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# CPU Benchmarks

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## CPU List

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



## 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	2731	NA	NA
AMD A4 Micro-6400T APU	1544	1923	NA	NA
AMD A4 PRO-3340B	2402	1529	NA	NA
AMD A4 PRO-7300B APU	2335	1552	NA	NA
AMD A4 PRO-7350B	2227	1605	NA	NA
AMD A4-1200 APU	632	2411	NA	NA
AMD A4-1250 APU	619	2418	NA	NA
AMD A4-3300 APU	1500	1946	115.50	\$12.99
AMD A4-3300M APU	1185	2111	39.53	\$29.99*
AMD A4-3305M APU	1223	2089	39.70	\$30.81
AMD A4-3310MX APU	1287	2051	NA	NA
AMD A4-3320M APU	1253	2073	34.93	\$35.90
AMD A4-3330MX APU	1212	2094	NA	NA
AMD A4-3400 APU	1592	1909	18.11	\$87.95
AMD A4-3420 APU	1664	1866	NA	NA
AMD A4-4000 APU	1831	1781	16.66	\$109.95
AMD A4-4020 APU	1921	1729	20.89	\$92.00
AMD A4-4300M APU	1612	1896	40.44	\$39.86
AMD A4-4355M APU	1177	2113	NA	NA
AMD A4-5000 APU	1914	1734	NA	NA
AMD A4-5050 APU	2113	1646	NA	NA
AMD A4-5100 APU	2037	1677	NA	NA
AMD A4-5150M APU	1864	1763	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5300 APU	2011	1689	20.64	\$97.43
AMD A4-5300B APU	2142	1631	56.38	\$38.00*
AMD A4-6210 APU	2168	1624	NA	NA
AMD A4-6250J APU	2556	1471	NA	NA
AMD A4-6300 APU	2221	1607	37.03	\$59.99*
AMD A4-6300B APU	2129	1638	21.30	\$100.00*
AMD A4-6320 APU	2329	1553	33.29	\$69.99*
AMD A4-7210 APU	2523	1485	NA	NA
AMD A4-7300 APU	2307	1563	19.39	\$119.00
AMD A4-9120	1951	1715	NA	NA
AMD A4-9125	1939	1720	NA	NA
AMD A6 Micro-6500T APU	1834	1778	NA	NA
AMD A6 PRO-7050B APU	1616	1894	NA	NA
AMD A6 PRO-7400B	2608	1452	NA	NA
AMD A6-1450 APU	1536	1928	NA	NA
AMD A6-3400M APU	1883	1755	62.84	\$29.97*
AMD A6-3410MX APU	2057	1673	515.55	\$3.99*
AMD A6-3420M APU	1999	1692	NA	NA
AMD A6-3430MX APU	2200	1614	NA	NA
AMD A6-3500 APU	2012	1688	50.32	\$39.99*
AMD A6-3600 APU	2701	1426	117.50	\$22.99*
AMD A6-3620 APU	2797	1394	46.64	\$59.99*
AMD A6-3650 APU	3148	1278	98.41	\$31.99*
AMD A6-3670 APU	3169	1266	5.20	\$610.00*
AMD A6-4400M APU	1641	1879	205.41	\$7.99*
AMD A6-4455M APU	1286	2053	NA	NA
AMD A6-5200 APU	2432	1517	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	1956	NA	NA
AMD A6-5350M APU	1902	1740	44.13	\$43.12
AMD A6-5357M APU	1941	1719	NA	NA
AMD A6-5400B APU	2238	1600	21.31	\$105.04*
AMD A6-5400K APU	2157	1627	34.80	\$62.02
AMD A6-6310 APU	2453	1510	NA	NA
AMD A6-6400B APU	2281	1575	NA	NA
AMD A6-6400K APU	2308	1562	11.04	\$208.99*
AMD A6-6420B APU	2612	1449	NA	NA
AMD A6-6420K APU	2388	1535	15.92	\$149.99*
AMD A6-7000	1667	1864	NA	NA
AMD A6-7310 APU	2666	1437	NA	NA
AMD A6-7400K APU	2784	1399	43.72	\$63.68
AMD A6-7470K	2727	1419	11.22	\$243.00
AMD A6-7480	3159	1274	71.82	\$43.99
AMD A6-8500P	2202	1613	NA	NA
AMD A6-8550	3032	1313	NA	NA
AMD A6-9200	1738	1818	NA	NA
AMD A6-9210	1728	1822	NA	NA
AMD A6-9220	2172	1621	NA	NA
AMD A6-9220C	2071	1665	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-9220e	1607	1897	NA	NA
AMD A6-9225	2153	1629	NA	NA
AMD A6-9230	2102	1652	NA	NA
AMD A6-9500	3053	1307	66.34	\$46.03
AMD A6-9500E	2889	1369	40.34	\$71.62
AMD A8 PRO-7150B APU	2650	1439	NA	NA
AMD A8 PRO-7600B APU	4740	906	NA	NA
AMD A8-3500M APU	1972	1704	28.20	\$69.95
AMD A8-3510MX APU	2387	1537	NA	NA
AMD A8-3520M APU	2171	1622	NA	NA
AMD A8-3530MX APU	2365	1546	NA	NA
AMD A8-3550MX APU	2610	1450	NA	NA
AMD A8-3800 APU	3014	1317	52.89	\$56.99*
AMD A8-3820 APU	3104	1288	24.84	\$124.99*
AMD A8-3850 APU	3461	1183	32.76	\$105.68*
AMD A8-3870K APU	3539	1162	23.65	\$149.67*
AMD A8-4500M APU	2666	1436	NA	NA
AMD A8-4555M APU	2121	1642	NA	NA
AMD A8-5500 APU	3996	1050	70.74	\$56.50*
AMD A8-5500B APU	3997	1049	NA	NA
AMD A8-5545M APU	2592	1457	NA	NA
AMD A8-5550M APU	3009	1319	NA	NA
AMD A8-5557M APU	2965	1336	NA	NA
AMD A8-5600K APU	4341	987	18.94	\$229.30
AMD A8-6410 APU	2572	1466	NA	NA
AMD A8-6500 APU	4397	974	46.30	\$94.99*
AMD A8-6500B APU	4612	929	NA	NA
AMD A8-6500T APU	3221	1248	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-6600K APU	4588	936	47.31	\$96.99*
AMD A8-7050	1986	1699	NA	NA
AMD A8-7100 APU	2807	1392	NA	NA
AMD A8-7200P	3319	1219	NA	NA
AMD A8-7410 APU	2741	1413	NA	NA
AMD A8-7600 APU	5067	839	17.72	\$285.99
AMD A8-7650K	4924	873	19.39	\$254.00
AMD A8-7670K	5082	833	31.55	\$161.10*
AMD A8-7680	5270	805	87.86	\$59.99*
AMD A8-8600P	3248	1240	NA	NA
AMD A8-8650	5470	773	NA	NA
AMD A8-9600	4982	860	73.29	\$67.99
AMD A9-9400	2328	1554	NA	NA
AMD A9-9410	2553	1474	NA	NA
AMD A9-9420	2341	1551	NA	NA
AMD A9-9420e	1904	1739	NA	NA
AMD A9-9425	2535	1481	NA	NA
AMD A9-9430	2524	1484	NA	NA
AMD A10 Micro-6700T APU	1970	1705	NA	NA
AMD A10 PRO-7350B APU	3171	1264	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10 PRO-7800B APU	4934	869	NA	NA
AMD A10 PRO-7850B APU	5380	789	NA	NA
AMD A10-4600M APU	3113	1287	NA	NA
AMD A10-4655M APU	2609	1451	NA	NA
AMD A10-4657M APU	2906	1361	NA	NA
AMD A10-5700 APU	4212	1012	65.31	\$64.50*
AMD A10-5745M APU	2763	1407	NA	NA
AMD A10-5750M APU	3344	1216	NA	NA
AMD A10-5757M APU	3084	1294	NA	NA
AMD A10-5800B APU	4568	938	NA	NA
AMD A10-5800K APU	4637	921	7.60	\$610.00*
AMD A10-6700 APU	4606	931	39.37	\$116.99*
AMD A10-6700T APU	3693	1127	25.02	\$147.61*
AMD A10-6790K APU	4685	913	49.32	\$94.99*
AMD A10-6800B APU	4806	892	NA	NA
AMD A10-6800K APU	4861	884	16.95	\$286.85*
AMD A10-7300 APU	2906	1359	NA	NA
AMD A10-7400P	3607	1142	NA	NA
AMD A10-7700K APU	5119	826	14.77	\$346.70*
AMD A10-7800 APU	4978	861	48.15	\$103.39*
AMD A10-7850K APU	5470	772	28.79	\$190.00
AMD A10-7860K	5068	837	28.96	\$175.00*
AMD A10-7870K	5467	775	24.09	\$226.99*
AMD A10-7890K	5701	742	28.51	\$199.99*
AMD A10-8700P	3448	1186	NA	NA
AMD A10-8750	5064	841	NA	NA
AMD A10-8850	5598	757	NA	NA
AMD A10-9600P	3777	1102	NA	NA
AMD A10-9620P	3668	1131	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9630P	4497	956	NA	NA
AMD A10-9700	5381	788	66.91	\$80.43
AMD A10-9700E	4747	904	39.49	\$120.24*
AMD A12-9700P	3728	1117	NA	NA
AMD A12-9720P	3995	1051	NA	NA
AMD A12-9730P	4417	972	NA	NA
AMD A12-9800	5521	766	37.25	\$148.24*
AMD A12-9800E	5083	831	39.11	\$129.99
AMD Athlon64 X2 Dual Core 4600+	1108	2154	NA	NA
AMD Athlon 4	279	2751	11.68	\$23.95
AMD Athlon 64 2000+	116	2885	NA	NA
AMD Athlon 64 2200+	575	2443	NA	NA
AMD Athlon 64 2600+	374	2625	NA	NA
AMD Athlon 64 2800+	438	2554	4.38	\$99.99*
AMD Athlon 64 3000+	464	2523	5.80	\$79.99
AMD Athlon 64 3200+	493	2492	3.29	\$149.95*
AMD Athlon 64 3300+	576	2442	NA	NA
AMD Athlon 64 3400+	545	2454	NA	NA
AMD Athlon 64 3500+	540	2460	4.97	\$108.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 3600+	601	2427	NA	NA
AMD Athlon 64 3700+	598	2429	8.67	\$69.00*
AMD Athlon 64 3800+	589	2432	3.28	\$179.95*
AMD Athlon 64 4000+	608	2422	3.32	\$183.27*
AMD Athlon 64 FX-25	794	2337	NA	NA
AMD Athlon 64 FX-34	380	2617	NA	NA
AMD Athlon 64 FX-51	437	2555	NA	NA
AMD Athlon 64 FX-53	646	2403	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2367	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2363	NA	NA
AMD Athlon 64 FX-59	715	2370	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2056	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1913	NA	NA
AMD Athlon 64 FX-72	1794	1794	NA	NA
AMD Athlon 64 FX-74	1495	1951	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2250	NA	NA
AMD Athlon 64 X2 4200+	1285	2054	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2223	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2244	16.05	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	999	2217	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1043	2191	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	2159	6.87	\$159.95
AMD Athlon 64 X2 Dual Core 4400+	1146	2138	19.10	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1218	2091	3.39	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1253	2072	2.73	\$459.95*
AMD Athlon 64 X2 Dual Core 5000+	1313	2032	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	1997	9.87	\$139.95
AMD Athlon 64 X2 Dual Core 5400+	1448	1967	27.34	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1485	1954	9.91	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1516	1938	60.68	\$24.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core 6000+	1603	1900	34.89	\$45.95
AMD Athlon 64 X2 Dual Core 6400+	1791	1795	6.89	\$259.95*
AMD Athlon 64 X2 Dual Core BE-230	1095	2163	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2172	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2189	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2315	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2316	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2238	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2294	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2325	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2297	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	925	2270	NA	NA
AMD Athlon 64 X2 QL-60	922	2276	NA	NA
AMD Athlon 64 X2 QL-62	1005	2212	NA	NA
AMD Athlon 64 X2 QL-64	992	2226	NA	NA
AMD Athlon 64 X2 QL-65	1050	2187	NA	NA
AMD Athlon 64 X2 QL-66	947	2258	NA	NA
AMD Athlon 64 X2 QL-67	1006	2211	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 TK-55	955	2251	NA	NA
AMD Athlon 64 X2 TK-57	988	2229	NA	NA
AMD Athlon 200GE	4936	868	80.28	\$61.49
AMD Athlon 220GE	5252	808	79.27	\$66.26
AMD Athlon 240GE	5411	781	73.43	\$73.70
AMD Athlon 1500+	294	2724	NA	NA
AMD Athlon 1640B	670	2393	13.42	\$50.00*
AMD Athlon 2000+	390	2613	NA	NA
AMD Athlon 2100+	412	2576	NA	NA
AMD Athlon 2200+	363	2643	4.55	\$79.99*
AMD Athlon 2400+	462	2526	NA	NA
AMD Athlon 2500+	374	2623	2.04	\$183.99*
AMD Athlon 2600+	444	2545	4.23	\$104.95*
AMD Athlon 2650e	409	2580	21.56	\$19.00*
AMD Athlon 2800+	447	2542	3.20	\$139.95*
AMD Athlon 2850e	506	2485	NA	NA
AMD Athlon 3100+	485	2503	NA	NA
AMD Athlon 3200+	458	2530	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	2046	10.78	\$119.95
AMD Athlon 5150 APU	2106	1650	13.17	\$159.95
AMD Athlon 5200 Dual-Core	1266	2067	42.23	\$29.99*
AMD Athlon 5350 APU	2606	1453	13.72	\$190.00
AMD Athlon 5370 APU	2912	1353	45.73	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1968	NA	NA
AMD Athlon 7550 Dual-Core	1470	1958	24.52	\$60.00
AMD Athlon 7750 Dual-Core	1569	1915	8.97	\$174.93
AMD Athlon 7850 Dual-Core	1713	1832	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2734	NA	NA
AMD Athlon Dual Core 4050e	1086	2168	NA	NA
AMD Athlon Dual Core 4450B	1166	2124	37.63	\$31.00*
AMD Athlon Dual Core 4450e	1107	2156	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 4850B	1391	1990	NA	NA
AMD Athlon Dual Core 4850e	1313	2033	33.67	\$39.00*
AMD Athlon Dual Core 5000B	1304	2037	13.74	\$95.00*
AMD Athlon Dual Core 5050e	1343	2020	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1316	2031	NA	NA
AMD Athlon Dual Core 5400B	1420	1981	NA	NA
AMD Athlon Dual Core 5600B	1304	2038	NA	NA
AMD Athlon II 160u	560	2449	18.68	\$29.99*
AMD Athlon II 170u	627	2413	20.95	\$29.95*
AMD Athlon II Dual-Core M300	1112	2149	NA	NA
AMD Athlon II Dual-Core M320	1141	2140	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2185	NA	NA
AMD Athlon II N330 Dual-Core	1154	2131	NA	NA
AMD Athlon II N350 Dual-Core	1249	2078	NA	NA
AMD Athlon II N370 Dual-Core	1559	1918	NA	NA
AMD Athlon II Neo K125	473	2515	NA	NA
AMD Athlon II Neo K145	525	2468	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II Neo K325 Dual-Core	775	2343	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2306	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2336	NA	NA
AMD Athlon II P320 Dual-Core	1217	2092	40.65	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2077	27.83	\$44.95*
AMD Athlon II P360 Dual-Core	1318	2030	54.94	\$24.00*
AMD Athlon II X2 210e	1486	1953	NA	NA
AMD Athlon II X2 215	1568	1916	130.82	\$11.99*
AMD Athlon II X2 220	1632	1884	50.73	\$32.19
AMD Athlon II X2 225	1526	1930	NA	NA
AMD Athlon II X2 235e	1656	1872	9.11	\$181.88*
AMD Athlon II X2 240	1642	1877	47.00	\$34.95
AMD Athlon II X2 240e	1695	1848	48.52	\$34.95*
AMD Athlon II X2 245	1661	1870	47.54	\$34.95
AMD Athlon II X2 245e	1709	1837	21.37	\$80.00*
AMD Athlon II X2 250	1742	1815	44.73	\$38.95
AMD Athlon II X2 250e	1939	1721	25.28	\$76.73*
AMD Athlon II X2 250u	1000	2216	28.64	\$34.95
AMD Athlon II X2 255	1841	1774	28.24	\$65.22*
AMD Athlon II X2 260	1874	1757	93.76	\$19.99*
AMD Athlon II X2 260u	1107	2155	13.28	\$83.44*
AMD Athlon II X2 265	1890	1750	22.81	\$82.88*
AMD Athlon II X2 270	1978	1703	82.46	\$23.99*
AMD Athlon II X2 270u	1350	2014	19.96	\$67.67*
AMD Athlon II X2 280	2129	1637	21.30	\$99.99*
AMD Athlon II X2 4300e	1350	2013	NA	NA
AMD Athlon II X2 4400e	1632	1886	NA	NA
AMD Athlon II X2 4450e	1504	1944	NA	NA
AMD Athlon II X2 B22	1711	1833	41.05	\$41.69*
AMD Athlon II X2 B24	1777	1799	44.50	\$39.95
AMD Athlon II X2 B26	1904	1738	54.50	\$34.95
AMD Athlon II X2 B28	2085	1659	42.52	\$49.05*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 400e	2009	1690	18.70	\$107.43*
AMD Athlon II X3 405e	2000	1691	25.00	\$79.99*
AMD Athlon II X3 415e	2247	1594	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1572	19.68	\$116.15*
AMD Athlon II X3 425	2318	1558	85.90	\$26.99*
AMD Athlon II X3 425e	2239	1599	NA	NA
AMD Athlon II X3 435	2472	1506	82.44	\$29.99*
AMD Athlon II X3 440	2566	1468	95.10	\$26.99*
AMD Athlon II X3 445	2572	1467	28.26	\$91.00*
AMD Athlon II X3 450	2621	1447	68.98	\$38.01
AMD Athlon II X3 455	2767	1403	70.98	\$38.99*
AMD Athlon II X3 460	2863	1373	73.45	\$38.99*
AMD Athlon II X4 553	3814	1093	NA	NA
AMD Athlon II X4 555	3830	1088	NA	NA
AMD Athlon II X4 559	4135	1027	NA	NA
AMD Athlon II X4 600e	2453	1511	18.84	\$130.23*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 605e	2738	1416	26.90	\$101.80*
AMD Athlon II X4 610e	2790	1396	39.87	\$69.99*
AMD Athlon II X4 615e	2901	1365	49.17	\$59.00*
AMD Athlon II X4 620	2929	1349	41.86	\$69.99*
AMD Athlon II X4 620e	2906	1362	NA	NA
AMD Athlon II X4 630	3132	1280	49.76	\$62.95
AMD Athlon II X4 631 Quad-Core	3152	1276	39.41	\$80.00*
AMD Athlon II X4 635	3235	1243	46.25	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1253	120.73	\$26.49*
AMD Athlon II X4 640	3314	1222	41.45	\$79.95
AMD Athlon II X4 641 Quad-Core	3345	1214	36.56	\$91.50*
AMD Athlon II X4 645	3469	1180	43.40	\$79.95
AMD Athlon II X4 650	3482	1178	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	1152	20.09	\$178.04*
AMD Athlon II X4 655	2998	1325	NA	NA
AMD Athlon II X4 6400e	2594	1455	NA	NA
AMD Athlon L110	303	2704	NA	NA
AMD Athlon LE-1600	557	2450	26.57	\$21.00*
AMD Athlon LE-1620	578	2440	32.12	\$18.00*
AMD Athlon LE-1640	627	2414	NA	NA
AMD Athlon LE-1660	679	2390	NA	NA
AMD Athlon MP	230	2805	4.20	\$54.95*
AMD Athlon MP 1700+	339	2666	NA	NA
AMD Athlon MP 2400+	436	2556	NA	NA
AMD Athlon MP 2800+	497	2490	NA	NA
AMD Athlon Neo MV-40	410	2578	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2214	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2342	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2320	NA	NA
AMD Athlon PRO 200GE	5204	814	NA	NA
AMD Athlon QI-46	473	2514	NA	NA
AMD Athlon TF-20	413	2575	NA	NA
AMD Athlon TF-36	395	2603	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 215	1543	1924	NA	NA
AMD Athlon X2 235e	1806	1789	NA	NA
AMD Athlon X2 240	1602	1901	NA	NA
AMD Athlon X2 240e	1670	1861	NA	NA
AMD Athlon X2 250	1696	1847	NA	NA
AMD Athlon X2 255	1627	1890	NA	NA
AMD Athlon X2 280	2303	1565	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1910	1737	38.22	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1592	NA	NA
AMD Athlon X2 440	1424	1978	NA	NA
AMD Athlon X2 Dual Core 3250e	783	2341	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2218	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2277	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2152	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2093	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 Dual Core BE-2450	1251	2074	NA	NA
AMD Athlon X2 Dual Core L310	644	2405	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2209	NA	NA
AMD Athlon X3 425	2191	1617	NA	NA
AMD Athlon X3 435	2574	1464	26.96	\$95.49*
AMD Athlon X3 440	2078	1662	23.62	\$87.99*
AMD Athlon X3 445	2314	1560	NA	NA
AMD Athlon X3 450	3064	1303	38.80	\$78.99*
AMD Athlon X3 455	2401	1530	NA	NA
AMD Athlon X4 605e	2505	1494	NA	NA
AMD Athlon X4 620	2861	1374	47.74	\$59.95
AMD Athlon X4 635	2891	1368	23.71	\$121.99*
AMD Athlon X4 640	3172	1263	NA	NA
AMD Athlon X4 740 Quad Core	4017	1044	14.51	\$277.00*
AMD Athlon X4 750 Quad Core	4551	941	NA	NA
AMD Athlon X4 750K Quad Core	4254	1003	55.26	\$76.99*
AMD Athlon X4 760K Quad Core	4593	934	109.41	\$41.98*
AMD Athlon X4 830	4701	910	NA	NA
AMD Athlon X4 840	5046	846	64.09	\$78.74*
AMD Athlon X4 845	5399	785	101.63	\$53.13*
AMD Athlon X4 860K	5416	780	40.14	\$134.95
AMD Athlon X4 870K	5304	803	66.32	\$79.99*
AMD Athlon X4 880K	5547	761	55.49	\$99.99*
AMD Athlon X4 950	5249	809	71.52	\$73.40
AMD Athlon XP1600+	281	2746	NA	NA
AMD Athlon XP1900+	353	2652	NA	NA
AMD Athlon XP2100+	287	2736	NA	NA
AMD Athlon XP2200+	401	2594	NA	NA
AMD Athlon XP2400+	374	2624	NA	NA
AMD Athlon XP 1500	282	2745	NA	NA
AMD Athlon XP 1500+	257	2776	NA	NA
AMD Athlon XP 1600+	267	2766	NA	NA
AMD Athlon XP 1700	344	2662	NA	NA
AMD Athlon XP 1700+	271	2762	4.43	\$61.25*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 1800+	300	2711	5.10	\$58.95*
AMD Athlon XP 1900+	312	2695	NA	NA
AMD Athlon XP 2000+	299	2712	12.00	\$24.99*
AMD Athlon XP 2100+	323	2678	NA	NA
AMD Athlon XP 2200+	328	2677	3.87	\$84.95*
AMD Athlon XP 2300+	464	2522	NA	NA
AMD Athlon XP 2400+	360	2645	4.01	\$89.99*
AMD Athlon XP 2500+	355	2649	NA	NA
AMD Athlon XP 2600+	372	2629	16.18	\$23.03*
AMD Athlon XP 2700+	393	2606	4.64	\$84.79*
AMD Athlon XP 2800+	400	2596	NA	NA
AMD Athlon XP 2900+	424	2570	NA	NA
AMD Athlon XP 3000+	402	2592	5.06	\$79.70*
AMD Athlon XP 3100+	433	2560	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 3200+	431	2562	NA	NA
AMD Athlon XP 3400+	570	2446	NA	NA
AMD Athlon XP Pro3+	367	2637	NA	NA
AMD Athlon XP-M	541	2459	15.48	\$34.95*
AMD C-30	310	2697	NA	NA
AMD C-50	462	2525	NA	NA
AMD C-60	466	2519	NA	NA
AMD C-60 APU	543	2456	NA	NA
AMD C-70 APU	556	2451	NA	NA
AMD E1 Micro-6200T APU	960	2247	NA	NA
AMD E1-1200 APU	655	2401	NA	NA
AMD E1-1500 APU	688	2384	NA	NA
AMD E1-2100 APU	642	2408	NA	NA
AMD E1-2200 APU	767	2345	NA	NA
AMD E1-2500 APU	889	2293	NA	NA
AMD E1-6010 APU	864	2300	NA	NA
