



- Home
- Software
- Hardware
- Benchmarks
- Services
- Store
- Support
- Forums
- About Us

Home » CPU Benchmarks » CPU List

- CPU Benchmarks
- Video Card Benchmarks
- Hard Drive Benchmarks
- RAM
- PC Systems
- Android
- iOS / iPhone

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked



----Select A Page ----



How does your CPU compare?
Add your CPU to our benchmark chart with **PerformanceTest V9!**

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.

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	2679	NA	NA
AMD A4 Micro-6400T APU	1544	1872	NA	NA
AMD A4 PRO-3340B	2402	1482	NA	NA
AMD A4 PRO-7300B APU	2372	1494	NA	NA
AMD A4 PRO-7350B	2227	1555	NA	NA
AMD A4-1200 APU	635	2359	NA	NA
AMD A4-1250 APU	618	2367	NA	NA
AMD A4-3300 APU	1499	1896	115.45	\$12.99
AMD A4-3300M APU	1185	2059	39.54	\$29.99*
AMD A4-3305M APU	1220	2039	39.61	\$30.81
AMD A4-3310MX APU	1287	2000	NA	NA
AMD A4-3320M APU	1253	2023	34.93	\$35.90
AMD A4-3330MX APU	1212	2043	NA	NA
AMD A4-3400 APU	1592	1857	18.10	\$87.95
AMD A4-3420 APU	1670	1811	NA	NA
AMD A4-4000 APU	1831	1730	26.17	\$69.99*
AMD A4-4020 APU	1921	1679	22.35	\$86.00
AMD A4-4300M APU	1611	1846	40.42	\$39.86
AMD A4-4355M APU	1175	2064	NA	NA
AMD A4-5000 APU	1915	1684	NA	NA
AMD A4-5050 APU	2113	1598	NA	NA
AMD A4-5100 APU	2037	1630	NA	NA
AMD A4-5150M APU	1844	1720	NA	NA
AMD A4-5300 APU	2012	1642	12.20	\$164.89*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5300B APU	2139	1583	56.29	\$38.00*
AMD A4-6210 APU	2165	1574	NA	NA
AMD A4-6250J APU	2556	1425	NA	NA
AMD A4-6300 APU	2218	1558	36.98	\$59.99
AMD A4-6300B APU	2129	1591	21.30	\$100.00*
AMD A4-6320 APU	2329	1504	33.29	\$69.99*
AMD A4-7210 APU	2507	1442	NA	NA
AMD A4-7300 APU	2302	1519	19.35	\$119.00
AMD A4-9120	1945	1669	NA	NA
AMD A4-9125	2075	1616	NA	NA
AMD A6 Micro-6500T APU	1834	1729	NA	NA
AMD A6 PRO-7050B APU	1616	1843	NA	NA
AMD A6 PRO-7400B	2608	1403	NA	NA
AMD A6-1450 APU	1532	1877	NA	NA
AMD A6-3400M APU	1883	1704	62.86	\$29.97*
AMD A6-3410MX APU	2053	1625	514.77	\$3.99*
AMD A6-3420M APU	2002	1644	NA	NA
AMD A6-3430MX APU	2200	1565	NA	NA
AMD A6-3500 APU	2012	1641	50.34	\$39.99*
AMD A6-3600 APU	2701	1377	117.50	\$22.99*
AMD A6-3620 APU	2797	1345	46.64	\$59.99*
AMD A6-3650 APU	3152	1229	98.54	\$31.99*
AMD A6-3670 APU	3170	1217	23.96	\$132.31
AMD A6-4400M APU	1638	1829	205.09	\$7.99*
AMD A6-4455M APU	1286	2001	NA	NA
AMD A6-5200 APU	2431	1469	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	1906	NA	NA
AMD A6-5350M APU	1913	1685	44.37	\$43.12
AMD A6-5357M APU	1941	1670	NA	NA
AMD A6-5400B APU	2232	1552	21.26	\$105.04*
AMD A6-5400K APU	2156	1580	16.60	\$129.95
AMD A6-6310 APU	2456	1459	NA	NA
AMD A6-6400B APU	2281	1530	NA	NA
AMD A6-6400K APU	2306	1515	16.48	\$139.95*
AMD A6-6420B APU	2612	1401	NA	NA
AMD A6-6420K APU	2388	1487	15.92	\$149.99*
AMD A6-7000	1667	1814	NA	NA
AMD A6-7310 APU	2663	1388	NA	NA
AMD A6-7400K APU	2782	1351	55.65	\$50.00
AMD A6-7470K	2727	1371	11.22	\$243.00
AMD A6-8500P	2202	1564	NA	NA
AMD A6-8550	3104	1241	NA	NA
AMD A6-9200	1718	1777	NA	NA
AMD A6-9210	1781	1748	NA	NA
AMD A6-9220	2160	1578	NA	NA
AMD A6-9220e	1624	1838	NA	NA
AMD A6-9225	2159	1579	NA	NA
AMD A6-9230	2102	1604	NA	NA
AMD A6-9500	3040	1263	63.33	\$48.02

