.20GHz	302	2720	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2701	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2681	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2600	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2521	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2448	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2316	7.80	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1048	2201	14.98	\$69.99
Intel Celeron E1500 @ 2.20GHz	1169	2134	59.51	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2083	NA	NA
Intel Celeron E3200 @ 2.40GHz	1383	2008	26.62	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1387	2006	23.13	\$59.99
Intel Celeron E3400 @ 2.60GHz	1440	1984	2.36	\$610.00*
Intel Celeron E3500 @ 2.70GHz	1454	1976	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	694	2394	13.90	\$49.99*
Intel Celeron G460 @ 1.80GHz	1035	2207	15.93	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2192	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2054	NA	NA
Intel Celeron G530 @ 2.40GHz	2132	1648	53.32	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1842	NA	NA
Intel Celeron G540 @ 2.50GHz	2196	1629	48.82	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1657	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1582	28.63	\$80.00
Intel Celeron G550T @ 2.20GHz	2063	1681	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1534	22.23	\$109.00
Intel Celeron G1101 @ 2.27GHz	1667	1878	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2489	1512	52.97	\$47.00
Intel Celeron G1610T @ 2.30GHz	2270	1596	56.72	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2577	1475	39.65	\$64.99
Intel Celeron G1620T @ 2.40GHz	2353	1564	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1510	35.63	\$69.99
Intel Celeron G1820 @ 2.70GHz	2753	1423	34.43	\$79.99
Intel Celeron G1820T @ 2.40GHz	2496	1509	59.44	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1649	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1490	26.80	\$94.95
Intel Celeron G1840 @ 2.80GHz	2859	1387	31.78	\$90.00
Intel Celeron G1840T @ 2.50GHz	2554	1485	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1367	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3139	1289	56.30	\$55.77
Intel Celeron G3900E @ 2.40GHz	2679	1444	NA	NA
Intel Celeron G3900T @ 2.60GHz	2925	1363	26.01	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1469	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1293	27.40	\$113.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3930 @ 2.90GHz	3034	1323	59.31	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1416	41.96	\$65.93*
Intel Celeron G3930TE @ 2.70GHz	2970	1346	NA	NA
Intel Celeron G3950 @ 3.00GHz	3049	1321	42.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3282	1241	58.91	\$55.73
Intel Celeron G4900T @ 2.90GHz	3096	1302	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G4920 @ 3.20GHz	3192	1268	41.74	\$76.50*
Intel Celeron J1750 @ 2.41GHz	1037	2206	NA	NA
Intel Celeron J1800 @ 2.41GHz	1030	2210	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1905	NA	NA
Intel Celeron J1900 @ 1.99GHz	1839	1789	NA	NA
Intel Celeron J3060 @ 1.60GHz	970	2251	NA	NA
Intel Celeron J3160 @ 1.60GHz	1793	1807	NA	NA
Intel Celeron J3355 @ 2.00GHz	1168	2135	NA	NA
Intel Celeron J3455 @ 1.50GHz	2112	1660	5.28	\$399.99
Intel Celeron J4005 @ 2.00GHz	1541	1938	10.97	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2637	1455	24.65	\$107.00*
Intel Celeron M 1.00GHz	207	2841	16.60	\$12.49
Intel Celeron M 1.30GHz	316	2700	NA	NA
Intel Celeron M 1.50GHz	343	2676	NA	NA
Intel Celeron M 1.60GHz	364	2655	NA	NA
Intel Celeron M 1.70GHz	393	2621	NA	NA
Intel Celeron M 360 1.40GHz	328	2689	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2702	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2678	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2648	NA	NA
Intel Celeron M 440 @ 1.86GHz	395	2614	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2793	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2552	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2574	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2537	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2471	NA	NA
Intel Celeron M 600MHz	151	2883	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2545	NA	NA
Intel Celeron M 900MHz	204	2843	NA	NA
Intel Celeron M 1200MHz	275	2771	NA	NA
Intel Celeron M 1300MHz	303	2716	NA	NA
Intel Celeron M 1500MHz	333	2686	NA	NA
Intel Celeron M ULV 800MHz	184	2863	NA	NA
Intel Celeron N2805 @ 1.46GHz	460	2542	NA	NA
Intel Celeron N2806 @ 1.60GHz	796	2348	NA	NA
Intel Celeron N2807 @ 1.58GHz	856	2318	NA	NA
Intel Celeron N2808 @ 1.58GHz	908	2299	NA	NA
Intel Celeron N2810 @ 2.00GHz	787	2353	5.62	\$139.99*
Intel Celeron N2815 @ 1.86GHz	850	2322	NA	NA
Intel Celeron N2820 @ 2.13GHz	923	2286	4.40	\$209.99
Intel Celeron N2830 @ 2.16GHz	955	2264	NA	NA
Intel Celeron N2840 @ 2.16GHz	1002	2227	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2910 @ 1.60GHz	1203	2114	NA	NA
Intel Celeron N2920 @ 1.86GHz	1500	1960	NA	NA
Intel Celeron N2930 @ 1.83GHz	1628	1901	NA	NA
Intel Celeron N2940 @ 1.83GHz	1730	1835	NA	NA
Intel Celeron N3000 @ 1.04GHz	909	2297	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2254	NA	NA
Intel Celeron N3050 @ 1.60GHz	878	2307	5.80	\$151.47
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N3060 @ 1.60GHz	990	2240	NA	NA
Intel Celeron N3150 @ 1.60GHz	1656	1884	NA	NA
Intel Celeron N3160 @ 1.60GHz	1664	1880	5.38	\$309.19
Intel Celeron N3350 @ 1.10GHz	1111	2163	NA	NA
Intel Celeron N3450 @ 1.10GHz	1843	1784	10.96	\$168.31
Intel Celeron N4000 @ 1.10GHz	1436	1985	13.42	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2265	1598	21.17	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1119	2158	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2237	NA	NA
Intel Celeron P4600 @ 2.00GHz	1338	2034	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2357	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2268	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2197	35.29	\$29.99*
Intel Celeron U1900 @ 1.99GHz	1704	1854	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2379	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2399	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2345	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1050	2200	6.57	\$159.95*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2142	23.15	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1270	2075	17.84	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1384	2007	8.77	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	1968	54.88	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1108	2167	85.34	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2123	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1288	2062	43.03	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1361	2020	27.24	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	1979	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1962	100.24	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1553	1934	103.66	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1862	56.47	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1714	1844	166.49	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1946	1731	38.94	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1628	1902	33.23	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1725	1837	43.26	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1769	1815	61.04	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1769	125.07	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1965	1721	16.38	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1556	1932	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1761	1817	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1884	1767	37.69	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1724	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8290 @ 2.83GHz	2353	1562	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1989	1710	99.53	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1782	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1652	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2149	1643	47.24	\$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2127	1653	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2281	1587	57.06	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2400	1544	56.54	\$42.45*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8700 @ 3.50GHz	2212	1622	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2362	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2400	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2336	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2324	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	959	2261	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2248	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2159	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1074	2191	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1345	2029	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	2061	64.48	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1307	2048	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	1995	35.43	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2275	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1948	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1452	1978	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2216	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1454	1975	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1941	31.24	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1904	42.77	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1830	30.57	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1930	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1753	1825	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1754	1823	17.72	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1864	1777	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2015	1699	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2446	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2088	4.95	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1677	1870	5.91	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	925	2282	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	832	2331	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	838	2330	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2341	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	932	2279	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2294	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2298	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2288	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1038	2205	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2211	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	993	2238	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5750 @ 2.00GHz	1094	2177	109.58	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1116	2161	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1200	2117	75.48	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1150	2146	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1208	2110	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2101	81.82	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1285	2066	85.77	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1258	2082	32.69	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1361	2021	72.02	\$18.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T6670 @ 2.20GHz	1360	2022	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1018	2218	46.32	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	2136	11.68	\$99.95
Intel Core2 Duo T7250 @ 2.00GHz	1116	2160	5.54	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1193	2119	38.51	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1251	2089	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1270	2076	29.56	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1378	2012	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1423	1992	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1597	1918	2.63	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1297	2055	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1472	1970	13.52	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1673	1872	28.86	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1738	1832	24.86	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1797	1805	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1805	1803	6.04	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1739	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2016	1698	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2132	1647	5.35	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	874	2310	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2444	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2407	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2393	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	855	2320	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1128	2155	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1864	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1145	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3632	1149	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1195	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1873	1771	7.11	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1804	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2038	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1867	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1760	4.62	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2068	1678	2.43	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4156	1034	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	966	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	939	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	931	2.57	\$1,805.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q6600 @ 2.40GHz	2948	1352	73.75	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3282	1242	72.95	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2810	1403	122.24	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2979	1340	59.61	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3161	1282	13.18	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2525	1493	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1252	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3159	1285	15.84	\$199.50*