AMD E1-6015 APU	900	2289	NA	NA
AMD E1-7010 APU	1002	2215	NA	NA
AMD E2-1800 APU	816	2324	NA	NA
AMD E2-2000 APU	825	2321	NA	NA
AMD E2-3000 APU	1105	2158	NA	NA
AMD E2-3000M APU	1096	2161	54.84	\$20.00*
AMD E2-3200 APU	1386	1993	173.59	\$7.99*
AMD E2-3800 APU	1643	1876	NA	NA
AMD E2-6110 APU	1915	1733	NA	NA
AMD E2-7110 APU	2287	1571	NA	NA
AMD E2-9000	1641	1880	NA	NA
AMD E2-9000e	1344	2018	NA	NA
AMD E2-9010	1705	1839	NA	NA
AMD E2-9030	1515	1939	NA	NA
AMD E-240	319	2684	NA	NA
AMD E-300 APU	609	2421	NA	NA
AMD E-350	746	2358	NA	NA
AMD E-350 APU	757	2352	NA	NA
AMD E-350D APU	726	2365	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E-450 APU	766	2346	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1805	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1656	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2508	1492	NA	NA
AMD Embedded R-Series RX-216GD	2409	1526	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	836	NA	NA
AMD Embedded R-Series RX-421BD	4635	923	NA	NA
AMD EPYC 3201	9634	359	NA	NA
AMD EPYC 7251 8-Core	11811	242	23.07	\$512.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 7301	14978	151	17.31	\$865.24
AMD EPYC 7351	18081	87	14.80	\$1,221.99
AMD EPYC 7351P	14887	153	18.22	\$817.06
AMD EPYC 7371	22071	35	NA	NA
AMD EPYC 7401P	19555	70	18.19	\$1,075.00
AMD EPYC 7501	18942	77	5.32	\$3,559.56
AMD EPYC 7551	18483	82	5.19	\$3,559.56
AMD EPYC 7551P	18406	83	8.09	\$2,274.13
AMD FirePro A320 APU	4540	947	NA	NA
AMD FX-670K Quad-Core	4550	942	NA	NA
AMD FX-770K Quad-Core	4803	895	NA	NA
AMD FX-870K Quad Core	5021	852	NA	NA
AMD FX-4100 Quad-Core	4071	1037	26.53	\$153.45*
AMD FX-4130 Quad-Core	4163	1021	54.79	\$75.99*
AMD FX-4150 Quad-Core	4594	933	NA	NA
AMD FX-4170 Quad-Core	4864	882	48.65	\$99.99*
AMD FX-4200 Quad-Core	4235	1006	18.56	\$228.21*
AMD FX-4300 Quad-Core	4693	912	58.71	\$79.95
AMD FX-4320	5014	855	NA	NA
AMD FX-4330	5321	802	NA	NA
AMD FX-4350 Quad-Core	5340	797	107.33	\$49.76
AMD FX-6100 Six-Core	5389	787	21.30	\$253.00
AMD FX-6120 Six-Core	5733	739	NA	NA
AMD FX-6130 Six-Core	6215	688	NA	NA
AMD FX-6200 Six-Core	6118	700	18.00	\$339.95
AMD FX-6300 Six-Core	6387	672	79.87	\$79.98
AMD FX-6330 Six-Core	6916	620	NA	NA
AMD FX-6350 Six-Core	7002	609	140.72	\$49.76
AMD FX-7500 APU	3212	1250	NA	NA
AMD FX-7600P	4049	1039	NA	NA
AMD FX-7600P APU	4627	925	NA	NA
AMD FX-8100 Eight-Core	6008	710	42.31	\$142.00*
AMD FX-8120 Eight-Core	6600	653	29.64	\$222.73*
AMD FX-8140 Eight-Core	6133	696	NA	NA
AMD FX-8150 Eight-Core	7632	550	76.36	\$99.95
AMD FX-8300 Eight-Core	7719	541	48.27	\$159.93
AMD FX-8310 Eight-Core	7723	539	NA	NA
AMD FX-8320 Eight-Core	8015	510	53.80	\$149.00
AMD FX-8320E Eight-Core	7550	556	76.28	\$98.99
AMD FX-8350 Eight-Core	8951	427	162.78	\$54.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8370 Eight-Core	9038	414	43.89	\$205.95
AMD FX-8370E Eight-Core	7808	530	24.39	\$320.09
AMD FX-8800P	4147	1025	NA	NA
AMD FX-9370 Eight-Core	9443	379	16.14	\$585.00
AMD FX-9590 Eight-Core	10191	304	68.35	\$149.10
AMD FX-9800P	3961	1061	NA	NA
AMD FX-9830P	4772	900	NA	NA
AMD FX-B4150 Quad-Core	4611	930	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T40E	467	2518	NA	NA
AMD G-T40N	516	2477	NA	NA
AMD G-T40R	203	2832	NA	NA
AMD G-T44R	229	2806	NA	NA
AMD G-T48E	667	2395	NA	NA
AMD G-T52R	308	2699	NA	NA
AMD G-T56E	751	2354	NA	NA
AMD G-T56N	794	2338	NA	NA
AMD Geode NX	264	2769	NA	NA
AMD Geode NX 1750	291	2725	NA	NA
AMD GX-210JA SOC	401	2595	NA	NA
AMD GX-212JC SOC	744	2359	NA	NA
AMD GX-217GA SOC	1107	2157	NA	NA
AMD GX-218GL SOC	1115	2147	NA	NA
AMD GX-222GC SOC	1255	2071	NA	NA
AMD GX-412HC	1497	1950	NA	NA
AMD GX-415GA SOC	1944	1718	NA	NA
AMD GX-420CA SOC	2412	1524	NA	NA
AMD GX-424CC SOC	2491	1499	NA	NA
AMD K7	403	2589	NA	NA
AMD Opteron 140	396	2601	0.56	\$710.00*
AMD Opteron 142	428	2566	NA	NA
AMD Opteron 144	486	2500	7.48	\$65.00*
AMD Opteron 146	532	2464	8.87	\$59.99*
AMD Opteron 148	603	2426	NA	NA
AMD Opteron 150	604	2424	NA	NA
AMD Opteron 152	658	2397	NA	NA
AMD Opteron 154	703	2379	NA	NA
AMD Opteron 165	899	2290	1.47	\$610.00*
AMD Opteron 170	1097	2160	NA	NA
AMD Opteron 175	1167	2122	NA	NA
AMD Opteron 180	1233	2084	9.49	\$129.95*
AMD Opteron 185	1342	2021	NA	NA
AMD Opteron 246	632	2412	31.62	\$19.99*
AMD Opteron 248	476	2512	4.77	\$99.95
AMD Opteron 250	649	2402	59.01	\$11.00*
AMD Opteron 252	760	2350	12.00	\$63.36*
AMD Opteron 254	693	2383	NA	NA
AMD Opteron 256	963	2242	50.72	\$19.00*
AMD Opteron 265	963	2243	13.20	\$73.00
AMD Opteron 270	1170	2120	1.93	\$607.47*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 275	1291	2047	19.87	\$64.99
AMD Opteron 280	1176	2114	1.48	\$796.67*
AMD Opteron 285	1470	1959	NA	NA
AMD Opteron 290	1464	1961	10.85	\$135.00*
AMD Opteron 1210	923	2272	NA	NA
AMD Opteron 1210 HE	971	2237	NA	NA
AMD Opteron 1212	1009	2210	3.48	\$290.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1212 HE	1308	2035	NA	NA
AMD Opteron 1214	1191	2107	4.11	\$290.00*
AMD Opteron 1214 HE	1299	2040	NA	NA
AMD Opteron 1216	1311	2034	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2118	NA	NA
AMD Opteron 1218	1468	1960	NA	NA
AMD Opteron 1218 HE	1444	1969	NA	NA
AMD Opteron 1220	1653	1874	NA	NA
AMD Opteron 1222	1757	1807	NA	NA
AMD Opteron 1352	2316	1559	17.04	\$135.99*
AMD Opteron 1354	2630	1445	19.49	\$135.00*
AMD Opteron 1356	2765	1405	30.73	\$89.99*
AMD Opteron 1381	3065	1302	NA	NA
AMD Opteron 2212	1270	2063	63.53	\$20.00*
AMD Opteron 2214	1358	2011	46.85	\$29.00*
AMD Opteron 2214 HE	1415	1983	NA	NA
AMD Opteron 2216	1518	1937	58.84	\$25.80
AMD Opteron 2218	1594	1907	11.19	\$142.45*
AMD Opteron 2220	1701	1843	2.24	\$758.84*
AMD Opteron 2220 SE	1398	1988	55.92	\$25.00*
AMD Opteron 2222	1843	1771	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1731	NA	NA
AMD Opteron 2350	2820	1386	10.45	\$269.99*
AMD Opteron 2356	2814	1389	54.12	\$52.00*
AMD Opteron 2373 EE	2789	1397	NA	NA
AMD Opteron 2374 HE	2951	1338	15.53	\$189.99*
AMD Opteron 2376	2283	1573	13.69	\$166.81*
AMD Opteron 2378	3179	1259	17.76	\$179.00*
AMD Opteron 2380	2640	1442	58.69	\$45.00
AMD Opteron 2384	3538	1163	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1164	NA	NA
AMD Opteron 2393 SE	2246	1595	NA	NA
AMD Opteron 2427	3069	1300	31.00	\$99.00
AMD Opteron 2431	4516	952	112.91	\$40.00
AMD Opteron 2435	4708	909	24.91	\$189.00
AMD Opteron 3250 HE	2942	1342	29.73	\$99.00*
AMD Opteron 3260 HE	3259	1234	NA	NA
AMD Opteron 3280	5403	784	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1433	NA	NA
AMD Opteron 3350 HE	4009	1046	NA	NA
AMD Opteron 3365	5963	713	NA	NA
AMD Opteron 3380	6384	673	7.89	\$809.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4122	2942	1343	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1268	NA	NA
AMD Opteron 4170 HE	3664	1132	62.11	\$59.00*
AMD Opteron 4184	4418	971	8.50	\$519.95*
AMD Opteron 4280	6430	664	128.60	\$50.00
AMD Opteron 4284	6660	647	111.03	\$59.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4332 HE	5614	755	NA	NA
AMD Opteron 4334	6099	702	28.18	\$216.42*
AMD Opteron 4365 EE	5025	851	NA	NA
AMD Opteron 4386	6761	635	48.30	\$139.99*
AMD Opteron 6128	4505	953	225.37	\$19.99
AMD Opteron 6134	2938	1344	66.81	\$43.99
AMD Opteron 6136	4631	924	42.10	\$110.00*
AMD Opteron 6164 HE	5351	795	NA	NA
AMD Opteron 6172	5261	806	26.57	\$198.00
AMD Opteron 6174	6171	692	62.34	\$99.00
AMD Opteron 6176 SE	5465	776	34.37	\$159.00*
AMD Opteron 6212	5776	734	192.62	\$29.99*
AMD Opteron 6220	6785	632	113.11	\$59.99*
AMD Opteron 6234	5938	717	198.27	\$29.95*
AMD Opteron 6238	7673	547	21.32	\$359.89*
AMD Opteron 6272	6748	637	21.77	\$309.95
AMD Opteron 6274	4865	881	105.80	\$45.99
AMD Opteron 6276	8889	433	52.60	\$169.00
AMD Opteron 6282 SE	9116	403	70.13	\$129.99*
AMD Opteron 6287 SE	9789	345	NA	NA
AMD Opteron 6328	7813	529	21.76	\$359.00
AMD Opteron 6366 HE	7503	560	250.19	\$29.99*
AMD Opteron 6376	9212	397	141.72	\$65.00
AMD Opteron 6378	9094	407	22.79	\$399.00
AMD Opteron 6380	10081	315	170.88	\$59.00
AMD Opteron 6386 SE	10912	268	72.75	\$149.99*
AMD Opteron 8354	2255	1591	93.98	\$24.00
AMD Opteron 8439 SE	3813	1094	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1304	NA	NA
AMD Opteron X3216 APU	2366	1545	NA	NA
AMD Opteron X3418 APU	4659	916	NA	NA
AMD Opteron X3421 APU	4928	872	NA	NA
AMD Phenom 2 X4 12000	3005	1323	NA	NA
AMD Phenom 7950 Quad-Core	2991	1326	NA	NA
AMD Phenom 8250 Triple-Core	1668	1863	NA	NA
AMD Phenom 8250e Triple-Core	1635	1883	34.81	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1885	NA	NA
AMD Phenom 8450 Triple-Core	1889	1753	63.09	\$29.95*
AMD Phenom 8450e Triple-Core	2026	1681	NA	NA
AMD Phenom 8600 Triple-Core	1673	1860	31.57	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1728	36.33	\$52.99*
AMD Phenom 8650 Triple-Core	1989	1697	39.80	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1672	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8750B Triple-Core	2034	1678	NA	NA
AMD Phenom 8850 Triple-Core	1968	1707	NA	NA
AMD Phenom 8850B Triple-Core	2080	1661	NA	NA
AMD Phenom 9100e Quad-Core	1831	1779	45.85	\$39.95*
AMD Phenom 9150e Quad-Core	2113	1645	52.91	\$39.95*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9350e Quad-Core	2320	1557	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1454	24.76	\$105.00*
AMD Phenom 9500 Quad-Core	2202	1612	75.98	\$28.99*
AMD Phenom 9550 Quad-Core	2543	1479	87.74	\$28.99*
AMD Phenom 9600 Quad-Core	2301	1567	46.08	\$49.95*
AMD Phenom 9600B Quad-Core	2573	1465	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2636	1443	58.65	\$44.95*
AMD Phenom 9750 Quad-Core	2810	1391	95.31	\$29.49*
AMD Phenom 9750B Quad-Core	2709	1424	NA	NA
AMD Phenom 9850 Quad-Core	2891	1367	24.10	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1272	NA	NA
AMD Phenom 9950 Quad-Core	3009	1320	22.29	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1489	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1341	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1139	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1175	NA	NA
AMD Phenom II N620 Dual-Core	1683	1852	421.84	\$3.99*
AMD Phenom II N640 Dual-Core	1718	1828	26.46	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1768	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1438	NA	NA
AMD Phenom II N830 Triple-Core	1890	1751	NA	NA
AMD Phenom II N850 Triple-Core	1937	1722	77.51	\$25.00*
AMD Phenom II N870 Triple-Core	1999	1693	NA	NA
AMD Phenom II N930 Quad-Core	2274	1579	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1503	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2521	1487	16.81	\$149.99*
AMD Phenom II P650 Dual-Core	1597	1905	45.66	\$35.00*
AMD Phenom II P820 Triple-Core	1602	1902	NA	NA
AMD Phenom II P840 Triple-Core	1709	1835	NA	NA
AMD Phenom II P860 Triple-Core	1756	1809	NA	NA
AMD Phenom II P920 Quad-Core	1866	1761	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1786	NA	NA
AMD Phenom II P960 Quad-Core	2085	1657	74.48	\$28.00*
AMD Phenom II X2 511	2104	1651	NA	NA
AMD Phenom II X2 521	2071	1664	NA	NA
AMD Phenom II X2 545	1916	1732	43.57	\$43.98*
AMD Phenom II X2 550	2021	1683	40.44	\$49.99*
AMD Phenom II X2 555	2045	1675	73.10	\$27.98*
AMD Phenom II X2 560	2061	1669	31.71	\$64.99*
AMD Phenom II X2 565	2225	1606	74.21	\$29.99*
AMD Phenom II X2 570	2068	1667	NA	NA
AMD Phenom II X2 B53	1709	1836	NA	NA
AMD Phenom II X2 B55	1921	1730	40.02	\$48.00*
AMD Phenom II X2 B57	1826	1784	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X2 B59	2118	1643	108.77	\$19.48*
AMD Phenom II X3 700e	2242	1597	NA	NA
AMD Phenom II X3 705e	2227	1604	14.63	\$152.34*
AMD Phenom II X3 710	2446	1513	28.95	\$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	1441	31.17	\$84.99*
AMD Phenom II X3 720	2668	1434	38.13	\$69.99*
AMD Phenom II X3 740	2985	1327	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1418	36.47	\$75.00*
AMD Phenom II X3 B75	2906	1360	72.69	\$39.99*
AMD Phenom II X3 B77	3067	1301	137.64	\$22.29*
AMD Phenom II X4 805	2998	1324	17.23	\$173.99*
AMD Phenom II X4 810	3122	1284	26.92	\$115.99*
AMD Phenom II X4 820	3396	1198	45.31	\$74.95*
AMD Phenom II X4 830	3434	1189	42.95	\$79.95*
AMD Phenom II X4 840	3507	1172	39.00	\$89.95*
AMD Phenom II X4 840T	3598	1145	51.42	\$69.99*
AMD Phenom II X4 850	3549	1158	54.62	\$64.99*
AMD Phenom II X4 900e	2882	1371	NA	NA
AMD Phenom II X4 905e	3078	1298	57.02	\$53.99*
AMD Phenom II X4 910	3252	1239	32.52	\$100.00*
AMD Phenom II X4 910e	3254	1236	20.73	\$156.99*
AMD Phenom II X4 920	3388	1201	42.36	\$79.99
AMD Phenom II X4 925	3415	1192	77.65	\$43.99*
AMD Phenom II X4 940	3591	1147	60.52	\$59.34*
AMD Phenom II X4 945	3654	1136	53.66	\$68.11
AMD Phenom II X4 955	3924	1069	30.15	\$130.16*
AMD Phenom II X4 960T	3781	1101	59.10	\$63.99*
AMD Phenom II X4 965	4181	1019	49.78	\$84.01
AMD Phenom II X4 970	4321	991	29.18	\$148.11*
AMD Phenom II X4 973	3759	1109	NA	NA
AMD Phenom II X4 975	4453	960	31.88	\$139.69*
AMD Phenom II X4 977	3750	1112	NA	NA
AMD Phenom II X4 980	4490	957	19.52	\$229.99*
AMD Phenom II X4 8700e	2377	1540	NA	NA
AMD Phenom II X4 B05e	2792	1395	NA	NA
AMD Phenom II X4 B15e	2736	1417	NA	NA
AMD Phenom II X4 B25	3297	1227	NA	NA
AMD Phenom II X4 B35	3383	1204	NA	NA
AMD Phenom II X4 B40	3361	1210	NA	NA
AMD Phenom II X4 B45	3467	1181	NA	NA
AMD Phenom II X4 B50	3697	1125	NA	NA
AMD Phenom II X4 B55	3855	1080	NA	NA
AMD Phenom II X4 B60	4043	1040	NA	NA
AMD Phenom II X4 B65	4172	1020	NA	NA
AMD Phenom II X4 B70	4261	1002	NA	NA
AMD Phenom II X4 B93	3356	1213	NA	NA
AMD Phenom II X4 B95	3684	1130	50.51	\$72.95*
AMD Phenom II X4 B97	3863	1078	67.80	\$56.99*
AMD Phenom II X4 B99	4130	1028	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 1035T	4643	918	24.57	\$189.00*
AMD Phenom II X6 1045T	4797	898	44.42	\$108.01*
AMD Phenom II X6 1055T	4957	866	61.79	\$80.24*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1065T	5041	848	NA	NA
AMD Phenom II X6 1075T	5328	799	47.16	\$112.99*
AMD Phenom II X6 1090T	5563	759	14.05	\$396.08*
AMD Phenom II X6 1100T	5708	740	32.16	\$177.49*
AMD Phenom II X6 1405T	5042	847	NA	NA
AMD Phenom II X620 Dual-Core	2189	1618	NA	NA
AMD Phenom II X640 Dual-Core	2021	1684	NA	NA
AMD Phenom II X920 Quad-Core	2650	1440	NA	NA
AMD Phenom II X940 Quad-Core	2695	1427	NA	NA
AMD Phenom Ultra X4 24500	3945	1065	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1845	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1611	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1813	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2112	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1972	NA	NA
AMD Phenom X3 8550	1927	1725	11.34	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1806	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1694	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1601	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1366	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1423	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1429	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2095	NA	NA
AMD PRO A4-3350B APU	2274	1580	NA	NA
AMD PRO A4-8350B	2776	1401	NA	NA
AMD PRO A6-7350B	2759	1408	NA	NA
AMD PRO A6-8500B	2516	1490	NA	NA
AMD PRO A6-8530B	2388	1534	NA	NA
AMD PRO A6-8550B	2970	1334	NA	NA
AMD PRO A6-8570	3049	1311	NA	NA
AMD PRO A6-8570E	2824	1384	NA	NA
AMD PRO A6-9500	2950	1339	39.88	\$74.00*
AMD PRO A6-9500B	2076	1663	NA	NA
AMD PRO A6-9500E	2717	1422	36.73	\$74.00*
AMD PRO A8-8600B	3513	1170	NA	NA
AMD PRO A8-8650B	5245	811	NA	NA
AMD PRO A8-8670E	5015	853	NA	NA
AMD PRO A8-9600	5277	804	44.35	\$119.00*
AMD PRO A8-9600B	3964	1058	NA	NA
AMD PRO A10-8700B	3553	1157	NA	NA
AMD PRO A10-8730B	3971	1055	NA	NA
AMD PRO A10-8750B	5473	770	NA	NA
AMD PRO A10-8770	5707	741	NA	NA
AMD PRO A10-8770E	5035	850	NA	NA
AMD PRO A10-8850B	5852	726	NA	NA
AMD PRO A10-9700	5677	746	33.59	\$169.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A10-9700B	4380	977	NA	NA
AMD PRO A10-9700E	5066	840	36.45	\$139.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A12-8800B	4111	1032	NA	NA
AMD PRO A12-8830B	4315	994	NA	NA
AMD PRO A12-8870	6067	706	NA	NA
AMD PRO A12-8870E	5186	821	NA	NA
AMD PRO A12-9800	6132	697	36.29	\$169.00*
AMD PRO A12-9800B	4124	1030	NA	NA
AMD PRO A12-9800E	4769	901	28.22	\$169.00*
AMD QC-4000	1663	1869	NA	NA
AMD R-260H APU	1576	1912	NA	NA
AMD R-460L APU	1954	1712	NA	NA
AMD R-464L APU	3117	1286	NA	NA
AMD RX-427BB	4351	984	NA	NA
AMD Ryzen 3 1200	6731	640	103.57	\$64.99
AMD Ryzen 3 1300X	7507	559	56.83	\$132.10
AMD Ryzen 3 2200G	7308	584	86.00	\$84.99
AMD Ryzen 3 2200GE	6829	627	NA	NA
AMD Ryzen 3 2200U	4583	937	NA	NA
AMD Ryzen 3 2300U	6144	695	NA	NA
AMD Ryzen 3 2300X	8448	465	NA	NA
AMD Ryzen 3 3200G	7999	511	65.65	\$121.85
AMD Ryzen 3 3200U	5067	838	NA	NA
AMD Ryzen 3 PRO 1200	7069	604	NA	NA
AMD Ryzen 3 PRO 1300	8022	508	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	827	NA	NA
AMD Ryzen 3 PRO 2200G	7999	512	NA	NA
AMD Ryzen 3 PRO 2200GE	7613	552	NA	NA
AMD Ryzen 3 PRO 2300U	7111	601	NA	NA
AMD Ryzen 3 PRO 3200GE	8147	494	NA	NA
AMD Ryzen 3 PRO 3300U	6888	624	NA	NA
AMD Ryzen 5 1400	8368	472	60.50	\$138.32
AMD Ryzen 5 1500X	10077	316	71.86	\$140.24
AMD Ryzen 5 1600	12285	229	102.39	\$119.99
AMD Ryzen 5 1600X	13205	202	91.71	\$143.99
AMD Ryzen 5 2400G	9315	387	70.04	\$132.99
AMD Ryzen 5 2400GE	8808	439	NA	NA
AMD Ryzen 5 2500U	7353	579	NA	NA
AMD Ryzen 5 2500X	9663	357	NA	NA
AMD Ryzen 5 2600	13509	200	112.59	\$119.99
AMD Ryzen 5 2600H	8366	473	NA	NA
AMD Ryzen 5 2600X	14377	165	85.23	\$168.70
AMD Ryzen 5 3400G	9989	325	53.48	\$186.79
AMD Ryzen 5 3500U	8176	491	NA	NA
AMD Ryzen 5 3550H	8442	467	NA	NA
AMD Ryzen 5 3600	20118	58	83.83	\$239.99
AMD Ryzen 5 3600X	20686	53	83.41	\$248.00
AMD Ryzen 5 PRO 1500	10133	309	NA	NA
AMD Ryzen 5 PRO 1600	12213	231	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 PRO 2400G	9998	324	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 PRO 2400GE	8561	460	NA	NA
AMD Ryzen 5 PRO 2500U	8359	474	NA	NA
AMD Ryzen 5 PRO 2600	14221	170	NA	NA
AMD Ryzen 5 PRO 3500U	7791	533	NA	NA
AMD Ryzen 5 PRO 3600	20850	51	NA	NA
AMD Ryzen 7 1700	13773	188	59.89	\$229.99
AMD Ryzen 7 1700X	14681	155	89.53	\$163.99
AMD Ryzen 7 1800X	15424	141	64.27	\$239.99
AMD Ryzen 7 2700	15009	148	81.14	\$184.98
AMD Ryzen 7 2700U	7392	573	NA	NA
AMD Ryzen 7 2700X	16974	101	68.37	\$248.29
AMD Ryzen 7 2800H	8498	462	NA	NA
AMD Ryzen 7 3700U	8066	503	NA	NA