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-9500E	2889	1320	39.63	\$72.91
AMD A8 PRO-7150B APU	2649	1392	NA	NA
AMD A8 PRO-7600B APU	4740	862	NA	NA
AMD A8-3500M APU	1972	1656	28.20	\$69.95
AMD A8-3510MX APU	2370	1495	NA	NA
AMD A8-3520M APU	2172	1572	NA	NA
AMD A8-3530MX APU	2365	1499	NA	NA
AMD A8-3550MX APU	2610	1402	NA	NA
AMD A8-3800 APU	3022	1267	53.04	\$56.99*
AMD A8-3820 APU	3104	1242	24.84	\$124.99*
AMD A8-3850 APU	3466	1137	32.80	\$105.68*
AMD A8-3870K APU	3544	1115	70.90	\$49.99*
AMD A8-4500M APU	2666	1386	NA	NA
AMD A8-4555M APU	2118	1596	NA	NA
AMD A8-5500 APU	3993	1006	70.68	\$56.50*
AMD A8-5500B APU	3993	1005	NA	NA
AMD A8-5545M APU	2587	1412	NA	NA
AMD A8-5550M APU	3006	1274	NA	NA
AMD A8-5557M APU	2968	1288	NA	NA
AMD A8-5600K APU	4343	940	18.94	\$229.30
AMD A8-6410 APU	2572	1421	NA	NA
AMD A8-6500 APU	4395	930	46.27	\$94.99*
AMD A8-6500B APU	4612	886	NA	NA
AMD A8-6500T APU	3221	1200	NA	NA
AMD A8-6600K APU	4585	893	47.28	\$96.99*
AMD A8-7050	1986	1651	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7100 APU	2807	1343	NA	NA
AMD A8-7200P	3319	1172	NA	NA
AMD A8-7410 APU	2738	1368	NA	NA
AMD A8-7600 APU	5070	794	63.39	\$79.99*
AMD A8-7650K	4928	829	19.40	\$254.00
AMD A8-7670K	5085	789	31.57	\$161.10*
AMD A8-7680	5335	757	88.94	\$59.99
AMD A8-8600P	3248	1192	NA	NA
AMD A8-8650	5470	731	NA	NA
AMD A8-9600	4985	814	80.10	\$62.24
AMD A9-9400	2323	1506	NA	NA
AMD A9-9410	2554	1426	NA	NA
AMD A9-9420	2350	1503	NA	NA
AMD A9-9420e	1883	1705	NA	NA
AMD A9-9425	2574	1416	NA	NA
AMD A9-9430	2524	1435	NA	NA
AMD A10 Micro-6700T APU	1970	1657	NA	NA
AMD A10 PRO-7350B APU	3171	1216	NA	NA
AMD A10 PRO-7800B APU	4973	817	NA	NA
AMD A10 PRO-7850B APU	5380	746	NA	NA
AMD A10-4600M APU	3113	1240	NA	NA
AMD A10-4655M APU	2602	1406	NA	NA
AMD A10-4657M APU	2906	1307	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-5700 APU	4210	966	65.29	\$64.50*
AMD A10-5745M APU	2765	1357	NA	NA
AMD A10-5750M APU	3344	1170	NA	NA
AMD A10-5757M APU	3082	1249	NA	NA
AMD A10-5800B APU	4625	883	NA	NA
AMD A10-5800K APU	4636	878	15.40	\$301.11*
AMD A10-6700 APU	4606	889	39.38	\$116.99*
AMD A10-6700T APU	3693	1079	25.02	\$147.61*
AMD A10-6790K APU	4717	864	49.67	\$94.99*
AMD A10-6800B APU	4806	849	NA	NA
AMD A10-6800K APU	4861	840	16.95	\$286.85*
AMD A10-7300 APU	2906	1310	NA	NA
AMD A10-7400P	3603	1096	NA	NA
AMD A10-7700K APU	5123	782	14.78	\$346.70*
AMD A10-7800 APU	4984	815	48.21	\$103.39*
AMD A10-7850K APU	5471	729	18.83	\$290.59*
AMD A10-7860K	5066	797	28.95	\$175.00*
AMD A10-7870K	5471	730	24.11	\$226.99*
AMD A10-7890K	5704	700	28.52	\$199.99*
AMD A10-8700P	3445	1141	NA	NA
AMD A10-8750	5076	792	NA	NA
AMD A10-8850	5598	715	NA	NA
AMD A10-9600P	3781	1056	NA	NA
AMD A10-9620P	3689	1083	NA	NA
AMD A10-9630P	4497	912	NA	NA
AMD A10-9700	5415	740	65.63	\$82.51
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9700E	4747	861	52.18	\$90.99*
AMD A12-9700P	3730	1070	NA	NA
AMD A12-9720P	4004	1002	NA	NA
AMD A12-9730P	4472	916	NA	NA
AMD A12-9800	5519	725	39.16	\$140.93
AMD A12-9800E	5104	784	42.54	\$119.99*
AMD Athlon64 X2 Dual Core 4600+	1108	2102	NA	NA
AMD Athlon 4	279	2699	4.00	\$69.99*
AMD Athlon 64 2000+	116	2833	NA	NA
AMD Athlon 64 2200+	575	2391	NA	NA
AMD Athlon 64 2600+	374	2573	NA	NA
AMD Athlon 64 2800+	438	2502	4.38	\$99.99*
AMD Athlon 64 3000+	463	2471	6.19	\$74.95
AMD Athlon 64 3200+	492	2440	3.28	\$149.95*
AMD Athlon 64 3300+	576	2390	NA	NA
AMD Athlon 64 3400+	545	2403	NA	NA
AMD Athlon 64 3500+	540	2409	4.96	\$108.95*
AMD Athlon 64 3600+	601	2376	NA	NA
AMD Athlon 64 3700+	598	2378	8.67	\$69.00*
AMD Athlon 64 3800+	589	2381	3.28	\$179.95*
AMD Athlon 64 4000+	608	2371	50.76	\$11.99*
AMD Athlon 64 FX-25	794	2285	NA	NA
AMD Athlon 64 FX-34	380	2565	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-51	437	2503	NA	NA
AMD Athlon 64 FX-53	646	2352	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2316	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2312	NA	NA
AMD Athlon 64 FX-59	715	2319	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2006	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1862	NA	NA
AMD Athlon 64 FX-72	1794	1742	NA	NA
AMD Athlon 64 FX-74	1495	1900	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2199	NA	NA
AMD Athlon 64 X2 4200+	1285	2003	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2172	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2193	16.05	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1000	2166	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1043	2139	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1097	2108	6.86	\$159.95
AMD Athlon 64 X2 Dual Core 4400+	1145	2087	19.09	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1219	2040	3.39	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1254	2022	7.84	\$159.95
AMD Athlon 64 X2 Dual Core 5000+	1313	1981	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	1946	9.87	\$139.95
AMD Athlon 64 X2 Dual Core 5400+	1448	1917	27.34	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1485	1904	10.61	\$139.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1878	61.17	\$24.99*
AMD Athlon 64 X2 Dual Core 6000+	1603	1850	34.89	\$45.95
AMD Athlon 64 X2 Dual Core 6400+	1791	1744	6.89	\$259.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core BE-230	1095	2112	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2121	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2138	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2264	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2265	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2187	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2244	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2274	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2245	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	925	2221	NA	NA
AMD Athlon 64 X2 QL-60	921	2225	NA	NA
AMD Athlon 64 X2 QL-62	1008	2160	NA	NA
AMD Athlon 64 X2 QL-64	992	2176	NA	NA
AMD Athlon 64 X2 QL-65	1050	2136	NA	NA
AMD Athlon 64 X2 QL-66	947	2206	NA	NA
AMD Athlon 64 X2 QL-67	1006	2161	NA	NA
AMD Athlon 64 X2 TK-55	955	2200	NA	NA
AMD Athlon 64 X2 TK-57	988	2178	NA	NA
AMD Athlon 200GE	4942	826	98.87	\$49.99
AMD Athlon 220GE	5346	753	82.27	\$64.99
AMD Athlon 240GE	5392	743	69.72	\$77.34
AMD Athlon 1500+	294	2672	NA	NA
AMD Athlon 1640B	670	2343	13.42	\$50.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 2000+	390	2561	NA	NA
AMD Athlon 2100+	412	2524	NA	NA
AMD Athlon 2200+	363	2591	4.55	\$79.99*
AMD Athlon 2400+	462	2474	NA	NA
AMD Athlon 2500+	374	2571	2.04	\$183.99*
AMD Athlon 2600+	444	2493	4.23	\$104.95*
AMD Athlon 2650e	409	2529	21.56	\$19.00*
AMD Athlon 2800+	447	2490	3.20	\$139.95*
AMD Athlon 2850e	504	2435	NA	NA
AMD Athlon 3100+	485	2452	NA	NA
AMD Athlon 3200+	458	2478	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	1995	76.13	\$16.98*
AMD Athlon 5150 APU	2106	1602	13.17	\$159.95
AMD Athlon 5200 Dual-Core	1266	2015	42.23	\$29.99*
AMD Athlon 5350 APU	2606	1404	7.70	\$338.46*
AMD Athlon 5370 APU	2902	1315	45.56	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1918	NA	NA
AMD Athlon 7550 Dual-Core	1462	1912	24.37	\$60.00*
AMD Athlon 7750 Dual-Core	1571	1864	19.89	\$79.00*
AMD Athlon 7850 Dual-Core	1713	1782	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2682	NA	NA
AMD Athlon Dual Core 4050e	1086	2117	NA	NA
AMD Athlon Dual Core 4450B	1166	2073	37.63	\$31.00*
AMD Athlon Dual Core 4450e	1105	2105	NA	NA
AMD Athlon Dual Core 4850B	1391	1940	NA	NA
AMD Athlon Dual Core 4850e	1311	1983	33.63	\$39.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 5000B	1300	1988	13.69	\$95.00*
AMD Athlon Dual Core 5050e	1343	1966	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1316	1980	NA	NA
AMD Athlon Dual Core 5400B	1411	1934	NA	NA
AMD Athlon Dual Core 5600B	1304	1986	NA	NA
AMD Athlon II 160u	560	2399	18.68	\$29.99*
AMD Athlon II 170u	625	2364	20.89	\$29.95*
AMD Athlon II Dual-Core M300	1115	2095	NA	NA
AMD Athlon II Dual-Core M320	1141	2089	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2134	NA	NA
AMD Athlon II N330 Dual-Core	1154	2080	NA	NA
AMD Athlon II N350 Dual-Core	1249	2026	NA	NA
AMD Athlon II N370 Dual-Core	1559	1868	NA	NA
AMD Athlon II Neo K125	473	2463	NA	NA
AMD Athlon II Neo K145	525	2417	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2292	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2255	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2288	NA	NA
AMD Athlon II P320 Dual-Core	1217	2041	40.65	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2025	27.82	\$44.95*
AMD Athlon II P360 Dual-Core	1318	1979	54.93	\$24.00*
AMD Athlon II X2 210e	1486	1903	NA	NA
AMD Athlon II X2 215	1571	1863	131.08	\$11.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 220	1631	1832	50.70	\$32.19
AMD Athlon II X2 225	1526	1879	NA	NA
AMD Athlon II X2 235e	1658	1821	9.12	\$181.88*
AMD Athlon II X2 240	1643	1827	47.02	\$34.95
AMD Athlon II X2 240e	1695	1799	48.52	\$34.95*
AMD Athlon II X2 245	1661	1820	47.54	\$34.95*
AMD Athlon II X2 245e	1709	1787	21.37	\$80.00*
AMD Athlon II X2 250	1741	1766	44.72	\$38.95
AMD Athlon II X2 250e	1939	1671	25.28	\$76.73*
AMD Athlon II X2 250u	1000	2165	28.64	\$34.95*
AMD Athlon II X2 255	1840	1724	28.22	\$65.22*
AMD Athlon II X2 260	1873	1708	93.70	\$19.99*
AMD Athlon II X2 260u	1107	2103	13.28	\$83.44*
AMD Athlon II X2 265	1890	1700	22.81	\$82.88*
AMD Athlon II X2 270	1978	1654	82.48	\$23.99*
AMD Athlon II X2 270u	1350	1964	19.96	\$67.67*
AMD Athlon II X2 280	2129	1590	21.30	\$99.99*
AMD Athlon II X2 4300e	1350	1963	NA	NA
AMD Athlon II X2 4400e	1616	1842	NA	NA
AMD Athlon II X2 4450e	1504	1894	NA	NA
AMD Athlon II X2 B22	1711	1784	41.05	\$41.69*
AMD Athlon II X2 B24	1775	1749	52.06	\$34.10
AMD Athlon II X2 B26	1897	1694	54.28	\$34.95*
AMD Athlon II X2 B28	2085	1612	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1643	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1635	25.32	\$79.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 415e	2247	1545	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1525	19.68	\$116.15*
AMD Athlon II X3 425	2317	1510	85.86	\$26.99*
AMD Athlon II X3 425e	2239	1550	NA	NA
AMD Athlon II X3 435	2475	1457	82.54	\$29.99*
AMD Athlon II X3 440	2565	1423	95.07	\$26.99*
AMD Athlon II X3 445	2574	1417	28.29	\$91.00*
AMD Athlon II X3 450	2620	1399	68.95	\$38.01
AMD Athlon II X3 455	2765	1355	70.93	\$38.99*
AMD Athlon II X3 460	2863	1324	73.45	\$38.99*
AMD Athlon II X4 553	3814	1047	NA	NA
AMD Athlon II X4 555	3830	1042	NA	NA
AMD Athlon II X4 559	4141	981	NA	NA
AMD Athlon II X4 600e	2453	1462	18.84	\$130.23*
AMD Athlon II X4 605e	2738	1367	26.90	\$101.80*
AMD Athlon II X4 610e	2790	1348	39.87	\$69.99*
AMD Athlon II X4 615e	2901	1316	49.17	\$59.00*
AMD Athlon II X4 620	2933	1297	41.91	\$69.99*
AMD Athlon II X4 620e	2906	1308	NA	NA
AMD Athlon II X4 630	3135	1232	72.94	\$42.99*
AMD Athlon II X4 631 Quad-Core	3153	1227	39.42	\$80.00*
AMD Athlon II X4 635	3234	1196	46.24	\$69.95
AMD Athlon II X4 638 Quad-Core	3198	1207	120.73	\$26.49*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 640	3313	1177	41.44	\$79.95
AMD Athlon II X4 641 Quad-Core	3346	1168	36.57	\$91.50*
AMD Athlon II X4 645	3473	1133	69.48	\$49.99*
AMD Athlon II X4 650	3482	1131	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	1106	20.09	\$178.04*
AMD Athlon II X4 655	2998	1278	NA	NA
AMD Athlon II X4 6400e	2594	1409	NA	NA
AMD Athlon L110	303	2652	NA	NA
AMD Athlon LE-1600	567	2396	27.04	\$21.00*
AMD Athlon LE-1620	572	2392	31.80	\$18.00*
AMD Athlon LE-1640	627	2362	NA	NA
AMD Athlon LE-1660	679	2340	NA	NA
AMD Athlon MP	230	2753	4.20	\$54.95*
AMD Athlon MP 1700+	339	2614	NA	NA
AMD Athlon MP 2400+	436	2504	NA	NA
AMD Athlon MP 2800+	497	2438	NA	NA
AMD Athlon Neo MV-40	410	2526	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2163	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2291	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2269	NA	NA
AMD Athlon PRO 200GE	5204	771	NA	NA
AMD Athlon QI-46	473	2462	NA	NA
AMD Athlon TF-20	413	2522	NA	NA
AMD Athlon TF-36	395	2551	NA	NA
AMD Athlon X2 215	1543	1873	NA	NA
AMD Athlon X2 235e	1806	1738	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 240	1602	1851	NA	NA
AMD Athlon X2 240e	1670	1812	NA	NA
AMD Athlon X2 250	1696	1798	NA	NA
AMD Athlon X2 255	1627	1836	NA	NA
AMD Athlon X2 280	2303	1518	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1911	1688	38.23	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1544	NA	NA
AMD Athlon X2 440	1424	1928	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2290	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2167	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2226	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2101	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2042	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2024	NA	NA
AMD Athlon X2 Dual Core L310	644	2354	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2158	NA	NA
AMD Athlon X3 425	2191	1568	NA	NA
AMD Athlon X3 435	2574	1418	26.96	\$95.49*
AMD Athlon X3 440	2078	1614	23.62	\$87.99*
AMD Athlon X3 445	2314	1512	NA	NA
AMD Athlon X3 450	3064	1256	38.80	\$78.99*
AMD Athlon X3 455	2401	1483	NA	NA
AMD Athlon X4 605e	2505	1445	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X4 620	2861	1326	47.74	\$59.95
AMD Athlon X4 635	2891	1319	23.71	\$121.99*
AMD Athlon X4 640	3172	1215	NA	NA
AMD Athlon X4 740 Quad Core	4011	1000	14.48	\$277.00*
AMD Athlon X4 750 Quad Core	4551	896	NA	NA
AMD Athlon X4 750K Quad Core	4253	957	55.24	\$76.99*
AMD Athlon X4 760K Quad Core	4594	890	109.44	\$41.98*
AMD Athlon X4 830	4701	867	NA	NA
AMD Athlon X4 840	5042	804	64.04	\$78.74*
AMD Athlon X4 845	5418	739	101.99	\$53.13
AMD Athlon X4 860K	5418	738	99.43	\$54.50*
AMD Athlon X4 870K	5288	762	66.12	\$79.99*
AMD Athlon X4 880K	5544	720	55.45	\$99.99*
AMD Athlon X4 950	5249	767	75.18	\$69.83
AMD Athlon XP1600+	281	2694	NA	NA
AMD Athlon XP1900+	353	2599	NA	NA
AMD Athlon XP2100+	287	2684	NA	NA
AMD Athlon XP2200+	401	2542	NA	NA
AMD Athlon XP2400+	374	2572	NA	NA
AMD Athlon XP 1500	282	2693	NA	NA
AMD Athlon XP 1500+	257	2724	NA	NA
AMD Athlon XP 1600+	267	2714	NA	NA
AMD Athlon XP 1700	344	2610	NA	NA
AMD Athlon XP 1700+	271	2710	4.43	\$61.25
AMD Athlon XP 1800+	300	2659	5.10	\$58.95*
AMD Athlon XP 1900+	312	2643	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2000+	299	2660	12.00	\$24.99*
AMD Athlon XP 2100+	323	2626	NA	NA
AMD Athlon XP 2200+	328	2625	3.87	\$84.95*
AMD Athlon XP 2300+	464	2470	NA	NA
AMD Athlon XP 2400+	360	2593	4.01	\$89.99
AMD Athlon XP 2500+	355	2596	NA	NA
AMD Athlon XP 2600+	372	2577	16.18	\$23.03*
AMD Athlon XP 2700+	393	2554	4.64	\$84.79*
AMD Athlon XP 2800+	400	2544	NA	NA
AMD Athlon XP 2900+	424	2518	NA	NA
AMD Athlon XP 3000+	402	2540	5.06	\$79.70*
AMD Athlon XP 3100+	433	2508	NA	NA
AMD Athlon XP 3200+	431	2510	NA	NA
AMD Athlon XP 3400+	570	2395	NA	NA
AMD Athlon XP Pro3+	367	2584	NA	NA
AMD Athlon XP-M	541	2408	15.48	\$34.95*
AMD C-30	310	2645	NA	NA
AMD C-50	462	2473	NA	NA
AMD C-60	466	2467	NA	NA
AMD C-60 APU	543	2405	NA	NA
AMD C-70 APU	558	2400	NA	NA
AMD E1 Micro-6200T APU	960	2196	NA	NA
AMD E1-1200 APU	655	2350	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E1-1500 APU	688	2335	NA	NA
AMD E1-2100 APU	639	2358	NA	NA
AMD E1-2200 APU	767	2294	NA	NA
AMD E1-2500 APU	888	2242	NA	NA
AMD E1-6010 APU	862	2249	NA	NA
AMD E1-6015 APU	899	2238	NA	NA
AMD E1-7010 APU	1002	2164	NA	NA
AMD E2-1800 APU	816	2273	NA	NA
AMD E2-2000 APU	825	2270	NA	NA
AMD E2-3000 APU	1105	2106	NA	NA
AMD E2-3000M APU	1096	2110	54.84	\$20.00*
AMD E2-3200 APU	1386	1942	173.59	\$7.99*
AMD E2-3800 APU	1639	1828	NA	NA
AMD E2-6110 APU	1909	1689	NA	NA
AMD E2-7110 APU	2281	1529	NA	NA
AMD E2-9000	1673	1809	NA	NA
AMD E2-9000e	1342	1968	NA	NA
AMD E2-9010	1745	1763	NA	NA
AMD E2-9030	1515	1889	NA	NA
AMD E-240	317	2634	NA	NA
AMD E-300 APU	610	2370	NA	NA
AMD E-350	746	2307	NA	NA
AMD E-350 APU	753	2302	NA	NA
AMD E-350D APU	726	2314	NA	NA
AMD E-450 APU	766	2295	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1754	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1609	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2483	1454	NA	NA
AMD Embedded R-Series RX-216GD	2409	1477	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	795	NA	NA
AMD Embedded R-Series RX-421BD	4635	879	NA	NA
AMD EPYC 7251 8-Core	11344	229	21.29	\$532.77
AMD EPYC 7301	18564	71	21.42	\$866.51
AMD EPYC 7351	18061	78	14.30	\$1,263.00
AMD EPYC 7351P	15820	123	19.93	\$793.63
AMD EPYC 7371	22071	31	NA	NA
AMD EPYC 7401P	19555	61	17.41	\$1,123.28
AMD EPYC 7501	18942	67	5.41	\$3,498.72
AMD EPYC 7551	18483	73	5.19	\$3,559.56
AMD EPYC 7551P	18406	74	8.37	\$2,199.81
AMD FirePro A320 APU	4540	902	NA	NA
AMD FX-670K Quad-Core	4550	897	NA	NA
AMD FX-770K Quad-Core	4803	852	NA	NA
AMD FX-870K Quad Core	5021	808	NA	NA
AMD FX-4100 Quad-Core	4069	991	31.31	\$129.99*
AMD FX-4130 Quad-Core	4163	974	54.79	\$75.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-4150 Quad-Core	4594	891	NA	NA