Intel Core2 Quad Q9400 @ 2.66GHz	3340	1228	69.55	\$48.03*
Intel Core2 Quad Q9450 @ 2.66GHz	3757	1121	105.25	\$35.70*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9500 @ 2.83GHz	3522	1179	100.68	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3539	1173	18.63	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3963	1070	89.09	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4160	1033	37.84	\$109.95
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1075	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2659	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2709	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2586	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	464	2534	NA	NA
Intel Core 330 @ 1.60GHz	643	2419	NA	NA
Intel Core 860 @ 2.80GHz	4555	952	26.96	\$169.00*
Intel Core Duo L2300 @ 1.50GHz	719	2382	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2390	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2369	NA	NA
Intel Core Duo T2050 @ 1.60GHz	694	2395	NA	NA
Intel Core Duo T2250 @ 1.73GHz	754	2366	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2377	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2361	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2350	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2335	NA	NA
Intel Core Duo T2500 @ 2.00GHz	867	2312	7.23	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2276	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2215	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2468	NA	NA
Intel Core Duo U2500 @ 1.20GHz	511	2494	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1736	NA	NA
Intel Core i3-330M @ 2.13GHz	1785	1810	11.16	\$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2190	NA	NA
Intel Core i3-350M @ 2.27GHz	1891	1761	17.36	\$108.95*
Intel Core i3-370M @ 2.40GHz	2014	1700	50.42	\$39.96*
Intel Core i3-380M @ 2.53GHz	2092	1667	9.97	\$209.95*
Intel Core i3-380UM @ 1.33GHz	1157	2141	NA	NA
Intel Core i3-390M @ 2.67GHz	2179	1632	55.97	\$38.95*
Intel Core i3-530 @ 2.93GHz	2565	1481	13.58	\$189.00*
Intel Core i3-540 @ 3.07GHz	2687	1443	20.67	\$129.99
Intel Core i3-550 @ 3.20GHz	2829	1393	16.10	\$175.74
Intel Core i3-560 @ 3.33GHz	2934	1357	16.31	\$179.95*
Intel Core i3-2100 @ 3.10GHz	3691	1139	67.12	\$54.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2100T @ 2.50GHz	2962	1349	49.39	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1126	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3712	1134	32.29	\$114.99*
Intel Core i3-2120 @ 3.30GHz	3930	1080	56.14	\$70.00
Intel Core i3-2120T @ 2.60GHz	3164	1280	126.65	\$24.99
Intel Core i3-2125 @ 3.30GHz	4012	1057	19.38	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4073	1047	35.42	\$114.99
Intel Core i3-2140 @ 3.50GHz	4325	1001	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1389	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2432	1531	54.06	\$44.99*
Intel Core i3-2312M @ 2.10GHz	2374	1554	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2328M @ 2.20GHz	2545	1488	27.38	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1310	NA	NA
Intel Core i3-2330M @ 2.20GHz	2524	1494	50.55	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1551	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1839	NA	NA
Intel Core i3-2348M @ 2.30GHz	2621	1460	NA	NA
Intel Core i3-2350M @ 2.30GHz	2629	1458	18.79	\$139.95*
Intel Core i3-2357M @ 1.30GHz	1556	1933	NA	NA
Intel Core i3-2365M @ 1.40GHz	1677	1869	NA	NA
Intel Core i3-2367M @ 1.40GHz	1708	1851	NA	NA
Intel Core i3-2370M @ 2.40GHz	2777	1412	69.77	\$39.81
Intel Core i3-2375M @ 1.50GHz	1769	1814	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1797	NA	NA
Intel Core i3-3110M @ 2.40GHz	3081	1307	38.55	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3225	1258	29.32	\$110.00*
Intel Core i3-3130M @ 2.60GHz	3384	1213	NA	NA
Intel Core i3-3210 @ 3.20GHz	4041	1052	20.31	\$199.00
Intel Core i3-3217U @ 1.80GHz	2301	1579	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1640	NA	NA
Intel Core i3-3220 @ 3.30GHz	4243	1016	77.18	\$54.99
Intel Core i3-3220T @ 2.80GHz	3693	1137	29.55	\$125.00
Intel Core i3-3225 @ 3.30GHz	4344	997	13.37	\$324.99
Intel Core i3-3227U @ 1.90GHz	2467	1519	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1857	NA	NA
Intel Core i3-3240 @ 3.40GHz	4318	1003	86.37	\$50.00
Intel Core i3-3240T @ 2.90GHz	3655	1146	NA	NA
Intel Core i3-3245 @ 3.40GHz	4444	975	25.84	\$172.01
Intel Core i3-3250 @ 3.50GHz	4447	973	46.82	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1151	NA	NA
Intel Core i3-4000M @ 2.40GHz	3256	1247	16.29	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2443	1527	NA	NA
Intel Core i3-4010U @ 1.70GHz	2440	1529	8.45	\$289.00
Intel Core i3-4010Y @ 1.30GHz	1900	1755	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2164	1639	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2212	1623	NA	NA
Intel Core i3-4025U @ 1.90GHz	2787	1410	NA	NA
Intel Core i3-4030U @ 1.90GHz	2718	1433	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4030Y @ 1.60GHz	2507	1505	NA	NA
Intel Core i3-4100M @ 2.50GHz	3421	1201	15.65	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	1086	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1376	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1320	NA	NA
Intel Core i3-4130 @ 3.40GHz	4805	904	53.40	\$90.00
Intel Core i3-4130T @ 2.90GHz	4147	1036	46.61	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4899	887	49.49	\$99.00
Intel Core i3-4150T @ 3.00GHz	4237	1017	18.43	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1364	NA	NA
Intel Core i3-4160 @ 3.60GHz	5053	853	46.36	\$109.00
Intel Core i3-4160T @ 3.10GHz	4452	972	29.69	\$149.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4170 @ 3.70GHz	5191	828	19.97	\$259.95
Intel Core i3-4170T @ 3.20GHz	4545	958	21.65	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5086	840	26.71	\$190.42
Intel Core i3-4330T @ 3.00GHz	4485	970	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1264	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	822	27.59	\$189.99
Intel Core i3-4350 @ 3.60GHz	4990	866	29.36	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	1008	NA	NA
Intel Core i3-4360 @ 3.70GHz	5461	788	21.09	\$259.00
Intel Core i3-4360T @ 3.20GHz	4636	933	NA	NA
Intel Core i3-4370 @ 3.80GHz	5613	765	18.17	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4870	889	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	878	NA	NA
Intel Core i3-5005U @ 2.00GHz	2909	1368	NA	NA
Intel Core i3-5010U @ 2.10GHz	3057	1316	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	2992	1336	NA	NA
Intel Core i3-5020U @ 2.20GHz	3202	1263	6.98	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3663	1144	NA	NA
Intel Core i3-6006U @ 2.00GHz	3082	1306	NA	NA
Intel Core i3-6098P @ 3.60GHz	5408	792	40.44	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5483	780	45.79	\$119.75
Intel Core i3-6100E @ 2.70GHz	3769	1114	NA	NA
Intel Core i3-6100H @ 2.70GHz	4222	1021	NA	NA
Intel Core i3-6100T @ 3.20GHz	4854	897	35.96	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	4304	1006	NA	NA
Intel Core i3-6100U @ 2.30GHz	3604	1155	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	1098	NA	NA
Intel Core i3-6300 @ 3.80GHz	5845	737	25.52	\$229.00
Intel Core i3-6300T @ 3.30GHz	5247	821	33.86	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6047	716	15.67	\$385.99
Intel Core i3-7020U @ 2.30GHz	3522	1180	12.53	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5781	742	29.36	\$196.95
Intel Core i3-7100H @ 3.00GHz	4627	938	20.57	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5051	854	35.19	\$143.56
Intel Core i3-7100U @ 2.40GHz	3766	1115	9.90	\$380.64*
Intel Core i3-7101TE @ 3.40GHz	5189	829	44.36	\$117.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7102E @ 2.10GHz	3266	1243	14.52	\$225.00*
Intel Core i3-7130U @ 2.70GHz	4057	1049	14.44	\$281.00*
Intel Core i3-7167U @ 2.80GHz	4757	913	NA	NA
Intel Core i3-7300 @ 4.00GHz	6356	685	36.99	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	801	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6417	677	35.12	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6597	662	38.16	\$172.87
Intel Core i3-8100 @ 3.60GHz	8033	515	52.86	\$151.98
Intel Core i3-8100B @ 3.60GHz	8544	470	64.24	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7368	586	67.61	\$109.00
Intel Core i3-8109U @ 3.00GHz	6178	699	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	908	NA	NA
Intel Core i3-8130U @ 2.20GHz	5039	857	17.93	\$281.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8145U @ 2.10GHz	5511	778	19.61	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8700	456	36.94	\$235.53
Intel Core i3-8300T @ 3.20GHz	8032	516	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9215	403	46.37	\$198.75
Intel Core i3-9100 @ 3.60GHz	9094	414	73.95	\$122.99
Intel Core i3-9100F @ 3.60GHz	9078	417	100.88	\$89.99
Intel Core i3-9100T @ 3.10GHz	7689	552	63.03	\$122.00*
Intel Core i3-9300 @ 3.70GHz	10018	327	65.91	\$152.00*
Intel Core i3-9300T @ 3.20GHz	8777	449	61.38	\$143.00*
Intel Core i3-9350KF @ 4.00GHz	10458	297	46.27	\$226.00
Intel Core i3-21050 @ 3.10GHz	3862	1090	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1628	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1514	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3614	1152	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3793	1109	NA	NA
Intel Core i5-430M @ 2.27GHz	2095	1666	14.97	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	2033	NA	NA
Intel Core i5-450M @ 2.40GHz	2126	1654	66.56	\$31.95*
Intel Core i5-460M @ 2.53GHz	2323	1568	29.06	\$79.95
Intel Core i5-470UM @ 1.33GHz	1081	2187	NA	NA
Intel Core i5-480M @ 2.67GHz	2403	1541	29.81	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1609	NA	NA
Intel Core i5-520M @ 2.40GHz	2368	1556	33.85	\$69.99*
Intel Core i5-520UM @ 1.07GHz	1351	2025	NA	NA
Intel Core i5-540M @ 2.53GHz	2452	1524	12.91	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	2014	NA	NA
Intel Core i5-560M @ 2.67GHz	2578	1474	42.97	\$60.00*
Intel Core i5-560UM @ 1.33GHz	1664	1881	NA	NA
Intel Core i5-580M @ 2.67GHz	2590	1471	23.56	\$109.95
Intel Core i5-650 @ 3.20GHz	3097	1301	36.45	\$84.99*
Intel Core i5-655K @ 3.20GHz	3386	1212	56.45	\$59.99*
Intel Core i5-660 @ 3.33GHz	3253	1249	9.30	\$349.95*
Intel Core i5-661 @ 3.33GHz	3187	1270	13.86	\$229.99
Intel Core i5-670 @ 3.47GHz	3313	1233	18.51	\$179.00
Intel Core i5-680 @ 3.60GHz	3514	1181	39.05	\$89.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-750 @ 2.67GHz	3690	1140	17.86	\$206.56
Intel Core i5-760 @ 2.80GHz	3885	1085	43.18	\$89.99*
Intel Core i5-2300 @ 2.80GHz	5363	803	67.05	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5531	774	29.69	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5769	744	36.06	\$160.00*
Intel Core i5-2380P @ 3.10GHz	5749	748	31.94	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4223	1020	42.27	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5967	721	86.49	\$69.00
Intel Core i5-2400S @ 2.50GHz	4986	867	27.40	\$182.00
Intel Core i5-2405S @ 2.50GHz	5082	842	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3168	1277	40.58	\$78.07*
Intel Core i5-2415M @ 2.30GHz	3299	1236	NA	NA
Intel Core i5-2430M @ 2.40GHz	3285	1239	36.87	\$89.11*
Intel Core i5-2435M @ 2.40GHz	3227	1257	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2450M @ 2.50GHz	3401	1206	38.65	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6132	706	68.14	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2321	1569	NA	NA
Intel Core i5-2500 @ 3.30GHz	6344	686	115.23	\$55.06
Intel Core i5-2500K @ 3.30GHz	6477	670	14.92	\$434.26*
Intel Core i5-2500S @ 2.70GHz	5375	800	71.68	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4647	930	51.64	\$89.99
Intel Core i5-2510E @ 2.50GHz	3483	1188	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1234	NA	NA
Intel Core i5-2520M @ 2.50GHz	3593	1157	21.19	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2081	1673	NA	NA
Intel Core i5-2540M @ 2.60GHz	3786	1111	65.27	\$58.02
Intel Core i5-2550K @ 3.40GHz	6668	654	35.10	\$190.00*
Intel Core i5-2557M @ 1.70GHz	2693	1440	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1122	NA	NA
Intel Core i5-3210M @ 2.50GHz	3827	1101	51.71	\$74.02*
Intel Core i5-3230M @ 2.60GHz	3942	1078	17.38	\$226.77*
Intel Core i5-3317U @ 1.70GHz	3091	1303	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4130	1038	55.04	\$75.05
Intel Core i5-3330 @ 3.00GHz	5946	724	29.73	\$200.00
Intel Core i5-3330S @ 2.70GHz	5685	754	59.85	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	741	NA	NA
Intel Core i5-3337U @ 1.80GHz	3229	1256	14.35	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1621	NA	NA
Intel Core i5-3340 @ 3.10GHz	6098	711	20.81	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4245	1015	53.10	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	736	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6151	702	41.01	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4435	977	47.79	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4435	978	NA	NA
Intel Core i5-3427U @ 1.80GHz	3547	1170	8.45	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3635	1148	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1360	NA	NA
Intel Core i5-3450 @ 3.10GHz	6537	667	28.50	\$229.35

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3450S @ 2.80GHz	6229	693	42.66	\$146.01
Intel Core i5-3470 @ 3.20GHz	6718	651	79.05	\$84.99
Intel Core i5-3470S @ 2.90GHz	6379	682	71.68	\$89.00*
Intel Core i5-3470T @ 2.90GHz	4488	969	14.53	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6612	660	46.08	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6963	620	20.73	\$335.99
Intel Core i5-3550S @ 3.00GHz	6910	630	20.95	\$329.95*
Intel Core i5-3570 @ 3.40GHz	7136	606	89.21	\$79.99
Intel Core i5-3570K @ 3.40GHz	7177	603	21.80	\$329.22