AMD Ryzen 7 3700X	23993	24	52.16	\$459.99
AMD Ryzen 7 3750H	9033	415	NA	NA
AMD Ryzen 7 3800X	25229	19	45.05	\$559.99
AMD Ryzen 7 PRO 1700	14171	173	NA	NA
AMD Ryzen 7 PRO 1700X	15367	144	NA	NA
AMD Ryzen 7 PRO 2700	15714	136	NA	NA
AMD Ryzen 7 PRO 2700U	8830	438	NA	NA
AMD Ryzen 7 PRO 2700X	17161	97	NA	NA
AMD Ryzen 7 PRO 3700U	7895	520	NA	NA
AMD Ryzen 9 3900X	31943	1	64.01	\$499.00*
AMD Ryzen Embedded R1505G	4733	907	NA	NA
AMD Ryzen Embedded V1202B	4368	980	NA	NA
AMD Ryzen Embedded V1605B	7245	589	NA	NA
AMD Ryzen Embedded V1807B	8604	457	NA	NA
AMD Ryzen Threadripper 1900X	16089	123	55.48	\$289.99
AMD Ryzen Threadripper 1920X	19604	69	53.77	\$364.59
AMD Ryzen Threadripper 1950X	21839	38	43.68	\$499.99
AMD Ryzen Threadripper 2920X	22046	36	40.19	\$548.49
AMD Ryzen Threadripper 2950X	25538	16	34.65	\$737.10
AMD Ryzen Threadripper 2970WX	21586	41	18.15	\$1,189.46
AMD Ryzen Threadripper 2990WX	23265	30	14.39	\$1,617.11
AMD Ryzen Threadripper 2990X	19227	74	NA	NA
AMD Sempron 130	656	2400	26.29	\$24.99*
AMD Sempron 140	738	2361	18.64	\$39.59*
AMD Sempron 145	807	2333	8.51	\$94.92
AMD Sempron 150	707	2374	15.74	\$44.95*
AMD Sempron 200U	267	2765	3.08	\$87.00*
AMD Sempron 210U	391	2611	NA	NA
AMD Sempron 240	2110	1648	36.39	\$58.00
AMD Sempron 2100+	392	2609	NA	NA
AMD Sempron 2200+	281	2749	9.38	\$29.99*
AMD Sempron 2300+	318	2686	7.07	\$45.00*
AMD Sempron 2400+	314	2693	12.10	\$26.00*
AMD Sempron 2500+	335	2669	6.11	\$54.95*
AMD Sempron 2600+	373	2627	10.70	\$34.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2650 APU	947	2257	17.66	\$53.68
AMD Sempron 2800+	383	2615	6.40	\$59.95
AMD Sempron 3000+	408	2582	20.41	\$20.00
AMD Sempron 3100+	452	2536	7.53	\$60.00*
AMD Sempron 3200+	406	2583	3.10	\$131.22*
AMD Sempron 3300+	484	2505	8.07	\$60.00
AMD Sempron 3400+	454	2534	3.47	\$131.22*
AMD Sempron 3500+	379	2618	18.98	\$20.00*
AMD Sempron 3600+	483	2507	40.30	\$12.00*
AMD Sempron 3800+	554	2452	3.62	\$152.92*
AMD Sempron 3850 APU	1715	1830	21.10	\$81.32
AMD Sempron Dual Core 2100	936	2264	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2222	NA	NA
AMD Sempron Dual Core 2300	982	2230	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2256	NA	NA
AMD Sempron Dual Core 4900	1081	2173	NA	NA
AMD Sempron LE-250	490	2494	NA	NA
AMD Sempron LE-1100	438	2553	NA	NA
AMD Sempron LE-1150	444	2544	NA	NA
AMD Sempron LE-1200	528	2466	NA	NA
AMD Sempron LE-1250	541	2458	5.41	\$99.95*
AMD Sempron LE-1300	598	2428	28.51	\$21.00
AMD Sempron LE-1600	535	2463	NA	NA
AMD Sempron LE-1620	635	2410	NA	NA
AMD Sempron LE-1640	759	2351	NA	NA
AMD Sempron M100	563	2448	46.99	\$12.00*
AMD Sempron M120	582	2437	NA	NA
AMD Sempron SI-40	443	2546	36.93	\$12.00*
AMD Sempron SI-42	456	2533	15.22	\$30.01*
AMD Sempron X2 180	1222	2090	17.62	\$69.40*
AMD Sempron X2 190	1512	1942	18.12	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1984	NA	NA
AMD Turion 64 Mobile MK-36	465	2520	NA	NA
AMD Turion 64 Mobile MK-38	513	2478	NA	NA
AMD Turion 64 Mobile ML-28	390	2612	NA	NA
AMD Turion 64 Mobile ML-30	402	2593	NA	NA
AMD Turion 64 Mobile ML-32	402	2591	NA	NA
AMD Turion 64 Mobile ML-34	425	2569	NA	NA
AMD Turion 64 Mobile ML-37	442	2547	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2472	NA	NA
AMD Turion 64 Mobile ML-42	615	2419	NA	NA
AMD Turion 64 Mobile ML-44	591	2430	NA	NA
AMD Turion 64 Mobile MT-28	419	2571	NA	NA
AMD Turion 64 Mobile MT-30	378	2619	NA	NA
AMD Turion 64 Mobile MT-32	426	2568	NA	NA
AMD Turion 64 Mobile MT-34	429	2564	NA	NA
AMD Turion 64 Mobile MT-37	484	2504	NA	NA
AMD Turion 64 Mobile MT-40	536	2461	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2357	14.95	\$49.99*



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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 X2 Mobile TL-52	763	2347	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2292	63.89	\$13.95*
AMD Turion 64 X2 Mobile TL-58	947	2259	NA	NA
AMD Turion 64 X2 Mobile TL-60	996	2221	62.48	\$15.95*
AMD Turion 64 X2 Mobile TL-62	1087	2167	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1090	2165	27.69	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2139	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2125	12.92	\$90.00*
AMD Turion Dual-Core RM-70	912	2282	36.49	\$25.00*
AMD Turion Dual-Core RM-72	860	2301	21.52	\$39.99*
AMD Turion Dual-Core RM-74	1016	2208	NA	NA
AMD Turion Dual-Core RM-75	977	2232	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1293	2045	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2036	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	2024	NA	NA
AMD Turion II N530 Dual-Core	1583	1911	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1932	NA	NA
AMD Turion II Neo K625 Dual-Core	975	2234	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2109	NA	NA
AMD Turion II Neo N40L Dual-Core	925	2271	NA	NA
AMD Turion II Neo N54L Dual-Core	1364	2005	NA	NA
AMD Turion II P520 Dual-Core	1359	2010	NA	NA
AMD Turion II P540 Dual-Core	1430	1976	28.65	\$49.95*
AMD Turion II P560 Dual-Core	1514	1941	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	1985	52.55	\$26.76
AMD Turion II Ultra Dual-Core Mobile M620	1435	1973	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1862	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1929	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2329	NA	NA
AMD Turion X2 Dual Core L510	923	2274	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2303	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2183	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	991	2227	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2170	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2182	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1120	2142	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2134	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1017	2207	16.42	\$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2171	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2097	63.72	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2082	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	2043	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1232	2085	30.86	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2220	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2199	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1964	NA	NA
AMD V105	299	2713	NA	NA
AMD V120	623	2417	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD V140	643	2407	12.89	\$49.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD V160	677	2391	NA	NA
AMD Z-01	523	2471	NA	NA
AMD Z-60 APU	500	2489	NA	NA
AMD-K6 3D	90	2889	NA	NA
AMD-K6-III	108	2886	NA	NA
AMD-K7	403	2590	NA	NA
Athlon 64 Dual Core 3800+	1234	2083	NA	NA
Athlon 64 Dual Core 4200+	1156	2130	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	2002	NA	NA
Athlon 64 Dual Core 5000+	1507	1943	NA	NA
Athlon 64 Dual Core 5400+	1614	1895	NA	NA
Athlon 64 Dual Core 5600+	1548	1922	NA	NA
Athlon Dual Core 4050e	968	2239	NA	NA
Athlon Dual Core 4450e	1204	2099	NA	NA
Athlon Dual Core 4850e	1346	2016	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1378	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1085	2169	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1171	2119	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1201	2102	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	2061	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2098	NA	NA
HP Hexa-Core 2.0GHz	2178	1620	4.32	\$504.27*
Intel 2.80GHz	525	2469	NA	NA
Intel 1300 @ 1.66GHz	857	2305	NA	NA
Intel 1400 @ 1.83GHz	980	2231	NA	NA
Intel 1500 @ 2.00GHz	1024	2201	NA	NA
Intel Atom 230 @ 1.60GHz	307	2700	NA	NA
Intel Atom 330 @ 1.60GHz	587	2434	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2291	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2246	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1658	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1588	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1623	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	1097	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1215	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1270	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1509	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1480	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	886	14.62	\$332.00*
Intel Atom D410 @ 1.66GHz	301	2709	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2661	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2399	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2375	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2588	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2389	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2371	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2314	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D2701 @ 2.13GHz	720	2368	NA	NA
Intel Atom E660 @ 1.30GHz	271	2761	5.03	\$54.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom E680 @ 1.60GHz	346	2658	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2674	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2439	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2496	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2310	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2126	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	1945	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1760	NA	NA
Intel Atom E3950 @ 1.60GHz	1872	1759	NA	NA
Intel Atom K510 @ 1.66GHz	658	2398	NA	NA
Intel Atom N270 @ 1.60GHz	269	2764	NA	NA
Intel Atom N280 @ 1.66GHz	283	2742	NA	NA
Intel Atom N435 @ 1.33GHz	261	2772	NA	NA
Intel Atom N450 @ 1.66GHz	295	2721	NA	NA
Intel Atom N455 @ 1.66GHz	283	2740	NA	NA
Intel Atom N470 @ 1.83GHz	318	2685	NA	NA
Intel Atom N475 @ 1.83GHz	314	2691	NA	NA
Intel Atom N550 @ 1.50GHz	524	2470	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	572	2444	6.66	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2705	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2467	NA	NA
Intel Atom N2800 @ 1.86GHz	624	2416	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2279	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1676	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2330	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1617	1893	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1193	2105	8.97	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1018	2206	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1269	2065	60.43	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1693	1850	27.07	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1831	1782	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1894	1745	25.73	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1889	1752	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2840	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2816	NA	NA
Intel Atom Z520 @ 1.33GHz	217	2817	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2748	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2655	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2616	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2796	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2447	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2280	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2268	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2287	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2288	NA	NA
Intel Atom Z3736F @ 1.33GHz	919	2278	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3740 @ 1.33GHz	1061	2181	NA	NA
Intel Atom Z3740D @ 1.33GHz	1025	2200	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2176	35.98	\$30.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3745D @ 1.33GHz	1034	2195	NA	NA
Intel Atom Z3770 @ 1.46GHz	1245	2080	8.34	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2334	NA	NA
Intel Atom Z3775 @ 1.46GHz	1260	2068	36.00	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2058	NA	NA
Intel Atom Z3795 @ 1.60GHz	1772	1800	NA	NA
Intel Celeron 1.70GHz	130	2879	NA	NA
Intel Celeron 1.80GHz	136	2876	NA	NA
Intel Celeron 2.00GHz	182	2852	NA	NA
Intel Celeron 2.10GHz	244	2794	NA	NA
Intel Celeron 2.13GHz	208	2827	NA	NA
Intel Celeron 2.20GHz	213	2822	NA	NA
Intel Celeron 2.26GHz	223	2811	NA	NA
Intel Celeron 2.30GHz	227	2808	NA	NA
Intel Celeron 2.40GHz	217	2818	NA	NA
Intel Celeron 2.50GHz	247	2788	NA	NA
Intel Celeron 2.53GHz	245	2792	NA	NA
Intel Celeron 2.60GHz	238	2799	NA	NA
Intel Celeron 2.66GHz	250	2785	NA	NA
Intel Celeron 2.70GHz	245	2793	NA	NA
Intel Celeron 2.80GHz	254	2778	NA	NA
Intel Celeron 2.93GHz	283	2741	NA	NA
Intel Celeron 3.06GHz	284	2737	NA	NA
Intel Celeron 3.20GHz	288	2730	NA	NA
Intel Celeron 3.33GHz	333	2672	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2680	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2682	NA	NA
Intel Celeron 420 @ 1.60GHz	451	2537	11.29	\$39.99*
Intel Celeron 430 @ 1.80GHz	489	2495	9.11	\$53.75
Intel Celeron 440 @ 2.00GHz	548	2453	9.14	\$59.99
Intel Celeron 450 @ 2.20GHz	625	2415	20.86	\$29.99*
Intel Celeron 530 @ 1.73GHz	470	2516	20.47	\$22.99*
Intel Celeron 540 @ 1.86GHz	521	2473	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2475	7.96	\$64.95
Intel Celeron 560 @ 2.13GHz	535	2462	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2474	NA	NA
Intel Celeron 600MHz	147	2872	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2586	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2563	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2355	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2633	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2420	NA	NA
Intel Celeron 847 @ 1.10GHz	934	2265	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2204	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2137	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 867 @ 1.30GHz	1173	2117	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	2048	NA	NA
Intel Celeron 887 @ 1.50GHz	1280	2057	NA	NA
Intel Celeron 900 @ 2.20GHz	677	2392	23.38	\$28.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 925 @ 2.30GHz	688	2385	NA	NA
Intel Celeron 1000M @ 1.80GHz	1677	1856	NA	NA
Intel Celeron 1000MHz	213	2821	NA	NA
Intel Celeron 1005M @ 1.90GHz	1812	1788	NA	NA
Intel Celeron 1007U @ 1.50GHz	1389	1991	7.51	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1521	1931	NA	NA
Intel Celeron 1019Y @ 1.00GHz	946	2260	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1602	NA	NA
Intel Celeron 1037U @ 1.80GHz	1736	1819	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2108	NA	NA
Intel Celeron 1066MHz	259	2774	NA	NA
Intel Celeron 1100MHz	174	2858	NA	NA
Intel Celeron 1133MHz	282	2743	NA	NA
Intel Celeron 1200MHz	244	2795	NA	NA
Intel Celeron 1300MHz	288	2732	NA	NA
Intel Celeron 1333MHz	290	2726	NA	NA
Intel Celeron 1400MHz	302	2706	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1547	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1898	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1984	1700	NA	NA
Intel Celeron 2955U @ 1.40GHz	1422	1980	NA	NA
Intel Celeron 2957U @ 1.40GHz	1435	1974	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2151	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1561	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1908	NA	NA
Intel Celeron 2981U @ 1.60GHz	1404	1986	NA	NA
Intel Celeron 3205U @ 1.50GHz	1499	1948	5.22	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1641	1878	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1842	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1696	NA	NA
Intel Celeron 3855U @ 1.60GHz	1680	1855	NA	NA
Intel Celeron 3865U @ 1.80GHz	1898	1743	NA	NA
Intel Celeron 3867U @ 1.80GHz	1843	1772	17.23	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1913	1735	NA	NA
Intel Celeron 3965U @ 2.20GHz	2346	1550	21.93	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1629	1887	15.23	\$107.00*
Intel Celeron 4205U @ 1.80GHz	1953	1714	18.25	\$107.00*
Intel Celeron @ 1.30GHz	965	2240	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2846	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2327	NA	NA
Intel Celeron B800 @ 1.50GHz	1277	2060	NA	NA
Intel Celeron B810 @ 1.60GHz	1425	1977	NA	NA
Intel Celeron B815 @ 1.60GHz	1366	2003	NA	NA
Intel Celeron B820 @ 1.70GHz	1431	1975	36.42	\$39.29*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron B830 @ 1.80GHz	1515	1940	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1827	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2763	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2707	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2688	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron D 360 @ 3.46GHz	337	2668	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2587	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2508	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2435	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2304	7.80	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1048	2188	11.65	\$89.95
Intel Celeron E1500 @ 2.20GHz	1169	2121	59.51	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2070	NA	NA
Intel Celeron E3200 @ 2.40GHz	1383	1994	26.62	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1387	1992	21.35	\$64.99
Intel Celeron E3400 @ 2.60GHz	1439	1970	2.36	\$610.00*
Intel Celeron E3500 @ 2.70GHz	1454	1963	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	694	2381	13.90	\$49.99*
Intel Celeron G460 @ 1.80GHz	1035	2194	15.93	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2179	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2042	NA	NA
Intel Celeron G530 @ 2.40GHz	2132	1635	53.32	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1829	NA	NA
Intel Celeron G540 @ 2.50GHz	2196	1616	48.81	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1644	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1569	28.63	\$80.00
Intel Celeron G550T @ 2.20GHz	2063	1668	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1521	60.57	\$40.00*
Intel Celeron G1101 @ 2.27GHz	1667	1865	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2490	1500	52.99	\$47.00
Intel Celeron G1610T @ 2.30GHz	2270	1584	56.72	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2577	1463	16.78	\$153.59*