AMD FX-4170 Quad-Core	4866	836	48.67	\$99.99*
AMD FX-4200 Quad-Core	4235	961	18.56	\$228.21*
AMD FX-4300 Quad-Core	4692	870	73.69	\$63.68
AMD FX-4320	5005	812	NA	NA
AMD FX-4330	5321	761	NA	NA
AMD FX-4350 Quad-Core	5342	756	12.42	\$430.00
AMD FX-6100 Six-Core	5388	744	21.30	\$253.00
AMD FX-6120 Six-Core	5732	697	NA	NA
AMD FX-6130 Six-Core	6215	644	NA	NA
AMD FX-6200 Six-Core	6124	656	18.02	\$339.95
AMD FX-6300 Six-Core	6389	629	93.97	\$67.99
AMD FX-6330 Six-Core	6916	577	NA	NA
AMD FX-6350 Six-Core	6999	568	51.94	\$134.75
AMD FX-7500 APU	3211	1203	NA	NA
AMD FX-7600P	4049	994	NA	NA
AMD FX-7600P APU	4627	882	NA	NA
AMD FX-8100 Eight-Core	5996	669	42.23	\$142.00*
AMD FX-8120 Eight-Core	6598	610	65.99	\$99.99*
AMD FX-8140 Eight-Core	6133	654	NA	NA
AMD FX-8150 Eight-Core	7631	510	5.28	\$1,445.01*
AMD FX-8300 Eight-Core	7726	498	85.86	\$89.99
AMD FX-8310 Eight-Core	7723	501	NA	NA
AMD FX-8320 Eight-Core	8017	473	53.81	\$149.00
AMD FX-8320E Eight-Core	7548	515	78.71	\$95.90
AMD FX-8350 Eight-Core	8950	394	123.46	\$72.50
AMD FX-8370 Eight-Core	9036	384	74.66	\$121.05
AMD FX-8370E Eight-Core	7804	492	37.34	\$209.00
AMD FX-8800P	4143	979	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-9370 Eight-Core	9445	351	16.15	\$585.00
AMD FX-9590 Eight-Core	10192	280	57.93	\$175.95
AMD FX-9800P	3975	1010	NA	NA
AMD FX-9830P	4775	856	NA	NA
AMD FX-B4150 Quad-Core	4611	887	NA	NA
AMD G-T40E	467	2466	NA	NA
AMD G-T40N	516	2425	NA	NA
AMD G-T40R	203	2780	NA	NA
AMD G-T44R	227	2755	NA	NA
AMD G-T48E	696	2330	NA	NA
AMD G-T52R	308	2647	NA	NA
AMD G-T56E	751	2303	NA	NA
AMD G-T56N	793	2287	NA	NA
AMD Geode NX	264	2717	NA	NA
AMD Geode NX 1750	291	2673	NA	NA
AMD GX-210JA SOC	401	2543	NA	NA
AMD GX-212JC SOC	744	2308	NA	NA
AMD GX-217GA SOC	1103	2107	NA	NA
AMD GX-218GL SOC	1115	2094	NA	NA
AMD GX-222GC SOC	1255	2021	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD GX-412HC	1497	1899	NA	NA
AMD GX-415GA SOC	1946	1668	NA	NA
AMD GX-420CA SOC	2412	1475	NA	NA
AMD GX-424CC SOC	2491	1449	NA	NA
AMD K7	403	2538	NA	NA
AMD Opteron 140	396	2549	0.56	\$710.00*
AMD Opteron 142	428	2514	NA	NA
AMD Opteron 144	486	2449	7.48	\$65.00*
AMD Opteron 146	532	2414	8.87	\$59.99*
AMD Opteron 148	603	2375	NA	NA
AMD Opteron 150	604	2373	NA	NA
AMD Opteron 152	658	2346	NA	NA
AMD Opteron 154	703	2328	NA	NA
AMD Opteron 165	899	2239	1.47	\$610.00*
AMD Opteron 170	1097	2109	NA	NA
AMD Opteron 175	1167	2071	NA	NA
AMD Opteron 180	1233	2033	9.49	\$129.95*
AMD Opteron 185	1360	1958	NA	NA
AMD Opteron 246	632	2361	31.62	\$19.99*
AMD Opteron 248	476	2460	4.77	\$99.95
AMD Opteron 250	649	2351	59.01	\$11.00*
AMD Opteron 252	760	2299	12.00	\$63.36*
AMD Opteron 254	693	2333	NA	NA
AMD Opteron 256	963	2191	50.72	\$19.00*
AMD Opteron 265	963	2192	13.20	\$73.00
AMD Opteron 270	1170	2069	1.93	\$607.47*
AMD Opteron 275	1291	1997	19.87	\$64.99
AMD Opteron 280	1176	2063	1.48	\$796.67*
AMD Opteron 285	1470	1908	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 290	1464	1911	10.85	\$135.00*
AMD Opteron 1210	923	2222	NA	NA
AMD Opteron 1210 HE	971	2186	NA	NA
AMD Opteron 1212	1009	2159	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1984	NA	NA
AMD Opteron 1214	1191	2056	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1989	NA	NA
AMD Opteron 1216	1311	1982	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2068	NA	NA
AMD Opteron 1218	1468	1909	NA	NA
AMD Opteron 1218 HE	1444	1920	NA	NA
AMD Opteron 1220	1653	1824	NA	NA
AMD Opteron 1222	1757	1756	NA	NA
AMD Opteron 1352	2316	1511	17.04	\$135.99*
AMD Opteron 1354	2630	1396	19.49	\$135.00
AMD Opteron 1356	2765	1356	30.73	\$89.99*
AMD Opteron 1381	3065	1255	NA	NA
AMD Opteron 2212	1270	2012	63.53	\$20.00*
AMD Opteron 2214	1358	1961	46.85	\$29.00*
AMD Opteron 2214 HE	1415	1932	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2216	1518	1888	61.21	\$24.80
AMD Opteron 2218	1594	1855	49.18	\$32.42*
AMD Opteron 2220	1701	1793	1.15	\$1,475.16*
AMD Opteron 2220 SE	1398	1937	55.92	\$25.00*
AMD Opteron 2222	1843	1722	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1681	NA	NA
AMD Opteron 2350	2820	1337	10.45	\$269.99*
AMD Opteron 2356	2814	1339	15.49	\$181.65*
AMD Opteron 2373 EE	2789	1349	NA	NA
AMD Opteron 2374 HE	2951	1291	15.53	\$189.99*
AMD Opteron 2376	2283	1527	13.69	\$166.81*
AMD Opteron 2378	3179	1214	17.76	\$179.00*
AMD Opteron 2380	2640	1394	58.69	\$45.00
AMD Opteron 2384	3538	1116	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1117	NA	NA
AMD Opteron 2393 SE	2246	1546	NA	NA
AMD Opteron 2427	3069	1253	31.00	\$99.00
AMD Opteron 2431	4516	908	112.91	\$40.00
AMD Opteron 2435	4708	866	24.91	\$189.00
AMD Opteron 3260 HE	3259	1185	NA	NA
AMD Opteron 3280	5403	741	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1384	NA	NA
AMD Opteron 3350 HE	4009	1001	NA	NA
AMD Opteron 3365	5963	671	NA	NA
AMD Opteron 3380	6384	630	7.89	\$809.00*
AMD Opteron 4122	2942	1294	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1219	NA	NA
AMD Opteron 4170 HE	3664	1086	62.11	\$59.00*
AMD Opteron 4184	4418	928	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	622	128.60	\$50.00
AMD Opteron 4284	6660	604	111.03	\$59.99*
AMD Opteron 4332 HE	5614	712	NA	NA
AMD Opteron 4334	6099	659	28.18	\$216.42*
AMD Opteron 4365 EE	5025	807	NA	NA
AMD Opteron 4386	6761	591	48.30	\$139.99*
AMD Opteron 6128	4505	909	225.37	\$19.99
AMD Opteron 6134	2938	1295	66.81	\$43.99
AMD Opteron 6136	4631	880	42.10	\$110.00*
AMD Opteron 6164 HE	5351	752	NA	NA
AMD Opteron 6172	5261	764	37.85	\$139.00
AMD Opteron 6174	6171	650	62.34	\$99.00
AMD Opteron 6176 SE	5465	732	34.37	\$159.00*
AMD Opteron 6212	5776	692	192.62	\$29.99*
AMD Opteron 6220	6785	587	113.11	\$59.99*
AMD Opteron 6234	5938	675	198.27	\$29.95*
AMD Opteron 6238	7673	507	127.92	\$59.99*
AMD Opteron 6272	6748	594	10.24	\$658.89
AMD Opteron 6274	4865	839	105.80	\$45.99
AMD Opteron 6276	8889	401	52.60	\$169.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6282 SE	9116	377	70.13	\$129.99*
AMD Opteron 6287 SE	9789	320	NA	NA
AMD Opteron 6328	7813	491	21.76	\$359.00
AMD Opteron 6366 HE	7503	519	37.52	\$199.99*
AMD Opteron 6376	9212	368	141.72	\$65.00
AMD Opteron 6378	2152	1581	5.40	\$399.00
AMD Opteron 6380	10081	292	103.95	\$96.99
AMD Opteron 6386 SE	10748	250	71.66	\$149.99*
AMD Opteron 8354	2255	1542	93.98	\$24.00
AMD Opteron 8439 SE	3813	1048	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1257	NA	NA
AMD Opteron X3216 APU	2366	1498	NA	NA
AMD Opteron X3418 APU	4659	873	NA	NA
AMD Opteron X3421 APU	4928	830	NA	NA
AMD Phenom 2 X4 12000	3005	1276	NA	NA
AMD Phenom 7950 Quad-Core	2991	1279	NA	NA
AMD Phenom 8250 Triple-Core	1644	1826	NA	NA
AMD Phenom 8250e Triple-Core	1619	1841	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1831	NA	NA
AMD Phenom 8450 Triple-Core	1889	1702	63.08	\$29.95*
AMD Phenom 8450e Triple-Core	2040	1628	NA	NA
AMD Phenom 8600 Triple-Core	1706	1790	32.20	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1678	36.33	\$52.99*
AMD Phenom 8650 Triple-Core	1989	1649	39.79	\$49.99*
AMD Phenom 8750 Triple-Core	2055	1624	NA	NA
AMD Phenom 8750B Triple-Core	2034	1631	NA	NA
AMD Phenom 8850 Triple-Core	1968	1660	NA	NA
AMD Phenom 8850B Triple-Core	2080	1613	NA	NA
AMD Phenom 9100e Quad-Core	1835	1728	45.96	\$39.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9150e Quad-Core	2112	1599	52.88	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1509	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1398	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2203	1563	76.01	\$28.99*
AMD Phenom 9550 Quad-Core	2543	1430	87.73	\$28.99*
AMD Phenom 9600 Quad-Core	2306	1516	46.18	\$49.95
AMD Phenom 9600B Quad-Core	2573	1419	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2636	1395	47.98	\$54.95*
AMD Phenom 9750 Quad-Core	2812	1342	46.91	\$59.95
AMD Phenom 9750B Quad-Core	2709	1375	NA	NA
AMD Phenom 9850 Quad-Core	2892	1318	24.11	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1224	NA	NA
AMD Phenom 9950 Quad-Core	3010	1271	22.30	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1439	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1293	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1093	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1127	NA	NA
AMD Phenom II N620 Dual-Core	1679	1804	420.83	\$3.99*
AMD Phenom II N640 Dual-Core	1716	1781	26.42	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1717	18.70	\$99.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N830 3+1	2652	1389	NA	NA
AMD Phenom II N830 Triple-Core	1889	1701	NA	NA
AMD Phenom II N850 Triple-Core	1937	1672	77.51	\$25.00*
AMD Phenom II N870 Triple-Core	1993	1646	NA	NA
AMD Phenom II N930 Quad-Core	2274	1533	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1453	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2521	1437	16.81	\$149.99*
AMD Phenom II P650 Dual-Core	1597	1854	45.66	\$35.00*
AMD Phenom II P820 Triple-Core	1604	1849	NA	NA
AMD Phenom II P840 Triple-Core	1722	1774	NA	NA
AMD Phenom II P860 Triple-Core	1756	1758	NA	NA
AMD Phenom II P920 Quad-Core	1866	1710	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1735	NA	NA
AMD Phenom II P960 Quad-Core	2086	1610	74.53	\$28.00*
AMD Phenom II X2 511	2104	1603	NA	NA
AMD Phenom II X2 521	2071	1617	NA	NA
AMD Phenom II X2 545	1917	1683	43.60	\$43.98*
AMD Phenom II X2 550	2021	1636	40.44	\$49.99*
AMD Phenom II X2 555	2045	1627	73.10	\$27.98*
AMD Phenom II X2 560	2056	1623	31.65	\$64.99*
AMD Phenom II X2 565	2222	1557	74.12	\$29.99*
AMD Phenom II X2 570	2068	1618	NA	NA
AMD Phenom II X2 B53	1709	1786	NA	NA
AMD Phenom II X2 B55	1921	1680	40.02	\$48.00*
AMD Phenom II X2 B57	1826	1733	NA	NA
AMD Phenom II X2 B59	2131	1587	109.42	\$19.48*
AMD Phenom II X3 700e	2242	1548	NA	NA
AMD Phenom II X3 705e	2227	1554	14.63	\$152.34*
AMD Phenom II X3 710	2446	1464	28.94	\$84.53*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 715	2649	1391	31.17	\$84.99*
AMD Phenom II X3 720	2669	1385	38.14	\$69.99*
AMD Phenom II X3 740	2985	1280	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1370	36.47	\$75.00*
AMD Phenom II X3 B75	2911	1305	72.80	\$39.99*
AMD Phenom II X3 B77	3067	1254	137.64	\$22.29*
AMD Phenom II X4 805	2998	1277	17.24	\$173.99*
AMD Phenom II X4 810	3122	1237	26.92	\$115.99*
AMD Phenom II X4 820	3395	1152	45.31	\$74.95*
AMD Phenom II X4 830	3434	1144	42.95	\$79.95
AMD Phenom II X4 840	3507	1122	38.99	\$89.95*
AMD Phenom II X4 840T	3599	1098	51.43	\$69.99*
AMD Phenom II X4 850	3549	1112	54.62	\$64.99*
AMD Phenom II X4 900e	2882	1322	NA	NA
AMD Phenom II X4 905e	3078	1251	57.02	\$53.99*
AMD Phenom II X4 910	3252	1189	32.52	\$100.00*
AMD Phenom II X4 910e	3254	1187	20.73	\$156.99*
AMD Phenom II X4 920	3393	1155	42.42	\$79.99
AMD Phenom II X4 925	3422	1145	77.79	\$43.99*
AMD Phenom II X4 940	3590	1100	60.50	\$59.34*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 945	3656	1088	56.29	\$64.95*
AMD Phenom II X4 955	3926	1024	30.17	\$130.16*
AMD Phenom II X4 960T	3785	1054	59.15	\$63.99*
AMD Phenom II X4 965	4183	972	22.74	\$184.01
AMD Phenom II X4 970	4322	948	29.18	\$148.11*
AMD Phenom II X4 973	3759	1062	NA	NA
AMD Phenom II X4 975	4455	917	31.90	\$139.69*
AMD Phenom II X4 977	3750	1066	NA	NA
AMD Phenom II X4 980	4493	913	19.54	\$229.99*
AMD Phenom II X4 8700e	2377	1491	NA	NA
AMD Phenom II X4 B05e	2792	1346	NA	NA
AMD Phenom II X4 B15e	2736	1369	NA	NA
AMD Phenom II X4 B25	3297	1180	NA	NA
AMD Phenom II X4 B35	3383	1158	NA	NA
AMD Phenom II X4 B40	3361	1163	NA	NA
AMD Phenom II X4 B45	3470	1136	NA	NA
AMD Phenom II X4 B50	3698	1078	NA	NA
AMD Phenom II X4 B55	3854	1035	NA	NA
AMD Phenom II X4 B60	4043	995	NA	NA
AMD Phenom II X4 B65	4177	973	NA	NA
AMD Phenom II X4 B70	4261	956	NA	NA
AMD Phenom II X4 B93	3358	1164	NA	NA
AMD Phenom II X4 B95	3684	1085	50.51	\$72.95*
AMD Phenom II X4 B97	3869	1033	43.01	\$89.95
AMD Phenom II X4 B99	4130	983	NA	NA
AMD Phenom II X6 1035T	4641	875	24.56	\$189.00*
AMD Phenom II X6 1045T	4801	854	44.45	\$108.01*
AMD Phenom II X6 1055T	4960	821	61.82	\$80.24*
AMD Phenom II X6 1065T	5047	802	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1075T	5331	758	47.18	\$112.99*
AMD Phenom II X6 1090T	5569	716	14.06	\$396.08*
AMD Phenom II X6 1100T	5714	698	32.20	\$177.49*
AMD Phenom II X6 1405T	5042	805	NA	NA
AMD Phenom II X620 Dual-Core	2189	1569	NA	NA
AMD Phenom II X640 Dual-Core	2021	1637	NA	NA
AMD Phenom II X920 Quad-Core	2650	1390	NA	NA
AMD Phenom II X940 Quad-Core	2695	1378	NA	NA
AMD Phenom Ultra X4 24500	3945	1020	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1797	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1562	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1761	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2061	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1923	NA	NA
AMD Phenom X3 8550	1927	1676	11.34	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1755	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1645	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1551	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1317	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1373	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X4 Quad-Core GP-9930	2690	1379	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2045	NA	NA
AMD PRO A4-3350B APU	2274	1534	NA	NA
AMD PRO A4-8350B	2791	1347	NA	NA
AMD PRO A6-7350B	2759	1360	NA	NA
AMD PRO A6-8500B	2516	1440	NA	NA
AMD PRO A6-8530B	2388	1486	NA	NA
AMD PRO A6-8550B	2970	1287	NA	NA
AMD PRO A6-8570	3049	1262	NA	NA
AMD PRO A6-8570E	2824	1334	NA	NA
AMD PRO A6-9500	3207	1204	43.34	\$74.00*
AMD PRO A6-9500B	2076	1615	NA	NA
AMD PRO A6-9500E	2760	1359	37.30	\$74.00*
AMD PRO A8-8600B	3524	1119	NA	NA
AMD PRO A8-8650B	5342	755	NA	NA
AMD PRO A8-8670E	5015	809	NA	NA
AMD PRO A8-9600	5277	763	44.35	\$119.00*
AMD PRO A8-9600B	3973	1011	NA	NA
AMD PRO A10-8700B	3560	1110	NA	NA
AMD PRO A10-8730B	3971	1013	NA	NA
AMD PRO A10-8750B	5473	727	NA	NA
AMD PRO A10-8770	5707	699	NA	NA
AMD PRO A10-8770E	5035	806	NA	NA
AMD PRO A10-8850B	5852	683	NA	NA
AMD PRO A10-9700	5677	705	33.59	\$169.00*
AMD PRO A10-9700B	4393	931	NA	NA
AMD PRO A10-9700E	5066	796	36.45	\$139.00*
AMD PRO A12-8800B	4137	982	NA	NA
AMD PRO A12-8830B	4325	946	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A12-8870	6067	664	NA	NA
AMD PRO A12-8870E	5186	777	NA	NA
AMD PRO A12-9800	6154	652	36.42	\$169.00*
AMD PRO A12-9800B	4129	984	NA	NA
AMD PRO A12-9800E	4769	858	28.22	\$169.00*
AMD QC-4000	1663	1818	NA	NA
AMD R-260H APU	1576	1861	NA	NA
AMD R-460L APU	1954	1665	NA	NA
AMD R-464L APU	3117	1239	NA	NA
AMD RX-427BB	4349	939	NA	NA
AMD Ryzen 3 1200	6727	596	84.11	\$79.99
AMD Ryzen 3 1300X	7501	520	57.71	\$129.99
AMD Ryzen 3 2200G	7312	543	76.98	\$94.99
AMD Ryzen 3 2200GE	6778	588	NA	NA
AMD Ryzen 3 2200U	4531	905	NA	NA
AMD Ryzen 3 2300U	6205	646	NA	NA
AMD Ryzen 3 2300X	8518	429	NA	NA
AMD Ryzen 3 3200U	4955	822	NA	NA
AMD Ryzen 3 PRO 1200	7069	563	NA	NA
AMD Ryzen 3 PRO 1300	8022	471	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 3 PRO 2200G	8042	469	NA	NA
AMD Ryzen 3 PRO 2200GE	7698	502	NA	NA
AMD Ryzen 3 PRO 2300U	7124	559	NA	NA
AMD Ryzen 5 1400	8362	439	57.68	\$144.99
AMD Ryzen 5 1500X	10076	293	64.64	\$155.90
AMD Ryzen 5 1600	12276	209	102.31	\$119.99
AMD Ryzen 5 1600X	13234	183	87.65	\$150.99
AMD Ryzen 5 2400G	9314	359	66.54	\$139.99
AMD Ryzen 5 2400GE	7932	479	NA	NA
AMD Ryzen 5 2500U	7330	540	NA	NA
AMD Ryzen 5 2500X	9663	331	NA	NA
AMD Ryzen 5 2600	13529	177	82.00	\$164.99
AMD Ryzen 5 2600H	7949	478	NA	NA
AMD Ryzen 5 2600X	14367	150	79.82	\$179.99
AMD Ryzen 5 3500U	7194	552	NA	NA
AMD Ryzen 5 3550H	8567	427	NA	NA
AMD Ryzen 5 PRO 1500	10133	287	NA	NA
AMD Ryzen 5 PRO 1600	12213	211	NA	NA
AMD Ryzen 5 PRO 2400G	10015	296	NA	NA
AMD Ryzen 5 PRO 2400GE	8718	412	NA	NA
AMD Ryzen 5 PRO 2500U	8538	428	NA	NA
AMD Ryzen 5 PRO 2600	14407	148	NA	NA
AMD Ryzen 7 1700	13769	169	86.25	\$159.65
AMD Ryzen 7 1700X	14690	138	82.91	\$177.19
AMD Ryzen 7 1800X	15413	127	74.12	\$207.95
AMD Ryzen 7 2700	15056	133	66.92	\$224.99
AMD Ryzen 7 2700U	7345	537	NA	NA
AMD Ryzen 7 2700X	16987	89	57.59	\$294.99
AMD Ryzen 7 2800H	8498	430	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 3700U	6092	661	NA	NA
AMD Ryzen 7 PRO 1700	14171	154	NA	NA
AMD Ryzen 7 PRO 1700X	15349	129	NA	NA
AMD Ryzen 7 PRO 2700	15897	116	NA	NA
AMD Ryzen 7 PRO 2700U	8897	399	NA	NA
AMD Ryzen 7 PRO 2700X	17276	84	NA	NA
AMD Ryzen Embedded V1202B	5051	799	NA	NA
AMD Ryzen Embedded V1605B	7864	482	NA	NA
AMD Ryzen Embedded V1807B	7529	516	NA	NA
AMD Ryzen Threadripper 1900X	16122	110	53.74	\$299.99*
AMD Ryzen Threadripper 1920X	19572	60	65.24	\$299.99
AMD Ryzen Threadripper 1950X	21849	34	42.02	\$519.99
AMD Ryzen Threadripper 2920X	22088	30	36.81	\$599.99
AMD Ryzen Threadripper 2950X	25475	13	29.66	\$858.95
AMD Ryzen Threadripper 2970WX	21875	33	17.71	\$1,235.00
AMD Ryzen Threadripper 2990WX	23529	22	13.84	\$1,699.99
AMD Ryzen Threadripper 2990X	19227	65	NA	NA
AMD Sempron 130	656	2349	26.29	\$24.99*
AMD Sempron 140	735	2310	18.58	\$39.59*
AMD Sempron 145	806	2282	8.50	\$94.92