Intel Core i5-3570S @ 3.10GHz	6746	647	23.67	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5914	728	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3898	1084	NA	NA
Intel Core i5-4200H @ 2.80GHz	4447	974	NA	NA
Intel Core i5-4200M @ 2.50GHz	4036	1053	49.76	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3295	1238	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4200Y @ 1.40GHz	2407	1540	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2262	1600	NA	NA
Intel Core i5-4210H @ 2.90GHz	4530	961	NA	NA
Intel Core i5-4210M @ 2.60GHz	4203	1025	13.56	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3406	1205	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2378	1552	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1577	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1375	NA	NA
Intel Core i5-4250U @ 1.30GHz	3452	1196	9.62	\$359.00
Intel Core i5-4258U @ 2.40GHz	4082	1046	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1164	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	992	NA	NA
Intel Core i5-4288U @ 2.60GHz	4304	1007	NA	NA
Intel Core i5-4300M @ 2.60GHz	4432	979	NA	NA
Intel Core i5-4300U @ 1.90GHz	3744	1125	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2502	1507	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1343	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	1022	NA	NA
Intel Core i5-4310M @ 2.70GHz	4648	929	NA	NA
Intel Core i5-4310U @ 2.00GHz	3765	1117	NA	NA
Intel Core i5-4330M @ 2.80GHz	4547	956	16.54	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4861	895	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1153	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	955	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1076	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1405	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6339	687	24.53	\$258.41
Intel Core i5-4430S @ 2.70GHz	5961	723	37.26	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6514	668	13.11	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6253	692	13.51	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6720	650	28.24	\$238.00
Intel Core i5-4460S @ 2.90GHz	6426	675	9.74	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4961	874	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4570 @ 3.20GHz	7150	605	61.79	\$115.72
Intel Core i5-4570R @ 2.70GHz	6756	645	NA	NA
Intel Core i5-4570S @ 2.90GHz	6829	637	36.09	\$189.22
Intel Core i5-4570T @ 2.90GHz	4818	900	22.95	\$209.95
Intel Core i5-4570TE @ 2.70GHz	3827	1100	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7333	590	56.42	\$129.99
Intel Core i5-4590S @ 3.00GHz	7066	613	39.70	\$178.00
Intel Core i5-4590T @ 2.00GHz	5613	766	26.74	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7463	572	32.17	\$232.00
Intel Core i5-4670K @ 3.40GHz	7635	559	29.37	\$259.95
Intel Core i5-4670K CPT @ 3.40GHz	7411	582	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	581	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7386	584	34.68	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6168	701	23.81	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7684	553	32.84	\$234.00
Intel Core i5-4690K @ 3.50GHz	7795	543	50.62	\$154.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4690S @ 3.20GHz	7426	578	29.91	\$248.34
Intel Core i5-4690T @ 2.50GHz	6565	664	NA	NA
Intel Core i5-5200U @ 2.20GHz	3490	1185	NA	NA
Intel Core i5-5250U @ 1.60GHz	3590	1159	8.13	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4410	984	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	921	NA	NA
Intel Core i5-5300U @ 2.30GHz	3827	1102	7.42	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3534	1176	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	571	NA	NA
Intel Core i5-5675C @ 3.10GHz	8191	498	26.43	\$309.95*
Intel Core i5-5675R @ 3.10GHz	7991	524	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4147	1035	NA	NA
Intel Core i5-6200U @ 2.30GHz	4023	1054	NA	NA
Intel Core i5-6260U @ 1.80GHz	4363	993	8.41	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4962	873	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	914	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6090	712	NA	NA
Intel Core i5-6300U @ 2.40GHz	4370	989	NA	NA
Intel Core i5-6360U @ 2.00GHz	4686	924	NA	NA
Intel Core i5-6400 @ 2.70GHz	6764	643	19.89	\$340.03*
Intel Core i5-6400T @ 2.20GHz	5614	764	21.60	\$259.95*
Intel Core i5-6402P @ 2.80GHz	7120	608	37.48	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	694	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6800	639	NA	NA
Intel Core i5-6500 @ 3.20GHz	7248	597	43.15	\$168.00
Intel Core i5-6500T @ 2.50GHz	6291	688	43.39	\$144.99*
Intel Core i5-6500TE @ 2.30GHz	6579	663	31.33	\$209.99*
Intel Core i5-6600 @ 3.30GHz	7780	546	29.68	\$262.13*
Intel Core i5-6600K @ 3.50GHz	8062	513	30.64	\$263.11*
Intel Core i5-6600T @ 2.70GHz	7342	589	24.48	\$299.95*
Intel Core i5-7200U @ 2.50GHz	4602	943	NA	NA
Intel Core i5-7260U @ 2.20GHz	5673	757	11.12	\$509.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7267U @ 3.10GHz	4976	870	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	761	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6781	641	NA	NA
Intel Core i5-7300U @ 2.60GHz	5186	830	11.04	\$469.76
Intel Core i5-7360U @ 2.30GHz	5865	733	NA	NA
Intel Core i5-7400 @ 3.00GHz	7319	591	37.16	\$196.99
Intel Core i5-7400T @ 2.40GHz	6403	678	29.36	\$218.11
Intel Core i5-7440HQ @ 2.80GHz	7674	557	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	6262	691	25.05	\$250.00*
Intel Core i5-7500 @ 3.40GHz	8020	518	40.13	\$199.88
Intel Core i5-7500T @ 2.70GHz	7023	616	30.41	\$230.99
Intel Core i5-7600 @ 3.50GHz	8724	455	35.76	\$243.99
Intel Core i5-7600K @ 3.80GHz	9113	412	32.75	\$278.26
Intel Core i5-7600T @ 2.80GHz	8111	510	31.43	\$258.12
Intel Core i5-7640X @ 4.00GHz	9545	374	53.86	\$177.21
Intel Core i5-8200Y @ 1.30GHz	4206	1024	14.46	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4284	1010	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8250U @ 1.60GHz	7675	556	NA	NA
Intel Core i5-8259U @ 2.30GHz	11017	267	14.17	\$777.57
Intel Core i5-8265U @ 1.60GHz	7966	527	26.82	\$297.00*
Intel Core i5-8265UC @ 1.60GHz	8016	520	NA	NA
Intel Core i5-8300H @ 2.30GHz	9491	378	37.97	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8947	436	NA	NA
Intel Core i5-8350U @ 1.70GHz	8196	497	27.60	\$297.00*
Intel Core i5-8365U @ 1.60GHz	8420	478	28.35	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11650	248	58.26	\$199.99
Intel Core i5-8400H @ 2.50GHz	10226	308	40.91	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9571	372	48.10	\$199.00
Intel Core i5-8500 @ 3.00GHz	11905	242	47.81	\$249.00
Intel Core i5-8500B @ 3.00GHz	12756	216	66.44	\$192.00*
Intel Core i5-8500T @ 2.10GHz	10026	326	42.60	\$235.34
Intel Core i5-8600 @ 3.10GHz	12606	222	45.48	\$277.21*
Intel Core i5-8600K @ 3.60GHz	12761	215	45.35	\$281.38
Intel Core i5-8600T @ 2.30GHz	10917	272	29.51	\$369.99
Intel Core i5-9300H @ 2.40GHz	9944	336	39.78	\$250.00*
Intel Core i5-9400 @ 2.90GHz	12020	239	63.27	\$189.99
Intel Core i5-9400F @ 2.90GHz	12141	236	80.95	\$149.99
Intel Core i5-9400H @ 2.50GHz	10567	289	42.27	\$250.00*
Intel Core i5-9400T @ 1.80GHz	10606	286	NA	NA
Intel Core i5-9500 @ 3.00GHz	12673	221	62.74	\$202.00*
Intel Core i5-9500T @ 2.20GHz	11211	258	58.39	\$192.00*
Intel Core i5-9600K @ 3.70GHz	13533	198	56.39	\$239.99
Intel Core i5-9600KF @ 3.70GHz	13934	181	63.34	\$219.99
Intel Core i5-24050S @ 2.50GHz	4928	879	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3733	1127	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1719	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1489	NA	NA
Intel Core i7-620LM @ 2.00GHz	1954	1727	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-620M @ 2.67GHz	2720	1432	24.73	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	2041	NA	NA
Intel Core i7-640LM @ 2.13GHz	2249	1606	NA	NA
Intel Core i7-640M @ 2.80GHz	2829	1394	14.15	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1638	1894	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1829	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1847	NA	NA
Intel Core i7-720QM @ 1.60GHz	3010	1328	27.38	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3191	1269	19.95	\$159.95
Intel Core i7-820QM @ 1.73GHz	3221	1259	13.43	\$239.95*
Intel Core i7-840QM @ 1.87GHz	3411	1204	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	4997	865	17.24	\$289.95*
Intel Core i7-860S @ 2.53GHz	4711	918	23.56	\$199.99*
Intel Core i7-870 @ 2.93GHz	5323	810	54.32	\$97.99
Intel Core i7-870S @ 2.67GHz	4849	899	NA	NA
Intel Core i7-875K @ 2.93GHz	5405	793	15.59	\$346.78*
Intel Core i7-880 @ 3.07GHz	5505	779	9.44	\$583.00*
Intel Core i7-920 @ 2.67GHz	4913	884	117.03	\$41.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-920XM @ 2.00GHz	3727	1128	9.32	\$399.95*
Intel Core i7-930 @ 2.80GHz	5133	835	46.67	\$109.99
Intel Core i7-940 @ 2.93GHz	5336	808	51.32	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3967	1067	NA	NA
Intel Core i7-950 @ 3.07GHz	5538	772	18.25	\$303.46*
Intel Core i7-960 @ 3.20GHz	5800	740	21.35	\$271.72*
Intel Core i7-965 @ 3.20GHz	5854	734	41.82	\$139.99*
Intel Core i7-970 @ 3.20GHz	8351	485	16.71	\$499.95*
Intel Core i7-975 @ 3.33GHz	6121	707	14.75	\$414.90*
Intel Core i7-980 @ 3.33GHz	8642	464	43.22	\$199.98*
Intel Core i7-980X @ 3.33GHz	8738	453	9.60	\$909.99*
Intel Core i7-985 @ 3.47GHz	6641	658	NA	NA
Intel Core i7-990X @ 3.47GHz	9047	421	25.85	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	353	NA	NA
Intel Core i7-2600 @ 3.40GHz	8185	499	62.97	\$129.99
Intel Core i7-2600K @ 3.40GHz	8420	477	50.98	\$165.18
Intel Core i7-2600S @ 2.80GHz	7091	610	37.32	\$189.99*
Intel Core i7-2610UE @ 1.50GHz	2481	1517	NA	NA
Intel Core i7-2617M @ 1.50GHz	2813	1401	NA	NA
Intel Core i7-2620M @ 2.70GHz	3841	1095	22.62	\$169.81
Intel Core i7-2630QM @ 2.00GHz	5523	775	24.02	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1473	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5468	785	NA	NA
Intel Core i7-2637M @ 1.70GHz	2910	1366	NA	NA
Intel Core i7-2640M @ 2.80GHz	3921	1083	32.69	\$119.95
Intel Core i7-2655LE @ 2.20GHz	3196	1267	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5879	732	42.49	\$138.40*
Intel Core i7-2675QM @ 2.20GHz	5537	773	NA	NA
Intel Core i7-2677M @ 1.80GHz	2826	1395	NA	NA
Intel Core i7-2700K @ 3.50GHz	8681	461	29.24	\$296.90

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2710QE @ 2.10GHz	5768	745	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	802	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6107	709	32.15	\$189.95
Intel Core i7-2760QM @ 2.40GHz	6561	665	31.25	\$209.95*
Intel Core i7-2820QM @ 2.30GHz	6642	657	34.77	\$191.02*
Intel Core i7-2840QM @ 2.40GHz	6766	642	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6961	621	12.87	\$541.00*
Intel Core i7-2920XM @ 2.50GHz	6998	618	15.89	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	600	17.62	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3581	1161	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3376	1217	NA	NA
Intel Core i7-3520M @ 2.90GHz	4545	957	34.43	\$132.02
Intel Core i7-3537U @ 2.00GHz	3843	1094	NA	NA
Intel Core i7-3540M @ 3.00GHz	4661	926	10.84	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1068	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	666	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7458	574	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	653	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6817	638	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3615QE @ 2.30GHz	7458	573	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7383	585	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7580	563	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6931	627	29.11	\$238.11
Intel Core i7-3635QM @ 2.40GHz	6664	655	NA	NA
Intel Core i7-3667U @ 2.00GHz	4000	1060	NA	NA
Intel Core i7-3687U @ 2.10GHz	4190	1026	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1261	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8121	508	22.37	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	8317	488	34.66	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9279	397	70.70	\$131.25
Intel Core i7-3770K @ 3.50GHz	9506	375	25.98	\$365.99
Intel Core i7-3770S @ 3.10GHz	8893	440	22.07	\$402.96
Intel Core i7-3770T @ 2.50GHz	8208	495	24.87	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8990	429	22.48	\$399.99
Intel Core i7-3820QM @ 2.70GHz	8404	479	29.49	\$285.00*
Intel Core i7-3840QM @ 2.80GHz	8776	450	30.36	\$289.05
Intel Core i7-3920XM @ 2.90GHz	9118	409	8.32	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11979	240	23.73	\$504.85
Intel Core i7-3940XM @ 3.00GHz	9221	401	17.11	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12581	223	13.11	\$959.78*
Intel Core i7-3970X @ 3.50GHz	12677	220	15.65	\$809.99*
Intel Core i7-4500U @ 1.80GHz	3791	1110	NA	NA
Intel Core i7-4510U @ 2.00GHz	3922	1081	NA	NA
Intel Core i7-4550U @ 1.50GHz	3717	1131	NA	NA
Intel Core i7-4558U @ 2.80GHz	4397	985	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	999	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	910	NA	NA
Intel Core i7-4600M @ 2.90GHz	4901	886	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4600U @ 2.10GHz	4093	1044	NA	NA
Intel Core i7-4610M @ 3.00GHz	4910	885	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1124	NA	NA
Intel Core i7-4650U @ 1.70GHz	3960	1073	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	602	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7725	548	20.17	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7682	554	40.65	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7424	580	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7127	607	21.15	\$337.04*
Intel Core i7-4710HQ @ 2.50GHz	7723	549	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7982	526	29.39	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7526	567	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7197	601	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7994	522	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8067	512	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8199	496	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8735	454	NA	NA
Intel Core i7-4765T @ 2.00GHz	7302	594	18.26	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9778	356	44.65	\$218.99