Intel Celeron G1620T @ 2.40GHz	2353	1549	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1498	35.63	\$69.99
Intel Celeron G1820 @ 2.70GHz	2755	1411	34.45	\$79.99
Intel Celeron G1820T @ 2.40GHz	2496	1497	59.44	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1636	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1478	26.80	\$94.95
Intel Celeron G1840 @ 2.80GHz	2859	1375	31.88	\$89.71
Intel Celeron G1840T @ 2.50GHz	2554	1473	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1355	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3141	1279	69.82	\$44.99
Intel Celeron G3900E @ 2.40GHz	2679	1432	NA	NA
Intel Celeron G3900T @ 2.60GHz	2925	1351	26.01	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1458	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1283	29.19	\$106.99
Intel Celeron G3930 @ 2.90GHz	3034	1312	59.30	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1404	41.96	\$65.93*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3950 @ 3.00GHz	3049	1310	42.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3269	1231	72.97	\$44.81
Intel Celeron G4900T @ 2.90GHz	3096	1291	NA	NA
Intel Celeron G4920 @ 3.20GHz	3192	1256	47.66	\$66.99
Intel Celeron J1750 @ 2.41GHz	1037	2193	NA	NA
Intel Celeron J1800 @ 2.41GHz	1029	2198	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J1850 @ 1.99GHz	1617	1892	NA	NA
Intel Celeron J1900 @ 1.99GHz	1839	1776	NA	NA
Intel Celeron J3060 @ 1.60GHz	974	2235	NA	NA
Intel Celeron J3160 @ 1.60GHz	1795	1793	NA	NA
Intel Celeron J3355 @ 2.00GHz	1194	2104	NA	NA
Intel Celeron J3455 @ 1.50GHz	2110	1647	5.56	\$379.99
Intel Celeron J4005 @ 2.00GHz	1541	1925	10.97	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2632	1444	24.60	\$107.00*
Intel Celeron M 1.00GHz	207	2828	16.60	\$12.49
Intel Celeron M 1.30GHz	316	2687	NA	NA
Intel Celeron M 1.50GHz	343	2663	NA	NA
Intel Celeron M 1.60GHz	364	2642	NA	NA
Intel Celeron M 1.70GHz	393	2608	NA	NA
Intel Celeron M 360 1.40GHz	328	2676	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2689	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2665	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2635	NA	NA
Intel Celeron M 440 @ 1.86GHz	397	2599	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2780	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2539	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2561	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2524	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2457	NA	NA
Intel Celeron M 600MHz	151	2870	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2532	NA	NA
Intel Celeron M 900MHz	204	2830	NA	NA
Intel Celeron M 1200MHz	275	2758	NA	NA
Intel Celeron M 1300MHz	303	2703	NA	NA
Intel Celeron M 1500MHz	333	2673	NA	NA
Intel Celeron M ULV 800MHz	184	2850	NA	NA
Intel Celeron N2805 @ 1.46GHz	461	2529	NA	NA
Intel Celeron N2806 @ 1.60GHz	791	2339	NA	NA
Intel Celeron N2807 @ 1.58GHz	855	2307	NA	NA
Intel Celeron N2808 @ 1.58GHz	908	2286	NA	NA
Intel Celeron N2810 @ 2.00GHz	787	2340	5.62	\$139.99*
Intel Celeron N2815 @ 1.86GHz	851	2309	NA	NA
Intel Celeron N2820 @ 2.13GHz	923	2273	4.40	\$209.99
Intel Celeron N2830 @ 2.16GHz	955	2252	NA	NA
Intel Celeron N2840 @ 2.16GHz	1002	2213	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2100	NA	NA
Intel Celeron N2920 @ 1.86GHz	1500	1947	NA	NA
Intel Celeron N2930 @ 1.83GHz	1627	1889	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	1730	1821	NA	NA
Intel Celeron N3000 @ 1.04GHz	909	2284	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2241	NA	NA
Intel Celeron N3050 @ 1.60GHz	877	2295	5.24	\$167.41
Intel Celeron N3060 @ 1.60GHz	989	2228	NA	NA
Intel Celeron N3150 @ 1.60GHz	1656	1871	NA	NA
Intel Celeron N3160 @ 1.60GHz	1664	1867	5.38	\$309.19
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N3350 @ 1.10GHz	1111	2150	NA	NA
Intel Celeron N3450 @ 1.10GHz	1843	1773	5.85	\$314.99*
Intel Celeron N4000 @ 1.10GHz	1436	1971	13.43	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2276	1577	21.28	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1119	2143	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2224	NA	NA
Intel Celeron P4600 @ 2.00GHz	1344	2019	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2344	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2255	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2184	35.29	\$29.99*
Intel Celeron U1900 @ 1.99GHz	1704	1841	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2366	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2386	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2332	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2186	6.57	\$159.95*
Intel Core2 Duo E4400 @ 2.00GHz	1156	2129	23.14	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1270	2062	17.84	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1383	1995	8.76	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	1955	54.88	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1108	2153	85.34	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2110	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1289	2050	43.06	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1361	2008	27.24	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	1966	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1949	100.25	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1554	1921	103.68	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1849	56.47	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1714	1831	166.48	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1946	1717	38.95	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1629	1888	33.26	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1725	1824	43.26	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1771	1801	61.10	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1756	125.06	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1965	1708	16.38	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1556	1919	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1761	1804	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1884	1754	37.69	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1711	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1548	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1991	1695	99.61	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1769	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8335 @ 2.93GHz	2128	1639	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2149	1630	47.24	\$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2127	1640	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2282	1574	57.07	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2400	1531	56.54	\$42.45*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1610	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2349	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2387	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo L7300 @ 1.40GHz	825	2323	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2311	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	959	2248	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2236	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2144	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1074	2178	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1345	2017	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1290	2049	64.55	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	2041	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1417	1982	35.46	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2262	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1936	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1452	1965	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2203	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1454	1962	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1927	31.25	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1891	42.77	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1816	30.57	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1917	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1753	1811	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1754	1810	17.72	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1864	1764	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2015	1686	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2433	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2075	4.95	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1677	1857	5.91	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	925	2269	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	832	2318	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	838	2317	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2328	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	932	2266	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2281	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2285	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2275	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1044	2190	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2197	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	993	2225	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1093	2164	109.45	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1115	2146	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1200	2103	75.48	\$15.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5870 @ 2.00GHz	1149	2133	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2096	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2088	81.82	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1286	2052	85.85	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1258	2069	32.69	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1361	2007	72.05	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1360	2009	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1018	2205	46.32	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	2123	11.68	\$99.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T7250 @ 2.00GHz	1115	2145	5.54	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1193	2106	38.51	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1251	2076	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1270	2064	29.55	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1378	1999	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1423	1979	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1597	1906	2.63	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1296	2044	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1472	1957	13.52	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1673	1859	28.86	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1738	1817	24.86	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1798	1792	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1805	1790	6.04	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1726	21.42	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2020	1685	4.77	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2132	1634	5.35	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	874	2296	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2431	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2394	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2380	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2302	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1128	2141	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1851	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1134	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3634	1138	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1184	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1873	1758	7.11	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1791	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2026	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1853	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1892	1747	4.62	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2068	1666	2.43	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4156	1023	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	954	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	928	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	917	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2948	1340	73.76	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3283	1230	72.98	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2811	1390	122.29	\$22.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q8300 @ 2.50GHz	2980	1328	59.62	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3161	1271	13.18	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2524	1483	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1242	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3159	1273	15.84	\$199.50*
Intel Core2 Quad Q9400 @ 2.66GHz	3340	1218	69.55	\$48.03*
Intel Core2 Quad Q9450 @ 2.66GHz	3757	1110	105.25	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3525	1165	100.74	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3544	1160	18.66	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3963	1059	89.09	\$44.49*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9650 @ 3.00GHz	4160	1022	37.84	\$109.95
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1063	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2646	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2696	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2573	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	464	2521	NA	NA
Intel Core 330 @ 1.60GHz	643	2406	NA	NA
Intel Core 860 @ 2.80GHz	4555	940	26.96	\$169.00*
Intel Core Duo L2300 @ 1.50GHz	719	2369	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2377	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2356	NA	NA
Intel Core Duo T2050 @ 1.60GHz	694	2382	NA	NA
Intel Core Duo T2250 @ 1.73GHz	754	2353	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2364	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2348	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2335	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2322	NA	NA
Intel Core Duo T2500 @ 2.00GHz	867	2299	7.23	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2263	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2202	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2455	NA	NA
Intel Core Duo U2500 @ 1.20GHz	511	2481	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1723	NA	NA
Intel Core i3-330M @ 2.13GHz	1787	1797	11.17	\$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2177	NA	NA
Intel Core i3-350M @ 2.27GHz	1892	1748	17.37	\$108.95*
Intel Core i3-370M @ 2.40GHz	2014	1687	50.42	\$39.96*
Intel Core i3-380M @ 2.53GHz	2092	1654	9.97	\$209.95*
Intel Core i3-380UM @ 1.33GHz	1160	2127	NA	NA
Intel Core i3-390M @ 2.67GHz	2183	1619	56.06	\$38.95*
Intel Core i3-530 @ 2.93GHz	2566	1469	13.58	\$189.00*
Intel Core i3-540 @ 3.07GHz	2688	1430	19.98	\$134.54
Intel Core i3-550 @ 3.20GHz	2829	1381	16.10	\$175.74
Intel Core i3-560 @ 3.33GHz	2934	1345	16.31	\$179.95*
Intel Core i3-2100 @ 3.10GHz	3689	1129	67.10	\$54.99
Intel Core i3-2100T @ 2.50GHz	2962	1337	49.39	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1115	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3712	1122	32.29	\$114.99*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2120 @ 3.30GHz	3929	1068	56.14	\$69.99
Intel Core i3-2120T @ 2.60GHz	3164	1269	19.78	\$160.00*
Intel Core i3-2125 @ 3.30GHz	4005	1047	19.35	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4073	1036	35.42	\$114.99
Intel Core i3-2140 @ 3.50GHz	4325	990	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1377	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2431	1518	54.04	\$44.99
Intel Core i3-2312M @ 2.10GHz	2374	1541	NA	NA
Intel Core i3-2328M @ 2.20GHz	2546	1476	27.39	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1299	NA	NA
Intel Core i3-2330M @ 2.20GHz	2525	1482	50.55	\$49.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2332M @ 2.20GHz	2382	1538	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1826	NA	NA
Intel Core i3-2348M @ 2.30GHz	2620	1448	NA	NA
Intel Core i3-2350M @ 2.30GHz	2628	1446	18.78	\$139.95*
Intel Core i3-2357M @ 1.30GHz	1556	1920	NA	NA
Intel Core i3-2365M @ 1.40GHz	1676	1858	NA	NA
Intel Core i3-2367M @ 1.40GHz	1707	1838	NA	NA
Intel Core i3-2370M @ 2.40GHz	2777	1400	69.77	\$39.81
Intel Core i3-2375M @ 1.50GHz	1769	1802	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1783	NA	NA
Intel Core i3-3110M @ 2.40GHz	3083	1296	38.56	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3223	1247	29.31	\$110.00*
Intel Core i3-3130M @ 2.60GHz	3390	1200	NA	NA
Intel Core i3-3210 @ 3.20GHz	4041	1041	13.79	\$293.00
Intel Core i3-3217U @ 1.80GHz	2301	1566	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1626	NA	NA
Intel Core i3-3220 @ 3.30GHz	4244	1005	53.73	\$79.00
Intel Core i3-3220T @ 2.80GHz	3693	1126	27.36	\$135.00
Intel Core i3-3225 @ 3.30GHz	4344	986	13.37	\$324.99
Intel Core i3-3227U @ 1.90GHz	2467	1507	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1844	NA	NA
Intel Core i3-3240 @ 3.40GHz	4317	992	86.35	\$50.00
Intel Core i3-3240T @ 2.90GHz	3655	1135	NA	NA
Intel Core i3-3245 @ 3.40GHz	4444	964	24.83	\$179.01
Intel Core i3-3250 @ 3.50GHz	4447	961	46.82	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1140	NA	NA
Intel Core i3-4000M @ 2.40GHz	3255	1235	16.28	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2443	1514	NA	NA
Intel Core i3-4010U @ 1.70GHz	2439	1515	8.44	\$289.00
Intel Core i3-4010Y @ 1.30GHz	1900	1742	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2164	1625	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2213	1609	NA	NA
Intel Core i3-4025U @ 1.90GHz	2787	1398	NA	NA
Intel Core i3-4030U @ 1.90GHz	2718	1421	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1493	NA	NA
Intel Core i3-4100M @ 2.50GHz	3428	1190	15.69	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	1075	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4110U @ 1.90GHz	2902	1364	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1309	NA	NA
Intel Core i3-4130 @ 3.40GHz	4804	894	53.38	\$90.00