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 150	707	2324	15.74	\$44.95*
AMD Sempron 200U	267	2713	3.08	\$87.00*
AMD Sempron 210U	391	2559	NA	NA
AMD Sempron 240	2110	1600	36.39	\$58.00
AMD Sempron 2100+	392	2557	NA	NA
AMD Sempron 2200+	281	2697	9.38	\$29.99*
AMD Sempron 2300+	318	2633	7.07	\$45.00*
AMD Sempron 2400+	314	2641	12.10	\$26.00*
AMD Sempron 2500+	335	2617	3.54	\$94.95*
AMD Sempron 2600+	373	2575	10.70	\$34.95
AMD Sempron 2650 APU	944	2210	17.60	\$53.68
AMD Sempron 2800+	383	2563	6.40	\$59.95
AMD Sempron 3000+	408	2531	20.41	\$20.00
AMD Sempron 3100+	452	2484	7.53	\$60.00*
AMD Sempron 3200+	406	2532	3.10	\$131.22*
AMD Sempron 3300+	484	2454	8.07	\$60.00
AMD Sempron 3400+	454	2482	3.47	\$131.22*
AMD Sempron 3500+	379	2566	18.98	\$20.00*
AMD Sempron 3600+	487	2447	40.59	\$12.00*
AMD Sempron 3800+	554	2401	3.62	\$152.92*
AMD Sempron 3850 APU	1711	1783	27.61	\$62.00
AMD Sempron Dual Core 2100	936	2212	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2170	NA	NA
AMD Sempron Dual Core 2300	982	2179	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2205	NA	NA
AMD Sempron Dual Core 4900	1081	2122	NA	NA
AMD Sempron LE-250	490	2442	NA	NA
AMD Sempron LE-1100	438	2501	NA	NA
AMD Sempron LE-1150	444	2492	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron LE-1200	528	2415	NA	NA
AMD Sempron LE-1250	541	2407	5.41	\$99.95*
AMD Sempron LE-1300	598	2377	27.22	\$22.00
AMD Sempron LE-1600	535	2412	NA	NA
AMD Sempron LE-1620	635	2360	NA	NA
AMD Sempron LE-1640	759	2300	NA	NA
AMD Sempron M100	561	2398	46.80	\$12.00*
AMD Sempron M120	582	2385	NA	NA
AMD Sempron SI-40	443	2494	36.93	\$12.00*
AMD Sempron SI-42	456	2481	15.22	\$30.01*
AMD Sempron X2 180	1222	2038	17.62	\$69.40*
AMD Sempron X2 190	1512	1892	18.12	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1933	NA	NA
AMD Turion 64 Mobile MK-36	465	2468	NA	NA
AMD Turion 64 Mobile MK-38	513	2426	NA	NA
AMD Turion 64 Mobile ML-28	390	2560	NA	NA
AMD Turion 64 Mobile ML-30	402	2541	NA	NA
AMD Turion 64 Mobile ML-32	409	2528	NA	NA
AMD Turion 64 Mobile ML-34	425	2517	NA	NA
AMD Turion 64 Mobile ML-37	442	2495	2.25	\$196.50*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile ML-40	522	2420	NA	NA
AMD Turion 64 Mobile ML-42	615	2368	NA	NA
AMD Turion 64 Mobile ML-44	591	2379	NA	NA
AMD Turion 64 Mobile MT-28	419	2519	NA	NA
AMD Turion 64 Mobile MT-30	378	2567	NA	NA
AMD Turion 64 Mobile MT-32	426	2516	NA	NA
AMD Turion 64 Mobile MT-34	429	2512	NA	NA
AMD Turion 64 Mobile MT-37	484	2453	NA	NA
AMD Turion 64 Mobile MT-40	536	2410	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2306	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2296	NA	NA
AMD Turion 64 X2 Mobile TL-56	890	2241	44.53	\$20.00*
AMD Turion 64 X2 Mobile TL-58	946	2207	NA	NA
AMD Turion 64 X2 Mobile TL-60	995	2171	45.35	\$21.95*
AMD Turion 64 X2 Mobile TL-62	1087	2116	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1094	2113	27.78	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2088	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2074	12.92	\$90.00*
AMD Turion Dual-Core RM-70	904	2236	36.16	\$25.00*
AMD Turion Dual-Core RM-72	860	2250	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2156	NA	NA
AMD Turion Dual-Core RM-75	977	2181	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1294	1994	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1985	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1971	NA	NA
AMD Turion II N530 Dual-Core	1583	1860	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1881	NA	NA
AMD Turion II Neo K625 Dual-Core	975	2183	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2058	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II Neo N40L Dual-Core	929	2217	NA	NA
AMD Turion II Neo N54L Dual-Core	1361	1955	NA	NA
AMD Turion II P520 Dual-Core	1359	1960	NA	NA
AMD Turion II P540 Dual-Core	1430	1925	28.63	\$49.95*
AMD Turion II P560 Dual-Core	1514	1891	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	1935	78.98	\$17.81*
AMD Turion II Ultra Dual-Core Mobile M620	1430	1924	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1813	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1876	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2278	NA	NA
AMD Turion X2 Dual Core L510	923	2223	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2252	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2131	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	993	2175	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2118	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2130	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1137	2090	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2082	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1012	2157	72.31	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2120	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2046	63.72	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2031	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1992	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1232	2034	30.86	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2169	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2149	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1916	NA	NA
AMD V105	299	2661	NA	NA
AMD V120	623	2366	NA	NA
AMD V140	643	2356	12.88	\$49.95*
AMD V160	677	2342	NA	NA
AMD Z-01	523	2419	NA	NA
AMD Z-60 APU	500	2437	NA	NA
AMD-K6 3D	90	2837	NA	NA
AMD-K6-III	108	2834	NA	NA
AMD-K7	403	2539	NA	NA
Athlon 64 Dual Core 3800+	1234	2032	NA	NA
Athlon 64 Dual Core 4200+	1156	2078	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	1951	NA	NA
Athlon 64 Dual Core 5000+	1507	1893	NA	NA
Athlon 64 Dual Core 5400+	1614	1844	NA	NA
Athlon 64 Dual Core 5600+	1548	1871	NA	NA
Athlon Dual Core 4050e	968	2188	NA	NA
Athlon Dual Core 4450e	1204	2048	NA	NA
Athlon Dual Core 4850e	1327	1975	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1330	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1084	2119	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1169	2070	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1201	2051	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Celeron Dual-Core T3500 @ 2.10GHz	1275	2008	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2047	NA	NA
HP Hexa-Core 2.0GHz	2178	1571	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2254	NA	NA
Intel 1400 @ 1.83GHz	980	2180	NA	NA
Intel 1500 @ 2.00GHz	1024	2151	NA	NA
Intel Atom 230 @ 1.60GHz	306	2648	NA	NA
Intel Atom 330 @ 1.60GHz	587	2383	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2240	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2195	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1611	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1540	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1573	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	1051	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1169	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1223	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1461	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1432	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	842	14.62	\$332.00*
Intel Atom D410 @ 1.66GHz	301	2657	0.47	\$635.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D425 @ 1.80GHz	345	2609	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2348	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2325	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2537	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2339	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2320	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2263	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2317	NA	NA
Intel Atom E660 @ 1.30GHz	271	2708	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2606	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2622	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2388	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2444	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2259	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2075	NA	NA
Intel Atom E3845 @ 1.91GHz	1501	1895	NA	NA
Intel Atom E3940 @ 1.60GHz	1873	1707	NA	NA
Intel Atom E3950 @ 1.60GHz	1855	1715	NA	NA
Intel Atom K510 @ 1.66GHz	658	2347	NA	NA
Intel Atom N270 @ 1.60GHz	270	2712	NA	NA
Intel Atom N280 @ 1.66GHz	283	2690	NA	NA
Intel Atom N435 @ 1.33GHz	261	2720	NA	NA
Intel Atom N450 @ 1.66GHz	295	2669	NA	NA
Intel Atom N455 @ 1.66GHz	283	2689	NA	NA
Intel Atom N470 @ 1.83GHz	318	2632	NA	NA
Intel Atom N475 @ 1.83GHz	314	2639	NA	NA
Intel Atom N550 @ 1.50GHz	524	2418	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	571	2394	6.64	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2653	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N2600 @ 1.60GHz	525	2416	NA	NA
Intel Atom N2800 @ 1.86GHz	626	2363	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2228	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1629	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2279	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1623	1840	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1194	2053	8.98	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1018	2154	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1265	2016	60.27	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1697	1796	27.13	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1837	1727	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1895	1695	25.75	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1902	1690	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2788	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2764	NA	NA
Intel Atom Z520 @ 1.33GHz	216	2767	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2696	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2603	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2564	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2744	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z2760 @ 1.80GHz	567	2397	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2229	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2220	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2235	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	908	2234	NA	NA
Intel Atom Z3736F @ 1.33GHz	919	2227	NA	NA
Intel Atom Z3740 @ 1.33GHz	1061	2129	NA	NA
Intel Atom Z3740D @ 1.33GHz	1025	2150	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2125	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1034	2143	NA	NA
Intel Atom Z3770 @ 1.46GHz	1245	2029	8.34	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2283	NA	NA
Intel Atom Z3775 @ 1.46GHz	1259	2018	35.99	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2007	NA	NA
Intel Atom Z3795 @ 1.60GHz	1772	1752	NA	NA
Intel Celeron 1.70GHz	130	2827	NA	NA
Intel Celeron 1.80GHz	136	2824	NA	NA
Intel Celeron 2.00GHz	182	2800	NA	NA
Intel Celeron 2.10GHz	244	2742	NA	NA
Intel Celeron 2.13GHz	208	2775	NA	NA
Intel Celeron 2.20GHz	213	2770	NA	NA
Intel Celeron 2.26GHz	223	2759	NA	NA
Intel Celeron 2.30GHz	227	2756	NA	NA
Intel Celeron 2.40GHz	217	2765	NA	NA
Intel Celeron 2.50GHz	247	2736	NA	NA
Intel Celeron 2.53GHz	245	2740	NA	NA
Intel Celeron 2.60GHz	238	2747	NA	NA
Intel Celeron 2.66GHz	250	2733	NA	NA
Intel Celeron 2.70GHz	245	2741	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.80GHz	254	2726	NA	NA
Intel Celeron 2.93GHz	283	2688	NA	NA
Intel Celeron 3.06GHz	285	2685	NA	NA
Intel Celeron 3.20GHz	288	2678	NA	NA
Intel Celeron 3.33GHz	333	2620	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2628	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2630	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2486	11.27	\$39.99*
Intel Celeron 430 @ 1.80GHz	490	2443	9.12	\$53.75
Intel Celeron 440 @ 2.00GHz	548	2402	9.14	\$59.99
Intel Celeron 450 @ 2.20GHz	624	2365	20.82	\$29.99*
Intel Celeron 530 @ 1.73GHz	470	2464	20.46	\$23.00*
Intel Celeron 540 @ 1.86GHz	518	2421	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2423	7.96	\$64.95
Intel Celeron 560 @ 2.13GHz	535	2411	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2422	NA	NA
Intel Celeron 600MHz	147	2820	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2535	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2511	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2304	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 807UE @ 1.00GHz	369	2581	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2369	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2213	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1030	2145	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2086	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2067	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	1998	NA	NA
Intel Celeron 887 @ 1.50GHz	1274	2009	NA	NA
Intel Celeron 900 @ 2.20GHz	678	2341	23.41	\$28.99
Intel Celeron 925 @ 2.30GHz	695	2331	NA	NA
Intel Celeron 1000M @ 1.80GHz	1677	1806	NA	NA
Intel Celeron 1000MHz	213	2769	NA	NA
Intel Celeron 1005M @ 1.90GHz	1809	1737	NA	NA
Intel Celeron 1007U @ 1.50GHz	1389	1941	7.51	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1520	1883	NA	NA
Intel Celeron 1019Y @ 1.00GHz	931	2215	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1553	NA	NA
Intel Celeron 1037U @ 1.80GHz	1735	1770	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2057	NA	NA
Intel Celeron 1066MHz	259	2722	NA	NA
Intel Celeron 1100MHz	174	2806	NA	NA
Intel Celeron 1133MHz	282	2691	NA	NA
Intel Celeron 1200MHz	244	2743	NA	NA
Intel Celeron 1300MHz	288	2680	NA	NA
Intel Celeron 1333MHz	290	2674	NA	NA
Intel Celeron 1400MHz	302	2654	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1500	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1847	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1974	1655	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2955U @ 1.40GHz	1420	1930	NA	NA
Intel Celeron 2957U @ 1.40GHz	1436	1922	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2099	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1513	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1856	NA	NA
Intel Celeron 2981U @ 1.60GHz	1522	1880	NA	NA
Intel Celeron 3205U @ 1.50GHz	1494	1901	5.21	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1629	1835	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1792	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1648	NA	NA
Intel Celeron 3855U @ 1.60GHz	1673	1808	NA	NA
Intel Celeron 3865U @ 1.80GHz	1911	1687	NA	NA
Intel Celeron 3955U @ 2.00GHz	1913	1686	NA	NA
Intel Celeron 3965U @ 2.20GHz	2411	1476	22.54	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1629	1834	15.23	\$107.00*
Intel Celeron @ 1.30GHz	965	2189	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2794	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2276	NA	NA
Intel Celeron B800 @ 1.50GHz	1274	2010	NA	NA
Intel Celeron B810 @ 1.60GHz	1425	1927	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	1953	NA	NA
Intel Celeron B820 @ 1.70GHz	1427	1926	36.32	\$39.29*
Intel Celeron B830 @ 1.80GHz	1515	1890	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1776	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2711	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2655	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2636	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2616	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2536	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2456	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2384	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2253	7.80	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1046	2137	11.64	\$89.95
Intel Celeron E1500 @ 2.20GHz	1180	2062	60.07	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2020	NA	NA
Intel Celeron E3200 @ 2.40GHz	1381	1945	26.57	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1386	1943	21.33	\$64.99
Intel Celeron E3400 @ 2.60GHz	1438	1921	29.88	\$48.15*
Intel Celeron E3500 @ 2.70GHz	1454	1915	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	694	2332	13.90	\$49.99*
Intel Celeron G460 @ 1.80GHz	1029	2146	15.84	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2128	10.64	\$100.00
Intel Celeron G470 @ 2.00GHz	1298	1991	NA	NA
Intel Celeron G530 @ 2.40GHz	2131	1589	53.29	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1778	NA	NA
Intel Celeron G540 @ 2.50GHz	2199	1566	48.89	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1597	NA	NA
Intel Celeron G550 @ 2.60GHz	2289	1521	28.61	\$80.00
Intel Celeron G550T @ 2.20GHz	2063	1620	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G555 @ 2.70GHz	2422	1473	60.57	\$40.00*
Intel Celeron G1101 @ 2.27GHz	1667	1815	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2489	1450	8.30	\$299.95
Intel Celeron G1610T @ 2.30GHz	2286	1524	57.12	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2576	1415	16.77	\$153.59*
Intel Celeron G1620T @ 2.40GHz	2353	1502	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1448	49.89	\$49.99*
Intel Celeron G1820 @ 2.70GHz	2753	1363	30.60	\$89.99
Intel Celeron G1820T @ 2.40GHz	2505	1444	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1586	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1429	26.80	\$94.95
Intel Celeron G1840 @ 2.80GHz	2862	1325	28.47	\$100.53
Intel Celeron G1840T @ 2.50GHz	2605	1405	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1306	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3147	1231	69.95	\$44.99
Intel Celeron G3900E @ 2.40GHz	2679	1383	NA	NA
Intel Celeron G3900T @ 2.60GHz	2919	1303	25.96	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1410	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1236	22.31	\$139.99
Intel Celeron G3930 @ 2.90GHz	3039	1264	59.41	\$51.17*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3930T @ 2.70GHz	2766	1354	32.17	\$85.99*
Intel Celeron G3950 @ 3.00GHz	3006	1275	42.21	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3270	1184	59.47	\$54.99*
Intel Celeron G4900T @ 2.90GHz	3037	1265	NA	NA
Intel Celeron G4920 @ 3.20GHz	3150	1230	45.00	\$70.00
Intel Celeron J1750 @ 2.41GHz	1037	2142	NA	NA
Intel Celeron J1800 @ 2.41GHz	1027	2148	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1845	NA	NA
Intel Celeron J1900 @ 1.99GHz	1839	1725	NA	NA
Intel Celeron J3060 @ 1.60GHz	974	2184	NA	NA
Intel Celeron J3160 @ 1.60GHz	1791	1743	NA	NA
Intel Celeron J3355 @ 2.00GHz	1193	2054	NA	NA
Intel Celeron J3455 @ 1.50GHz	2124	1595	5.74	\$369.99
Intel Celeron J4005 @ 2.00GHz	1560	1867	11.11	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2647	1393	24.74	\$107.00*
Intel Celeron M 1.00GHz	207	2776	16.60	\$12.49
Intel Celeron M 1.30GHz	316	2635	NA	NA
Intel Celeron M 1.50GHz	343	2611	NA	NA
Intel Celeron M 1.60GHz	365	2588	NA	NA
Intel Celeron M 1.70GHz	393	2556	NA	NA
Intel Celeron M 360 1.40GHz	328	2624	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2637	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2613	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2583	NA	NA
Intel Celeron M 440 @ 1.86GHz	397	2547	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2728	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2487	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2509	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2472	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 540 @ 1.86GHz	542	2406	NA	NA
Intel Celeron M 600MHz	151	2818	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2480	NA	NA
Intel Celeron M 900MHz	204	2778	NA	NA
Intel Celeron M 1200MHz	275	2706	NA	NA
Intel Celeron M 1300MHz	303	2651	NA	NA
Intel Celeron M 1500MHz	333	2621	NA	NA
Intel Celeron M ULV 800MHz	184	2798	NA	NA
Intel Celeron N2805 @ 1.46GHz	461	2476	NA	NA
Intel Celeron N2806 @ 1.60GHz	794	2286	NA	NA
Intel Celeron N2807 @ 1.58GHz	853	2257	NA	NA
Intel Celeron N2808 @ 1.58GHz	913	2230	NA	NA
Intel Celeron N2810 @ 2.00GHz	782	2289	5.59	\$139.99*
Intel Celeron N2815 @ 1.86GHz	852	2258	NA	NA
Intel Celeron N2820 @ 2.13GHz	930	2216	4.43	\$209.99
Intel Celeron N2830 @ 2.16GHz	954	2201	NA	NA
Intel Celeron N2840 @ 2.16GHz	1003	2162	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2050	NA	NA
Intel Celeron N2920 @ 1.86GHz	1499	1897	NA	NA
Intel Celeron N2930 @ 1.83GHz	1627	1837	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2940 @ 1.83GHz	1731	1771	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2237	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2190	NA	NA
Intel Celeron N3050 @ 1.60GHz	878	2243	6.89	\$127.55
Intel Celeron N3060 @ 1.60GHz	991	2177	NA	NA
Intel Celeron N3150 @ 1.60GHz	1655	1822	NA	NA
Intel Celeron N3160 @ 1.60GHz	1664	1816	5.80	\$286.99*
Intel Celeron N3350 @ 1.10GHz	1106	2104	NA	NA
Intel Celeron N3450 @ 1.10GHz	1848	1718	13.11	\$140.95
Intel Celeron N4000 @ 1.10GHz	1467	1910	13.72	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2322	1508	21.71	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1119	2092	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2173	NA	NA
Intel Celeron P4600 @ 2.00GHz	1342	1967	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2293	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2204	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2132	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1791	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2315	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2336	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2281	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2135	87.70	\$11.99*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2077	23.15	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1270	2013	211.77	\$6.00*
Intel Core2 Duo E4600 @ 2.40GHz	1384	1944	8.76	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1482	1905	54.93	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1109	2100	85.41	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2060	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1289	1999	43.06	\$29.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6420 @ 2.13GHz	1360	1959	27.21	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1458	1913	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1898	100.21	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1553	1870	103.63	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1800	56.48	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1716	1780	166.63	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1948	1666	38.97	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1631	1833	33.30	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1725	1773	43.27	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1772	1751	61.13	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1875	1706	125.10	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1968	1659	16.41	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1520	1884	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1746	1762	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1885	1703	37.72	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1664	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1501	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1991	1647	99.61	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1719	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1592	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8400 @ 3.00GHz	2149	1582	47.23	\$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2127	1593	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2282	1528	57.07	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2403	1480	48.08	\$49.99*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1561	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2298	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2337	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2272	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2260	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	958	2198	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2185	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2093	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1074	2127	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1325	1977	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	1996	64.59	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	1990	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1417	1931	35.44	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2209	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1887	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1447	1919	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2153	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1454	1914	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1875	31.24	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1839	42.76	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1765	30.57	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1866	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1756	1757	1.76	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1738	1768	17.56	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1863	1712	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P9700 @ 2.80GHz	2015	1639	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2382	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1261	2017	4.99	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1674	1807	5.89	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	928	2219	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	832	2267	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	836	2266	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2277	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	933	2214	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2231	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2233	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2224	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1043	2140	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2147	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2174	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1093	2114	109.49	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1113	2097	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1197	2052	75.33	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1148	2083	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	2044	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T6400 @ 2.00GHz	1225	2037	81.77	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1286	2002	85.82	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1257	2019	32.66	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1361	1956	72.05	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1361	1957	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1017	2155	46.29	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	2072	11.68	\$99.95
Intel Core2 Duo T7250 @ 2.00GHz	1114	2096	5.53	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1192	2055	38.49	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1246	2028	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1272	2011	29.61	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1381	1947	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1423	1929	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1590	1859	2.62	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1296	1993	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1471	1907	13.51	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1673	1810	28.86	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1739	1767	24.86	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1796	1741	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1804	1739	6.03	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1928	1675	21.44	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2020	1638	4.77	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2131	1588	5.34	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	873	2246	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2380	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2344	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2329	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2251	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1133	2091	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo X7360 @ 2.53GHz	1687	1801	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1089	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3634	1092	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1138	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1872	1709	7.10	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1740	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1973	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1803	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1895	1696	4.62	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2063	1619	2.42	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4159	976	4.84	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	910	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	885	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	874	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2950	1292	73.80	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3283	1182	72.98	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2812	1341	122.33	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2982	1281	59.65	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3164	1222	13.19	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2524	1434	6.49	\$389.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1195	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3159	1225	63.21	\$49.99*
Intel Core2 Quad Q9400 @ 2.66GHz	3341	1171	18.57	\$179.95*
Intel Core2 Quad Q9450 @ 2.66GHz	3760	1061	105.34	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3537	1118	101.11	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3561	1109	18.74	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3964	1017	89.12	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4162	975	37.85	\$109.95
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1018	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	350	2602	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2644	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2521	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	464	2469	NA	NA
Intel Core 330 @ 1.60GHz	643	2355	NA	NA
Intel Core 860 @ 2.80GHz	4555	895	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2318	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2321	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2305	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2334	NA	NA
Intel Core Duo T2250 @ 1.73GHz	756	2301	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2313	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2297	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2284	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2271	NA	NA
Intel Core Duo T2500 @ 2.00GHz	867	2248	7.23	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2211	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2152	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2404	NA	NA
Intel Core Duo U2500 @ 1.20GHz	511	2429	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-330E @ 2.13GHz	1935	1673	NA	NA
Intel Core i3-330M @ 2.13GHz	1787	1746	36.81	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1075	2126	NA	NA
Intel Core i3-350M @ 2.27GHz	1892	1698	17.37	\$108.95*
Intel Core i3-370M @ 2.40GHz	2014	1640	50.42	\$39.96*
Intel Core i3-380M @ 2.53GHz	2095	1606	34.95	\$59.95
Intel Core i3-380UM @ 1.33GHz	1160	2076	NA	NA
Intel Core i3-390M @ 2.67GHz	2183	1570	56.06	\$38.95*
Intel Core i3-530 @ 2.93GHz	2567	1422	13.59	\$189.00
Intel Core i3-540 @ 3.07GHz	2688	1380	19.58	\$137.33
Intel Core i3-550 @ 3.20GHz	2829	1332	16.10	\$175.74
Intel Core i3-560 @ 3.33GHz	2937	1296	16.32	\$179.95
Intel Core i3-2100 @ 3.10GHz	3691	1082	26.37	\$140.00
Intel Core i3-2100T @ 2.50GHz	2962	1290	49.39	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1069	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3706	1074	32.24	\$114.99
Intel Core i3-2120 @ 3.30GHz	3929	1023	70.19	\$55.99
Intel Core i3-2120T @ 2.60GHz	3164	1221	19.78	\$160.00
Intel Core i3-2125 @ 3.30GHz	4000	1003	19.32	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4067	992	35.38	\$114.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2140 @ 3.50GHz	4325	947	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1329	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2430	1470	54.02	\$44.99
Intel Core i3-2312M @ 2.10GHz	2374	1492	NA	NA
Intel Core i3-2328M @ 2.20GHz	2540	1431	27.33	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1252	NA	NA
Intel Core i3-2330M @ 2.20GHz	2522	1436	14.82	\$170.20*
Intel Core i3-2332M @ 2.20GHz	2382	1489	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1775	NA	NA
Intel Core i3-2348M @ 2.30GHz	2618	1400	NA	NA
Intel Core i3-2350M @ 2.30GHz	2625	1397	71.32	\$36.81*
Intel Core i3-2357M @ 1.30GHz	1556	1869	NA	NA
Intel Core i3-2365M @ 1.40GHz	1678	1805	NA	NA
Intel Core i3-2367M @ 1.40GHz	1706	1789	NA	NA
Intel Core i3-2370M @ 2.40GHz	2777	1352	69.77	\$39.81*
Intel Core i3-2375M @ 1.50GHz	1774	1750	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1732	NA	NA
Intel Core i3-3110M @ 2.40GHz	3080	1250	38.53	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3219	1202	23.16	\$139.00*
Intel Core i3-3130M @ 2.60GHz	3390	1156	NA	NA
Intel Core i3-3210 @ 3.20GHz	4033	997	13.74	\$293.59
Intel Core i3-3217U @ 1.80GHz	2303	1517	10.02	\$229.99
Intel Core i3-3217UE @ 1.60GHz	2162	1577	NA	NA
Intel Core i3-3220 @ 3.30GHz	4241	960	53.70	\$79.00
Intel Core i3-3220T @ 2.80GHz	3692	1081	13.48	\$273.95
Intel Core i3-3225 @ 3.30GHz	4340	942	36.47	\$119.00
Intel Core i3-3227U @ 1.90GHz	2471	1458	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1794	NA	NA
Intel Core i3-3240 @ 3.40GHz	4314	949	107.90	\$39.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3240T @ 2.90GHz	3653	1090	NA	NA
Intel Core i3-3245 @ 3.40GHz	4437	920	24.79	\$179.01
Intel Core i3-3250 @ 3.50GHz	4447	918	46.82	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1094	NA	NA
Intel Core i3-4000M @ 2.40GHz	3252	1188	16.27	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2443	1465	NA	NA
Intel Core i3-4010U @ 1.70GHz	2438	1466	8.44	\$289.00
Intel Core i3-4010Y @ 1.30GHz	1900	1692	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2163	1575	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2213	1560	NA	NA
Intel Core i3-4025U @ 1.90GHz	2782	1350	NA	NA
Intel Core i3-4030U @ 1.90GHz	2714	1374	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1443	NA	NA
Intel Core i3-4100M @ 2.50GHz	3443	1142	15.76	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	1031	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1314	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1261	NA	NA
Intel Core i3-4130 @ 3.40GHz	4802	853	25.96	\$185.00
Intel Core i3-4130T @ 2.90GHz	4142	980	46.55	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4898	832	28.82	\$169.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4150T @ 3.00GHz	4230	962	18.40	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1304	NA	NA
Intel Core i3-4160 @ 3.60GHz	5051	800	46.34	\$109.00
Intel Core i3-4160T @ 3.10GHz	4433	924	29.56	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5193	774	33.51	\$155.00
Intel Core i3-4170T @ 3.20GHz	4549	898	21.67	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5086	788	22.06	\$230.58
Intel Core i3-4330T @ 3.00GHz	4486	914	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1206	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	768	27.60	\$189.99
Intel Core i3-4350 @ 3.60GHz	4963	819	29.20	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	951	NA	NA
Intel Core i3-4360 @ 3.70GHz	5462	733	37.94	\$143.99
Intel Core i3-4360T @ 3.20GHz	4636	877	NA	NA
Intel Core i3-4370 @ 3.80GHz	5610	714	18.16	\$309.00
Intel Core i3-4370T @ 3.30GHz	4890	834	35.44	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	827	NA	NA
Intel Core i3-5005U @ 2.00GHz	2904	1312	NA	NA
Intel Core i3-5010U @ 2.10GHz	3056	1258	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	3007	1273	NA	NA
Intel Core i3-5020U @ 2.20GHz	3192	1209	6.95	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3663	1087	NA	NA
Intel Core i3-6006U @ 2.00GHz	3089	1246	NA	NA
Intel Core i3-6098P @ 3.60GHz	5424	737	40.56	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5485	726	43.20	\$126.99
Intel Core i3-6100E @ 2.70GHz	3769	1059	NA	NA
Intel Core i3-6100H @ 2.70GHz	4249	958	NA	NA
Intel Core i3-6100T @ 3.20GHz	4850	843	25.53	\$189.99*
Intel Core i3-6100TE @ 2.70GHz	4337	943	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-6100U @ 2.30GHz	3603	1097	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	1041	NA	NA
Intel Core i3-6300 @ 3.80GHz	5844	686	36.36	\$160.74
Intel Core i3-6300T @ 3.30GHz	5255	766	33.91	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6047	666	31.84	\$189.95
Intel Core i3-7020U @ 2.30GHz	3495	1124	12.44	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5783	691	32.31	\$179.00
Intel Core i3-7100H @ 3.00GHz	4696	869	20.87	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5044	803	56.68	\$89.00*
Intel Core i3-7100U @ 2.40GHz	3775	1057	8.46	\$446.23*
Intel Core i3-7101TE @ 3.40GHz	5196	773	44.42	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4082	990	14.53	\$281.00*
Intel Core i3-7167U @ 2.80GHz	4757	859	NA	NA
Intel Core i3-7300 @ 4.00GHz	6372	632	37.08	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	747	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6413	627	35.10	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6629	607	39.03	\$169.85
Intel Core i3-8100 @ 3.60GHz	8043	468	61.88	\$129.99
Intel Core i3-8100B @ 3.60GHz	8431	435	63.39	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7414	531	53.34	\$139.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8109U @ 3.00GHz	6174	649	NA	NA
Intel Core i3-8121U @ 2.20GHz	4738	863	NA	NA
Intel Core i3-8130U @ 2.20GHz	5072	793	18.05	\$281.00*
Intel Core i3-8145U @ 2.10GHz	4854	841	17.28	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8657	419	54.11	\$159.99
Intel Core i3-8300T @ 3.20GHz	8032	470	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9213	367	49.81	\$184.99
Intel Core i5 750S @ 2.40GHz	2197	1567	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1452	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3589	1101	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3810	1050	NA	NA
Intel Core i5-430M @ 2.27GHz	2097	1605	14.99	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	1969	NA	NA
Intel Core i5-450M @ 2.40GHz	2126	1594	66.55	\$31.95*
Intel Core i5-460M @ 2.53GHz	2324	1505	31.01	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	2123	NA	NA
Intel Core i5-480M @ 2.67GHz	2402	1481	29.81	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1547	NA	NA
Intel Core i5-520M @ 2.40GHz	2369	1496	39.50	\$59.99
Intel Core i5-520UM @ 1.07GHz	1356	1962	NA	NA
Intel Core i5-540M @ 2.53GHz	2453	1463	12.92	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	1950	NA	NA
Intel Core i5-560M @ 2.67GHz	2583	1414	28.71	\$89.97*
Intel Core i5-560UM @ 1.33GHz	1664	1817	NA	NA
Intel Core i5-580M @ 2.67GHz	2595	1408	23.60	\$109.95
Intel Core i5-650 @ 3.20GHz	3099	1244	14.28	\$217.00
Intel Core i5-655K @ 3.20GHz	3395	1154	56.60	\$59.99*
Intel Core i5-660 @ 3.33GHz	3254	1186	9.30	\$349.95*
Intel Core i5-661 @ 3.33GHz	3184	1211	31.84	\$99.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-670 @ 3.47GHz	3313	1175	36.83	\$89.99*
Intel Core i5-680 @ 3.60GHz	3509	1121	38.99	\$89.99*
Intel Core i5-750 @ 2.67GHz	3693	1080	39.90	\$92.55*
Intel Core i5-760 @ 2.80GHz	3886	1028	16.90	\$229.95
Intel Core i5-2300 @ 2.80GHz	5355	751	66.95	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5538	721	29.72	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5767	694	36.05	\$160.00
Intel Core i5-2380P @ 3.10GHz	5749	696	31.94	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4226	963	42.31	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5965	670	93.21	\$64.00
Intel Core i5-2400S @ 2.50GHz	4980	816	75.81	\$65.70*
Intel Core i5-2405S @ 2.50GHz	5082	790	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3166	1220	43.98	\$72.00*
Intel Core i5-2415M @ 2.30GHz	3299	1179	NA	NA
Intel Core i5-2430M @ 2.40GHz	3282	1183	39.03	\$84.11*
Intel Core i5-2435M @ 2.40GHz	3224	1199	NA	NA
Intel Core i5-2450M @ 2.50GHz	3401	1149	38.65	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6132	655	68.14	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2322	1507	NA	NA
Intel Core i5-2500 @ 3.30GHz	6338	636	66.34	\$95.55