Intel Core i7-4770HQ @ 2.20GHz	8953	434	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4770K @ 3.50GHz	10074	324	29.37	\$343.00
Intel Core i7-4770R @ 3.20GHz	9822	351	NA	NA
Intel Core i7-4770S @ 3.10GHz	9351	390	37.41	\$249.99*
Intel Core i7-4770T @ 2.50GHz	8585	467	21.46	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	649	NA	NA
Intel Core i7-4771 @ 3.50GHz	9864	346	16.17	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7634	560	NA	NA
Intel Core i7-4790 @ 3.60GHz	9987	333	52.56	\$190.00
Intel Core i7-4790K @ 4.00GHz	11170	260	36.03	\$309.99
Intel Core i7-4790S @ 3.20GHz	9586	370	35.64	\$269.00
Intel Core i7-4790T @ 2.70GHz	9068	418	25.26	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8444	476	45.62	\$185.12
Intel Core i7-4810MQ @ 2.80GHz	8644	463	45.51	\$189.95
Intel Core i7-4820K @ 3.70GHz	9710	364	44.14	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9056	420	20.87	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7899	532	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9271	398	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9352	389	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8975	431	15.30	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9333	392	20.29	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13007	210	27.35	\$475.66
Intel Core i7-4930MX @ 3.00GHz	9481	381	8.65	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9885	344	13.92	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9846	348	15.80	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13796	188	17.92	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10287	306	NA	NA
Intel Core i7-5500U @ 2.40GHz	3976	1065	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1093	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5557U @ 3.10GHz	4950	876	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4320	1002	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	1019	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	500	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	491	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8354	484	NA	NA
Intel Core i7-5775C @ 3.30GHz	10976	269	15.99	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10868	276	NA	NA
Intel Core i7-5820K @ 3.30GHz	12976	211	44.90	\$289.00
Intel Core i7-5850EQ @ 2.70GHz	9817	352	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	382	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13621	195	15.45	\$881.89*
Intel Core i7-5950HQ @ 2.90GHz	10850	277	NA	NA
Intel Core i7-5960X @ 3.00GHz	15944	131	16.61	\$959.99*
Intel Core i7-6498DU @ 2.50GHz	4538	960	NA	NA
Intel Core i7-6500U @ 2.50GHz	4429	980	11.27	\$393.00*
Intel Core i7-6560U @ 2.20GHz	4815	901	NA	NA
Intel Core i7-6567U @ 3.30GHz	5615	762	NA	NA
Intel Core i7-6600U @ 2.60GHz	4805	905	NA	NA
Intel Core i7-6650U @ 2.20GHz	4972	872	NA	NA
Intel Core i7-6700 @ 3.40GHz	10003	331	29.86	\$334.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6700HQ @ 2.60GHz	8132	504	21.52	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11108	261	35.54	\$312.61
Intel Core i7-6700T @ 2.80GHz	9016	427	30.06	\$300.00*
Intel Core i7-6700TE @ 2.40GHz	8674	462	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9727	361	9.71	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13568	197	42.40	\$320.01
Intel Core i7-6820EQ @ 2.80GHz	8563	468	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9109	413	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8769	451	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	674	NA	NA
Intel Core i7-6850K @ 3.60GHz	14376	169	24.04	\$598.00
Intel Core i7-6900K @ 3.20GHz	17651	92	22.09	\$799.00
Intel Core i7-6920HQ @ 2.90GHz	9564	373	16.84	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19934	60	14.14	\$1,410.00
Intel Core i7-7500U @ 2.70GHz	5151	833	NA	NA
Intel Core i7-7560U @ 2.40GHz	5834	739	NA	NA
Intel Core i7-7567U @ 3.50GHz	6492	669	7.30	\$889.99
Intel Core i7-7600U @ 2.80GHz	5086	839	NA	NA
Intel Core i7-7660U @ 2.50GHz	6011	719	NA	NA
Intel Core i7-7700 @ 3.60GHz	10727	280	33.28	\$322.36
Intel Core i7-7700HQ @ 2.80GHz	8798	448	NA	NA
Intel Core i7-7700K @ 4.20GHz	12033	238	33.99	\$354.04
Intel Core i7-7700T @ 2.90GHz	9287	396	24.80	\$374.44*
Intel Core i7-7740X @ 4.30GHz	12275	232	38.01	\$323.00
Intel Core i7-7800X @ 3.50GHz	14614	162	36.63	\$398.99
Intel Core i7-7820HK @ 2.90GHz	9958	335	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9255	399	24.49	\$378.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7820X @ 3.60GHz	18491	82	30.82	\$599.99
Intel Core i7-7900X @ 3.30GHz	20406	56	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9995	332	NA	NA
Intel Core i7-8086K @ 4.00GHz	16715	104	30.23	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3957	1074	10.07	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8292	489	NA	NA
Intel Core i7-8559U @ 2.70GHz	12338	228	NA	NA
Intel Core i7-8565U @ 1.80GHz	8969	432	NA	NA
Intel Core i7-8650U @ 1.90GHz	8765	452	NA	NA
Intel Core i7-8665U @ 1.90GHz	8944	438	21.87	\$409.00*
Intel Core i7-8700 @ 3.20GHz	15156	148	48.89	\$309.99
Intel Core i7-8700B @ 3.20GHz	14633	161	48.30	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15964	130	45.61	\$349.99
Intel Core i7-8700T @ 2.40GHz	12724	218	38.11	\$333.89*
Intel Core i7-8705G @ 3.10GHz	9904	341	7.03	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10494	295	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	355	NA	NA
Intel Core i7-8750H @ 2.20GHz	12453	225	31.53	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11020	266	NA	NA
Intel Core i7-8850H @ 2.60GHz	13026	209	32.98	\$395.00*
Intel Core i7-9700 @ 3.00GHz	16300	117	49.40	\$329.99
Intel Core i7-9700F @ 3.00GHz	16260	120	45.14	\$360.21
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-9700K @ 3.60GHz	17208	98	47.15	\$364.99
Intel Core i7-9700KF @ 3.60GHz	17248	96	49.28	\$349.99
Intel Core i7-9700T @ 2.00GHz	14859	156	46.00	\$323.00*
Intel Core i7-9750H @ 2.60GHz	13649	192	NA	NA
Intel Core i7-9800X @ 3.80GHz	19677	69	32.80	\$599.99
Intel Core i7-9850H @ 2.60GHz	14696	158	37.21	\$395.00*
Intel Core i9-7900X @ 3.30GHz	21877	38	19.47	\$1,123.75
Intel Core i9-7920X @ 2.90GHz	23354	30	21.31	\$1,096.17
Intel Core i9-7940X @ 3.10GHz	25375	15	16.15	\$1,571.25
Intel Core i9-7960X @ 2.80GHz	25998	11	18.57	\$1,399.99
Intel Core i9-7980XE @ 2.60GHz	27823	7	15.47	\$1,799.00
Intel Core i9-8950HK @ 2.90GHz	14262	172	24.46	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21499	45	27.92	\$769.99
Intel Core i9-9880H @ 2.30GHz	16551	108	29.77	\$556.00*
Intel Core i9-9900 @ 3.10GHz	19281	74	43.82	\$439.99
Intel Core i9-9900K @ 3.60GHz	20222	58	41.70	\$484.99
Intel Core i9-9900KF @ 3.60GHz	20467	53	45.48	\$449.99
Intel Core i9-9900X @ 3.50GHz	23004	32	24.22	\$949.99
Intel Core i9-9920X @ 3.50GHz	25362	16	23.70	\$1,069.99
Intel Core i9-9940X @ 3.30GHz	27260	9	23.40	\$1,164.99
Intel Core i9-9960X @ 3.10GHz	27881	6	19.92	\$1,399.99
Intel Core i9-9980HK @ 2.40GHz	17312	94	29.69	\$583.00*
Intel Core i9-9980XE @ 3.00GHz	29740	2	14.87	\$1,999.99
Intel Core m3-6Y30 @ 0.90GHz	3051	1319	10.86	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3558	1168	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1230	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core m3-8100Y @ 1.10GHz	3562	1166	12.68	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3373	1218	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3258	1246	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3467	1192	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2702	1437	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1550	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2819	1398	10.03	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1391	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2483	1516	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2995	1335	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2982	1339	10.62	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2620	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2612	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2530	NA	NA
Intel Core Solo U1300 @ 1.06GHz	273	2773	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2767	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2688	NA	NA
Intel E3000 @ 3.40GHz	2767	1414	NA	NA
Intel Pentium 4 1.40GHz	164	2874	NA	NA
Intel Pentium 4 1.50GHz	131	2891	NA	NA
Intel Pentium 4 1.60GHz	129	2893	NA	NA
Intel Pentium 4 1.70GHz	132	2890	NA	NA
Intel Pentium 4 1.80GHz	161	2877	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1.90GHz	159	2878	NA	NA
Intel Pentium 4 2.00GHz	189	2856	NA	NA
Intel Pentium 4 2.20GHz	209	2838	NA	NA
Intel Pentium 4 2.26GHz	221	2826	NA	NA
Intel Pentium 4 2.40GHz	228	2820	NA	NA
Intel Pentium 4 2.50GHz	245	2804	NA	NA
Intel Pentium 4 2.53GHz	248	2800	NA	NA
Intel Pentium 4 2.60GHz	288	2746	NA	NA
Intel Pentium 4 2.66GHz	254	2792	NA	NA
Intel Pentium 4 2.80GHz	322	2694	NA	NA
Intel Pentium 4 2.93GHz	299	2728	NA	NA
Intel Pentium 4 3.00GHz	353	2666	NA	NA
Intel Pentium 4 3.06GHz	347	2669	NA	NA
Intel Pentium 4 3.20GHz	373	2640	NA	NA
Intel Pentium 4 3.40GHz	395	2615	NA	NA
Intel Pentium 4 3.46GHz	454	2548	NA	NA
Intel Pentium 4 3.60GHz	487	2510	NA	NA
Intel Pentium 4 3.73GHz	486	2512	NA	NA
Intel Pentium 4 3.80GHz	485	2514	NA	NA
Intel Pentium 4 3.83GHz	195	2851	NA	NA
Intel Pentium 4 4.00GHz	184	2861	NA	NA
Intel Pentium 4 1300MHz	119	2897	NA	NA
Intel Pentium 4 1400MHz	127	2894	NA	NA
Intel Pentium 4 1500MHz	125	2895	NA	NA
Intel Pentium 4 1600MHz	193	2855	0.30	\$647.45*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1700MHz	154	2881	NA	NA
Intel Pentium 4 1800MHz	162	2876	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2884	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2850	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2867	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2839	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2870	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2837	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2846	NA	NA
Intel Pentium 5 2.66GHz	705	2389	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2175	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1143	2152	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2148	NA	NA
Intel Pentium 987 @ 1.50GHz	1228	2100	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	2001	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1425	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1325	NA	NA
Intel Pentium 2020M @ 2.40GHz	2273	1593	16.97	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2411	1538	18.00	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1655	1886	12.35	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1820	1800	13.59	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1062	2193	7.93	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2277	1589	NA	NA
Intel Pentium 3556U @ 1.70GHz	1696	1859	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 3558U @ 1.70GHz	1679	1868	NA	NA
Intel Pentium 3560M @ 2.40GHz	2270	1597	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2079	NA	NA
Intel Pentium 3805U @ 1.90GHz	1981	1714	NA	NA
Intel Pentium 3825U @ 1.90GHz	2519	1499	NA	NA
Intel Pentium 4405U @ 2.10GHz	2931	1358	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1683	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2050	1687	12.73	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3156	1286	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2225	1618	13.83	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3284	1240	20.40	\$161.00*
Intel Pentium 5405U @ 2.30GHz	3237	1254	20.11	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1912	NA	NA
Intel Pentium B940 @ 2.00GHz	1728	1836	57.72	\$29.94*
Intel Pentium B950 @ 2.10GHz	1718	1841	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1780	37.80	\$48.99*
Intel Pentium B970 @ 2.30GHz	1951	1730	38.27	\$50.99*
Intel Pentium B980 @ 2.40GHz	2026	1694	28.97	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1106	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	529	2478	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2421	NA	NA
Intel Pentium D 915 @ 2.80GHz	583	2449	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2385	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2373	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium D 960 @ 3.60GHz	811	2344	NA	NA
Intel Pentium E2140 @ 1.60GHz	870	2311	5.51	\$157.95*
Intel Pentium E2160 @ 1.80GHz	998	2231	8.50	\$117.50
Intel Pentium E2180 @ 2.00GHz	1087	2179	36.27	\$29.99
Intel Pentium E2200 @ 2.20GHz	1202	2115	16.03	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2128	NA	NA
Intel Pentium E2220 @ 2.40GHz	1329	2039	15.47	\$85.99*
Intel Pentium E5200 @ 2.50GHz	1487	1965	41.38	\$35.94
Intel Pentium E5300 @ 2.60GHz	1538	1940	66.90	\$22.99
Intel Pentium E5400 @ 2.70GHz	1599	1916	80.01	\$19.99*
Intel Pentium E5500 @ 2.80GHz	1637	1895	82.09	\$19.95*
Intel Pentium E5700 @ 3.00GHz	1735	1834	115.81	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1891	1762	63.08	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1705	1853	165.57	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1764	1816	11.17	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1861	1778	18.62	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1934	1737	113.87	\$16.99*
Intel Pentium E6800 @ 3.33GHz	1988	1711	22.34	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2296	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2258	NA	NA
Intel Pentium G620 @ 2.60GHz	2291	1581	91.72	\$24.99*
Intel Pentium G620T @ 2.20GHz	2033	1692	25.42	\$79.99*
Intel Pentium G630 @ 2.70GHz	2371	1555	23.72	\$100.00
Intel Pentium G630T @ 2.30GHz	2089	1668	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2523	1497	16.82	\$150.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G640T @ 2.40GHz	1979	1715	NA	NA
Intel Pentium G645 @ 2.90GHz	2591	1470	16.20	\$160.00*
Intel Pentium G645T @ 2.50GHz	2255	1603	NA	NA
Intel Pentium G840 @ 2.80GHz	2561	1482	73.21	\$34.99*
Intel Pentium G850 @ 2.90GHz	2667	1448	22.46	\$118.77
Intel Pentium G860 @ 3.00GHz	2735	1429	91.20	\$29.99*