Intel Core i3-4130T @ 2.90GHz	4144	1026	46.57	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4898	877	49.48	\$99.00
Intel Core i3-4150T @ 3.00GHz	4233	1007	18.41	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1352	NA	NA
Intel Core i3-4160 @ 3.60GHz	5052	843	46.35	\$109.00
Intel Core i3-4160T @ 3.10GHz	4445	963	29.64	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5192	818	19.97	\$259.95
Intel Core i3-4170T @ 3.20GHz	4545	946	21.65	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5086	830	24.29	\$209.41
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4330T @ 3.00GHz	4485	958	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1251	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	812	27.60	\$189.99
Intel Core i3-4350 @ 3.60GHz	4990	858	29.36	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	997	NA	NA
Intel Core i3-4360 @ 3.70GHz	5461	777	21.09	\$259.00
Intel Core i3-4360T @ 3.20GHz	4636	922	NA	NA
Intel Core i3-4370 @ 3.80GHz	5616	753	18.18	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4870	879	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	870	NA	NA
Intel Core i3-5005U @ 2.00GHz	2907	1358	NA	NA
Intel Core i3-5010U @ 2.10GHz	3055	1305	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	3006	1322	NA	NA
Intel Core i3-5020U @ 2.20GHz	3197	1254	6.97	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3663	1133	NA	NA
Intel Core i3-6006U @ 2.00GHz	3084	1295	NA	NA
Intel Core i3-6098P @ 3.60GHz	5408	782	40.44	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5482	769	45.76	\$119.80
Intel Core i3-6100E @ 2.70GHz	3769	1103	NA	NA
Intel Core i3-6100H @ 2.70GHz	4222	1010	NA	NA
Intel Core i3-6100T @ 3.20GHz	4850	887	35.94	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	4304	995	NA	NA
Intel Core i3-6100U @ 2.30GHz	3604	1144	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	1087	NA	NA
Intel Core i3-6300 @ 3.80GHz	5841	729	25.51	\$229.00
Intel Core i3-6300T @ 3.30GHz	5247	810	33.86	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6047	708	15.27	\$395.99
Intel Core i3-7020U @ 2.30GHz	3517	1168	12.52	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5785	733	32.80	\$176.41
Intel Core i3-7100H @ 3.00GHz	4627	926	20.57	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5048	845	35.23	\$143.30
Intel Core i3-7100U @ 2.40GHz	3766	1104	9.90	\$380.64*
Intel Core i3-7101TE @ 3.40GHz	5189	819	44.36	\$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1232	14.52	\$225.00*
Intel Core i3-7130U @ 2.70GHz	4055	1038	14.43	\$281.00*
Intel Core i3-7167U @ 2.80GHz	4757	902	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7300 @ 4.00GHz	6356	677	36.99	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	791	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6417	669	35.12	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6620	651	41.46	\$159.66
Intel Core i3-8100 @ 3.60GHz	8030	507	47.69	\$168.39
Intel Core i3-8100B @ 3.60GHz	8473	463	63.71	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7382	576	51.84	\$142.41
Intel Core i3-8109U @ 3.00GHz	6181	691	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	897	NA	NA
Intel Core i3-8130U @ 2.20GHz	5038	849	17.93	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5460	778	19.43	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8690	451	44.62	\$194.78
Intel Core i3-8300T @ 3.20GHz	8032	506	47.11	\$170.49*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8350K @ 4.00GHz	9221	395	49.85	\$184.99
Intel Core i3-9100 @ 3.60GHz	9043	413	69.57	\$129.99
Intel Core i3-9100F @ 3.60GHz	9098	406	86.66	\$104.99
Intel Core i3-9100T @ 3.10GHz	7689	542	63.03	\$122.00*
Intel Core i3-9350KF @ 4.00GHz	10458	290	45.77	\$228.49
Intel Core i3-21050 @ 3.10GHz	3862	1079	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1615	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1502	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3604	1143	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3810	1096	NA	NA
Intel Core i5-430M @ 2.27GHz	2095	1653	14.97	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	2022	NA	NA
Intel Core i5-450M @ 2.40GHz	2126	1641	66.55	\$31.95*
Intel Core i5-460M @ 2.53GHz	2323	1555	31.00	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	2174	NA	NA
Intel Core i5-480M @ 2.67GHz	2403	1528	29.82	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1596	NA	NA
Intel Core i5-520M @ 2.40GHz	2368	1543	33.84	\$69.99*
Intel Core i5-520UM @ 1.07GHz	1351	2012	NA	NA
Intel Core i5-540M @ 2.53GHz	2452	1512	12.91	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	2001	NA	NA
Intel Core i5-560M @ 2.67GHz	2579	1462	42.98	\$60.00*
Intel Core i5-560UM @ 1.33GHz	1664	1868	NA	NA
Intel Core i5-580M @ 2.67GHz	2590	1459	23.56	\$109.95*
Intel Core i5-650 @ 3.20GHz	3098	1290	36.45	\$84.99*
Intel Core i5-655K @ 3.20GHz	3386	1202	56.45	\$59.99*
Intel Core i5-660 @ 3.33GHz	3253	1237	9.30	\$349.95*
Intel Core i5-661 @ 3.33GHz	3186	1258	31.86	\$99.99*
Intel Core i5-670 @ 3.47GHz	3313	1223	36.83	\$89.99*
Intel Core i5-680 @ 3.60GHz	3514	1169	39.05	\$89.99*
Intel Core i5-750 @ 2.67GHz	3690	1128	39.88	\$92.55*
Intel Core i5-760 @ 2.80GHz	3885	1074	43.17	\$89.99*
Intel Core i5-2300 @ 2.80GHz	5362	793	67.04	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5534	764	29.70	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5767	736	36.05	\$160.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2380P @ 3.10GHz	5749	738	31.94	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4227	1008	42.32	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5967	712	86.49	\$69.00
Intel Core i5-2400S @ 2.50GHz	4985	859	14.67	\$339.95*
Intel Core i5-2405S @ 2.50GHz	5082	832	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3167	1267	40.58	\$78.07
Intel Core i5-2415M @ 2.30GHz	3299	1226	NA	NA
Intel Core i5-2430M @ 2.40GHz	3285	1229	36.87	\$89.11*
Intel Core i5-2435M @ 2.40GHz	3227	1245	NA	NA
Intel Core i5-2450M @ 2.50GHz	3401	1195	38.65	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6132	698	68.14	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2322	1556	NA	NA
Intel Core i5-2500 @ 3.30GHz	6343	678	115.21	\$55.06
Intel Core i5-2500K @ 3.30GHz	6477	662	14.92	\$434.26*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2500S @ 2.70GHz	5371	790	71.63	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4639	920	NA	NA
Intel Core i5-2510E @ 2.50GHz	3483	1177	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1224	NA	NA
Intel Core i5-2520M @ 2.50GHz	3592	1146	21.18	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2081	1660	NA	NA
Intel Core i5-2540M @ 2.60GHz	3786	1100	66.40	\$57.02
Intel Core i5-2550K @ 3.40GHz	6668	645	35.10	\$190.00*
Intel Core i5-2557M @ 1.70GHz	2693	1428	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1111	NA	NA
Intel Core i5-3210M @ 2.50GHz	3827	1091	51.71	\$74.02
Intel Core i5-3230M @ 2.60GHz	3941	1067	17.38	\$226.77*
Intel Core i5-3317U @ 1.70GHz	3090	1292	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4128	1029	39.66	\$104.10*
Intel Core i5-3330 @ 3.00GHz	5946	715	29.73	\$200.00
Intel Core i5-3330S @ 2.70GHz	5683	744	59.83	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	732	NA	NA
Intel Core i5-3337U @ 1.80GHz	3228	1244	14.35	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1608	NA	NA
Intel Core i5-3340 @ 3.10GHz	6096	703	20.81	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4245	1004	53.11	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	727	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6150	694	41.01	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4434	967	47.78	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4438	965	NA	NA
Intel Core i5-3427U @ 1.80GHz	3545	1159	8.44	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3640	1137	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1348	NA	NA
Intel Core i5-3450 @ 3.10GHz	6539	658	25.79	\$253.59*
Intel Core i5-3450S @ 2.80GHz	6223	685	42.62	\$146.01
Intel Core i5-3470 @ 3.20GHz	6717	642	75.47	\$89.00
Intel Core i5-3470S @ 2.90GHz	6373	675	71.62	\$89.00
Intel Core i5-3470T @ 2.90GHz	4483	959	14.51	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6609	652	46.06	\$143.50*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3550 @ 3.30GHz	6958	613	20.47	\$339.95*
Intel Core i5-3550S @ 3.00GHz	6910	621	20.95	\$329.95*
Intel Core i5-3570 @ 3.40GHz	7132	598	79.26	\$89.99
Intel Core i5-3570K @ 3.40GHz	7176	595	21.11	\$339.99
Intel Core i5-3570S @ 3.10GHz	6746	638	23.67	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5914	719	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3898	1073	NA	NA
Intel Core i5-4200H @ 2.80GHz	4445	962	NA	NA
Intel Core i5-4200M @ 2.50GHz	4036	1042	49.76	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3294	1228	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1527	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2265	1586	NA	NA
Intel Core i5-4210H @ 2.90GHz	4530	949	NA	NA
Intel Core i5-4210M @ 2.60GHz	4201	1014	13.55	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3405	1194	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4210Y @ 1.50GHz	2378	1539	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1564	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1363	NA	NA
Intel Core i5-4250U @ 1.30GHz	3452	1185	9.62	\$359.00
Intel Core i5-4258U @ 2.40GHz	4082	1035	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1153	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	981	NA	NA
Intel Core i5-4288U @ 2.60GHz	4304	996	NA	NA
Intel Core i5-4300M @ 2.60GHz	4429	969	NA	NA
Intel Core i5-4300U @ 1.90GHz	3744	1114	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2502	1495	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1332	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	1011	NA	NA
Intel Core i5-4310M @ 2.70GHz	4643	919	NA	NA
Intel Core i5-4310U @ 2.00GHz	3763	1107	NA	NA
Intel Core i5-4330M @ 2.80GHz	4547	944	16.54	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4853	885	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1141	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	943	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1064	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1393	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6339	679	39.62	\$159.99
Intel Core i5-4430S @ 2.70GHz	5958	714	37.24	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6513	660	13.11	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6245	684	13.49	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6717	641	35.36	\$189.99
Intel Core i5-4460S @ 2.90GHz	6420	668	9.73	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4960	865	NA	NA
Intel Core i5-4570 @ 3.20GHz	7147	597	61.77	\$115.72
Intel Core i5-4570R @ 2.70GHz	6756	636	NA	NA
Intel Core i5-4570S @ 2.90GHz	6828	628	34.97	\$195.23
Intel Core i5-4570T @ 2.90GHz	4814	889	22.93	\$209.95
Intel Core i5-4570TE @ 2.70GHz	3827	1090	19.14	\$199.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4590 @ 3.30GHz	7330	581	61.10	\$119.99
Intel Core i5-4590S @ 3.00GHz	7066	605	47.43	\$149.00
Intel Core i5-4590T @ 2.00GHz	5619	752	26.77	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7460	562	30.82	\$242.08
Intel Core i5-4670K @ 3.40GHz	7634	549	22.21	\$343.81
Intel Core i5-4670K CPT @ 3.40GHz	7411	572	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	571	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7379	577	34.65	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6168	693	23.81	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7682	544	32.15	\$238.99
Intel Core i5-4690K @ 3.50GHz	7795	531	50.62	\$154.00
Intel Core i5-4690S @ 3.20GHz	7426	568	26.42	\$281.06*
Intel Core i5-4690T @ 2.50GHz	6544	657	NA	NA
Intel Core i5-5200U @ 2.20GHz	3489	1176	NA	NA
Intel Core i5-5250U @ 1.60GHz	3589	1148	8.12	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4410	973	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-5287U @ 2.90GHz	4700	911	NA	NA
Intel Core i5-5300U @ 2.30GHz	3827	1089	7.42	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3512	1171	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	561	NA	NA
Intel Core i5-5675C @ 3.10GHz	8191	489	26.43	\$309.95*
Intel Core i5-5675R @ 3.10GHz	7991	515	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4147	1024	NA	NA
Intel Core i5-6200U @ 2.30GHz	4022	1043	NA	NA
Intel Core i5-6260U @ 1.80GHz	4362	982	8.41	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4962	864	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	903	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6089	704	NA	NA
Intel Core i5-6300U @ 2.40GHz	4369	978	NA	NA
Intel Core i5-6360U @ 2.00GHz	4880	878	NA	NA
Intel Core i5-6400 @ 2.70GHz	6766	633	19.90	\$340.03*
Intel Core i5-6400T @ 2.20GHz	5614	756	21.60	\$259.95*
Intel Core i5-6402P @ 2.80GHz	7117	600	37.46	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	686	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6804	630	NA	NA
Intel Core i5-6500 @ 3.20GHz	7247	588	43.14	\$168.00
Intel Core i5-6500T @ 2.50GHz	6287	681	43.36	\$144.99*
Intel Core i5-6500TE @ 2.30GHz	6579	654	31.33	\$209.99*
Intel Core i5-6600 @ 3.30GHz	7777	536	29.92	\$259.94*
Intel Core i5-6600K @ 3.50GHz	8066	504	30.66	\$263.11*
Intel Core i5-6600T @ 2.70GHz	7342	580	24.48	\$299.95
Intel Core i5-7200U @ 2.50GHz	4602	932	NA	NA
Intel Core i5-7260U @ 2.20GHz	5673	747	9.63	\$589.00
Intel Core i5-7267U @ 3.10GHz	4976	862	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	751	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6787	631	NA	NA
Intel Core i5-7300U @ 2.60GHz	5189	820	10.38	\$499.99
Intel Core i5-7360U @ 2.30GHz	5865	724	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7400 @ 3.00GHz	7323	582	34.03	\$215.24
Intel Core i5-7400T @ 2.40GHz	6403	670	29.12	\$219.91
Intel Core i5-7440HQ @ 2.80GHz	7661	548	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	6262	683	25.05	\$250.00*
Intel Core i5-7500 @ 3.40GHz	8020	509	40.14	\$199.79
Intel Core i5-7500T @ 2.70GHz	7023	608	31.36	\$223.99
Intel Core i5-7600 @ 3.50GHz	8723	446	35.76	\$243.99
Intel Core i5-7600K @ 3.80GHz	9116	404	34.25	\$266.20
Intel Core i5-7600T @ 2.80GHz	8111	501	31.18	\$260.15
Intel Core i5-7640X @ 4.00GHz	9545	366	42.80	\$223.00
Intel Core i5-8200Y @ 1.30GHz	4206	1013	14.46	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4284	999	NA	NA
Intel Core i5-8250U @ 1.60GHz	7679	546	NA	NA
Intel Core i5-8259U @ 2.30GHz	11015	264	15.74	\$699.99
Intel Core i5-8265U @ 1.60GHz	7937	518	26.72	\$297.00*
Intel Core i5-8265UC @ 1.60GHz	7386	574	NA	NA
Intel Core i5-8300H @ 2.30GHz	9498	368	37.99	\$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	8947	428	NA	NA
Intel Core i5-8350U @ 1.70GHz	8234	484	27.72	\$297.00*
Intel Core i5-8365U @ 1.60GHz	8332	477	28.06	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11648	245	55.79	\$208.80
Intel Core i5-8400H @ 2.50GHz	10157	306	40.63	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9554	365	48.01	\$199.00
Intel Core i5-8500 @ 3.00GHz	11913	238	39.54	\$301.27
Intel Core i5-8500B @ 3.00GHz	12756	213	66.44	\$192.00*
Intel Core i5-8500T @ 2.10GHz	10016	320	21.09	\$474.99
Intel Core i5-8600 @ 3.10GHz	12615	219	45.51	\$277.21*
Intel Core i5-8600K @ 3.60GHz	12761	212	40.78	\$312.92*
Intel Core i5-8600T @ 2.30GHz	10830	274	30.93	\$350.12*
Intel Core i5-9300H @ 2.40GHz	9565	363	38.26	\$250.00*
Intel Core i5-9400 @ 2.90GHz	11826	240	60.65	\$194.99
Intel Core i5-9400F @ 2.90GHz	12161	233	81.08	\$149.99
Intel Core i5-9500 @ 3.00GHz	12673	218	62.74	\$202.00*
Intel Core i5-9500T @ 2.20GHz	11211	254	58.39	\$192.00*
Intel Core i5-9600K @ 3.70GHz	13522	196	54.10	\$249.95
Intel Core i5-9600KF @ 3.70GHz	13991	178	55.97	\$249.99
Intel Core i5-24050S @ 2.50GHz	4928	871	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3734	1116	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1706	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1477	NA	NA
Intel Core i7-620LM @ 2.00GHz	1949	1716	NA	NA
Intel Core i7-620M @ 2.67GHz	2722	1420	24.74	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	2029	NA	NA
Intel Core i7-640LM @ 2.13GHz	2249	1593	NA	NA
Intel Core i7-640M @ 2.80GHz	2827	1382	14.14	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1638	1881	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1814	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1834	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-720QM @ 1.60GHz	3010	1318	27.38	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3192	1257	19.96	\$159.95*
Intel Core i7-820QM @ 1.73GHz	3224	1246	13.44	\$239.95*
Intel Core i7-840QM @ 1.87GHz	3411	1193	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	4998	857	17.24	\$289.95
Intel Core i7-860S @ 2.53GHz	4711	908	23.56	\$199.99*
Intel Core i7-870 @ 2.93GHz	5324	800	60.51	\$87.99
Intel Core i7-870S @ 2.67GHz	4849	888	NA	NA
Intel Core i7-875K @ 2.93GHz	5405	783	15.59	\$346.78*
Intel Core i7-880 @ 3.07GHz	5505	768	9.44	\$583.00*
Intel Core i7-920 @ 2.67GHz	4914	874	126.02	\$39.00
Intel Core i7-920XM @ 2.00GHz	3727	1118	9.32	\$399.95*
Intel Core i7-930 @ 2.80GHz	5133	825	42.18	\$121.71
Intel Core i7-940 @ 2.93GHz	5336	798	51.32	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3967	1056	NA	NA
Intel Core i7-950 @ 3.07GHz	5540	762	26.51	\$209.00*
Intel Core i7-960 @ 3.20GHz	5801	731	22.08	\$262.73
Intel Core i7-965 @ 3.20GHz	5854	725	5.80	\$1,008.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-970 @ 3.20GHz	8351	476	16.71	\$499.95*
Intel Core i7-975 @ 3.33GHz	6121	699	14.75	\$414.90*
Intel Core i7-980 @ 3.33GHz	8642	455	43.22	\$199.98*
Intel Core i7-980X @ 3.33GHz	8743	444	9.61	\$909.99*
Intel Core i7-985 @ 3.47GHz	6641	649	NA	NA
Intel Core i7-990X @ 3.47GHz	9049	412	25.86	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	344	NA	NA
Intel Core i7-2600 @ 3.40GHz	8186	490	58.89	\$139.00
Intel Core i7-2600K @ 3.40GHz	8422	468	47.05	\$179.00
Intel Core i7-2600S @ 2.80GHz	7091	602	37.32	\$189.99
Intel Core i7-2610UE @ 1.50GHz	2481	1505	NA	NA
Intel Core i7-2617M @ 1.50GHz	2824	1385	NA	NA
Intel Core i7-2620M @ 2.70GHz	3842	1084	22.63	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5524	765	24.02	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1461	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5468	774	NA	NA