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2500K @ 3.30GHz	6478	618	56.34	\$115.00*
Intel Core i5-2500S @ 2.70GHz	5355	750	71.42	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4639	876	NA	NA
Intel Core i5-2510E @ 2.50GHz	3483	1129	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1176	NA	NA
Intel Core i5-2520M @ 2.50GHz	3591	1099	21.18	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2092	1607	NA	NA
Intel Core i5-2540M @ 2.60GHz	3783	1055	60.11	\$62.95
Intel Core i5-2550K @ 3.40GHz	6666	603	51.28	\$129.99*
Intel Core i5-2557M @ 1.70GHz	2685	1382	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1065	NA	NA
Intel Core i5-3210M @ 2.50GHz	3827	1044	51.71	\$74.02*
Intel Core i5-3230M @ 2.60GHz	3939	1022	14.48	\$272.04*
Intel Core i5-3317U @ 1.70GHz	3090	1245	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4124	985	38.48	\$107.18
Intel Core i5-3330 @ 3.00GHz	5940	672	21.14	\$280.98
Intel Core i5-3330S @ 2.70GHz	5680	703	59.80	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	690	NA	NA
Intel Core i5-3337U @ 1.80GHz	3224	1198	14.33	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1559	NA	NA
Intel Core i5-3340 @ 3.10GHz	6088	663	20.78	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4247	959	53.12	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	685	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6148	653	40.99	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4434	923	47.78	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4436	921	NA	NA
Intel Core i5-3427U @ 1.80GHz	3548	1114	8.45	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3638	1091	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1299	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3450 @ 3.10GHz	6536	613	51.47	\$126.99*
Intel Core i5-3450S @ 2.80GHz	6223	642	62.24	\$99.99*
Intel Core i5-3470 @ 3.20GHz	6713	598	74.59	\$90.00
Intel Core i5-3470S @ 2.90GHz	6370	633	41.50	\$153.52
Intel Core i5-3470T @ 2.90GHz	4480	915	14.50	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6619	609	46.13	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6955	572	46.37	\$149.99*
Intel Core i5-3550S @ 3.00GHz	6906	578	20.25	\$341.01*
Intel Core i5-3570 @ 3.40GHz	7125	558	67.87	\$104.99
Intel Core i5-3570K @ 3.40GHz	7174	554	17.94	\$399.99
Intel Core i5-3570S @ 3.10GHz	6754	593	23.70	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5901	677	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3898	1027	NA	NA
Intel Core i5-4200H @ 2.80GHz	4444	919	NA	NA
Intel Core i5-4200M @ 2.50GHz	4033	996	49.73	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3293	1181	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1478	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2257	1541	NA	NA
Intel Core i5-4210H @ 2.90GHz	4528	907	NA	NA
Intel Core i5-4210M @ 2.60GHz	4194	968	13.53	\$309.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4210U @ 1.70GHz	3404	1148	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2378	1490	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1514	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1313	NA	NA
Intel Core i5-4250U @ 1.30GHz	3451	1139	9.61	\$359.00
Intel Core i5-4258U @ 2.40GHz	4082	989	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1107	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	936	NA	NA
Intel Core i5-4288U @ 2.60GHz	4300	952	NA	NA
Intel Core i5-4300M @ 2.60GHz	4428	926	NA	NA
Intel Core i5-4300U @ 1.90GHz	3741	1068	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2499	1447	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1285	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	965	NA	NA
Intel Core i5-4310M @ 2.70GHz	4628	881	NA	NA
Intel Core i5-4310U @ 2.00GHz	3759	1063	NA	NA
Intel Core i5-4330M @ 2.80GHz	4547	900	16.54	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4828	845	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1095	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	899	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1019	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1344	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6332	637	39.58	\$159.99
Intel Core i5-4430S @ 2.70GHz	5938	674	37.12	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6509	615	13.10	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6228	641	13.45	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6715	597	27.06	\$248.17
Intel Core i5-4460S @ 2.90GHz	6410	628	9.71	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4955	823	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	7144	555	32.93	\$217.00
Intel Core i5-4570R @ 2.70GHz	6756	592	NA	NA
Intel Core i5-4570S @ 2.90GHz	6818	584	35.95	\$189.65
Intel Core i5-4570T @ 2.90GHz	4810	846	32.07	\$149.99*
Intel Core i5-4570TE @ 2.70GHz	3827	1043	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7326	541	48.84	\$149.99
Intel Core i5-4590S @ 3.00GHz	7062	564	29.14	\$242.34
Intel Core i5-4590T @ 2.00GHz	5612	713	26.73	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7452	524	19.61	\$379.95
Intel Core i5-4670K @ 3.40GHz	7633	509	22.20	\$343.81
Intel Core i5-4670K CPT @ 3.40GHz	7411	532	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	529	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7353	536	34.52	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6168	651	23.81	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7674	506	40.61	\$189.00
Intel Core i5-4690K @ 3.50GHz	7795	493	25.23	\$309.00
Intel Core i5-4690S @ 3.20GHz	7443	525	16.56	\$449.53*
Intel Core i5-4690T @ 2.50GHz	6478	617	NA	NA
Intel Core i5-5200U @ 2.20GHz	3486	1128	NA	NA
Intel Core i5-5250U @ 1.60GHz	3582	1104	8.11	\$441.89*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-5257U @ 2.70GHz	4406	929	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	868	NA	NA
Intel Core i5-5300U @ 2.30GHz	3818	1046	7.40	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3482	1130	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	521	NA	NA
Intel Core i5-5675C @ 3.10GHz	8191	452	20.48	\$399.99*
Intel Core i5-5675R @ 3.10GHz	8054	467	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4147	978	NA	NA
Intel Core i5-6200U @ 2.30GHz	4020	998	NA	NA
Intel Core i5-6260U @ 1.80GHz	4360	937	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4962	820	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	860	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6089	662	NA	NA
Intel Core i5-6300U @ 2.40GHz	4375	934	NA	NA
Intel Core i5-6360U @ 2.00GHz	4880	835	NA	NA
Intel Core i5-6400 @ 2.70GHz	6764	590	35.79	\$189.00
Intel Core i5-6400T @ 2.20GHz	5619	711	21.62	\$259.95
Intel Core i5-6402P @ 2.80GHz	7115	560	37.45	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	643	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6798	586	NA	NA
Intel Core i5-6500 @ 3.20GHz	7246	547	12.58	\$576.00
Intel Core i5-6500T @ 2.50GHz	6289	639	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6539	612	31.14	\$209.99
Intel Core i5-6600 @ 3.30GHz	7768	495	29.89	\$259.94*
Intel Core i5-6600K @ 3.50GHz	8063	465	32.65	\$246.99*
Intel Core i5-6600T @ 2.70GHz	7342	538	30.60	\$239.99*
Intel Core i5-7200U @ 2.50GHz	4609	888	NA	NA
Intel Core i5-7260U @ 2.20GHz	5682	702	13.25	\$429.00
Intel Core i5-7267U @ 3.10GHz	5098	785	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7287U @ 3.30GHz	5656	709	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6798	585	NA	NA
Intel Core i5-7300U @ 2.60GHz	5189	775	13.34	\$389.00
Intel Core i5-7360U @ 2.30GHz	5823	688	NA	NA
Intel Core i5-7400 @ 3.00GHz	7336	539	33.88	\$216.54
Intel Core i5-7400T @ 2.40GHz	6418	626	19.57	\$327.99
Intel Core i5-7440HQ @ 2.80GHz	7650	508	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	6262	640	25.05	\$250.00*
Intel Core i5-7500 @ 3.40GHz	8019	472	34.75	\$230.78
Intel Core i5-7500T @ 2.70GHz	7014	567	30.90	\$226.99
Intel Core i5-7600 @ 3.50GHz	8735	411	35.80	\$243.99
Intel Core i5-7600K @ 3.80GHz	9121	375	33.91	\$268.99
Intel Core i5-7600T @ 2.80GHz	8077	463	34.39	\$234.89
Intel Core i5-7640X @ 4.00GHz	9545	338	29.54	\$323.10
Intel Core i5-8200Y @ 1.30GHz	4206	967	14.46	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4057	993	NA	NA
Intel Core i5-8250U @ 1.60GHz	7683	504	NA	NA
Intel Core i5-8259U @ 2.30GHz	10993	243	16.19	\$679.00
Intel Core i5-8265U @ 1.60GHz	8146	456	27.43	\$297.00*
Intel Core i5-8300H @ 2.30GHz	9491	342	37.96	\$250.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8305G @ 2.80GHz	8946	396	NA	NA
Intel Core i5-8350U @ 1.70GHz	8215	448	27.66	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11641	224	53.88	\$216.07
Intel Core i5-8400H @ 2.50GHz	10138	285	40.55	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9582	334	50.70	\$189.00
Intel Core i5-8500 @ 3.00GHz	11923	219	57.05	\$209.00*
Intel Core i5-8500B @ 3.00GHz	12627	199	65.77	\$192.00*
Intel Core i5-8500T @ 2.10GHz	9971	303	45.67	\$218.34*
Intel Core i5-8600 @ 3.10GHz	12629	198	50.52	\$249.99*
Intel Core i5-8600K @ 3.60GHz	12767	193	44.80	\$284.97
Intel Core i5-8600T @ 2.30GHz	10875	248	42.35	\$256.79
Intel Core i5-9400 @ 2.90GHz	11988	216	64.81	\$184.99
Intel Core i5-9400F @ 2.90GHz	12189	212	69.66	\$174.99
Intel Core i5-9600K @ 3.70GHz	13506	180	50.97	\$264.99
Intel Core i5-24050S @ 2.50GHz	4928	828	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3758	1064	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1658	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1428	NA	NA
Intel Core i7-620LM @ 2.00GHz	1947	1667	NA	NA
Intel Core i7-620M @ 2.67GHz	2722	1372	24.75	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	1978	NA	NA
Intel Core i7-640LM @ 2.13GHz	2254	1543	NA	NA
Intel Core i7-640M @ 2.80GHz	2828	1333	14.15	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1661	1819	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1764	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1785	NA	NA
Intel Core i7-720QM @ 1.60GHz	3010	1270	27.38	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3192	1210	29.03	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3227	1197	23.22	\$139.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-840QM @ 1.87GHz	3408	1147	11.75	\$289.97*
Intel Core i7-860 @ 2.80GHz	5002	813	56.85	\$87.99*
Intel Core i7-860S @ 2.53GHz	4711	865	23.56	\$199.99*
Intel Core i7-870 @ 2.93GHz	5328	759	53.29	\$99.99
Intel Core i7-870S @ 2.67GHz	4849	844	NA	NA
Intel Core i7-875K @ 2.93GHz	5425	736	12.45	\$435.77
Intel Core i7-880 @ 3.07GHz	5522	724	9.47	\$583.00*
Intel Core i7-920 @ 2.67GHz	4918	831	28.27	\$174.00*
Intel Core i7-920XM @ 2.00GHz	3728	1071	1.10	\$3,375.00*
Intel Core i7-930 @ 2.80GHz	5136	781	39.51	\$129.99
Intel Core i7-940 @ 2.93GHz	5343	754	51.39	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3966	1016	NA	NA
Intel Core i7-950 @ 3.07GHz	5545	719	26.53	\$209.00
Intel Core i7-960 @ 3.20GHz	5804	689	21.18	\$273.99
Intel Core i7-965 @ 3.20GHz	5856	682	41.83	\$139.99*
Intel Core i7-970 @ 3.20GHz	8357	440	16.72	\$499.95*
Intel Core i7-975 @ 3.33GHz	6123	657	34.02	\$179.99*
Intel Core i7-980 @ 3.33GHz	8643	422	43.22	\$199.98*
Intel Core i7-980X @ 3.33GHz	8749	410	9.61	\$909.99
Intel Core i7-985 @ 3.47GHz	6641	606	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-990X @ 3.47GHz	9061	380	25.89	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	319	NA	NA
Intel Core i7-2600 @ 3.40GHz	8188	453	49.91	\$164.05
Intel Core i7-2600K @ 3.40GHz	8425	436	47.07	\$179.00
Intel Core i7-2600S @ 2.80GHz	7086	561	37.30	\$189.99
Intel Core i7-2610UE @ 1.50GHz	2481	1455	NA	NA
Intel Core i7-2617M @ 1.50GHz	2824	1336	NA	NA
Intel Core i7-2620M @ 2.70GHz	3842	1038	22.63	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5526	723	24.03	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1413	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5456	734	NA	NA
Intel Core i7-2637M @ 1.70GHz	2905	1311	NA	NA
Intel Core i7-2640M @ 2.80GHz	3917	1026	21.06	\$185.97*
Intel Core i7-2655LE @ 2.20GHz	3196	1208	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5881	681	42.31	\$139.00
Intel Core i7-2675QM @ 2.20GHz	5531	722	NA	NA
Intel Core i7-2677M @ 1.80GHz	2824	1335	NA	NA
Intel Core i7-2700K @ 3.50GHz	8687	416	21.51	\$403.88
Intel Core i7-2710QE @ 2.10GHz	5768	693	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	748	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6116	658	19.80	\$309.00
Intel Core i7-2760QM @ 2.40GHz	6571	611	41.12	\$159.81
Intel Core i7-2820QM @ 2.30GHz	6643	605	18.66	\$355.95*
Intel Core i7-2840QM @ 2.40GHz	6766	589	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6989	569	11.65	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7039	566	15.98	\$440.44
Intel Core i7-2960XM @ 2.70GHz	7239	549	17.66	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3586	1102	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3350	1167	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3520M @ 2.90GHz	4545	901	19.34	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3846	1037	NA	NA
Intel Core i7-3540M @ 3.00GHz	4664	872	10.85	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1014	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	620	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7458	523	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	599	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6825	583	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	522	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7386	535	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7580	512	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6932	576	29.12	\$238.05*
Intel Core i7-3635QM @ 2.40GHz	6674	602	NA	NA
Intel Core i7-3667U @ 2.00GHz	3999	1004	NA	NA
Intel Core i7-3687U @ 2.10GHz	4186	970	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1201	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8120	462	22.37	\$363.00
Intel Core i7-3740QM @ 2.70GHz	8323	442	34.69	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9282	361	46.61	\$199.15
Intel Core i7-3770K @ 3.50GHz	9509	339	18.76	\$507.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3770S @ 3.10GHz	8894	400	29.16	\$304.99
Intel Core i7-3770T @ 2.50GHz	8208	451	24.87	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8991	389	47.57	\$189.00
Intel Core i7-3820QM @ 2.70GHz	8403	438	17.26	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8774	408	26.19	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9165	371	8.36	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11980	217	23.73	\$504.85
Intel Core i7-3940XM @ 3.00GHz	9273	362	17.20	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12585	200	13.83	\$909.78*
Intel Core i7-3970X @ 3.50GHz	12676	197	15.65	\$809.99*
Intel Core i7-4500U @ 1.80GHz	3792	1053	NA	NA
Intel Core i7-4510U @ 2.00GHz	3923	1025	NA	NA
Intel Core i7-4550U @ 1.50GHz	3699	1077	NA	NA
Intel Core i7-4558U @ 2.80GHz	4391	932	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	944	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	855	NA	NA
Intel Core i7-4600M @ 2.90GHz	4897	833	NA	NA
Intel Core i7-4600U @ 2.10GHz	4098	987	NA	NA
Intel Core i7-4610M @ 3.00GHz	4942	825	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1067	NA	NA
Intel Core i7-4650U @ 1.70GHz	3966	1015	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	553	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7725	500	20.17	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7687	503	40.67	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7415	530	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7125	557	21.14	\$337.04*
Intel Core i7-4710HQ @ 2.50GHz	7725	499	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7987	476	29.41	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7524	517	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4712MQ @ 2.30GHz	7215	551	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7994	475	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8067	464	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8224	447	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8651	420	NA	NA
Intel Core i7-4765T @ 2.00GHz	7308	544	18.27	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9784	322	37.92	\$258.00
Intel Core i7-4770HQ @ 2.20GHz	8948	395	NA	NA
Intel Core i7-4770K @ 3.50GHz	10082	291	28.81	\$350.00
Intel Core i7-4770R @ 3.20GHz	9822	315	NA	NA
Intel Core i7-4770S @ 3.10GHz	9345	356	37.38	\$249.99*
Intel Core i7-4770T @ 2.50GHz	8587	426	21.47	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	595	NA	NA
Intel Core i7-4771 @ 3.50GHz	9867	310	16.18	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7619	511	NA	NA
Intel Core i7-4790 @ 3.60GHz	9987	299	42.64	\$234.24
Intel Core i7-4790K @ 4.00GHz	11175	232	31.57	\$354.00
Intel Core i7-4790S @ 3.20GHz	9576	335	20.72	\$462.13*
Intel Core i7-4790T @ 2.70GHz	9082	379	25.30	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8461	432	41.48	\$204.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4810MQ @ 2.80GHz	8649	421	20.36	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9712	329	44.15	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9051	382	20.86	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7818	489	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9267	364	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9371	354	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8975	392	15.30	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9350	355	20.33	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13011	187	24.89	\$522.73
Intel Core i7-4930MX @ 3.00GHz	9495	340	8.66	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9914	306	13.96	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9807	318	15.74	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13796	167	17.92	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10244	277	NA	NA
Intel Core i7-5500U @ 2.40GHz	3976	1009	NA	NA
Intel Core i7-5550U @ 2.00GHz	3686	1084	NA	NA
Intel Core i7-5557U @ 3.10GHz	4949	824	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4313	950	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	964	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	455	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	445	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8354	441	NA	NA
Intel Core i7-5775C @ 3.30GHz	10977	244	16.00	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10893	247	NA	NA
Intel Core i7-5820K @ 3.30GHz	12985	188	44.93	\$289.00
Intel Core i7-5850EQ @ 2.70GHz	9817	317	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	347	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13629	172	27.31	\$498.98*
Intel Core i7-5950HQ @ 2.90GHz	10925	246	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5960X @ 3.00GHz	15945	113	11.28	\$1,413.29
Intel Core i7-6498DU @ 2.50GHz	4538	903	NA	NA
Intel Core i7-6500U @ 2.50GHz	4428	925	NA	NA
Intel Core i7-6560U @ 2.20GHz	4810	847	NA	NA
Intel Core i7-6567U @ 3.30GHz	5656	710	NA	NA
Intel Core i7-6600U @ 2.60GHz	4804	851	NA	NA
Intel Core i7-6650U @ 2.20GHz	4964	818	NA	NA
Intel Core i7-6700 @ 3.40GHz	10005	298	29.09	\$343.99*
Intel Core i7-6700HQ @ 2.60GHz	8133	459	21.52	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11109	236	24.87	\$446.79*
Intel Core i7-6700T @ 2.80GHz	9019	387	30.07	\$300.00*
Intel Core i7-6700TE @ 2.40GHz	8696	414	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9727	327	9.71	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13572	176	27.93	\$485.95
Intel Core i7-6820EQ @ 2.80GHz	8626	424	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9121	376	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8771	409	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	623	NA	NA
Intel Core i7-6850K @ 3.60GHz	14372	149	22.71	\$632.76
Intel Core i7-6900K @ 3.20GHz	17653	82	18.53	\$952.83*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6920HQ @ 2.90GHz	9553	337	16.82	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19950	50	13.56	\$1,471.00
Intel Core i7-7500U @ 2.70GHz	5157	779	NA	NA
Intel Core i7-7560U @ 2.40GHz	5852	684	NA	NA
Intel Core i7-7567U @ 3.50GHz	6487	616	NA	NA
Intel Core i7-7600U @ 2.80GHz	5091	786	NA	NA
Intel Core i7-7660U @ 2.50GHz	5998	668	NA	NA
Intel Core i7-7700 @ 3.60GHz	10733	251	31.41	\$341.69
Intel Core i7-7700HQ @ 2.80GHz	8810	407	NA	NA
Intel Core i7-7700K @ 4.20GHz	12038	215	33.56	\$358.67
Intel Core i7-7700T @ 2.90GHz	9267	363	27.66	\$335.00
Intel Core i7-7740X @ 4.30GHz	12287	208	31.12	\$394.88
Intel Core i7-7800X @ 3.50GHz	14633	141	33.56	\$436.00*
Intel Core i7-7820HK @ 2.90GHz	9986	300	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9245	365	24.46	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18483	72	29.51	\$626.43
Intel Core i7-7900X @ 3.30GHz	20406	47	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9979	302	NA	NA
Intel Core i7-8086K @ 4.00GHz	16690	92	30.18	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3873	1030	9.86	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8303	443	NA	NA
Intel Core i7-8559U @ 2.70GHz	12332	205	NA	NA
Intel Core i7-8565U @ 1.80GHz	9013	388	NA	NA
Intel Core i7-8650U @ 1.90GHz	8830	406	NA	NA
Intel Core i7-8700 @ 3.20GHz	15152	131	50.51	\$299.99
Intel Core i7-8700B @ 3.20GHz	14633	140	48.30	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15961	112	44.34	\$359.99
Intel Core i7-8700T @ 2.40GHz	12708	195	27.69	\$459.00
Intel Core i7-8705G @ 3.10GHz	9964	304	7.21	\$1,382.01
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8706G @ 3.10GHz	10483	263	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	323	NA	NA
Intel Core i7-8750H @ 2.20GHz	12479	202	31.59	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11043	241	NA	NA
Intel Core i7-8850H @ 2.60GHz	13120	184	33.22	\$395.00*
Intel Core i7-9700K @ 3.60GHz	17241	86	42.05	\$409.99
Intel Core i7-9700KF @ 3.60GHz	18061	79	46.91	\$385.00*
Intel Core i7-9750H @ 2.60GHz	14118	157	NA	NA
Intel Core i7-9800X @ 3.80GHz	19884	52	31.56	\$629.99*
Intel Core i9-7900X @ 3.30GHz	21901	32	22.81	\$959.99
Intel Core i9-7920X @ 2.90GHz	23361	24	24.08	\$969.99
Intel Core i9-7940X @ 3.10GHz	25409	15	18.16	\$1,399.00
Intel Core i9-7960X @ 2.80GHz	25936	12	18.53	\$1,399.99
Intel Core i9-7980XE @ 2.60GHz	27893	6	15.06	\$1,852.65
Intel Core i9-8950HK @ 2.90GHz	14411	147	24.72	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21402	40	25.48	\$839.99
Intel Core i9-9900K @ 3.60GHz	20158	49	41.14	\$489.99
Intel Core i9-9900X @ 3.50GHz	23075	26	23.08	\$999.99
Intel Core i9-9920X @ 3.50GHz	25996	11	21.68	\$1,199.00
Intel Core i9-9940X @ 3.30GHz	27297	8	19.51	\$1,399.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-9960X @ 3.10GHz	29211	2	17.19	\$1,699.00
Intel Core i9-9980XE @ 3.00GHz	29447	1	14.72	\$1,999.99
Intel Core m3-6Y30 @ 0.90GHz	3051	1260	10.86	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3554	1111	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1173	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3470	1135	12.35	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3373	1161	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3244	1194	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3478	1132	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2702	1376	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1488	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2815	1338	10.02	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1331	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2477	1456	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3018	1268	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2973	1284	10.58	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2555	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2548	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2465	NA	NA
Intel Core Solo U1300 @ 1.06GHz	271	2709	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2702	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2623	NA	NA
Intel E3000 @ 3.40GHz	2767	1353	NA	NA
Intel Pentium 4 1.40GHz	164	2809	NA	NA
Intel Pentium 4 1.50GHz	131	2826	NA	NA
Intel Pentium 4 1.60GHz	129	2828	NA	NA
Intel Pentium 4 1.70GHz	132	2825	NA	NA
Intel Pentium 4 1.80GHz	161	2812	NA	NA
Intel Pentium 4 1.90GHz	159	2813	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.00GHz	189	2791	NA	NA
Intel Pentium 4 2.20GHz	209	2773	NA	NA
Intel Pentium 4 2.26GHz	221	2761	NA	NA
Intel Pentium 4 2.40GHz	228	2754	NA	NA
Intel Pentium 4 2.50GHz	245	2739	NA	NA
Intel Pentium 4 2.53GHz	248	2735	NA	NA
Intel Pentium 4 2.60GHz	288	2681	NA	NA
Intel Pentium 4 2.66GHz	254	2727	NA	NA
Intel Pentium 4 2.80GHz	322	2629	NA	NA
Intel Pentium 4 2.93GHz	299	2663	NA	NA
Intel Pentium 4 3.00GHz	353	2600	NA	NA
Intel Pentium 4 3.06GHz	346	2605	NA	NA
Intel Pentium 4 3.20GHz	373	2574	NA	NA
Intel Pentium 4 3.40GHz	395	2550	NA	NA
Intel Pentium 4 3.46GHz	454	2483	NA	NA
Intel Pentium 4 3.60GHz	487	2446	NA	NA
Intel Pentium 4 3.73GHz	486	2448	NA	NA
Intel Pentium 4 3.80GHz	485	2450	NA	NA
Intel Pentium 4 3.83GHz	195	2786	NA	NA
Intel Pentium 4 4.00GHz	184	2796	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1300MHz	119	2832	NA	NA
Intel Pentium 4 1400MHz	127	2829	NA	NA
Intel Pentium 4 1500MHz	125	2830	NA	NA
Intel Pentium 4 1600MHz	193	2790	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2816	NA	NA
Intel Pentium 4 1800MHz	162	2811	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2819	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2785	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2802	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2774	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2805	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2772	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2781	NA	NA
Intel Pentium 5 2.66GHz	705	2326	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2111	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1156	2079	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2084	NA	NA
Intel Pentium 987 @ 1.50GHz	1232	2036	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	1939	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1364	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1269	NA	NA
Intel Pentium 2020M @ 2.40GHz	2273	1536	16.97	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2406	1479	17.96	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1654	1823	12.34	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1820	1736	13.58	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2133	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2275	1531	NA	NA
Intel Pentium 3556U @ 1.70GHz	1698	1795	NA	NA
Intel Pentium 3558U @ 1.70GHz	1681	1802	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 3560M @ 2.40GHz	2270	1538	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2014	NA	NA
Intel Pentium 3805U @ 1.90GHz	1981	1652	NA	NA
Intel Pentium 3825U @ 1.90GHz	2518	1438	NA	NA
Intel Pentium 4405U @ 2.10GHz	2928	1300	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1621	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2047	1626	12.72	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3135	1233	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2226	1556	13.83	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3246	1193	20.17	\$161.00*
Intel Pentium 5405U @ 2.30GHz	3152	1228	NA	NA
Intel Pentium A1018 @ 2.10GHz	1605	1848	NA	NA
Intel Pentium B940 @ 2.00GHz	1729	1772	57.75	\$29.94*
Intel Pentium B950 @ 2.10GHz	1716	1779	NA	NA
Intel Pentium B960 @ 2.20GHz	1853	1716	37.83	\$48.99*
Intel Pentium B970 @ 2.30GHz	1959	1663	38.44	\$50.99*
Intel Pentium B980 @ 2.40GHz	2029	1632	29.02	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1049	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	532	2413	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2357	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium D 915 @ 2.80GHz	582	2386	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2322	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2309	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2280	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2247	5.50	\$157.95*
Intel Pentium E2160 @ 1.80GHz	998	2168	28.52	\$35.00
Intel Pentium E2180 @ 2.00GHz	1088	2115	54.46	\$19.99*
Intel Pentium E2200 @ 2.20GHz	1204	2049	16.05	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2065	NA	NA
Intel Pentium E2220 @ 2.40GHz	1328	1974	8.41	\$157.95*
Intel Pentium E5200 @ 2.50GHz	1487	1902	16.53	\$89.95*
Intel Pentium E5300 @ 2.60GHz	1538	1874	66.94	\$22.99
Intel Pentium E5400 @ 2.70GHz	1599	1852	80.01	\$19.99*
Intel Pentium E5500 @ 2.80GHz	1637	1830	82.09	\$19.95*
Intel Pentium E5700 @ 3.00GHz	1737	1769	115.89	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1891	1699	63.08	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1707	1788	165.79	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1764	1753	11.17	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1863	1713	18.63	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1932	1674	113.74	\$16.99*
Intel Pentium E6800 @ 3.33GHz	1988	1650	22.34	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2232	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2194	NA	NA
Intel Pentium G620 @ 2.60GHz	2292	1520	91.75	\$24.99*
Intel Pentium G620T @ 2.20GHz	2028	1633	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2373	1493	23.73	\$100.00*
Intel Pentium G630T @ 2.30GHz	2089	1608	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2524	1433	16.83	\$150.00
Intel Pentium G640T @ 2.40GHz	1979	1653	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G645 @ 2.90GHz	2589	1411	16.18	\$160.00
Intel Pentium G645T @ 2.50GHz	2288	1522	NA	NA
Intel Pentium G840 @ 2.80GHz	2561	1424	73.21	\$34.99*
Intel Pentium G850 @ 2.90GHz	2665	1387	13.46	\$197.99
Intel Pentium G860 @ 3.00GHz	2742	1365	33.05	\$82.99
Intel Pentium G870 @ 3.10GHz	2814	1340	29.01	\$97.00
Intel Pentium G2010 @ 2.80GHz	2600	1407	74.53	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2757	1361	46.00	\$59.95
Intel Pentium G2020T @ 2.50GHz	2435	1467	51.18	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2869	1323	71.75	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2487	1451	38.86	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1358	NA	NA
Intel Pentium G2120 @ 3.10GHz	3082	1248	19.32	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3205	1205	64.12	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3384	1157	67.71	\$49.99*
Intel Pentium G3220 @ 3.00GHz	3127	1234	27.44	\$114.00
Intel Pentium G3220T @ 2.60GHz	2573	1420	36.76	\$69.99*
Intel Pentium G3240 @ 3.10GHz	3157	1226	23.12	\$136.58
Intel Pentium G3240T @ 2.70GHz	2840	1327	NA	NA
Intel Pentium G3250 @ 3.20GHz	3250	1191	29.55	\$109.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3250T @ 2.80GHz	2971	1286	33.02	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3876	1029	20.59	\$188.28
Intel Pentium G3260 @ 3.30GHz	3358	1165	23.99	\$139.99
Intel Pentium G3260T @ 2.90GHz	2930	1298	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1485	NA	NA
Intel Pentium G3420 @ 3.20GHz	3398	1151	30.90	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1272	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1153	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3314	1174	20.72	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1243	NA	NA
Intel Pentium G3450 @ 3.40GHz	3700	1076	37.01	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1289	NA	NA
Intel Pentium G3460 @ 3.50GHz	3582	1103	12.43	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3704	1075	35.53	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3549	1113	30.87	\$114.99
Intel Pentium G4400T @ 2.90GHz	3183	1212	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1321	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3802	1052	26.43	\$143.90
Intel Pentium G4500T @ 3.00GHz	3471	1134	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	971	40.24	\$103.99*
Intel Pentium G4560 @ 3.50GHz	4866	837	52.33	\$92.99
Intel Pentium G4560T @ 2.90GHz	3991	1007	36.29	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5079	791	49.44	\$102.73
Intel Pentium G4600T @ 3.00GHz	4266	955	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5210	770	45.84	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1859	1714	46.49	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1585	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2057	1622	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5189	776	69.20	\$74.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium Gold G5400T @ 3.10GHz	5048	801	78.89	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5224	769	43.90	\$119.00
Intel Pentium Gold G5500T @ 3.20GHz	4342	941	57.89	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5667	706	52.11	\$108.75*
Intel Pentium III 933S @ 933MHz	238	2748	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2686	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2701	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2646	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2666	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2662	NA	NA
Intel Pentium III Mobile 750MHz	103	2835	NA	NA
Intel Pentium III Mobile 800MHz	182	2799	NA	NA
Intel Pentium III Mobile 866MHz	152	2817	NA	NA
Intel Pentium III Mobile 933MHz	218	2763	7.55	\$28.99
Intel Pentium III Mobile 1000MHz	245	2738	NA	NA
Intel Pentium III Mobile 1066MHz	246	2737	NA	NA
Intel Pentium III Mobile 1133MHz	251	2731	NA	NA
Intel Pentium III Mobile 1200MHz	240	2745	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1726	NA	NA
Intel Pentium J2900 @ 2.41GHz	1963	1662	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	1918	1682	NA	NA
Intel Pentium J4205 @ 1.50GHz	2285	1526	NA	NA
Intel Pentium M 1.10GHz	282	2692	NA	NA
Intel Pentium M 1.20GHz	298	2664	NA	NA
Intel Pentium M 1.30GHz	301	2656	NA	NA
Intel Pentium M 1.40GHz	345	2608	NA	NA
Intel Pentium M 1.50GHz	366	2585	NA	NA
Intel Pentium M 1.60GHz	364	2590	NA	NA
Intel Pentium M 1.70GHz	406	2533	NA	NA
Intel Pentium M 1.73GHz	413	2523	NA	NA
Intel Pentium M 1.80GHz	411	2525	NA	NA
Intel Pentium M 1.86GHz	439	2500	NA	NA
Intel Pentium M 2.00GHz	461	2477	NA	NA
Intel Pentium M 2.10GHz	448	2488	NA	NA
Intel Pentium M 2.13GHz	504	2434	NA	NA
Intel Pentium M 2.26GHz	509	2431	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2455	NA	NA
Intel Pentium M 900MHz	217	2766	NA	NA
Intel Pentium M 1000MHz	233	2751	NA	NA
Intel Pentium M 1100MHz	259	2723	NA	NA
Intel Pentium M 1200MHz	237	2749	NA	NA
Intel Pentium M 1300MHz	303	2650	NA	NA
Intel Pentium M 1400MHz	320	2631	NA	NA
Intel Pentium M 1500MHz	354	2597	NA	NA
Intel Pentium M 1600MHz	334	2619	NA	NA
Intel Pentium M 1700MHz	377	2570	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1885	NA	NA
Intel Pentium N3520 @ 2.16GHz	1789	1745	NA	NA
Intel Pentium N3530 @ 2.16GHz	1894	1697	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium N3540 @ 2.16GHz	1925	1677	7.68	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1831	1731	4.12	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1865	1711	NA	NA
Intel Pentium N4200 @ 1.10GHz	2027	1634	9.08	\$223.22*
Intel Pentium P6000 @ 1.87GHz	1243	2030	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	1976	110.50	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1349	1965	30.01	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1948	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2906	1309	13.21	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2434	1468	15.12	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2534	NA	NA
Intel Pentium SU4100 @ 1.30GHz	855	2256	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2262	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2345	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2327	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2323	NA	NA
Intel Pentium T2310 @ 1.46GHz	733	2311	NA	NA
Intel Pentium T2330 @ 1.60GHz	830	2268	NA	NA
Intel Pentium T2370 @ 1.73GHz	843	2261	24.10	\$35.00*
Intel Pentium T2390 @ 1.86GHz	946	2208	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2410 @ 2.00GHz	977	2182	NA	NA
Intel Pentium T3200 @ 2.00GHz	1031	2144	85.96	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1112	2098	12.36	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1149	2081	95.83	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1232	2035	NA	NA
Intel Pentium T4400 @ 2.20GHz	1284	2005	NA	NA
Intel Pentium T4500 @ 2.30GHz	1335	1972	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2275	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2203	NA	NA
Intel T1200 @ 1.50GHz	435	2506	NA	NA
Intel T1400 @ 1.73GHz	929	2218	NA	NA
Intel T1500 @ 1.86GHz	953	2202	NA	NA
Intel T2050 @ 2.00GHz	959	2197	NA	NA
Intel Xeon 2.00GHz	233	2750	NA	NA
Intel XEON 2.20GHz	252	2729	NA	NA
Intel Xeon 2.40GHz	276	2704	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2505	NA	NA
Intel Xeon 2.80GHz	400	2545	NA	NA
Intel Xeon 3.00GHz	391	2558	NA	NA
Intel Xeon 3.06GHz	491	2441	NA	NA
Intel Xeon 3.20GHz	461	2475	NA	NA
Intel Xeon 3.40GHz	478	2458	NA	NA
Intel Xeon 3.60GHz	509	2430	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2141	NA	NA
Intel Xeon 3.80GHz	604	2374	0.71	\$851.00*
Intel Xeon 1500MHz	193	2789	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	2004	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	1987	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1886	66.07	\$22.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3065 @ 2.33GHz	1520	1882	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1747	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1723	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1865	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2124	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	2027	0.77	\$1,619.99
Intel Xeon 5130 @ 2.00GHz	1366	1952	43.44	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1853	NA	NA
Intel Xeon 5140 @ 2.33GHz	1644	1825	35.00	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1858	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1755	1760	16.88	\$103.99*
Intel Xeon 5160 @ 3.00GHz	1963	1661	52.38	\$37.49
Intel Xeon @ 2.20GHz	1902	1691	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5664	707	24.52	\$231.01
Intel Xeon Bronze 3106 @ 1.70GHz	6698	600	20.30	\$329.99
Intel Xeon D-1518 @ 2.20GHz	5322	760	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	695	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	570	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	450	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	326	27.96	\$348.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1537 @ 1.70GHz	7731	497	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	259	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11102	237	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	254	19.24	\$555.00*
Intel Xeon D-1559 @ 1.50GHz	8055	466	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	146	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	160	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	457	38.22	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	190	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	165	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18627	68	10.56	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6099	660	107.00	\$57.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6693	601	91.69	\$73.00
Intel Xeon E3-1220 v3 @ 3.10GHz	7132	556	48.19	\$148.00
Intel Xeon E3-1220 v5 @ 3.00GHz	7755	496	36.07	\$214.99
Intel Xeon E3-1220 v6 @ 3.00GHz	7859	483	36.56	\$214.99
Intel Xeon E3-1220L @ 2.20GHz	3563	1108	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	927	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1601	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5889	679	53.06	\$111.00
Intel Xeon E3-1225 V2 @ 3.20GHz	6897	579	88.43	\$78.00
Intel Xeon E3-1225 v3 @ 3.20GHz	7242	548	49.61	\$146.00
Intel Xeon E3-1225 v5 @ 3.30GHz	7813	490	29.15	\$268.04*
Intel Xeon E3-1225 v6 @ 3.30GHz	8139	458	34.64	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7562	514	13.43	\$563.00*
Intel Xeon E3-1230 @ 3.20GHz	7848	487	75.47	\$104.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8861	403	61.54	\$144.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9332	358	49.11	\$190.03
Intel Xeon E3-1230 v5 @ 3.40GHz	9786	321	34.95	\$279.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1230 v6 @ 3.50GHz	9847	314	37.88	\$259.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	550	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9624	333	56.94	\$169.03
Intel Xeon E3-1235 @ 3.20GHz	7680	505	31.48	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	619	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7962	477	60.32	\$132.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9139	372	39.91	\$229.00
Intel Xeon E3-1240 v3 @ 3.40GHz	9656	332	25.12	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10374	268	30.36	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10335	271	34.65	\$298.31
Intel Xeon E3-1240L v3 @ 2.00GHz	7513	518	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	494	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10016	295	24.78	\$404.25*
Intel Xeon E3-1245 @ 3.30GHz	7997	474	39.39	\$203.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9126	374	52.15	\$175.00
Intel Xeon E3-1245 v3 @ 3.40GHz	9562	336	30.95	\$309.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10182	282	29.49	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10564	260	34.08	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9857	313	24.10	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6534	614	76.32	\$85.62