Intel Pentium G870 @ 3.10GHz	2816	1399	29.03	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2596	1467	74.42	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2757	1421	45.99	\$59.95
Intel Pentium G2020T @ 2.50GHz	2418	1535	50.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2869	1384	71.75	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2487	1513	38.86	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1418	NA	NA
Intel Pentium G2120 @ 3.10GHz	3080	1308	19.31	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3198	1265	63.99	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3384	1214	41.28	\$82.00
Intel Pentium G3220 @ 3.00GHz	3127	1291	27.51	\$113.67
Intel Pentium G3220T @ 2.60GHz	2555	1484	36.52	\$69.99*
Intel Pentium G3240 @ 3.10GHz	3159	1284	30.43	\$103.83
Intel Pentium G3240T @ 2.70GHz	2840	1388	NA	NA
Intel Pentium G3250 @ 3.20GHz	3239	1253	29.45	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2971	1344	33.02	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3870	1088	20.56	\$188.28

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3260 @ 3.30GHz	3359	1221	24.00	\$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1359	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1547	NA	NA
Intel Pentium G3420 @ 3.20GHz	3397	1208	27.84	\$122.00
Intel Pentium G3420T @ 2.70GHz	3008	1331	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1210	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3314	1231	20.72	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1300	NA	NA
Intel Pentium G3450 @ 3.40GHz	3701	1135	37.02	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1347	NA	NA
Intel Pentium G3460 @ 3.50GHz	3582	1160	12.43	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3714	1133	35.62	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3541	1171	32.20	\$109.98
Intel Pentium G4400T @ 2.90GHz	3179	1272	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1382	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3794	1108	41.25	\$92.01
Intel Pentium G4500T @ 3.00GHz	3471	1190	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1029	40.24	\$103.99*
Intel Pentium G4560 @ 3.50GHz	4864	894	53.67	\$90.63
Intel Pentium G4560T @ 2.90GHz	3990	1063	36.28	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5075	845	21.15	\$239.95
Intel Pentium G4600T @ 3.00GHz	4266	1012	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5211	823	45.85	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1859	1779	46.49	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1646	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2059	1684	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium Gold G5400 @ 3.70GHz	5199	826	73.96	\$70.30
Intel Pentium Gold G5400T @ 3.10GHz	5048	855	78.89	\$64.00*
Intel Pentium Gold G5420 @ 3.80GHz	5518	777	86.22	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5195	827	30.57	\$169.94
Intel Pentium Gold G5500T @ 3.20GHz	4346	996	57.95	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5660	759	53.91	\$105.00
Intel Pentium III 933S @ 933MHz	238	2813	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2751	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2766	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2711	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2731	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2727	NA	NA
Intel Pentium III Mobile 750MHz	103	2900	NA	NA
Intel Pentium III Mobile 800MHz	182	2864	NA	NA
Intel Pentium III Mobile 866MHz	152	2882	NA	NA
Intel Pentium III Mobile 933MHz	218	2828	7.55	\$28.99*
Intel Pentium III Mobile 1000MHz	245	2803	NA	NA
Intel Pentium III Mobile 1066MHz	246	2802	NA	NA
Intel Pentium III Mobile 1133MHz	251	2796	NA	NA
Intel Pentium III Mobile 1200MHz	240	2810	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1790	NA	NA
Intel Pentium J2900 @ 2.41GHz	1955	1725	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium J3710 @ 1.60GHz	1912	1747	NA	NA
Intel Pentium J4205 @ 1.50GHz	2259	1602	NA	NA
Intel Pentium M 1.10GHz	282	2757	NA	NA
Intel Pentium M 1.20GHz	298	2729	NA	NA
Intel Pentium M 1.30GHz	301	2721	NA	NA
Intel Pentium M 1.40GHz	345	2673	NA	NA
Intel Pentium M 1.50GHz	366	2650	NA	NA
Intel Pentium M 1.60GHz	364	2653	NA	NA
Intel Pentium M 1.70GHz	406	2597	NA	NA
Intel Pentium M 1.73GHz	413	2587	NA	NA
Intel Pentium M 1.80GHz	411	2590	NA	NA
Intel Pentium M 1.86GHz	439	2565	NA	NA
Intel Pentium M 2.00GHz	461	2540	NA	NA
Intel Pentium M 2.10GHz	448	2553	NA	NA
Intel Pentium M 2.13GHz	502	2500	NA	NA
Intel Pentium M 2.26GHz	509	2496	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2519	NA	NA
Intel Pentium M 900MHz	217	2832	NA	NA
Intel Pentium M 1000MHz	233	2816	NA	NA
Intel Pentium M 1100MHz	259	2788	NA	NA
Intel Pentium M 1200MHz	237	2814	NA	NA
Intel Pentium M 1300MHz	303	2715	NA	NA
Intel Pentium M 1400MHz	320	2696	NA	NA
Intel Pentium M 1500MHz	354	2663	NA	NA
Intel Pentium M 1600MHz	335	2684	NA	NA
Intel Pentium M 1700MHz	376	2635	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1946	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium N3520 @ 2.16GHz	1789	1809	NA	NA
Intel Pentium N3530 @ 2.16GHz	1894	1759	NA	NA
Intel Pentium N3540 @ 2.16GHz	1924	1741	7.67	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1829	1796	4.11	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1865	1775	NA	NA
Intel Pentium N4200 @ 1.10GHz	2031	1693	4.94	\$410.99
Intel Pentium P6000 @ 1.87GHz	1242	2094	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	2040	46.64	\$28.44
Intel Pentium P6200 @ 2.13GHz	1349	2027	30.03	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	2011	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2908	1369	13.23	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2441	1528	15.16	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2598	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2321	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2326	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2409	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2391	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2386	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2375	NA	NA
Intel Pentium T2330 @ 1.60GHz	831	2332	NA	NA
Intel Pentium T2370 @ 1.73GHz	846	2325	24.19	\$35.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2390 @ 1.86GHz	946	2274	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2246	NA	NA
Intel Pentium T3200 @ 2.00GHz	1033	2209	86.10	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1113	2162	12.38	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1151	2145	95.96	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1232	2099	NA	NA
Intel Pentium T4400 @ 2.20GHz	1283	2068	NA	NA
Intel Pentium T4500 @ 2.30GHz	1334	2037	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2339	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2267	NA	NA
Intel T1200 @ 1.50GHz	435	2571	NA	NA
Intel T1400 @ 1.73GHz	929	2280	NA	NA
Intel T1500 @ 1.86GHz	953	2266	NA	NA
Intel T2050 @ 2.00GHz	959	2262	NA	NA
Intel Xeon 2.00GHz	233	2815	NA	NA
Intel XEON 2.20GHz	252	2794	NA	NA
Intel Xeon 2.40GHz	276	2769	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2570	NA	NA
Intel Xeon 2.80GHz	400	2610	NA	NA
Intel Xeon 3.00GHz	391	2623	NA	NA
Intel Xeon 3.06GHz	491	2506	NA	NA
Intel Xeon 3.20GHz	461	2541	NA	NA
Intel Xeon 3.40GHz	478	2523	NA	NA
Intel Xeon 3.60GHz	509	2495	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2204	NA	NA
Intel Xeon 3.80GHz	604	2438	0.71	\$851.00*
Intel Xeon 1500MHz	193	2854	NA	NA
Intel Xeon 3040 @ 1.86GHz	1278	2072	51.05	\$25.04*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3050 @ 2.13GHz	1300	2052	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1947	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1945	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1811	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1788	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1928	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2189	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	2092	0.77	\$1,619.99*
Intel Xeon 5130 @ 2.00GHz	1366	2016	43.44	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1917	NA	NA
Intel Xeon 5140 @ 2.33GHz	1644	1890	35.00	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1922	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1752	1826	12.52	\$139.95*
Intel Xeon 5160 @ 3.00GHz	1956	1723	52.18	\$37.49*
Intel Xeon @ 2.00GHz	11327	255	NA	NA
Intel Xeon @ 2.20GHz	1902	1754	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5664	758	23.56	\$240.43
Intel Xeon Bronze 3106 @ 1.70GHz	6890	632	19.46	\$354.01
Intel Xeon D-1518 @ 2.20GHz	5322	811	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	747	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1521 @ 2.40GHz	6980	619	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	494	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	359	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	547	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	288	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11064	263	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	283	19.24	\$555.00*
Intel Xeon D-1559 @ 1.50GHz	8055	514	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	167	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	178	NA	NA
Intel Xeon D-21231T @ 2.20GHz	8140	503	38.22	\$213.00*
Intel Xeon D-21411 @ 2.20GHz	12836	213	23.13	\$555.00*
Intel Xeon D-21431T @ 2.20GHz	13816	186	24.41	\$566.00*
Intel Xeon D-21831T @ 2.20GHz	19381	73	10.99	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6088	713	114.89	\$52.99
Intel Xeon E3-1220 V2 @ 3.10GHz	6713	652	91.98	\$72.99
Intel Xeon E3-1220 v3 @ 3.10GHz	7168	604	33.34	\$214.99
Intel Xeon E3-1220 v5 @ 3.00GHz	7799	542	29.27	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7790	545	39.15	\$199.00
Intel Xeon E3-1220L @ 2.20GHz	3563	1165	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	981	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1662	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5889	730	81.81	\$71.99
Intel Xeon E3-1225 V2 @ 3.20GHz	6938	625	81.64	\$84.99
Intel Xeon E3-1225 v3 @ 3.20GHz	7239	598	24.96	\$289.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7833	537	29.23	\$268.04
Intel Xeon E3-1225 v6 @ 3.30GHz	8156	501	33.93	\$240.43
Intel Xeon E3-1226 v3 @ 3.30GHz	7553	565	12.69	\$595.00*
Intel Xeon E3-1230 @ 3.20GHz	7829	538	57.58	\$135.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1230 V2 @ 3.30GHz	8855	444	112.09	\$79.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9321	393	43.35	\$215.00
Intel Xeon E3-1230 v5 @ 3.40GHz	9725	362	22.53	\$431.65
Intel Xeon E3-1230 v6 @ 3.50GHz	9888	343	37.66	\$262.59
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	599	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9626	369	18.88	\$509.95
Intel Xeon E3-1235 @ 3.20GHz	7680	555	31.48	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	671	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7962	528	61.25	\$129.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9140	407	56.43	\$161.99
Intel Xeon E3-1240 v3 @ 3.40GHz	9664	366	25.14	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10376	301	30.37	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10458	298	36.30	\$288.10
Intel Xeon E3-1240L v3 @ 2.00GHz	7513	569	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	544	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10018	328	27.08	\$369.99
Intel Xeon E3-1245 @ 3.30GHz	7992	523	76.13	\$104.99
Intel Xeon E3-1245 V2 @ 3.40GHz	9118	410	51.52	\$176.99
Intel Xeon E3-1245 v3 @ 3.40GHz	9572	371	37.54	\$255.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1245 v5 @ 3.50GHz	10181	313	29.48	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10515	292	34.71	\$302.97
Intel Xeon E3-1246 v3 @ 3.50GHz	9864	347	24.12	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6072	714	70.93	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	309	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	6038	718	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7456	575	24.45	\$305.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9216	402	12.98	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	419	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	536	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	458	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	492	26.16	\$315.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9458	383	49.78	\$189.99
Intel Xeon E3-1270 v3 @ 3.50GHz	9919	339	49.60	\$199.99
Intel Xeon E3-1270 v5 @ 3.60GHz	10292	305	21.01	\$489.99
Intel Xeon E3-1270 v6 @ 3.80GHz	11207	259	33.10	\$338.61
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	282	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10091	321	11.36	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8215	493	27.03	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9433	386	23.90	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	9915	340	24.73	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10366	303	24.97	\$415.13*
Intel Xeon E3-1275 v6 @ 3.80GHz	11014	268	29.76	\$370.17
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	439	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10204	311	9.51	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8465	475	23.01	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9447	384	11.00	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9769	357	14.01	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	284	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11463	251	23.56	\$486.64
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1281 v3 @ 3.70GHz	10276	307	11.71	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	296	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	294	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	241	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	334	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	270	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	342	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	376	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	457	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	365	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	683	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8946	437	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9714	363	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10093	320	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9340	391	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10576	287	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10443	299	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10614	285	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	279	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	315	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	593	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	577	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5578	768	21.24	\$262.59*