Intel Core i7-2637M @ 1.70GHz	2910	1354	NA	NA
Intel Core i7-2640M @ 2.80GHz	3921	1071	26.01	\$150.78*
Intel Core i7-2655LE @ 2.20GHz	3196	1255	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5881	723	42.49	\$138.40
Intel Core i7-2675QM @ 2.20GHz	5534	763	NA	NA
Intel Core i7-2677M @ 1.80GHz	2826	1383	NA	NA
Intel Core i7-2700K @ 3.50GHz	8683	452	26.65	\$325.90
Intel Core i7-2710QE @ 2.10GHz	5768	735	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	792	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6111	701	32.18	\$189.95
Intel Core i7-2760QM @ 2.40GHz	6559	655	31.24	\$209.95*
Intel Core i7-2820QM @ 2.30GHz	6642	648	34.77	\$191.02*
Intel Core i7-2840QM @ 2.40GHz	6766	634	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6966	612	12.88	\$541.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2920XM @ 2.50GHz	7050	606	16.01	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	592	17.62	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3582	1149	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3376	1207	NA	NA
Intel Core i7-3520M @ 2.90GHz	4545	945	19.34	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3844	1083	NA	NA
Intel Core i7-3540M @ 3.00GHz	4661	915	10.84	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1057	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	656	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7459	563	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	643	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6817	629	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	564	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7383	575	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7580	553	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6932	619	29.12	\$238.05*
Intel Core i7-3635QM @ 2.40GHz	6664	646	NA	NA
Intel Core i7-3667U @ 2.00GHz	3998	1048	NA	NA
Intel Core i7-3687U @ 2.10GHz	4187	1016	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3689Y @ 1.50GHz	3220	1249	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8120	500	22.37	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	8315	479	34.66	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9280	389	48.20	\$192.53
Intel Core i7-3770K @ 3.50GHz	9507	367	18.64	\$509.95
Intel Core i7-3770S @ 3.10GHz	8892	432	21.69	\$409.99*
Intel Core i7-3770T @ 2.50GHz	8208	487	24.87	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8989	421	21.41	\$419.97
Intel Core i7-3820QM @ 2.70GHz	8410	469	29.51	\$285.00*
Intel Core i7-3840QM @ 2.80GHz	8772	442	30.26	\$289.95*
Intel Core i7-3920XM @ 2.90GHz	9169	399	8.37	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11979	236	23.73	\$504.85*
Intel Core i7-3940XM @ 3.00GHz	9221	394	17.11	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12584	220	13.11	\$959.78*
Intel Core i7-3970X @ 3.50GHz	12679	217	30.93	\$409.94
Intel Core i7-4500U @ 1.80GHz	3791	1099	NA	NA
Intel Core i7-4510U @ 2.00GHz	3923	1070	NA	NA
Intel Core i7-4550U @ 1.50GHz	3717	1120	NA	NA
Intel Core i7-4558U @ 2.80GHz	4397	975	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	988	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	899	NA	NA
Intel Core i7-4600M @ 2.90GHz	4900	876	NA	NA
Intel Core i7-4600U @ 2.10GHz	4093	1033	NA	NA
Intel Core i7-4610M @ 3.00GHz	4910	875	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1113	NA	NA
Intel Core i7-4650U @ 1.70GHz	3961	1062	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	594	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7726	538	20.17	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7684	543	40.66	\$189.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4702HQ @ 2.20GHz	7424	570	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7129	599	21.15	\$337.04*
Intel Core i7-4710HQ @ 2.50GHz	7722	540	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7981	516	29.39	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7523	557	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7205	593	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7996	514	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8067	502	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8197	488	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8735	445	NA	NA
Intel Core i7-4765T @ 2.00GHz	7302	585	18.26	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9778	347	122.25	\$79.99
Intel Core i7-4770HQ @ 2.20GHz	8953	426	NA	NA
Intel Core i7-4770K @ 3.50GHz	10075	317	29.03	\$347.01
Intel Core i7-4770R @ 3.20GHz	9822	341	NA	NA
Intel Core i7-4770S @ 3.10GHz	9348	383	37.39	\$249.99*
Intel Core i7-4770T @ 2.50GHz	8587	458	21.47	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	639	NA	NA
Intel Core i7-4771 @ 3.50GHz	9865	337	16.17	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7630	551	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4790 @ 3.60GHz	9987	326	47.82	\$208.84
Intel Core i7-4790K @ 4.00GHz	11171	256	36.15	\$309.00
Intel Core i7-4790S @ 3.20GHz	9586	361	21.00	\$456.53
Intel Core i7-4790T @ 2.70GHz	9068	409	25.26	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8446	466	16.56	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8653	454	45.56	\$189.95*
Intel Core i7-4820K @ 3.70GHz	9714	355	44.16	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9051	411	20.86	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7847	525	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9271	391	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9352	382	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8974	423	15.30	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9332	385	20.29	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13010	207	26.79	\$485.68
Intel Core i7-4930MX @ 3.00GHz	9476	373	8.65	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9921	331	13.97	\$709.95
Intel Core i7-4960HQ @ 2.60GHz	9828	340	15.78	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13796	186	17.92	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10287	299	NA	NA
Intel Core i7-5500U @ 2.40GHz	3976	1054	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1082	NA	NA
Intel Core i7-5557U @ 3.10GHz	4948	867	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4317	993	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	1009	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	492	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	482	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8354	475	NA	NA
Intel Core i7-5775C @ 3.30GHz	10976	265	15.99	\$686.32*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5775R @ 3.30GHz	10868	271	NA	NA
Intel Core i7-5820K @ 3.30GHz	12976	208	44.90	\$289.00
Intel Core i7-5850EQ @ 2.70GHz	9817	342	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	375	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13621	193	15.45	\$881.89*
Intel Core i7-5950HQ @ 2.90GHz	10850	272	NA	NA
Intel Core i7-5960X @ 3.00GHz	15944	128	16.61	\$959.99*
Intel Core i7-6498DU @ 2.50GHz	4538	948	NA	NA
Intel Core i7-6500U @ 2.50GHz	4430	968	11.27	\$393.00*
Intel Core i7-6560U @ 2.20GHz	4813	890	NA	NA
Intel Core i7-6567U @ 3.30GHz	5615	754	NA	NA
Intel Core i7-6600U @ 2.60GHz	4804	893	NA	NA
Intel Core i7-6650U @ 2.20GHz	4970	863	NA	NA
Intel Core i7-6700 @ 3.40GHz	10003	323	29.86	\$334.99
Intel Core i7-6700HQ @ 2.60GHz	8133	497	21.52	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11108	257	27.90	\$398.20
Intel Core i7-6700T @ 2.80GHz	9020	419	30.07	\$300.00*
Intel Core i7-6700TE @ 2.40GHz	8674	453	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9728	351	9.71	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13569	195	42.04	\$322.77
Intel Core i7-6820EQ @ 2.80GHz	8563	459	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6820HK @ 2.70GHz	9109	405	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8767	443	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	665	NA	NA
Intel Core i7-6850K @ 3.60GHz	14371	166	24.03	\$598.00
Intel Core i7-6900K @ 3.20GHz	17655	90	22.12	\$798.00
Intel Core i7-6920HQ @ 2.90GHz	9564	364	16.84	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19940	59	14.16	\$1,408.00
Intel Core i7-7500U @ 2.70GHz	5154	823	NA	NA
Intel Core i7-7560U @ 2.40GHz	5846	728	NA	NA
Intel Core i7-7567U @ 3.50GHz	6492	661	NA	NA
Intel Core i7-7600U @ 2.80GHz	5093	829	NA	NA
Intel Core i7-7660U @ 2.50GHz	6008	711	NA	NA
Intel Core i7-7700 @ 3.60GHz	10727	276	32.96	\$325.49
Intel Core i7-7700HQ @ 2.80GHz	8799	440	NA	NA
Intel Core i7-7700K @ 4.20GHz	12033	235	33.99	\$354.00
Intel Core i7-7700T @ 2.90GHz	9280	390	25.43	\$365.00
Intel Core i7-7740X @ 4.30GHz	12293	227	35.35	\$347.80
Intel Core i7-7800X @ 3.50GHz	14627	158	36.57	\$399.99
Intel Core i7-7820HK @ 2.90GHz	9981	328	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9247	392	24.46	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18489	81	30.63	\$603.63*
Intel Core i7-7900X @ 3.30GHz	20406	55	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9986	327	NA	NA
Intel Core i7-8086K @ 4.00GHz	16693	104	30.19	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3920	1072	9.98	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8289	480	NA	NA
Intel Core i7-8559U @ 2.70GHz	12376	223	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<a href="#">Intel Core i7-8565U @ 1.80GHz</a>	8959	424	NA	NA
<a href="#">Intel Core i7-8650U @ 1.90GHz</a>	8779	441	NA	NA
<a href="#">Intel Core i7-8665U @ 1.90GHz</a>	8942	429	21.86	\$409.00*
<a href="#">Intel Core i7-8700 @ 3.20GHz</a>	15157	146	50.53	\$299.99
<a href="#">Intel Core i7-8700B @ 3.20GHz</a>	14633	157	48.30	\$303.00*
<a href="#">Intel Core i7-8700K @ 3.70GHz</a>	15960	127	45.60	\$349.99
<a href="#">Intel Core i7-8700T @ 2.40GHz</a>	12713	215	37.95	\$334.99
<a href="#">Intel Core i7-8705G @ 3.10GHz</a>	9885	335	7.02	\$1,408.75*
<a href="#">Intel Core i7-8706G @ 3.10GHz</a>	10494	288	NA	NA
<a href="#">Intel Core i7-8709G @ 3.10GHz</a>	9780	346	NA	NA
<a href="#">Intel Core i7-8750H @ 2.20GHz</a>	12459	222	31.54	\$395.00*
<a href="#">Intel Core i7-8809G @ 3.10GHz</a>	11030	261	NA	NA
<a href="#">Intel Core i7-8850H @ 2.60GHz</a>	13060	206	33.07	\$395.00*
<a href="#">Intel Core i7-9700 @ 3.00GHz</a>	15719	135	47.64	\$329.99
<a href="#">Intel Core i7-9700F @ 3.00GHz</a>	15566	138	41.00	\$379.68
<a href="#">Intel Core i7-9700K @ 3.60GHz</a>	17187	96	49.11	\$349.99
<a href="#">Intel Core i7-9700KF @ 3.60GHz</a>	17119	98	45.05	\$379.99
<a href="#">Intel Core i7-9750H @ 2.60GHz</a>	13774	187	NA	NA
<a href="#">Intel Core i7-9800X @ 3.80GHz</a>	19741	64	30.38	\$649.90
<a href="#">Intel Core i7-9850H @ 2.60GHz</a>	14416	164	36.50	\$395.00*
<a href="#">Intel Core i9-7900X @ 3.30GHz</a>	21892	37	23.04	\$949.99
<a href="#">Intel Core i9-7920X @ 2.90GHz</a>	23399	29	24.12	\$969.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<a href="#">Intel Core i9-7940X @ 3.10GHz</a>	25381	17	19.52	\$1,299.99
<a href="#">Intel Core i9-7960X @ 2.80GHz</a>	25998	13	18.57	\$1,399.99*
<a href="#">Intel Core i9-7980XE @ 2.60GHz</a>	27855	8	15.45	\$1,802.63
<a href="#">Intel Core i9-8950HK @ 2.90GHz</a>	14269	169	24.48	\$583.00*
<a href="#">Intel Core i9-9820X @ 3.30GHz</a>	21561	42	28.00	\$769.99
<a href="#">Intel Core i9-9880H @ 2.30GHz</a>	17063	100	30.69	\$556.00*
<a href="#">Intel Core i9-9900 @ 3.10GHz</a>	19296	71	43.86	\$439.99
<a href="#">Intel Core i9-9900K @ 3.60GHz</a>	20219	57	41.69	\$484.99
<a href="#">Intel Core i9-9900KF @ 3.60GHz</a>	20767	52	47.20	\$439.99
<a href="#">Intel Core i9-9900X @ 3.50GHz</a>	23027	31	23.74	\$969.99
<a href="#">Intel Core i9-9920X @ 3.50GHz</a>	25563	15	21.30	\$1,199.99
<a href="#">Intel Core i9-9940X @ 3.30GHz</a>	27350	10	20.13	\$1,358.83
<a href="#">Intel Core i9-9960X @ 3.10GHz</a>	27881	7	16.41	\$1,699.00
<a href="#">Intel Core i9-9980HK @ 2.40GHz</a>	17455	92	29.94	\$583.00*
<a href="#">Intel Core i9-9980XE @ 3.00GHz</a>	29716	3	14.87	\$1,999.00
<a href="#">Intel Core m3-6Y30 @ 0.90GHz</a>	3051	1308	10.86	\$281.00*
<a href="#">Intel Core m3-7Y30 @ 1.00GHz</a>	3557	1156	NA	NA
<a href="#">Intel Core m3-7Y32 @ 1.10GHz</a>	3318	1220	NA	NA
<a href="#">Intel Core m3-8100Y @ 1.10GHz</a>	3562	1155	12.68	\$281.00*
<a href="#">Intel Core m5-6Y54 @ 1.10GHz</a>	3372	1208	NA	NA
<a href="#">Intel Core m5-6Y57 @ 1.10GHz</a>	3252	1238	NA	NA
<a href="#">Intel Core m7-6Y75 @ 1.20GHz</a>	3465	1182	NA	NA
<a href="#">Intel Core M-5Y10 @ 0.80GHz</a>	2702	1425	NA	NA
<a href="#">Intel Core M-5Y10a @ 0.80GHz</a>	2387	1536	NA	NA
<a href="#">Intel Core M-5Y10c @ 0.80GHz</a>	2819	1387	10.03	\$281.00*
<a href="#">Intel Core M-5Y31 @ 0.90GHz</a>	2832	1379	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core M-5Y51 @ 1.10GHz	2483	1504	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3018	1314	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2975	1330	10.59	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2607	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2600	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2517	NA	NA
Intel Core Solo U1300 @ 1.06GHz	273	2760	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2754	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2675	NA	NA
Intel E3000 @ 3.40GHz	2767	1402	NA	NA
Intel Pentium 4 1.40GHz	164	2861	NA	NA
Intel Pentium 4 1.50GHz	131	2878	NA	NA
Intel Pentium 4 1.60GHz	129	2880	NA	NA
Intel Pentium 4 1.70GHz	132	2877	NA	NA
Intel Pentium 4 1.80GHz	161	2864	NA	NA
Intel Pentium 4 1.90GHz	159	2865	NA	NA
Intel Pentium 4 2.00GHz	189	2843	NA	NA
Intel Pentium 4 2.20GHz	209	2825	NA	NA
Intel Pentium 4 2.26GHz	221	2813	NA	NA
Intel Pentium 4 2.40GHz	228	2807	NA	NA
Intel Pentium 4 2.50GHz	245	2791	NA	NA
Intel Pentium 4 2.53GHz	248	2787	NA	NA
Intel Pentium 4 2.60GHz	288	2733	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.66GHz	254	2779	NA	NA
Intel Pentium 4 2.80GHz	322	2681	NA	NA
Intel Pentium 4 2.93GHz	299	2715	NA	NA
Intel Pentium 4 3.00GHz	353	2653	NA	NA
Intel Pentium 4 3.06GHz	346	2657	NA	NA
Intel Pentium 4 3.20GHz	373	2626	NA	NA
Intel Pentium 4 3.40GHz	395	2602	NA	NA
Intel Pentium 4 3.46GHz	454	2535	NA	NA
Intel Pentium 4 3.60GHz	487	2498	NA	NA
Intel Pentium 4 3.73GHz	486	2499	NA	NA
Intel Pentium 4 3.80GHz	485	2501	NA	NA
Intel Pentium 4 3.83GHz	195	2838	NA	NA
Intel Pentium 4 4.00GHz	184	2848	NA	NA
Intel Pentium 4 1300MHz	119	2884	NA	NA
Intel Pentium 4 1400MHz	127	2881	NA	NA
Intel Pentium 4 1500MHz	125	2882	NA	NA
Intel Pentium 4 1600MHz	193	2842	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2868	NA	NA
Intel Pentium 4 1800MHz	162	2863	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2871	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2837	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2854	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2826	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2857	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2824	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 Mobile 2.00GHz	202	2833	NA	NA
Intel Pentium 5 2.66GHz	705	2376	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2162	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1157	2128	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2135	NA	NA
Intel Pentium 987 @ 1.50GHz	1230	2087	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	1989	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1412	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1315	NA	NA
Intel Pentium 2020M @ 2.40GHz	2273	1582	16.97	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2411	1525	18.00	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1654	1873	12.35	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1818	1787	13.57	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1062	2180	7.93	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2277	1576	NA	NA
Intel Pentium 3556U @ 1.70GHz	1696	1846	NA	NA
Intel Pentium 3558U @ 1.70GHz	1681	1854	NA	NA
Intel Pentium 3560M @ 2.40GHz	2270	1585	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2066	NA	NA
Intel Pentium 3805U @ 1.90GHz	1982	1701	NA	NA
Intel Pentium 3825U @ 1.90GHz	2519	1488	NA	NA
Intel Pentium 4405U @ 2.10GHz	2931	1346	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1670	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2050	1674	12.73	\$161.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4415U @ 2.30GHz	3151	1277	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2229	1603	13.85	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3359	1212	20.87	\$161.00*
Intel Pentium 5405U @ 2.30GHz	3177	1260	19.74	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1899	NA	NA
Intel Pentium B940 @ 2.00GHz	1727	1823	57.69	\$29.94*
Intel Pentium B950 @ 2.10GHz	1719	1825	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1767	37.82	\$48.99*
Intel Pentium B970 @ 2.30GHz	1954	1713	38.34	\$50.99*
Intel Pentium B980 @ 2.40GHz	2025	1682	28.96	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1095	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	529	2465	NA	NA
Intel Pentium D 830 @ 3.00GHz	641	2409	NA	NA
Intel Pentium D 915 @ 2.80GHz	583	2436	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2372	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2360	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2331	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2298	5.51	\$157.95*
Intel Pentium E2160 @ 1.80GHz	998	2219	8.50	\$117.50
Intel Pentium E2180 @ 2.00GHz	1088	2166	36.29	\$29.99
Intel Pentium E2200 @ 2.20GHz	1203	2101	16.04	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2115	NA	NA
Intel Pentium E2220 @ 2.40GHz	1329	2027	8.42	\$157.95*
Intel Pentium E5200 @ 2.50GHz	1486	1952	16.53	\$89.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E5300 @ 2.60GHz	1538	1926	66.90	\$22.99
Intel Pentium E5400 @ 2.70GHz	1599	1903	80.02	\$19.99*
Intel Pentium E5500 @ 2.80GHz	1636	1882	82.03	\$19.95*
Intel Pentium E5700 @ 3.00GHz	1735	1820	115.78	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1891	1749	63.08	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1705	1840	165.54	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1764	1803	11.17	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1861	1765	18.61	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1933	1724	113.82	\$16.99*