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	278	14.02	\$728.99
Intel Xeon E3-1265L @ 2.40GHz	6038	667	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7403	533	24.27	\$305.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9199	369	12.96	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	381	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	486	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	415	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	446	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9475	346	33.57	\$282.22
Intel Xeon E3-1270 v3 @ 3.50GHz	9909	308	26.78	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10301	273	19.54	\$527.18
Intel Xeon E3-1270 v6 @ 3.80GHz	11161	233	32.96	\$338.61
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	253	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10093	289	11.37	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8212	449	27.02	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9447	350	23.93	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	9910	307	24.71	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10366	269	18.75	\$553.00*
Intel Xeon E3-1275 v6 @ 3.80GHz	11142	235	30.12	\$369.99
Intel Xeon E3-1275L v3 @ 2.70GHz	8906	398	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10205	279	9.51	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8465	431	23.01	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9447	348	11.00	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9775	324	14.02	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	255	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	227	20.23	\$562.00*
Intel Xeon E3-1281 v3 @ 3.70GHz	10276	275	11.71	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	265	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	262	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	218	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	301	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	11048	240	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	309	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	341	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	413	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	330	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	631	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8940	397	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9817	316	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10093	290	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9333	357	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10618	258	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10456	266	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10625	257	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	249	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	286	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	542	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	527	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5569	717	21.21	\$262.59*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1603 v3 @ 2.80GHz	6177	648	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6432	621	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5882	680	267.51	\$21.99*
Intel Xeon E5-1607 v2 @ 3.00GHz	6211	645	19.85	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6961	571	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	546	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9038	383	27.40	\$329.93
Intel Xeon E5-1620 v2 @ 3.70GHz	9478	345	158.11	\$59.95
Intel Xeon E5-1620 v3 @ 3.50GHz	9751	325	60.95	\$159.99
Intel Xeon E5-1620 v4 @ 3.50GHz	9923	305	31.40	\$315.99
Intel Xeon E5-1630 v3 @ 3.70GHz	10258	276	17.16	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10291	274	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11718	222	22.98	\$509.95
Intel Xeon E5-1650 v2 @ 3.50GHz	12718	194	106.04	\$119.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13626	173	60.56	\$225.00
Intel Xeon E5-1650 v4 @ 3.60GHz	14244	153	22.57	\$631.17
Intel Xeon E5-1660 @ 3.30GHz	12361	204	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13808	166	7.63	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14573	143	9.02	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16161	109	13.14	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16222	105	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16431	99	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	88	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	75	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1120	10.37	\$339.97*
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1146	18.09	\$189.00*
Intel Xeon E5-2407 @ 2.20GHz	4148	977	12.38	\$335.04*
Intel Xeon E5-2407 v2 @ 2.40GHz	4498	911	9.44	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	772	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2420 @ 1.90GHz	7045	565	338.89	\$20.79*
Intel Xeon E5-2420 v2 @ 2.20GHz	8632	423	42.52	\$203.00
Intel Xeon E5-2430 @ 2.20GHz	6878	581	171.96	\$40.00
Intel Xeon E5-2430 v2 @ 2.50GHz	8991	390	89.91	\$100.00
Intel Xeon E5-2430L @ 2.00GHz	7269	545	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	608	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	370	183.72	\$49.96*
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	360	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	393	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	281	27.61	\$369.00*
Intel Xeon E5-2450L @ 1.80GHz	8261	444	103.28	\$79.99*
Intel Xeon E5-2470 @ 2.30GHz	10061	294	31.77	\$316.72*
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	191	75.18	\$170.75
Intel Xeon E5-2603 @ 1.80GHz	3580	1105	143.52	\$24.95
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1060	127.15	\$29.62*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	778	31.78	\$163.00
Intel Xeon E5-2603 v4 @ 1.70GHz	5451	735	23.70	\$229.99
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	485	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4616	884	81.70	\$56.50
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	780	37.02	\$139.11