Intel Xeon E5-1603 v3 @ 2.80GHz	6186	697	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	672	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5885	731	210.56	\$27.95*
Intel Xeon E5-1607 v2 @ 3.00GHz	6217	695	177.91	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	7028	615	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7256	596	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9025	425	138.85	\$65.00
Intel Xeon E5-1620 v2 @ 3.70GHz	9492	377	163.69	\$57.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9744	358	60.91	\$159.99
Intel Xeon E5-1620 v4 @ 3.50GHz	9924	338	30.07	\$329.99
Intel Xeon E5-1630 v3 @ 3.70GHz	10214	310	17.09	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10296	304	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11716	246	23.67	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12729	217	106.13	\$119.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13625	194	74.59	\$182.66
Intel Xeon E5-1650 v4 @ 3.60GHz	14218	175	22.43	\$633.99*
Intel Xeon E5-1660 @ 3.30GHz	12360	226	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13808	187	7.63	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14609	163	9.04	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16203	122	13.18	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16222	121	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16389	113	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	100	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	86	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1178	23.76	\$148.32*
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1202	94.99	\$35.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2407 @ 2.20GHz	4188	1027	229.76	\$18.23
Intel Xeon E5-2407 v2 @ 2.40GHz	4648	928	40.23	\$115.55
Intel Xeon E5-2418L @ 2.00GHz	5202	825	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	614	18.06	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8691	459	78.87	\$110.19
Intel Xeon E5-2430 @ 2.20GHz	6878	634	181.01	\$38.00*
Intel Xeon E5-2430 v2 @ 2.50GHz	8991	428	29.00	\$310.00
Intel Xeon E5-2430L @ 2.00GHz	7269	595	225.19	\$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	659	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	406	229.53	\$39.99
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	395	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	433	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10108	319	79.64	\$126.92
Intel Xeon E5-2450L @ 1.80GHz	8261	490	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	10061	325	91.48	\$109.99
Intel Xeon E5-2470 v2 @ 2.40GHz	11268	257	66.67	\$169.03
Intel Xeon E5-2603 @ 1.80GHz	3580	1162	143.58	\$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	1116	94.18	\$39.99*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	832	60.94	\$85.00
Intel Xeon E5-2603 v4 @ 1.70GHz	5431	789	20.89	\$260.00*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	534	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4601	944	104.61	\$43.99*
Intel Xeon E5-2609 v2 @ 2.50GHz	5146	834	34.78	\$147.96
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	729	14.79	\$399.00*
Intel Xeon E5-2609 v4 @ 1.70GHz	6905	631	19.20	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	235	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	164	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7902	531	494.80	\$15.97
Intel Xeon E5-2620 v2 @ 2.10GHz	8689	460	217.30	\$39.99
Intel Xeon E5-2620 v3 @ 2.40GHz	10003	330	76.22	\$131.24
Intel Xeon E5-2620 v4 @ 2.10GHz	11354	254	30.69	\$369.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	430	33.29	\$269.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8506	471	15.50	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	387	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	229	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	208	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	265	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8860	443	196.93	\$44.99
Intel Xeon E5-2630 v2 @ 2.60GHz	10385	300	230.85	\$44.99
Intel Xeon E5-2630 v3 @ 2.40GHz	12795	214	98.43	\$130.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13908	182	21.07	\$659.99
Intel Xeon E5-2630L @ 2.00GHz	7865	533	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	416	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	360	28.62	\$339.95*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	212	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9200	405	96.86	\$94.99*
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	317	32.64	\$309.99
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	293	9.82	\$1,069.95
Intel Xeon E5-2640 @ 2.50GHz	9361	388	87.84	\$106.57*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2640 v2 @ 2.00GHz	10143	314	64.81	\$156.51
Intel Xeon E5-2640 v3 @ 2.60GHz	13885	184	47.67	\$291.29*
Intel Xeon E5-2640 v4 @ 2.40GHz	15380	144	15.58	\$986.99*
Intel Xeon E5-2643 @ 3.30GHz	8401	480	140.04	\$59.99
Intel Xeon E5-2643 v2 @ 3.50GHz	13115	207	119.23	\$110.00
Intel Xeon E5-2643 v3 @ 3.40GHz	13887	183	51.63	\$269.00
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	202	9.65	\$1,396.07
Intel Xeon E5-2648L @ 1.80GHz	7426	579	NA	NA
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	253	7.70	\$1,479.00*
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	252	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	191	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	160	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10110	318	224.69	\$45.00
Intel Xeon E5-2650 v2 @ 2.60GHz	13201	204	176.06	\$74.98
Intel Xeon E5-2650 v3 @ 2.30GHz	14844	157	82.48	\$179.99
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	134	12.39	\$1,281.12*

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	8332	487	105.47	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	345	131.74	\$75.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	199	11.37	\$1,188.14*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	177	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	256	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	380	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	185	77.09	\$179.99
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	118	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	103	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11057	264	159.12	\$69.49*
Intel Xeon E5-2660 v2 @ 2.20GHz	13186	205	73.64	\$179.06
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	123	20.50	\$789.41*
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	102	11.25	\$1,499.99*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	180	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11525	249	102.33	\$112.63
Intel Xeon E5-2667 @ 2.90GHz	10372	302	195.74	\$52.99
Intel Xeon E5-2667 v2 @ 3.30GHz	16158	124	44.88	\$359.99
Intel Xeon E5-2667 v3 @ 3.20GHz	16134	125	18.86	\$855.30
Intel Xeon E5-2667 v4 @ 3.20GHz	16684	105	8.56	\$1,949.03*
Intel Xeon E5-2670 @ 2.60GHz	12063	237	86.23	\$139.90
Intel Xeon E5-2670 v2 @ 2.50GHz	14988	152	62.16	\$241.13
Intel Xeon E5-2670 v3 @ 2.30GHz	16494	109	54.98	\$300.00
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	115	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16383	114	23.41	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	46	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15073	149	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	91	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17290	95	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	18	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12558	224	169.11	\$74.26
Intel Xeon E5-2680 v2 @ 2.80GHz	15885	133	67.60	\$235.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18565	81	36.47	\$509.00
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	61	13.18	\$1,509.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	55	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17369	93	34.06	\$509.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	78	8.62	\$2,208.93*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	150	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	75	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	63	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14347	170	20.64	\$695.06
Intel Xeon E5-2687W v2 @ 3.40GHz	16433	111	45.66	\$359.90
Intel Xeon E5-2687W v3 @ 3.10GHz	17772	90	30.12	\$589.99
Intel Xeon E5-2687W v4 @ 3.00GHz	19855	62	9.13	\$2,174.99*
Intel Xeon E5-2689 @ 2.60GHz	13585	196	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	64	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13497	201	103.83	\$130.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16466	110	35.80	\$460.00
Intel Xeon E5-2690 v3 @ 2.60GHz	19249	76	64.17	\$300.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	48	9.83	\$2,169.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	128	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15993	129	63.97	\$250.00
Intel Xeon E5-2695 v3 @ 2.30GHz	19690	68	19.50	\$1,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	57	7.70	\$2,629.42*
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	107	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	33	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	49	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17224	97	43.38	\$397.03
Intel Xeon E5-2697 v3 @ 2.60GHz	21402	47	43.41	\$493.06
Intel Xeon E5-2697 v4 @ 2.30GHz	21506	44	7.04	\$3,054.99*
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	34	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	51	6.15	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	40	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	35	8.92	\$2,509.00*
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	29	3.94	\$5,954.79*
Intel Xeon E5-4603 @ 2.00GHz	5014	864	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	400	NA	NA
Intel Xeon E5-4617 @ 2.90GHz	9029	423	100.44	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	506	60.56	\$134.21*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	166	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	139	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	291	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	219	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	262	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11860	243	124.21	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	244	98.52	\$119.99
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	230	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	132	11.36	\$1,399.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	135	3.30	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	193	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1295	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2157	1642	93.86	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1532	247.99	\$9.79*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3120 @ 3.16GHz	2241	1611	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1999	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1533	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1599	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1584	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1502	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2907	1370	72.72	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2831	1392	57.79	\$49.00*
Intel Xeon E5410 @ 2.33GHz	3261	1244	15.61	\$208.95*
Intel Xeon E5420 @ 2.50GHz	3486	1187	13.41	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3760	1119	54.50	\$69.00*
Intel Xeon E5440 @ 2.83GHz	3962	1072	209.12	\$18.95*
Intel Xeon E5450 @ 3.00GHz	4185	1028	14.00	\$298.94*
Intel Xeon E5462 @ 2.80GHz	3871	1087	141.82	\$27.30*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5472 @ 3.00GHz	4085	1045	136.00	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	2013	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1381	2009	4.81	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2688	1442	38.44	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2975	1342	47.22	\$63.01*
Intel Xeon E5507 @ 2.27GHz	3125	1292	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4435	976	310.83	\$14.27*
Intel Xeon E5530 @ 2.40GHz	4564	951	18.55	\$246.00*
Intel Xeon E5540 @ 2.53GHz	4807	902	81.49	\$59.00*
Intel Xeon E5603 @ 1.60GHz	2366	1557	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1317	13.95	\$219.00
Intel Xeon E5607 @ 2.27GHz	3380	1216	15.44	\$219.00*
Intel Xeon E5620 @ 2.40GHz	4802	907	76.97	\$62.40
Intel Xeon E5630 @ 2.53GHz	5081	843	145.17	\$35.00*
Intel Xeon E5640 @ 2.67GHz	5256	818	187.81	\$27.99
Intel Xeon E5645 @ 2.40GHz	6424	676	59.49	\$107.98*
Intel Xeon E5649 @ 2.53GHz	6936	626	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1536	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	539	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9489	379	43.13	\$219.99*
Intel Xeon E-2124G @ 3.40GHz	9838	350	41.18	\$238.89
Intel Xeon E-2126G @ 3.30GHz	13995	179	46.65	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10909	274	36.05	\$302.64
Intel Xeon E-2136 @ 3.30GHz	15763	136	48.58	\$324.46*
Intel Xeon E-2144G @ 3.60GHz	11466	250	32.59	\$351.90*
Intel Xeon E-2146G @ 3.50GHz	15593	137	43.93	\$354.99*
Intel Xeon E-2174G @ 3.80GHz	12262	233	33.35	\$367.65
Intel Xeon E-2176G @ 3.70GHz	15580	138	38.19	\$407.95
Intel Xeon E-2176M @ 2.70GHz	13656	190	30.35	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	16057	127	30.59	\$524.99*
Intel Xeon E-2186M @ 2.90GHz	14570	165	23.39	\$623.00*