Intel Pentium E6800 @ 3.33GHz	1988	1698	22.34	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2283	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2245	NA	NA
Intel Pentium G620 @ 2.60GHz	2293	1568	91.76	\$24.99*
Intel Pentium G620T @ 2.20GHz	2033	1679	25.42	\$79.99*
Intel Pentium G630 @ 2.70GHz	2370	1542	23.71	\$100.00
Intel Pentium G630T @ 2.30GHz	2089	1655	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2522	1486	16.82	\$150.00
Intel Pentium G640T @ 2.40GHz	1979	1702	NA	NA
Intel Pentium G645 @ 2.90GHz	2590	1460	16.19	\$160.00*
Intel Pentium G645T @ 2.50GHz	2255	1590	NA	NA
Intel Pentium G840 @ 2.80GHz	2561	1470	73.21	\$34.99*
Intel Pentium G850 @ 2.90GHz	2667	1435	22.46	\$118.77
Intel Pentium G860 @ 3.00GHz	2741	1414	33.03	\$82.99
Intel Pentium G870 @ 3.10GHz	2816	1388	29.03	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2594	1456	74.36	\$34.89*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2020 @ 2.90GHz	2756	1409	45.98	\$59.95
Intel Pentium G2020T @ 2.50GHz	2418	1522	50.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2869	1372	71.74	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2487	1501	38.86	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1406	NA	NA
Intel Pentium G2120 @ 3.10GHz	3080	1297	19.31	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3198	1252	63.99	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3384	1203	41.28	\$82.00
Intel Pentium G3220 @ 3.00GHz	3127	1281	27.51	\$113.66
Intel Pentium G3220T @ 2.60GHz	2555	1472	36.52	\$69.99*
Intel Pentium G3240 @ 3.10GHz	3158	1275	28.83	\$109.55*
Intel Pentium G3240T @ 2.70GHz	2840	1376	NA	NA
Intel Pentium G3250 @ 3.20GHz	3243	1241	29.48	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2971	1333	33.02	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3870	1077	25.30	\$152.98
Intel Pentium G3260 @ 3.30GHz	3359	1211	24.00	\$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1347	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1533	NA	NA
Intel Pentium G3420 @ 3.20GHz	3397	1197	27.94	\$121.59
Intel Pentium G3420T @ 2.70GHz	3008	1321	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1199	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3314	1221	20.72	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1289	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3450 @ 3.40GHz	3700	1124	37.01	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1335	NA	NA
Intel Pentium G3460 @ 3.50GHz	3582	1150	12.43	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3704	1123	35.53	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3541	1161	32.22	\$109.93
Intel Pentium G4400T @ 2.90GHz	3176	1261	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1370	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3794	1098	40.79	\$93.04
Intel Pentium G4500T @ 3.00GHz	3471	1179	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1018	40.24	\$103.99*
Intel Pentium G4560 @ 3.50GHz	4864	883	52.93	\$91.91
Intel Pentium G4560T @ 2.90GHz	3990	1052	36.28	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5076	835	21.16	\$239.95
Intel Pentium G4600T @ 3.00GHz	4266	1001	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5210	813	45.84	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1859	1766	46.49	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1633	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2059	1671	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5196	816	72.69	\$71.48
Intel Pentium Gold G5400T @ 3.10GHz	5048	844	78.89	\$64.00*
Intel Pentium Gold G5420 @ 3.80GHz	5518	767	86.22	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5195	817	30.57	\$169.94
Intel Pentium Gold G5500T @ 3.20GHz	4346	985	57.95	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5660	749	52.05	\$108.75*
Intel Pentium III 933S @ 933MHz	238	2800	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2738	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III 1200 @ 1200MHz	278	2753	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2698	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2718	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2714	NA	NA
Intel Pentium III Mobile 750MHz	103	2887	NA	NA
Intel Pentium III Mobile 800MHz	182	2851	NA	NA
Intel Pentium III Mobile 866MHz	152	2869	NA	NA
Intel Pentium III Mobile 933MHz	218	2815	7.55	\$28.99*
Intel Pentium III Mobile 1000MHz	245	2790	NA	NA
Intel Pentium III Mobile 1066MHz	246	2789	NA	NA
Intel Pentium III Mobile 1133MHz	251	2783	NA	NA
Intel Pentium III Mobile 1200MHz	240	2797	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1777	NA	NA
Intel Pentium J2900 @ 2.41GHz	1956	1710	NA	NA
Intel Pentium J3710 @ 1.60GHz	1912	1736	NA	NA
Intel Pentium J4205 @ 1.50GHz	2257	1589	NA	NA
Intel Pentium M 1.10GHz	282	2744	NA	NA
Intel Pentium M 1.20GHz	298	2716	NA	NA
Intel Pentium M 1.30GHz	301	2708	NA	NA
Intel Pentium M 1.40GHz	345	2660	NA	NA
Intel Pentium M 1.50GHz	367	2636	NA	NA
Intel Pentium M 1.60GHz	364	2640	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1.70GHz	406	2584	NA	NA
Intel Pentium M 1.73GHz	413	2574	NA	NA
Intel Pentium M 1.80GHz	411	2577	NA	NA
Intel Pentium M 1.86GHz	439	2552	NA	NA
Intel Pentium M 2.00GHz	461	2527	NA	NA
Intel Pentium M 2.10GHz	448	2540	NA	NA
Intel Pentium M 2.13GHz	502	2487	NA	NA
Intel Pentium M 2.26GHz	509	2483	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2506	NA	NA
Intel Pentium M 900MHz	217	2819	NA	NA
Intel Pentium M 1000MHz	233	2803	NA	NA
Intel Pentium M 1100MHz	259	2775	NA	NA
Intel Pentium M 1200MHz	237	2801	NA	NA
Intel Pentium M 1300MHz	303	2702	NA	NA
Intel Pentium M 1400MHz	320	2683	NA	NA
Intel Pentium M 1500MHz	354	2650	NA	NA
Intel Pentium M 1600MHz	335	2671	NA	NA
Intel Pentium M 1700MHz	376	2622	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1934	NA	NA
Intel Pentium N3520 @ 2.16GHz	1789	1796	NA	NA
Intel Pentium N3530 @ 2.16GHz	1894	1746	NA	NA
Intel Pentium N3540 @ 2.16GHz	1925	1727	7.67	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1831	1780	4.12	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1865	1762	NA	NA
Intel Pentium N4200 @ 1.10GHz	2029	1680	9.27	\$219.02
Intel Pentium P6000 @ 1.87GHz	1243	2081	NA	NA
Intel Pentium P6100 @ 2.00GHz	1325	2028	46.62	\$28.44
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium P6200 @ 2.13GHz	1349	2015	30.03	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1998	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2909	1356	13.23	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2433	1516	15.11	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2585	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2308	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2313	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2396	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2378	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2373	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2362	NA	NA
Intel Pentium T2330 @ 1.60GHz	831	2319	NA	NA
Intel Pentium T2370 @ 1.73GHz	846	2312	24.19	\$35.00*
Intel Pentium T2390 @ 1.86GHz	946	2261	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2233	NA	NA
Intel Pentium T3200 @ 2.00GHz	1033	2196	86.14	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1113	2148	12.38	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1151	2132	95.94	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1231	2086	NA	NA
Intel Pentium T4400 @ 2.20GHz	1283	2055	NA	NA
Intel Pentium T4500 @ 2.30GHz	1334	2025	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium U5400 @ 1.20GHz	814	2326	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2254	NA	NA
Intel T1200 @ 1.50GHz	435	2558	NA	NA
Intel T1400 @ 1.73GHz	929	2267	NA	NA
Intel T1500 @ 1.86GHz	953	2253	NA	NA
Intel T2050 @ 2.00GHz	959	2249	NA	NA
Intel Xeon 2.00GHz	233	2802	NA	NA
Intel XEON 2.20GHz	252	2781	NA	NA
Intel Xeon 2.40GHz	276	2756	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2557	NA	NA
Intel Xeon 2.80GHz	400	2597	NA	NA
Intel Xeon 3.00GHz	391	2610	NA	NA
Intel Xeon 3.06GHz	491	2493	NA	NA
Intel Xeon 3.20GHz	461	2528	NA	NA
Intel Xeon 3.40GHz	478	2510	NA	NA
Intel Xeon 3.60GHz	509	2482	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2192	NA	NA
Intel Xeon 3.80GHz	604	2425	0.71	\$851.00*
Intel Xeon 1500MHz	193	2841	NA	NA
Intel Xeon 3040 @ 1.86GHz	1278	2059	51.05	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2039	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1935	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1933	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1798	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1775	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1914	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2175	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	2079	0.77	\$1,619.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 5130 @ 2.00GHz	1366	2004	43.44	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1904	NA	NA
Intel Xeon 5140 @ 2.33GHz	1644	1875	35.00	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1910	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1752	1812	12.52	\$139.95*
Intel Xeon 5160 @ 3.00GHz	1963	1709	52.37	\$37.49*
Intel Xeon @ 2.00GHz	11327	251	NA	NA
Intel Xeon @ 2.20GHz	1902	1741	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5664	748	23.80	\$237.99
Intel Xeon Bronze 3106 @ 1.70GHz	6890	623	20.88	\$329.99
Intel Xeon D-1518 @ 2.20GHz	5322	801	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	737	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	610	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	486	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	350	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	537	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	283	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11064	259	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	279	19.24	\$555.00*
Intel Xeon D-1559 @ 1.50GHz	8055	505	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1567 @ 2.10GHz	14482	163	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	175	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	496	38.22	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	210	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	184	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18627	78	10.56	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6088	705	110.71	\$54.99
Intel Xeon E3-1220 V2 @ 3.10GHz	6706	644	91.88	\$72.99
Intel Xeon E3-1220 v3 @ 3.10GHz	7163	596	33.32	\$214.99
Intel Xeon E3-1220 v5 @ 3.00GHz	7787	535	29.23	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7790	534	39.15	\$199.00
Intel Xeon E3-1220L @ 2.20GHz	3563	1154	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	970	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1649	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5889	721	81.81	\$71.99
Intel Xeon E3-1225 V2 @ 3.20GHz	6936	617	79.74	\$86.99
Intel Xeon E3-1225 v3 @ 3.20GHz	7243	590	24.98	\$289.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7820	528	29.18	\$268.04*
Intel Xeon E3-1225 v6 @ 3.30GHz	8156	493	34.71	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7559	555	12.70	\$595.00*
Intel Xeon E3-1230 @ 3.20GHz	7829	526	57.58	\$135.99
Intel Xeon E3-1230 V2 @ 3.30GHz	8856	436	152.69	\$58.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9326	386	29.05	\$320.99
Intel Xeon E3-1230 v5 @ 3.40GHz	9725	353	34.74	\$279.99
Intel Xeon E3-1230 v6 @ 3.50GHz	9847	339	36.47	\$269.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	591	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9624	360	18.87	\$509.95
Intel Xeon E3-1235 @ 3.20GHz	7680	545	31.48	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	663	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1240 @ 3.30GHz	7962	517	66.36	\$119.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9139	400	56.42	\$161.99
Intel Xeon E3-1240 v3 @ 3.40GHz	9662	358	25.14	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10371	295	30.36	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10458	291	36.30	\$288.10
Intel Xeon E3-1240L v3 @ 2.00GHz	7513	558	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	532	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10019	319	27.08	\$369.99
Intel Xeon E3-1245 @ 3.30GHz	7997	513	76.17	\$104.99
Intel Xeon E3-1245 V2 @ 3.40GHz	9119	402	51.53	\$176.99
Intel Xeon E3-1245 v3 @ 3.40GHz	9572	362	30.98	\$309.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10181	305	29.48	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10543	284	34.01	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9859	338	24.11	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6534	659	76.32	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	301	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	6038	709	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7428	567	24.36	\$305.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9216	396	12.98	\$709.95



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	410	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	524	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	448	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	483	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9462	374	33.53	\$282.22
Intel Xeon E3-1270 v3 @ 3.50GHz	9919	332	49.60	\$199.99
Intel Xeon E3-1270 v5 @ 3.60GHz	10292	298	20.79	\$494.99
Intel Xeon E3-1270 v6 @ 3.80GHz	11184	255	33.03	\$338.61
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	278	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10091	314	11.36	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8215	485	27.03	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9447	378	23.93	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	9915	333	24.73	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10366	296	18.75	\$553.00*
Intel Xeon E3-1275 v6 @ 3.80GHz	11016	263	30.28	\$363.87
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	431	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10204	303	9.51	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8465	464	23.01	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9447	376	11.00	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9769	348	14.01	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	280	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11463	248	26.11	\$438.99
Intel Xeon E3-1281 v3 @ 3.70GHz	10276	300	11.71	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	289	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	287	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	237	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	329	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	266	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	334	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	369	12.27	\$774.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1290 @ 3.60GHz	8699	447	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	356	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	674	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8934	430	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9720	354	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10093	313	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9334	384	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10577	282	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10443	292	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10625	281	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	275	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	308	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	583	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	566	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5580	758	21.25	\$262.59*
Intel Xeon E5-1603 v3 @ 2.80GHz	6186	689	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6424	666	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5886	722	210.60	\$27.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1607 v2 @ 3.00GHz	6217	687	177.91	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	6978	611	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7256	587	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9031	416	27.38	\$329.93*
Intel Xeon E5-1620 v2 @ 3.70GHz	9488	371	163.62	\$57.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9760	349	61.01	\$159.99
Intel Xeon E5-1620 v4 @ 3.50GHz	9925	330	31.31	\$316.99
Intel Xeon E5-1630 v3 @ 3.70GHz	10214	302	17.09	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10296	297	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11718	243	23.67	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12721	214	106.06	\$119.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13620	194	72.07	\$189.00
Intel Xeon E5-1650 v4 @ 3.60GHz	14218	171	22.43	\$633.99
Intel Xeon E5-1660 @ 3.30GHz	12360	224	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13808	185	7.63	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14613	159	9.04	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16203	119	13.18	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16222	118	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16389	112	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	99	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	84	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1167	23.65	\$149.00
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1191	94.99	\$35.99*
Intel Xeon E5-2407 @ 2.20GHz	4188	1015	12.50	\$335.00*
Intel Xeon E5-2407 v2 @ 2.40GHz	4498	955	9.44	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	815	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	607	18.06	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8691	450	279.27	\$31.12
Intel Xeon E5-2430 @ 2.20GHz	6878	625	181.01	\$38.00
Intel Xeon E5-2430 v2 @ 2.50GHz	8991	420	29.00	\$310.00
Intel Xeon E5-2430L @ 2.00GHz	7269	586	225.19	\$32.28*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	650	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	398	223.98	\$40.98
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	388	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	425	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10108	312	97.20	\$103.99