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2609 v3 @ 1.90GHz	5896	678	14.78	\$399.00*
Intel Xeon E5-2609 v4 @ 1.70GHz	6890	580	21.53	\$319.99
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	213	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	144	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7904	480	486.13	\$16.26
Intel Xeon E5-2620 v2 @ 2.10GHz	8685	417	250.68	\$34.65
Intel Xeon E5-2620 v3 @ 2.40GHz	10007	297	27.80	\$360.00
Intel Xeon E5-2620 v4 @ 2.10GHz	11359	228	27.11	\$418.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	391	22.20	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8444	433	15.38	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	352	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	206	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	185	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	242	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8860	404	93.65	\$94.61
Intel Xeon E5-2630 v2 @ 2.60GHz	10401	267	178.62	\$58.23
Intel Xeon E5-2630 v3 @ 2.40GHz	12805	192	41.44	\$309.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13912	162	22.26	\$625.00
Intel Xeon E5-2630L @ 2.00GHz	7865	481	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	378	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	328	12.94	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	189	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9447	349	36.17	\$261.17*
Intel Xeon E5-2637 v3 @ 3.50GHz	10144	283	7.83	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	264	9.65	\$1,085.28
Intel Xeon E5-2640 @ 2.50GHz	9401	353	85.76	\$109.62
Intel Xeon E5-2640 v2 @ 2.00GHz	10143	284	74.71	\$135.77
Intel Xeon E5-2640 v3 @ 2.60GHz	13897	163	11.69	\$1,188.74*
Intel Xeon E5-2640 v4 @ 2.40GHz	15364	128	15.35	\$1,000.86
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2643 @ 3.30GHz	8436	434	3.79	\$2,226.00*
Intel Xeon E5-2643 v2 @ 3.50GHz	13030	186	100.24	\$129.99
Intel Xeon E5-2643 v3 @ 3.40GHz	13844	164	30.10	\$460.00
Intel Xeon E5-2643 v4 @ 3.40GHz	13655	170	8.35	\$1,634.98
Intel Xeon E5-2648L @ 1.80GHz	7426	528	NA	NA
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	226	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	171	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	139	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10104	288	101.05	\$99.99
Intel Xeon E5-2650 v2 @ 2.60GHz	13238	182	165.50	\$79.99
Intel Xeon E5-2650 v3 @ 2.30GHz	14844	137	42.66	\$348.00
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	120	13.22	\$1,199.99
Intel Xeon E5-2650L @ 1.80GHz	8676	418	109.83	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9857	311	66.15	\$149.02*
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	179	9.66	\$1,399.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	158	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	230	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	343	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	156	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	104	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	91	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11060	239	158.12	\$69.95
Intel Xeon E5-2660 v2 @ 2.20GHz	13266	181	70.19	\$189.00
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	107	31.80	\$509.00
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	90	11.25	\$1,499.99
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	161	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11545	225	201.42	\$57.32
Intel Xeon E5-2667 @ 2.90GHz	10365	270	162.27	\$63.88
Intel Xeon E5-2667 v2 @ 3.30GHz	16186	106	21.20	\$763.56*
Intel Xeon E5-2667 v3 @ 3.20GHz	16165	108	38.95	\$415.00*
Intel Xeon E5-2667 v4 @ 3.20GHz	16641	93	7.27	\$2,287.99*
Intel Xeon E5-2670 @ 2.60GHz	12111	214	79.84	\$151.70
Intel Xeon E5-2670 v2 @ 2.50GHz	14995	135	94.31	\$159.00
Intel Xeon E5-2670 v3 @ 2.30GHz	16494	95	21.36	\$772.32
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	102	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16432	98	23.48	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	39	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15073	132	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	81	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17174	87	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	16	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12573	201	73.97	\$169.99
Intel Xeon E5-2680 v2 @ 2.80GHz	15892	119	67.63	\$234.99
Intel Xeon E5-2680 v3 @ 2.50GHz	18592	70	26.21	\$709.34*
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	51	10.65	\$1,866.95*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	46	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17379	83	8.76	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	66	9.62	\$1,979.99
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	134	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	63	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	54	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14347	151	34.57	\$415.00*
Intel Xeon E5-2687W v2 @ 3.40GHz	16477	96	32.31	\$509.99
Intel Xeon E5-2687W v3 @ 3.10GHz	17736	80	5.89	\$3,008.95*
Intel Xeon E5-2687W v4 @ 3.00GHz	19855	53	9.04	\$2,196.99
Intel Xeon E5-2689 @ 2.60GHz	13526	178	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	55	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13598	175	80.46	\$169.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16441	97	40.20	\$409.00
Intel Xeon E5-2690 v3 @ 2.60GHz	19240	64	12.78	\$1,505.95*
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	42	9.83	\$2,169.99
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	111	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15897	117	38.87	\$409.00
Intel Xeon E5-2695 v3 @ 2.30GHz	19673	58	9.79	\$2,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	48	7.70	\$2,632.01
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	94	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	27	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	43	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17274	85	37.55	\$460.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2697 v3 @ 2.60GHz	21368	41	35.03	\$609.99
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	38	7.75	\$2,775.99
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	28	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21133	44	6.17	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	35	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	29	4.97	\$4,505.95*
Intel Xeon E5-2699 v4 @ 2.20GHz	23200	25	5.23	\$4,433.43*
Intel Xeon E5-4603 @ 2.00GHz	5014	811	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	366	NA	NA
Intel Xeon E5-4617 @ 2.90GHz	9029	385	100.44	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	460	58.06	\$139.99
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	145	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	124	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	261	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	196	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	238	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11860	220	124.21	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	221	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	207	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	118	5.30	\$3,000.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	121	3.30	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	174	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1238	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2162	1576	94.07	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1471	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1549	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1936	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1472	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1539	46.22	\$49.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5320 @ 1.86GHz	2288	1523	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1441	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2923	1302	73.12	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2839	1328	48.12	\$59.00*
Intel Xeon E5410 @ 2.33GHz	3251	1190	55.11	\$59.00*
Intel Xeon E5420 @ 2.50GHz	3492	1125	13.44	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3769	1058	54.63	\$69.00*
Intel Xeon E5440 @ 2.83GHz	3971	1012	209.58	\$18.95*
Intel Xeon E5450 @ 3.00GHz	4192	969	77.63	\$54.00*
Intel Xeon E5462 @ 2.80GHz	3870	1032	141.78	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4090	988	136.16	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	1949	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1938	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2687	1381	38.42	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2975	1283	196.17	\$15.17*
Intel Xeon E5507 @ 2.27GHz	3125	1235	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4435	922	88.91	\$49.89
Intel Xeon E5530 @ 2.40GHz	4564	894	217.44	\$20.99*
Intel Xeon E5540 @ 2.53GHz	4807	848	81.49	\$59.00*
Intel Xeon E5603 @ 1.60GHz	2366	1497	18.34	\$129.04*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5606 @ 2.13GHz	3054	1259	13.95	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3380	1159	15.44	\$219.00*
Intel Xeon E5620 @ 2.40GHz	4804	850	72.26	\$66.50
Intel Xeon E5630 @ 2.53GHz	5088	787	115.79	\$43.94
Intel Xeon E5640 @ 2.67GHz	5256	765	88.36	\$59.49*
Intel Xeon E5645 @ 2.40GHz	6424	624	59.50	\$107.98
Intel Xeon E5649 @ 2.53GHz	6936	575	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1474	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	488	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9478	344	41.72	\$227.18
Intel Xeon E-2124G @ 3.40GHz	9857	312	39.41	\$250.16
Intel Xeon E-2126G @ 3.30GHz	14051	159	46.84	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10310	272	38.19	\$269.99*
Intel Xeon E-2136 @ 3.30GHz	15827	122	49.46	\$319.99*
Intel Xeon E-2144G @ 3.60GHz	11214	231	34.87	\$321.58
Intel Xeon E-2146G @ 3.50GHz	15935	114	44.89	\$354.99*
Intel Xeon E-2174G @ 3.80GHz	12254	210	32.98	\$371.60
Intel Xeon E-2176G @ 3.70GHz	15489	125	42.79	\$362.00*
Intel Xeon E-2176M @ 2.70GHz	13772	168	30.61	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	15911	115	30.31	\$524.99
Intel Xeon E-2186M @ 2.90GHz	14615	142	23.46	\$623.00*
Intel Xeon Gold 5118 @ 2.30GHz	16389	100	11.95	\$1,370.98*
Intel Xeon Gold 5120 @ 2.20GHz	16308	103	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	76	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	11154	234	8.78	\$1,269.99
Intel Xeon Gold 6126 @ 2.60GHz	19711	57	10.35	\$1,905.03
Intel Xeon Gold 6128 @ 3.40GHz	14864	136	8.09	\$1,837.99*
Intel Xeon Gold 6130 @ 2.10GHz	19277	62	9.89	\$1,949.99
Intel Xeon Gold 6132 @ 2.60GHz	23907	21	10.65	\$2,244.49*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 6134 @ 3.20GHz	18083	77	7.94	\$2,279.00
Intel Xeon Gold 6136 @ 3.00GHz	21079	45	8.07	\$2,612.99*
Intel Xeon Gold 6138 @ 2.00GHz	25416	14	9.48	\$2,679.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	20	9.82	\$2,439.99
Intel Xeon Gold 6144 @ 3.50GHz	19654	59	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	17	6.65	\$3,782.88
Intel Xeon Gold 6148 @ 2.40GHz	26660	9	9.08	\$2,935.00*
Intel Xeon Gold 6152 @ 2.10GHz	23498	23	6.18	\$3,799.99
Intel Xeon Gold 6154 @ 3.00GHz	27722	7	7.22	\$3,839.78*
Intel Xeon L3110 @ 3.00GHz	2273	1535	NA	NA
Intel Xeon L3360 @ 2.83GHz	3864	1034	43.31	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1970	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	1039	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1734	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1537	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1532	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1584	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1362	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3037	1266	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1162	33.67	\$100.08*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5420 @ 2.50GHz	3506	1123	127.50	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3723	1072	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1073	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	933	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	938	225.95	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4369	935	67.22	\$65.00*
Intel Xeon L5638 @ 2.00GHz	5556	718	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	582	NA	NA
Intel Xeon L5640 @ 2.27GHz	6344	635	211.71	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1040	NA	NA
Intel Xeon MV 3.20GHz	683	2338	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26652	10	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	28683	4	4.87	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	3	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	5	NA	NA
Intel Xeon Silver 4108 @ 1.80GHz	10664	256	23.70	\$449.99
Intel Xeon Silver 4109T @ 2.00GHz	10946	245	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11703	223	23.11	\$506.38
Intel Xeon Silver 4112 @ 2.60GHz	8611	425	16.80	\$512.59
Intel Xeon Silver 4114 @ 2.20GHz	14301	152	18.62	\$767.99
Intel Xeon Silver 4116 @ 2.10GHz	15417	126	17.65	\$873.47
Intel Xeon Silver 4123 @ 3.00GHz	15185	130	NA	NA
Intel Xeon W3503 @ 2.40GHz	1755	1759	108.25	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1844	1721	NA	NA
Intel Xeon W3520 @ 2.67GHz	5057	798	175.91	\$28.75*
Intel Xeon W3530 @ 2.80GHz	5359	749	18.23	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	728	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5694	701	94.99	\$59.95*
Intel Xeon W3565 @ 3.20GHz	5939	673	84.91	\$69.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W3570 @ 3.20GHz	6062	665	12.63	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6366	634	29.68	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8121	461	16.24	\$499.99*
Intel Xeon W3680 @ 3.33GHz	9026	386	11.88	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9135	373	46.85	\$195.01
Intel Xeon W5580 @ 3.20GHz	5836	687	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	647	49.47	\$125.00*
Intel Xeon W-2102 @ 2.90GHz	6953	573	29.49	\$235.84
Intel Xeon W-2104 @ 3.20GHz	7439	526	29.17	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10718	252	32.13	\$333.56
Intel Xeon W-2125 @ 4.00GHz	12362	203	24.57	\$503.10*
Intel Xeon W-2133 @ 3.60GHz	14146	155	22.93	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16345	101	15.97	\$1,023.82*
Intel Xeon W-2140B @ 3.20GHz	18610	69	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19717	56	16.52	\$1,193.20
Intel Xeon W-2150B @ 3.00GHz	21543	37	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21773	36	14.23	\$1,530.39*
Intel Xeon W-2175 @ 2.50GHz	24751	19	12.71	\$1,947.00*
Intel Xeon W-2195 @ 2.30GHz	24983	18	8.94	\$2,794.91*
Intel Xeon X3210 @ 2.13GHz	2739	1366	14.75	\$185.71*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3220 @ 2.40GHz	3088	1247	14.71	\$209.95*
Intel Xeon X3230 @ 2.66GHz	3398	1150	9.44	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3309	1178	14.42	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3167	1218	163.59	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3379	1160	16.09	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1045	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1036	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3942	1021	24.96	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3988	1008	117.00	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	953	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	871	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3355	1166	159.42	\$21.05*
Intel Xeon X3440 @ 2.53GHz	4536	904	20.16	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4770	857	59.66	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5014	810	14.05	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5114	783	40.78	\$125.43*
Intel Xeon X3480 @ 3.07GHz	5657	708	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1460	17.63	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2553	1427	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1484	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3181	1213	77.61	\$41.00*
Intel Xeon X5365 @ 3.00GHz	3491	1126	35.09	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4117	986	68.67	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4328	945	43.38	\$99.78*
Intel Xeon X5470 @ 3.33GHz	4593	892	24.30	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4014	999	17.84	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4529	906	45.30	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	838	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5387	745	311.96	\$17.27*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5560 @ 2.80GHz	5399	742	111.65	\$48.36
Intel Xeon X5570 @ 2.93GHz	5679	704	63.81	\$89.00*
Intel Xeon X5647 @ 2.93GHz	5920	676	29.64	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7388	534	341.56	\$21.63
Intel Xeon X5660 @ 2.80GHz	7580	513	70.19	\$107.99
Intel Xeon X5667 @ 3.07GHz	6291	638	79.63	\$79.00*
Intel Xeon X5670 @ 2.93GHz	7857	484	196.45	\$40.00
Intel Xeon X5672 @ 3.20GHz	6419	625	240.62	\$26.68
Intel Xeon X5675 @ 3.07GHz	8176	454	61.69	\$132.55
Intel Xeon X5677 @ 3.47GHz	6951	574	66.20	\$105.00*
Intel Xeon X5679 @ 3.20GHz	8845	405	NA	NA
Intel Xeon X5680 @ 3.33GHz	8407	437	112.10	\$75.00
Intel Xeon X5687 @ 3.60GHz	7076	562	64.92	\$109.00*
Intel Xeon X5690 @ 3.47GHz	8883	402	47.00	\$188.99
Intel Xeon X5698 @ 4.40GHz	4272	954	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1282	NA	NA
Mobile AMD Athlon 4	314	2640	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2594	NA	NA
Mobile AMD Athlon 64 2700+	398	2546	NA	NA
Mobile AMD Athlon 64 2800+	440	2497	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon 64 3000+	450	2485	NA	NA
Mobile AMD Athlon 64 3200+	448	2489	NA	NA
Mobile AMD Athlon 64 3400+	511	2428	NA	NA
Mobile AMD Athlon 64 3700+	435	2507	NA	NA
Mobile AMD Athlon 64 4000+	576	2389	NA	NA
Mobile AMD Athlon 1400+	266	2715	NA	NA
Mobile AMD Athlon 2500+	370	2579	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2716	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2568	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2670	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2439	NA	NA
Mobile AMD Athlon XP	572	2393	45.81	\$12.49*
Mobile AMD Athlon XP-M	512	2427	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2797	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2719	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2721	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2627	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2665	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2612	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2658	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2589	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2607	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2604	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2578	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2587	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2586	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2498	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2445	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2432	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 (LV) 1500+	288	2677	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2668	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2618	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2576	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2461	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2433	NA	NA
Mobile AMD Sempron 2100+	252	2730	NA	NA
Mobile AMD Sempron 2600+	394	2553	NA	NA
Mobile AMD Sempron 2800+	361	2592	NA	NA
Mobile AMD Sempron 3000+	389	2562	NA	NA
Mobile AMD Sempron 3100+	416	2520	NA	NA
Mobile AMD Sempron 3200+	354	2598	NA	NA
Mobile AMD Sempron 3300+	445	2491	NA	NA
Mobile AMD Sempron 3400+	441	2496	NA	NA
Mobile AMD Sempron 3500+	408	2530	NA	NA
Mobile AMD Sempron 3600+	427	2515	NA	NA
Mobile AMD Sempron 3800+	485	2451	NA	NA
Mobile Intel Celeron 1.20GHz	170	2808	NA	NA
Mobile Intel Celeron 1.50GHz	188	2792	NA	NA
Mobile Intel Celeron 1.60GHz	188	2793	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 1.70GHz	181	2801	NA	NA
Mobile Intel Celeron 1.80GHz	186	2795	NA	NA
Mobile Intel Celeron 2.00GHz	204	2777	NA	NA
Mobile Intel Celeron 2.20GHz	226	2757	NA	NA
Mobile Intel Celeron 2.40GHz	239	2746	NA	NA
Mobile Intel Celeron 2.50GHz	281	2695	NA	NA
Mobile Intel Celeron 1200MHz	294	2671	NA	NA
Mobile Intel Celeron 1333MHz	280	2698	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2703	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2718	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2700	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2638	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2615	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2595	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2499	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2459	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2787	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2807	0.83	\$208.86
Mobile Intel Pentium 4 - M 1.80GHz	175	2804	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2752	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2782	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2784	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2768	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2725	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2642	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2771	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2783	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2734	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2675	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium III - M 1200MHz	224	2758	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2676	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1446	NA	NA
Quad-Core AMD Opteron 1385	3442	1143	63.75	\$54.00
Quad-Core AMD Opteron 1389	3446	1140	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1301	NA	NA
VIA C3 Ezra	100	2836	NA	NA
VIA C7 1500MHz	284	2687	NA	NA
VIA C7-D 1500MHz	287	2683	NA	NA
VIA C7-D 1800MHz	203	2779	NA	NA
VIA C7-D 2000MHz	368	2582	NA	NA
VIA C7-M 1000MHz	164	2810	NA	NA
VIA C7-M 1200MHz	140	2823	NA	NA
VIA C7-M 1600MHz	178	2803	NA	NA
VIA C7-M 6300MHz	222	2760	NA	NA
VIA Eden 800MHz	155	2814	NA	NA
VIA Eden 1000MHz	123	2831	NA	NA
VIA Eden 1200MHz	142	2822	NA	NA
VIA Eden C1050@1.06GHz	352	2601	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2457	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Eden X4 C4250 @ 1.2+GHz	1147	2085	NA	NA
VIA Esther 1000MHz	146	2821	NA	NA
VIA Esther 1300MHz	250	2732	NA	NA
VIA Esther 1500MHz	219	2762	NA	NA
VIA Esther 2000MHz	394	2552	NA	NA
VIA Nano L1900@1400MHz	457	2479	NA	NA
VIA Nano L2007@1600MHz	369	2580	NA	NA
VIA Nano L2100@1800MHz	428	2513	NA	NA
VIA Nano L2207@1600MHz	296	2667	NA	NA
VIA Nano L3025@1600MHz	517	2424	NA	NA
VIA Nano L3050@1800MHz	581	2387	NA	NA
VIA Nano L3600@2000MHz	645	2353	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2569	NA	NA
VIA Nano U2250@1300+MHz	274	2707	NA	NA
VIA Nano U2500@1200MHz	306	2649	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2436	NA	NA
VIA Nano U3300@1200MHz	409	2527	NA	NA
VIA Nano U3500@1000MHz	275	2705	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2372	NA	NA
VIA Nehemiah	155	2815	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1693	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1954	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2066	NA	NA
VIA Samuel 2	79	2838	NA	NA