Intel Xeon E-2224 @ 3.40GHz	10525	290	53.16	\$198.00*
Intel Xeon E-2224G @ 3.50GHz	10008	329	45.91	\$218.00*
Intel Xeon E-2276M @ 2.80GHz	15277	146	33.95	\$450.00*
Intel Xeon E-2286M @ 2.40GHz	18421	84	29.57	\$623.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 5117 @ 2.00GHz	16672	106	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16389	112	12.33	\$1,329.03*
Intel Xeon Gold 5120 @ 2.20GHz	16308	116	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	87	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10894	275	8.40	\$1,297.50*
Intel Xeon Gold 6126 @ 2.60GHz	19711	65	9.90	\$1,991.25
Intel Xeon Gold 6128 @ 3.40GHz	14941	154	8.49	\$1,759.75*
Intel Xeon Gold 6130 @ 2.10GHz	19473	72	10.03	\$1,940.99
Intel Xeon Gold 6132 @ 2.60GHz	23907	27	10.84	\$2,205.00*
Intel Xeon Gold 6134 @ 3.20GHz	18083	88	7.62	\$2,372.99*
Intel Xeon Gold 6136 @ 3.00GHz	21061	50	8.06	\$2,613.59*
Intel Xeon Gold 6138 @ 2.00GHz	25774	12	10.27	\$2,509.00*
Intel Xeon Gold 6140 @ 2.30GHz	23964	25	9.82	\$2,439.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 6144 @ 3.50GHz	19654	70	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	19	6.40	\$3,926.49*
Intel Xeon Gold 6148 @ 2.40GHz	25440	14	7.82	\$3,253.99*
Intel Xeon Gold 6152 @ 2.10GHz	23498	28	6.05	\$3,885.34*
Intel Xeon Gold 6154 @ 3.00GHz	27722	8	7.09	\$3,909.00
Intel Xeon Gold 6230 @ 2.10GHz	24600	21	12.50	\$1,967.60
Intel Xeon Gold 6242 @ 2.80GHz	25313	17	9.98	\$2,537.00*
Intel Xeon L3110 @ 3.00GHz	2273	1594	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1118	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2035	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	1096	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1799	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1595	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1590	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1645	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1422	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3014	1326	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1219	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3503	1184	127.39	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3723	1130	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1132	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	987	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	994	225.95	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4369	990	285.56	\$15.30*
Intel Xeon L5638 @ 2.00GHz	5556	770	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	636	NA	NA
Intel Xeon L5640 @ 2.27GHz	6278	690	209.50	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1097	NA	NA
Intel Xeon MV 3.20GHz	683	2401	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26835	10	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	624	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	3	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	4	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	5	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	24434	23	2.80	\$8,725.00*
Intel Xeon Silver 4108 @ 1.80GHz	10838	278	21.81	\$496.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Silver 4109T @ 2.00GHz	10946	271	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11685	247	28.85	\$405.00
Intel Xeon Silver 4112 @ 2.60GHz	8611	465	16.75	\$513.99*
Intel Xeon Silver 4114 @ 2.20GHz	14282	171	21.14	\$675.75
Intel Xeon Silver 4116 @ 2.10GHz	15397	143	14.83	\$1,038.04*
Intel Xeon Silver 4123 @ 3.00GHz	15185	147	NA	NA
Intel Xeon Silver 4208 @ 2.10GHz	13116	206	28.48	\$460.54
Intel Xeon Silver 4215 @ 2.50GHz	15440	140	20.61	\$749.00*
Intel Xeon W3503 @ 2.40GHz	1756	1821	175.85	\$9.99*
Intel Xeon W3505 @ 2.53GHz	1844	1783	74.18	\$24.86*
Intel Xeon W3520 @ 2.67GHz	5057	852	105.36	\$48.00*
Intel Xeon W3530 @ 2.80GHz	5346	806	18.19	\$293.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W3540 @ 2.93GHz	5472	782	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5694	753	189.88	\$29.99*
Intel Xeon W3565 @ 3.20GHz	5939	725	84.91	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6047	717	12.60	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6366	684	29.68	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8121	507	16.24	\$499.99*
Intel Xeon W3680 @ 3.33GHz	9021	426	11.87	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9126	408	86.92	\$105.00
Intel Xeon W5580 @ 3.20GHz	5836	738	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	698	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	6954	622	29.59	\$235.05*
Intel Xeon W-2104 @ 3.20GHz	7439	576	29.17	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10702	281	30.44	\$351.56
Intel Xeon W-2125 @ 4.00GHz	12357	227	26.11	\$473.28
Intel Xeon W-2133 @ 3.60GHz	14242	173	23.08	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16275	119	18.06	\$900.99
Intel Xeon W-2140B @ 3.20GHz	18610	80	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19691	67	16.51	\$1,192.99*
Intel Xeon W-2150B @ 3.00GHz	21543	43	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21832	41	14.27	\$1,530.39*
Intel Xeon W-2175 @ 2.50GHz	24454	22	12.56	\$1,947.00*
Intel Xeon W-2195 @ 2.30GHz	24081	24	9.56	\$2,520.27
Intel Xeon X3210 @ 2.13GHz	2739	1426	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1304	51.35	\$60.15*
Intel Xeon X3230 @ 2.66GHz	3398	1207	9.44	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3306	1235	14.41	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3174	1273	163.95	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3343	1225	15.92	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1103	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1092	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3941	1079	24.95	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3985	1064	116.91	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	1009	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	925	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3342	1227	44.16	\$75.68*
Intel Xeon X3440 @ 2.53GHz	4521	963	31.85	\$141.96*
Intel Xeon X3450 @ 2.67GHz	4748	915	59.40	\$79.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3460 @ 2.80GHz	5014	863	14.05	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5100	838	34.30	\$148.70
Intel Xeon X3480 @ 3.07GHz	5657	760	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1522	45.47	\$54.00*
Intel Xeon X5270 @ 3.50GHz	2553	1486	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1546	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3170	1276	10.23	\$309.95*
Intel Xeon X5365 @ 3.00GHz	3524	1177	35.42	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4108	1043	68.52	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4326	1000	94.06	\$45.99*
Intel Xeon X5470 @ 3.33GHz	4588	948	24.28	\$189.00*

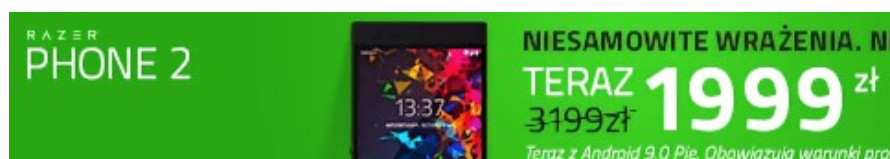
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5472 @ 3.00GHz	4014	1056	17.84	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4529	962	45.30	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	890	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5353	804	17.56	\$304.85*
Intel Xeon X5560 @ 2.80GHz	5399	796	158.85	\$33.99*
Intel Xeon X5570 @ 2.93GHz	5679	755	283.97	\$20.00*
Intel Xeon X5647 @ 2.93GHz	5920	727	297.04	\$19.93*
Intel Xeon X5650 @ 2.67GHz	7363	587	133.90	\$54.99*
Intel Xeon X5660 @ 2.80GHz	7569	564	312.28	\$24.24*
Intel Xeon X5667 @ 3.07GHz	6291	689	269.66	\$23.33*
Intel Xeon X5670 @ 2.93GHz	7853	535	261.78	\$30.00
Intel Xeon X5672 @ 3.20GHz	6397	679	142.21	\$44.99*
Intel Xeon X5675 @ 3.07GHz	8132	505	104.28	\$77.99
Intel Xeon X5677 @ 3.47GHz	6951	623	182.55	\$38.08*
Intel Xeon X5679 @ 3.20GHz	8845	445	NA	NA
Intel Xeon X5680 @ 3.33GHz	8395	481	118.07	\$71.10
Intel Xeon X5687 @ 3.60GHz	7076	611	64.92	\$109.00
Intel Xeon X5690 @ 3.47GHz	8872	442	73.94	\$119.99
Intel Xeon X5698 @ 4.40GHz	4272	1011	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1341	NA	NA
Mobile AMD Athlon 4	314	2705	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2660	NA	NA
Mobile AMD Athlon 64 2700+	398	2611	NA	NA
Mobile AMD Athlon 64 2800+	440	2562	NA	NA
Mobile AMD Athlon 64 3000+	450	2550	NA	NA
Mobile AMD Athlon 64 3200+	448	2554	NA	NA
Mobile AMD Athlon 64 3400+	511	2493	NA	NA
Mobile AMD Athlon 64 3700+	435	2572	NA	NA
Mobile AMD Athlon 64 4000+	576	2454	NA	NA
Mobile AMD Athlon 1400+	266	2780	NA	NA
Mobile AMD Athlon 2500+	370	2644	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2781	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2633	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2735	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2504	NA	NA
Mobile AMD Athlon XP	572	2458	45.81	\$12.49
Mobile AMD Athlon XP-M	512	2492	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2862	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 1500+	261	2784	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2786	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2692	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2730	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2677	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2723	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2654	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2672	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2670	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2643	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 2800+	365	2652	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2651	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2563	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2511	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2497	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2742	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2734	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2683	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2641	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2526	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2499	NA	NA
Mobile AMD Sempron 2100+	252	2795	NA	NA
Mobile AMD Sempron 2600+	394	2618	NA	NA
Mobile AMD Sempron 2800+	361	2657	NA	NA
Mobile AMD Sempron 3000+	389	2627	NA	NA
Mobile AMD Sempron 3100+	416	2585	NA	NA
Mobile AMD Sempron 3200+	354	2664	NA	NA
Mobile AMD Sempron 3300+	446	2556	NA	NA
Mobile AMD Sempron 3400+	441	2561	NA	NA
Mobile AMD Sempron 3500+	408	2594	NA	NA
Mobile AMD Sempron 3600+	427	2580	NA	NA
Mobile AMD Sempron 3800+	485	2515	NA	NA
Mobile Intel Celeron 1.20GHz	170	2873	NA	NA
Mobile Intel Celeron 1.50GHz	188	2857	NA	NA
Mobile Intel Celeron 1.60GHz	188	2858	NA	NA
Mobile Intel Celeron 1.70GHz	181	2866	NA	NA
Mobile Intel Celeron 1.80GHz	186	2860	NA	NA
Mobile Intel Celeron 2.00GHz	204	2842	NA	NA
Mobile Intel Celeron 2.20GHz	226	2822	NA	NA
Mobile Intel Celeron 2.40GHz	239	2811	NA	NA
Mobile Intel Celeron 2.50GHz	281	2760	NA	NA
Mobile Intel Celeron 1200MHz	294	2736	NA	NA
Mobile Intel Celeron 1333MHz	280	2763	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2768	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2783	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2765	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2703	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2680	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2661	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 3.33GHz	439	2564	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2524	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2852	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2872	1.05	\$164.99
Mobile Intel Pentium 4 - M 1.80GHz	175	2869	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2817	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2847	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2849	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2833	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 2.50GHz	256	2790	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2707	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2836	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2848	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2799	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2740	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2823	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2741	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1508	NA	NA
Quad-Core AMD Opteron 1385	3442	1199	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3446	1198	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1362	NA	NA
VIA C3 Ezra	100	2901	NA	NA
VIA C7 1500MHz	284	2752	NA	NA
VIA C7-D 1500MHz	287	2748	NA	NA
VIA C7-D 1800MHz	203	2844	NA	NA
VIA C7-D 2000MHz	368	2647	NA	NA
VIA C7-M 1000MHz	164	2875	NA	NA
VIA C7-M 1200MHz	140	2888	NA	NA
VIA C7-M 1600MHz	178	2868	NA	NA
VIA C7-M 6300MHz	222	2825	NA	NA
VIA Eden 800MHz	155	2879	NA	NA
VIA Eden 1000MHz	123	2896	NA	NA
VIA Eden 1200MHz	142	2887	NA	NA
VIA Eden C1050@1.06GHz	352	2667	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2522	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	2149	NA	NA
VIA Esther 1000MHz	146	2886	NA	NA
VIA Esther 1300MHz	250	2797	NA	NA
VIA Esther 1500MHz	219	2827	NA	NA
VIA Esther 2000MHz	394	2617	NA	NA
VIA Nano L1900@1400MHz	457	2544	NA	NA
VIA Nano L2007@1600MHz	369	2645	NA	NA
VIA Nano L2100@1800MHz	428	2578	NA	NA
VIA Nano L2207@1600MHz	296	2732	NA	NA
VIA Nano L3025@1600MHz	517	2489	NA	NA
VIA Nano L3050@1800MHz	581	2451	NA	NA
VIA Nano L3600@2000MHz	645	2418	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2634	NA	NA
VIA Nano U2250@1300+MHz	274	2772	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano U2500@1200MHz	306	2714	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2501	NA	NA
VIA Nano U3300@1200MHz	409	2592	NA	NA
VIA Nano U3500@1000MHz	275	2770	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2436	NA	NA
VIA Nehemiah	155	2880	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1756	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	2019	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA QuadCore U4650 @ 1.0+ GHz	1173	2129	NA	NA
VIA Samuel 2	79	2903	NA	NA
ZHAOXIN KaiXian KX-U6780A@2.7GHz	5760	746	NA	NA

* - Last price seen from our affiliates.



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Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	305	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	135	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	409	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	415	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	460	NA	NA
[Dual CPU] AMD EPYC 7281	13293	185	3.59	\$3,700.00
[Dual CPU] AMD EPYC 7371	19370	119	NA	NA
[Dual CPU] AMD EPYC 7401	23518	71	6.06	\$3,880.84
[Dual CPU] AMD EPYC 7451	28957	39	5.77	\$5,022.16
[Dual CPU] AMD EPYC 7501	29003	38	4.07	\$7,119.12
[Dual CPU] AMD EPYC 7551	31452	27	4.42	\$7,119.12
[Dual CPU] AMD EPYC 7601	33545	19	3.56	\$9,419.90
[Dual CPU] AMD Opteron 246	1130	449	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	450	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	446	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	447	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	455	NA	NA
[Dual CPU] AMD Opteron 256	1853	443	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	441	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	437	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	440	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	432	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2769	422	NA	NA
[Dual CPU] AMD Opteron 290	2716	424	10.06	\$270.00*
[Dual CPU] AMD Opteron 885	2851	418	NA	NA
[Dual CPU] AMD Opteron 2212	2203	438	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	433	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	430	NA	NA
[Dual CPU] AMD Opteron 2216	2485	429	48.16	\$51.60
[Dual CPU] AMD Opteron 2216 HE	2593	426	NA	NA
[Dual CPU] AMD Opteron 2218	2719	423	17.00	\$159.90
[Dual CPU] AMD Opteron 2218 HE	2514	427	NA	NA
[Dual CPU] AMD Opteron 2220	2854	417	17.85	\$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	416	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	413	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	407	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	397	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2347 HE	3470	404	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	398	25.50	\$159.90
[Dual CPU] AMD Opteron 2354	4554	385	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	388	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	367	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	395	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	381	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	368	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	366	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	352	63.93	\$90.00
[Dual CPU] AMD Opteron 2384	5714	354	3.40	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	340	NA	NA
[Dual CPU] AMD Opteron 2389	5677	355	48.11	\$118.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2419	5191	370	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	341	NA	NA
[Dual CPU] AMD Opteron 2427	5907	350	29.83	\$198.00
[Dual CPU] AMD Opteron 2431	6438	334	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7068	320	18.70	\$378.00
[Dual CPU] AMD Opteron 2439 SE	8071	290	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	399	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	357	24.58	\$229.90
[Dual CPU] AMD Opteron 4170 HE	6344	337	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	335	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7813	297	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	289	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	292	NA	NA
[Dual CPU] AMD Opteron 4234	9361	258	20.35	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	4214	392	52.69	\$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	251	NA	NA
[Dual CPU] AMD Opteron 4280	4525	386	45.25	\$100.00
[Dual CPU] AMD Opteron 4284	9151	259	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9456	257	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	229	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	237	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	214	40.57	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	327	169.13	\$39.98
[Dual CPU] AMD Opteron 6128 HE	5582	360	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	273	NA	NA
[Dual CPU] AMD Opteron 6134	7586	307	86.22	\$87.98
[Dual CPU] AMD Opteron 6136	7255	314	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	373	NA	NA
[Dual CPU] AMD Opteron 6168	7741	302	6.67	\$1,159.90
[Dual CPU] AMD Opteron 6172	7621	306	19.24	\$396.00
[Dual CPU] AMD Opteron 6174	7783	299	48.67	\$159.90
[Dual CPU] AMD Opteron 6176 SE	8448	279	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	410	10.05	\$309.98*
[Dual CPU] AMD Opteron 6204	7134	316	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	269	148.83	\$59.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6220	10740	224	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	241	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	231	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	10008	246	62.59	\$159.90
[Dual CPU] AMD Opteron 6274	10536	227	114.55	\$91.98
[Dual CPU] AMD Opteron 6275	10900	223	NA	NA
[Dual CPU] AMD Opteron 6276	10194	240	30.16	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	204	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	281	13.47	\$619.96*
[Dual CPU] AMD Opteron 6320	10716	225	20.69	\$518.02
[Dual CPU] AMD Opteron 6328	11842	207	16.49	\$718.00
[Dual CPU] AMD Opteron 6344	11203	217	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	212	28.53	\$399.98*
[Dual CPU] AMD Opteron 6376	10405	230	80.04	\$130.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6378	9145	260	11.46	\$798.00
[Dual CPU] AMD Opteron 6380	14200	171	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	199	40.65	\$299.98*
[Dual CPU] AMD Opteron 8218	2831	419	61.54	\$46.00
[Dual CPU] AMD Opteron 8220	2510	428	15.70	\$159.90
[Dual CPU] AMD Opteron 8222 SE	2793	421	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	408	67.15	\$48.00
[Dual CPU] AMD Opteron 8380	5643	358	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	369	NA	NA
[Dual CPU] AMD Opteron 8389	6517	331	41.25	\$158.00
[Dual CPU] AMD Opteron 8431	5813	351	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	328	46.80	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	304	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	448	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	435	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	403	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	294	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	469	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	467	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	464	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	541	463	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	470	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	471	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	468	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	466	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	461	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	457	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	456	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	459	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	454	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	453	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	452	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	442	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon 3.80GHz	993	451	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	439	6.68	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	434	0.71	\$3,239.98*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	425	41.62	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	411	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2978	414	31.69	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	412	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3411	405	12.19	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3827	401	51.04	\$74.98*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8929	268	18.57	\$480.86
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11012	221	15.55	\$708.02
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	342	20.91	\$296.64*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	339	87.58	\$71.98*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	313	200.30	\$36.46
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	263	39.02	\$231.10
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11068	218	14.19	\$780.04*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	206	54.04	\$220.38
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	283	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	177	179.43	\$76.00*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	174	22.20	\$620.00
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	213	176.43	\$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	194	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	189	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15063	162	59.34	\$253.84
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	15106	161	18.47	\$818.00*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	209	45.06	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	144	75.52	\$219.98
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	128	54.94	\$338.06
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	338	127.11	\$49.88*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	330	81.52	\$79.98*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	280	49.23	\$170.00
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8910	270	17.13	\$520.00*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8162	287	92.77	\$87.98*
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8987	264	30.37	\$295.92
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	245	12.57	\$798.00*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	222	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12336	195	386.22	\$31.94
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13202	187	165.07	\$79.98
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15214	159	57.96	\$262.48
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16442	146	22.22	\$739.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14313	170	26.51	\$539.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	191	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	166	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13584	183	150.97	\$89.98
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15933	152	177.07	\$89.98
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18464	129	71.02	\$260.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18742	126	14.20	\$1,319.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	219	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	176	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	160	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	311	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15888	155	83.63	\$189.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16408	147	26.47	\$619.98
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16703	143	7.81	\$2,139.90
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14657	165	68.77	\$213.14*
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14505	167	46.34	\$313.02
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19892	114	34.14	\$582.58*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20753	105	10.51	\$1,973.98*
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13635	178	113.64	\$119.98
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20746	106	94.30	\$220.00
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21023	100	39.08	\$538.00
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	92	7.71	\$2,792.14
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	197	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	173	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	132	5.79	\$3,121.72*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	14948	163	166.09	\$90.00
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18957	124	126.41	\$149.96
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20291	110	56.37	\$359.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20576	109	8.03	\$2,562.24*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	168	91.04	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14152	172	94.35	\$150.00
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	102	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13634	179	4.66	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	125	52.29	\$359.98
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	118	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	134	4.85	\$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16327	148	117.48	\$138.98*
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17861	133	49.87	\$358.12
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22577	84	14.30	\$1,578.82*
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23225	78	7.74	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	79	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17131	139	76.05	\$225.26
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	64	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16900	141	159.46	\$105.98
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22568	85	31.35	\$719.98
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22736	81	13.29	\$1,710.60
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22694	82	5.82	\$3,898.06*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18154	131	64.88	\$279.80
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20594	108	42.70	\$482.26
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	88	37.29	\$600.00
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	74	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	77	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	56	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	113	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21063	99	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	33	5.54	\$5,404.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18186	130	122.45	\$148.52
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21500	93	45.74	\$470.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24455	68	24.02	\$1,018.00
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22584	83	7.48	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	140	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21104	98	20.69	\$1,019.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	63	5.66	\$4,417.86*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	90	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	53	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	41	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20886	103	15.02	\$1,390.12
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23315	76	32.39	\$719.80
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24222	69	20.53	\$1,179.98
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	54	6.13	\$4,349.98*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19596	115	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	58	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19309	120	74.27	\$260.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23477	73	25.52	\$920.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25567	60	42.61	\$600.00
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27291	51	6.29	\$4,339.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20956	101	41.91	\$500.00
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	65	12.30	\$2,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	67	4.69	\$5,258.84*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23483	72	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	30	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31774	25	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23324	75	29.37	\$794.06
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27639	47	28.03	\$986.12
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30182	31	4.94	\$6,109.98*
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	45	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29093	37	4.25	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	29	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	22	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	70	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26863	52	5.35	\$5,018.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	18	2.86	\$11,909.58*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	107	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	117	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	154	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	122	35.31	\$544.08
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	116	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18712	127	97.98	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	164	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	226	44.50	\$239.98
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	86	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	49	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	200	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	157	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	87	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	203	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	16047	149	42.45	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	244	25.11	\$399.98*
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10207	238	1.02	\$10,017.02*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	436	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	400	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3532	402	36.04	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4166	394	53.75	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	376	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	384	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5121	372	64.03	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5142	371	52.47	\$98.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6010	347	14.38	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6349	336	12.21	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6845	326	49.60	\$138.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7127	317	188.05	\$37.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7506	308	12.55	\$597.88*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7092	319	129.89	\$54.60*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7796	298	129.76	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	431	12.93	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	420	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4878	380	34.87	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4990	375	39.60	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	363	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7418	310	259.92	\$28.54*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	303	15.66	\$492.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	295	66.51	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	396	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	361	12.57	\$438.00
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5947	349	13.58	\$438.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8051	291	64.51	\$124.80
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8280	284	118.29	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8638	274	154.31	\$55.98
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10314	234	47.76	\$215.96*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10318	233	44.86	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	362	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	365	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	91	8.41	\$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21437	94	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	97	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22282	89	8.38	\$2,658.06*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	62	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	136	6.73	\$2,595.00*
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	50	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	123	7.83	\$2,442.00*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28298	44	7.11	\$3,982.50
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22875	80	6.50	\$3,519.50*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26585	55	6.85	\$3,881.98
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	48	6.24	\$4,410.00*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25308	61	5.33	\$4,745.98*
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29784	34	5.70	\$5,227.18*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	46	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34192	17	6.81	\$5,018.00*
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	21	6.68	\$4,879.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	40	4.72	\$6,116.66*
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	30025	32	NA	NA
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28594	42	4.89	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29655	35	3.78	\$7,852.98*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36813	11	5.66	\$6,507.98*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32006	23	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33530	20	4.31	\$7,770.68*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	8	4.75	\$7,818.00
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31663	26	5.41	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41095	4	5.10	\$8,059.94
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	387	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	391	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	378	130.15	\$37.58*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	359	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	344	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	333	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	346	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	377	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	324	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	323	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	293	206.10	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7000	322	228.76	\$30.60*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	265	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	253	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9647	252	160.94	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	462	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	465	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	458	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	444	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	13	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	36925	9	2.40	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	36	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	6	3.33	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	12	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	14	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	7	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	3	3.26	\$12,604.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	151	16.07	\$993.96*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16472	145	20.34	\$810.00
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	182	13.24	\$1,027.98*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19291	121	14.27	\$1,351.50
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	95	10.32	\$2,076.08*
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	112	19.96	\$1,002.00*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10079	242	47.08	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	232	2.06	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	235	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	382	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	383	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	379	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5744	353	9.27	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6203	343	31.17	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7437	309	62.02	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7825	296	85.07	\$91.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	288	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	300	17.28	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8181	286	40.91	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8682	272	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8934	267	14.65	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	261	133.63	\$67.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9505	256	237.63	\$40.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	248	246.96	\$39.86*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11286	215	102.62	\$109.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11597	210	239.21	\$48.48*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10273	236	220.17	\$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12226	198	203.77	\$60.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	243	111.97	\$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12461	192	79.89	\$155.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11278	216	148.08	\$76.16*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	181	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13548	184	95.27	\$142.20
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11940	205	54.77	\$218.00
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13737	175	57.24	\$239.98
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	278	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	329	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	271	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	247	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11794	208	268.05	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	393	46.34	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	374	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	390	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	389	27.37	\$159.90

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Quad-Core AMD Opteron 8378	5382	364	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	325	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	356	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	348	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	282	NA	NA
[Quad CPU] AMD Opteron 6136	9767	249	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	276	26.87	\$319.80
[Quad CPU] AMD Opteron 6272	12292	196	38.44	\$319.80
[Quad CPU] AMD Opteron 6274	10488	228	57.01	\$183.96
[Quad CPU] AMD Opteron 6276	15342	158	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	201	9.75	\$1,236.00
[Quad CPU] AMD Opteron 6282 SE	11044	220	21.24	\$519.96*
[Quad CPU] AMD Opteron 6376	13257	186	50.99	\$260.00
[Quad CPU] AMD Opteron 6378	20859	104	13.07	\$1,596.00
[Quad CPU] AMD Opteron 6380	12442	193	52.72	\$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	332	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	345	NA	NA
[Quad CPU] AMD Opteron 8382	8553	277	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	312	NA	NA
[Quad CPU] AMD Opteron 8431	8252	285	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	318	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	266	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	445	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	406	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	142	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	153	29.66	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	180	42.59	\$319.96*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	66	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	96	55.95	\$381.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	57	12.87	\$2,035.80*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	28	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	111	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	150	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	16	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	43	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	24	NA	NA
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	10	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	138	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17287	137	131.00	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14316	169	18.94	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	190	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	156	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	321	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	301	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	239	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	254	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	262	14.31	\$631.80*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	59	5.04	\$5,190.00*
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	15	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	5	2.62	\$15,541.36*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	250	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	2	1.10	\$40,060.00*
[Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz	48904	1	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	255	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	202	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	275	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	211	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	13145	188	149.38	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	315	22.42	\$319.80

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