* - Last price seen from our affiliates.

Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	290	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	122	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	393	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	399	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	445	NA	NA
[Dual CPU] AMD EPYC 7281	12720	176	9.18	\$1,385.98
[Dual CPU] AMD EPYC 7371	23933	63	NA	NA
[Dual CPU] AMD EPYC 7401	23518	65	6.19	\$3,801.66
[Dual CPU] AMD EPYC 7451	28957	33	5.77	\$5,022.16
[Dual CPU] AMD EPYC 7501	29003	32	4.14	\$6,997.44
[Dual CPU] AMD EPYC 7551	30966	22	4.35	\$7,119.12
[Dual CPU] AMD EPYC 7601	33545	15	3.89	\$8,625.02
[Dual CPU] AMD Opteron 246	1130	434	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	435	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	431	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	432	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	440	NA	NA
[Dual CPU] AMD Opteron 256	1853	428	48.76	\$38.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 265	2010	426	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	422	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	425	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	417	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	407	NA	NA
[Dual CPU] AMD Opteron 290	2716	409	10.06	\$270.00*
[Dual CPU] AMD Opteron 885	2851	403	NA	NA
[Dual CPU] AMD Opteron 2212	2203	423	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	418	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	415	NA	NA
[Dual CPU] AMD Opteron 2216	2485	414	50.10	\$49.60
[Dual CPU] AMD Opteron 2216 HE	2593	411	NA	NA
[Dual CPU] AMD Opteron 2218	2719	408	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	412	NA	NA
[Dual CPU] AMD Opteron 2220	2854	402	0.97	\$2,950.32*
[Dual CPU] AMD Opteron 2220 SE	2882	401	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	397	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	391	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	381	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	388	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	382	7.55	\$539.98*
[Dual CPU] AMD Opteron 2354	4554	370	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	373	12.22	\$363.30*
[Dual CPU] AMD Opteron 2360 SE	5315	352	91.64	\$58.00
[Dual CPU] AMD Opteron 2373 EE	4164	379	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	366	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	353	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	351	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	339	63.93	\$90.00
[Dual CPU] AMD Opteron 2384	5914	335	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	325	NA	NA
[Dual CPU] AMD Opteron 2389	5677	340	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	355	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	327	NA	NA
[Dual CPU] AMD Opteron 2427	5907	336	29.83	\$198.00
[Dual CPU] AMD Opteron 2431	6438	319	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7068	305	18.70	\$378.00
[Dual CPU] AMD Opteron 2439 SE	8071	275	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	383	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	342	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	322	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	320	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7813	284	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	274	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	278	NA	NA
[Dual CPU] AMD Opteron 4234	9361	244	20.35	\$459.98*
[Dual CPU] AMD Opteron 4276 HE	9681	237	NA	NA
[Dual CPU] AMD Opteron 4280	4525	371	45.25	\$100.00
[Dual CPU] AMD Opteron 4284	9151	245	76.27	\$119.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 4334	9456	243	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	216	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	224	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	202	40.57	\$279.98*
[Dual CPU] AMD Opteron 6128	6881	310	172.11	\$39.98
[Dual CPU] AMD Opteron 6128 HE	5582	345	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	259	NA	NA
[Dual CPU] AMD Opteron 6134	7586	292	86.22	\$87.98
[Dual CPU] AMD Opteron 6136	7255	299	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	358	NA	NA
[Dual CPU] AMD Opteron 6168	7741	287	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7621	291	27.41	\$278.00
[Dual CPU] AMD Opteron 6174	8056	277	40.69	\$198.00
[Dual CPU] AMD Opteron 6176 SE	8448	264	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	394	NA	NA
[Dual CPU] AMD Opteron 6204	7134	302	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8960	250	149.38	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	211	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	227	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	218	86.26	\$119.98*
[Dual CPU] AMD Opteron 6272	10008	232	7.59	\$1,317.78
[Dual CPU] AMD Opteron 6274	10536	214	114.55	\$91.98
[Dual CPU] AMD Opteron 6275	10900	210	NA	NA
[Dual CPU] AMD Opteron 6276	10194	226	30.16	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	190	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	265	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10716	212	20.69	\$518.02
[Dual CPU] AMD Opteron 6328	11842	193	16.49	\$718.00
[Dual CPU] AMD Opteron 6344	11203	205	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	199	28.53	\$399.98*
[Dual CPU] AMD Opteron 6376	10405	217	80.04	\$130.00
[Dual CPU] AMD Opteron 6378	2905	400	3.64	\$798.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6380	14200	159	73.20	\$193.98
[Dual CPU] AMD Opteron 6386 SE	12195	186	40.65	\$299.98*
[Dual CPU] AMD Opteron 8218	2831	404	61.54	\$46.00
[Dual CPU] AMD Opteron 8220	2510	413	50.22	\$49.98
[Dual CPU] AMD Opteron 8222 SE	2793	406	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	392	67.15	\$48.00
[Dual CPU] AMD Opteron 8380	5643	343	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	354	NA	NA
[Dual CPU] AMD Opteron 8389	6517	316	41.25	\$158.00
[Dual CPU] AMD Opteron 8431	5813	337	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	313	46.80	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	289	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	433	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	420	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	387	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	280	2.19	\$3,611.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	454	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	452	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	448	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	450	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	455	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	456	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	453	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	451	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	446	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	442	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	441	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	444	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	439	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	438	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	437	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	427	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	436	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2152	424	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	419	0.71	\$3,239.98
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	410	41.62	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	395	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2978	398	31.69	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	396	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3426	389	16.47	\$207.98*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3829	385	51.07	\$74.98
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8809	255	19.07	\$462.02
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11024	208	16.70	\$659.98
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	328	9.12	\$679.94*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	324	16.68	\$378.00*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	298	10.90	\$670.08*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	248	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11387	201	273.86	\$41.58*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11738	195	28.91	\$406.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	268	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	165	170.46	\$80.00
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	162	68.82	\$200.00
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	200	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	181	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	175	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15063	149	20.41	\$738.00*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	132	20.24	\$818.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	196	73.23	\$159.98*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	131	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	116	54.38	\$341.50
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	323	127.05	\$49.90
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	315	110.06	\$59.24*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8347	266	25.60	\$326.00
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8910	254	19.37	\$459.98
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8228	271	72.81	\$113.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8969	249	32.24	\$278.22
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	231	12.57	\$798.00*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	209	17.18	\$639.98
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12337	182	379.37	\$32.52
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13382	172	193.10	\$69.30
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15206	147	21.12	\$720.00
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16458	133	19.64	\$837.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14313	158	17.67	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	179	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	153	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13595	170	71.85	\$189.22
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16002	139	137.40	\$116.46
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18493	117	29.92	\$618.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18702	115	14.96	\$1,250.00
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	206	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	163	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	148	10.10	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	296	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15900	142	30.44	\$522.34*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16408	135	6.33	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16656	130	7.67	\$2,170.56
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14657	152	66.85	\$219.24
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14464	155	53.27	\$271.54
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19864	105	8.36	\$2,377.48*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20786	98	10.38	\$2,001.72
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13666	164	3.07	\$4,452.00*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20992	93	80.74	\$259.98
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21063	91	22.89	\$920.00
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	85	6.59	\$3,269.96
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	185	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	14156	160	4.79	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	120	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	14948	150	74.75	\$199.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19036	112	118.99	\$159.98
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20302	101	29.17	\$696.00
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20576	100	8.57	\$2,399.98
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	156	91.04	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14506	154	48.67	\$298.04*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	94	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13634	166	4.66	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	113	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	109	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16327	136	116.70	\$139.90
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17809	121	47.11	\$378.00
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22577	77	22.18	\$1,018.00
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23128	74	7.71	\$2,999.98
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	73	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17131	126	149.43	\$114.64
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	55	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 E5-2667 @ 2.90GHz	16940	127	132.59	\$127.76
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22496	78	14.73	\$1,527.12*
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22754	76	27.41	\$830.00*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23624	64	5.16	\$4,575.98*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18172	119	59.89	\$303.40
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20797	97	65.40	\$318.00
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	81	14.48	\$1,544.64
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	68	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	72	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	27	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	103	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	86	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	26	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18187	118	53.49	\$339.98
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21436	87	45.61	\$469.98
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24485	59	17.26	\$1,418.68*
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	69	6.26	\$3,733.90*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	128	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21159	90	5.33	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	54	6.31	\$3,959.98
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	82	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	44	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	35	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20889	95	25.17	\$830.00*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23305	71	22.85	\$1,019.98
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24146	61	4.01	\$6,017.90*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	45	6.07	\$4,393.98
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	104	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	49	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19542	107	57.82	\$338.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23507	66	28.74	\$818.00
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25645	51	8.51	\$3,011.90*
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27291	43	6.29	\$4,339.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20858	96	25.50	\$818.00
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	56	6.18	\$4,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	52	4.87	\$5,264.02
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23483	67	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	25	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31807	20	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23339	70	25.37	\$920.00
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27485	41	22.53	\$1,219.98
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30631	24	5.52	\$5,551.98
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	37	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29637	29	4.33	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	18	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	62	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26333	46	2.92	\$9,011.90*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	13	3.84	\$8,866.86*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	99	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 E5-4627 v2 @ 3.30GHz	19491	108	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	143	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	111	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	106	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18712	114	97.98	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	151	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	213	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	79	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	42	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	187	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	145	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	80	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	189	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	16047	137	42.45	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	230	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	421	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	384	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3566	386	36.39	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4167	378	53.77	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	361	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4563	369	128.39	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5122	357	64.04	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5157	356	43.70	\$118.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6010	332	50.93	\$118.00*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6350	321	12.21	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6849	312	49.63	\$138.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7159	301	188.89	\$37.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7513	293	69.56	\$108.00*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7107	303	130.16	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7823	283	130.21	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	416	12.93	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	405	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4890	365	34.95	\$139.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5006	360	165.00	\$30.34*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	348	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7425	295	74.41	\$99.78
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	288	183.52	\$41.98*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	281	66.51	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	380	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5532	346	12.63	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5969	334	13.63	\$438.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8061	276	60.61	\$133.00
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8290	269	94.33	\$87.88
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8714	257	73.24	\$118.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10314	221	47.76	\$215.96
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10327	220	44.90	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	347	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	350	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	84	8.41	\$2,618.10*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	60	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	89	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22049	83	8.04	\$2,741.96*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	26277	47	8.42	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17499	123	6.89	\$2,539.98
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27819	39	7.30	\$3,810.06
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22869	75	6.22	\$3,675.98*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	24660	58	6.32	\$3,899.98
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	40	6.13	\$4,488.98*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25308	53	5.55	\$4,558.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29652	28	5.67	\$5,225.98*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	38	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	33989	14	6.34	\$5,359.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	33297	17	6.82	\$4,879.98
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	34	4.70	\$6,139.98
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28594	36	4.89	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29158	31	3.85	\$7,565.76
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36813	6	6.27	\$5,870.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	21	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33530	16	4.41	\$7,599.98
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36932	5	4.81	\$7,679.56*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	372	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	376	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	363	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	344	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	329	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	318	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	331	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	362	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	309	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	308	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	279	206.10	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	307	53.89	\$130.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	251	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	239	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9666	238	161.26	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	447	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	449	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	443	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	429	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	7	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	35823	9	2.32	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	30	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	3	3.33	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	10	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 8175M @ 2.50GHz	36068	8	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	4	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	140	17.75	\$899.98
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16434	134	16.23	\$1,012.76
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	169	13.28	\$1,025.18
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19237	110	12.52	\$1,535.98
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21018	92	12.03	\$1,746.94
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10079	228	47.08	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	219	41.39	\$250.00*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	223	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	367	17.08	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	368	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	364	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5764	338	70.29	\$82.00*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6211	326	31.21	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7448	294	62.11	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7834	282	39.26	\$199.56*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	273	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	285	17.28	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8199	272	41.00	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8682	258	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8934	253	258.66	\$34.54*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	246	93.92	\$96.72
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9533	242	53.56	\$178.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	234	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11304	204	261.30	\$43.26
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11629	197	53.84	\$215.98
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10302	222	65.20	\$158.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12276	184	153.45	\$80.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	229	188.81	\$53.36
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12522	178	47.24	\$265.10
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11305	203	53.83	\$210.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	168	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13551	171	90.34	\$150.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11940	192	54.77	\$218.00*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13772	161	36.44	\$377.98
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	263	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 X7350 @ 2.93GHz	6594	314	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	256	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	233	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11794	194	268.05	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	377	59.59	\$70.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	359	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	375	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	374	199.09	\$21.98*
[Dual CPU] Quad-Core AMD Opteron 8378	5382	349	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	311	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	341	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	333	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	267	NA	NA
[Quad CPU] AMD Opteron 6136	9767	235	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	261	21.70	\$396.00
[Quad CPU] AMD Opteron 6272	12292	183	4.66	\$2,635.56
[Quad CPU] AMD Opteron 6274	10488	215	57.01	\$183.96
[Quad CPU] AMD Opteron 6276	15342	146	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	188	9.75	\$1,236.00
[Quad CPU] AMD Opteron 6282 SE	11044	207	21.24	\$519.96*
[Quad CPU] AMD Opteron 6376	13257	173	50.99	\$260.00
[Quad CPU] AMD Opteron 6380	12442	180	32.07	\$387.96
[Quad CPU] AMD Opteron 8360 SE	6490	317	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	330	NA	NA
[Quad CPU] AMD Opteron 8382	8553	262	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	297	NA	NA
[Quad CPU] AMD Opteron 8431	8252	270	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	304	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	252	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	430	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	390	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	129	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	141	28.44	\$559.96
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	167	20.04	\$680.00*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	57	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	88	55.95	\$381.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	48	1.81	\$14,464.00*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	23	1.63	\$18,908.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	102	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	138	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	12	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	19	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	125	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	124	131.38	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14316	157	18.94	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	177	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	144	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	306	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	286	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	225	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	240	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	247	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	50	5.15	\$5,079.96
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	11	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	2	2.68	\$15,199.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	236	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	1	1.10	\$40,060.00*
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	241	66.28	\$143.96*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	11953	191	4.22	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	260	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	198	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	13145	174	149.38	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	300	163.10	\$43.96*

* - Last price seen from our affiliates.

[\[Home\]](#) - [\[Common CPUs\]](#) - [\[Overclocked CPUs\]](#) - [\[Searchable CPU List\]](#) - [\[Graph Notes\]](#)
[\[High-End CPUs\]](#) - [\[High Mid-Range CPUs\]](#) - [\[Low Mid-Range CPUs\]](#) - [\[Low-End CPUs\]](#)
[\[CPU Popularity 90 days\]](#) - [\[Multi CPU Systems\]](#) - [\[Laptop CPUs\]](#) - [\[Desktop CPUs\]](#)
[\[CPU Mega Page - Detailed CPU List\]](#) - [\[Single Thread CPU Performance\]](#)
[\[CPU Mark by Socket Type\]](#) - [\[Manufacturer Market Share\]](#)

Copyright © 2019 PassMark® Software
[International](#) | [Legal disclaimer](#) | [Policies](#) | [Contact Us](#)