Intel Xeon E5-2450L @ 1.80GHz	8261	481	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	10061	318	110.05	\$91.43
Intel Xeon E5-2470 v2 @ 2.40GHz	11268	253	66.67	\$169.03
Intel Xeon E5-2603 @ 1.80GHz	3580	1151	143.58	\$24.94*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1105	94.18	\$39.99
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	822	107.94	\$47.99
Intel Xeon E5-2603 v4 @ 1.70GHz	5431	779	23.62	\$229.99
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	522	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4616	927	104.94	\$43.99
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	824	103.01	\$49.99
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	720	14.79	\$399.00*
Intel Xeon E5-2609 v4 @ 1.70GHz	6905	622	21.58	\$319.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	232	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	161	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7902	519	494.80	\$15.97
Intel Xeon E5-2620 v2 @ 2.10GHz	8691	449	54.47	\$159.56
Intel Xeon E5-2620 v3 @ 2.40GHz	10011	321	62.97	\$159.00
Intel Xeon E5-2620 v4 @ 2.10GHz	11354	250	30.44	\$372.98
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	422	33.29	\$269.99
Intel Xeon E5-2623 v4 @ 2.60GHz	8506	461	15.50	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	380	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	226	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	205	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	262	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8860	435	92.30	\$95.99
Intel Xeon E5-2630 v2 @ 2.60GHz	10390	293	256.80	\$40.46
Intel Xeon E5-2630 v3 @ 2.40GHz	12794	211	94.77	\$135.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13908	180	21.07	\$659.99
Intel Xeon E5-2630L @ 2.00GHz	7865	521	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	408	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	352	28.62	\$339.95*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	209	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9447	377	99.46	\$94.99
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	310	7.81	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	286	9.82	\$1,069.95
Intel Xeon E5-2640 @ 2.50GHz	9356	381	98.50	\$94.99
Intel Xeon E5-2640 v2 @ 2.00GHz	10143	307	206.67	\$49.08
Intel Xeon E5-2640 v3 @ 2.60GHz	13885	182	47.67	\$291.29*
Intel Xeon E5-2640 v4 @ 2.40GHz	15380	143	15.58	\$986.99
Intel Xeon E5-2643 @ 3.30GHz	8401	470	47.57	\$176.61
Intel Xeon E5-2643 v2 @ 3.50GHz	13107	204	119.16	\$110.00
Intel Xeon E5-2643 v3 @ 3.40GHz	13887	181	44.94	\$309.00
Intel Xeon E5-2643 v4 @ 3.40GHz	13655	190	8.22	\$1,660.61*
Intel Xeon E5-2648L @ 1.80GHz	7426	569	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	249	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	191	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	156	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10110	311	96.88	\$104.37*
Intel Xeon E5-2650 v2 @ 2.60GHz	13214	201	176.24	\$74.98
Intel Xeon E5-2650 v3 @ 2.30GHz	14844	154	82.48	\$179.99
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	133	13.22	\$1,199.99
Intel Xeon E5-2650L @ 1.80GHz	8332	478	105.47	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	336	131.74	\$75.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	199	11.37	\$1,188.14*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	174	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	252	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	372	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	183	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	117	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	103	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2660 @ 2.20GHz	11060	260	159.17	\$69.49
Intel Xeon E5-2660 v2 @ 2.20GHz	13186	203	70.10	\$188.10
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	120	21.05	\$768.99
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	102	11.25	\$1,499.99*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	177	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11525	246	126.67	\$90.99
Intel Xeon E5-2667 @ 2.90GHz	10372	294	192.04	\$54.01
Intel Xeon E5-2667 v2 @ 3.30GHz	16177	121	44.94	\$359.99
Intel Xeon E5-2667 v3 @ 3.20GHz	16134	122	18.86	\$855.30*
Intel Xeon E5-2667 v4 @ 3.20GHz	16684	105	8.56	\$1,949.03*
Intel Xeon E5-2670 @ 2.60GHz	12114	234	157.51	\$76.91
Intel Xeon E5-2670 v2 @ 2.50GHz	14988	150	71.71	\$209.00
Intel Xeon E5-2670 v3 @ 2.30GHz	16494	108	54.98	\$300.00
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	115	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16383	113	23.41	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	45	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15073	147	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	89	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17290	94	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	18	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12558	221	74.31	\$168.99
Intel Xeon E5-2680 v2 @ 2.80GHz	15895	132	65.99	\$240.86
Intel Xeon E5-2680 v3 @ 2.50GHz	18561	80	53.04	\$349.99
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	60	13.18	\$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	54	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17369	93	34.06	\$509.99
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	76	8.62	\$2,208.93*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	149	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	73	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	62	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14347	167	66.74	\$214.99
Intel Xeon E5-2687W v2 @ 3.40GHz	16477	109	40.29	\$409.00
Intel Xeon E5-2687W v3 @ 3.10GHz	17752	88	30.09	\$589.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2687W v4 @ 3.00GHz	19855	61	9.13	\$2,174.99
Intel Xeon E5-2689 @ 2.60GHz	13516	197	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	63	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13515	198	140.76	\$96.02
Intel Xeon E5-2690 v2 @ 3.00GHz	16445	110	27.92	\$588.99
Intel Xeon E5-2690 v3 @ 2.60GHz	19214	75	52.22	\$367.93
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	47	9.83	\$2,169.99
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	125	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15993	126	63.97	\$250.00
Intel Xeon E5-2695 v3 @ 2.30GHz	19673	67	19.48	\$1,009.99
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	56	7.70	\$2,629.42*
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	107	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	32	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	48	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17224	95	37.53	\$459.00

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	21430	46	46.59	\$459.99
Intel Xeon E5-2697 v4 @ 2.30GHz	21506	44	7.75	\$2,775.99
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	33	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	50	6.15	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	39	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	34	8.92	\$2,509.00*
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	28	3.94	\$5,954.79*
Intel Xeon E5-4603 @ 2.00GHz	5014	856	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	393	NA	NA
Intel Xeon E5-4617 @ 2.90GHz	9029	417	100.44	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	498	60.56	\$134.21*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	162	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	139	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	285	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	216	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	258	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11860	239	124.21	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	241	98.52	\$119.99
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	228	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	130	11.36	\$1,399.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	134	3.30	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	192	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1285	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2157	1628	93.86	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1519	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1598	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1987	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1520	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1587	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1570	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1491	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2907	1357	72.72	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2831	1380	57.79	\$49.00
Intel Xeon E5410 @ 2.33GHz	3261	1233	15.61	\$208.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5420 @ 2.50GHz	3492	1174	13.43	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3762	1108	54.53	\$69.00*
Intel Xeon E5440 @ 2.83GHz	3962	1060	209.09	\$18.95*
Intel Xeon E5450 @ 3.00GHz	4187	1017	14.01	\$298.94*
Intel Xeon E5462 @ 2.80GHz	3871	1076	141.82	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4088	1034	136.11	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	2000	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1381	1996	4.81	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2686	1431	38.41	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2975	1331	47.22	\$63.01*
Intel Xeon E5507 @ 2.27GHz	3125	1282	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4435	966	109.95	\$40.34
Intel Xeon E5530 @ 2.40GHz	4564	939	18.55	\$246.00*
Intel Xeon E5540 @ 2.53GHz	4807	891	81.49	\$59.00*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5603 @ 1.60GHz	2366	1544	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1306	13.95	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3380	1205	15.44	\$219.00*
Intel Xeon E5620 @ 2.40GHz	4802	896	81.42	\$58.99
Intel Xeon E5630 @ 2.53GHz	5081	834	145.17	\$35.00*
Intel Xeon E5640 @ 2.67GHz	5256	807	88.36	\$59.49*
Intel Xeon E5645 @ 2.40GHz	6424	667	59.49	\$107.98*
Intel Xeon E5649 @ 2.53GHz	6936	618	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1523	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	527	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9489	370	43.13	\$219.99
Intel Xeon E-2124G @ 3.40GHz	9816	343	41.09	\$238.89
Intel Xeon E-2126G @ 3.30GHz	13995	176	46.65	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10909	269	39.28	\$277.70
Intel Xeon E-2136 @ 3.30GHz	15914	129	50.37	\$315.99
Intel Xeon E-2144G @ 3.60GHz	11466	247	35.61	\$321.99
Intel Xeon E-2146G @ 3.50GHz	15896	131	44.78	\$354.99
Intel Xeon E-2174G @ 3.80GHz	12262	230	33.35	\$367.65
Intel Xeon E-2176G @ 3.70GHz	15580	137	38.19	\$407.99
Intel Xeon E-2176M @ 2.70GHz	13658	189	30.35	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	16057	124	30.59	\$524.99
Intel Xeon E-2186M @ 2.90GHz	14600	160	23.44	\$623.00*
Intel Xeon E-2224G @ 3.50GHz	10008	322	45.91	\$218.00*
Intel Xeon E-2276M @ 2.80GHz	13967	179	31.04	\$450.00*
Intel Xeon E-2286M @ 2.40GHz	17576	91	28.21	\$623.00*
Intel Xeon Gold 5117 @ 2.00GHz	16672	106	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16389	111	12.33	\$1,329.03
Intel Xeon Gold 5120 @ 2.20GHz	16308	116	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	85	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10894	270	8.58	\$1,269.99
Intel Xeon Gold 6126 @ 2.60GHz	19711	65	10.41	\$1,894.17*
Intel Xeon Gold 6128 @ 3.40GHz	14941	152	8.49	\$1,759.75
Intel Xeon Gold 6130 @ 2.10GHz	19277	72	9.89	\$1,949.99
Intel Xeon Gold 6132 @ 2.60GHz	23907	26	10.84	\$2,205.00*
Intel Xeon Gold 6134 @ 3.20GHz	18083	86	7.94	\$2,279.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 6136 @ 3.00GHz	21061	49	8.06	\$2,613.59
Intel Xeon Gold 6138 @ 2.00GHz	25774	14	10.27	\$2,509.00
Intel Xeon Gold 6140 @ 2.30GHz	23964	25	9.82	\$2,439.99
Intel Xeon Gold 6144 @ 3.50GHz	19654	68	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	20	6.31	\$3,982.51*
Intel Xeon Gold 6148 @ 2.40GHz	26660	12	8.19	\$3,253.99
Intel Xeon Gold 6152 @ 2.10GHz	23498	27	6.18	\$3,799.99
Intel Xeon Gold 6154 @ 3.00GHz	27722	9	7.78	\$3,561.78
Intel Xeon Gold 6230 @ 2.10GHz	24600	21	12.21	\$2,013.99
Intel Xeon L3110 @ 3.00GHz	2273	1581	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1106	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2023	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	1085	8.59	\$447.01*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5238 @ 2.66GHz	1823	1785	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1583	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1578	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1632	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1410	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3014	1316	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1209	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3503	1173	127.39	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3723	1119	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1121	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	976	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	983	225.95	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4369	979	285.56	\$15.30
Intel Xeon L5638 @ 2.00GHz	5556	760	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	626	NA	NA
Intel Xeon L5640 @ 2.27GHz	6278	682	209.50	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1086	NA	NA
Intel Xeon MV 3.20GHz	683	2388	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26835	11	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	616	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	4	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	5	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	6	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	30583	2	3.51	\$8,725.00*
Intel Xeon Silver 4108 @ 1.80GHz	10838	273	24.09	\$449.99
Intel Xeon Silver 4109T @ 2.00GHz	10946	267	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11670	244	28.47	\$409.99
Intel Xeon Silver 4112 @ 2.60GHz	8611	456	16.75	\$513.99
Intel Xeon Silver 4114 @ 2.20GHz	14282	168	21.14	\$675.76
Intel Xeon Silver 4116 @ 2.10GHz	15397	142	14.66	\$1,049.99
Intel Xeon Silver 4123 @ 3.00GHz	15185	145	NA	NA
Intel Xeon Silver 4215 @ 2.50GHz	15440	140	20.61	\$749.00*
Intel Xeon W3503 @ 2.40GHz	1756	1808	108.30	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1844	1770	74.18	\$24.86*
Intel Xeon W3520 @ 2.67GHz	5057	842	105.36	\$48.00*
Intel Xeon W3530 @ 2.80GHz	5346	796	18.19	\$293.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W3540 @ 2.93GHz	5472	771	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5694	743	189.88	\$29.99*
Intel Xeon W3565 @ 3.20GHz	5939	716	84.91	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6062	707	12.63	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6366	676	29.68	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8121	499	16.24	\$499.99*
Intel Xeon W3680 @ 3.33GHz	9026	418	11.88	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9123	401	86.89	\$105.00
Intel Xeon W5580 @ 3.20GHz	5836	730	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	690	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	6954	614	29.59	\$235.05*
Intel Xeon W-2104 @ 3.20GHz	7439	565	29.17	\$255.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2123 @ 3.60GHz	10701	277	29.29	\$365.33
Intel Xeon W-2125 @ 4.00GHz	12345	225	25.21	\$489.63*
Intel Xeon W-2133 @ 3.60GHz	14207	172	23.03	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16326	114	18.18	\$897.94
Intel Xeon W-2140B @ 3.20GHz	18610	79	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19689	66	16.50	\$1,192.99
Intel Xeon W-2150B @ 3.00GHz	21543	43	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21832	40	14.27	\$1,530.39*
Intel Xeon W-2175 @ 2.50GHz	24454	22	12.56	\$1,947.00*
Intel Xeon W-2195 @ 2.30GHz	24081	23	8.67	\$2,777.20*
Intel Xeon X3210 @ 2.13GHz	2739	1415	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1293	51.35	\$60.15*
Intel Xeon X3230 @ 2.66GHz	3398	1196	9.44	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3306	1225	14.41	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3174	1262	163.95	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3379	1206	16.09	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1092	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1081	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3942	1066	24.96	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3985	1053	116.91	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	998	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	914	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3342	1217	44.16	\$75.68
Intel Xeon X3440 @ 2.53GHz	4521	951	31.85	\$141.96*
Intel Xeon X3450 @ 2.67GHz	4745	905	59.36	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5014	854	14.05	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5100	828	78.49	\$64.99
Intel Xeon X3480 @ 3.07GHz	5657	750	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1508	45.47	\$54.00*
Intel Xeon X5270 @ 3.50GHz	2553	1475	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1532	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3170	1265	10.23	\$309.95*
Intel Xeon X5365 @ 3.00GHz	3524	1166	35.42	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4112	1031	68.59	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4326	989	94.08	\$45.99*
Intel Xeon X5470 @ 3.33GHz	4590	935	24.29	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4014	1045	17.84	\$225.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5482 @ 3.20GHz	4529	950	45.30	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	880	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5353	794	17.56	\$304.85*
Intel Xeon X5560 @ 2.80GHz	5399	786	158.85	\$33.99
Intel Xeon X5570 @ 2.93GHz	5679	745	283.97	\$20.00
Intel Xeon X5647 @ 2.93GHz	5920	718	297.04	\$19.93
Intel Xeon X5650 @ 2.67GHz	7364	578	344.76	\$21.36
Intel Xeon X5660 @ 2.80GHz	7569	554	312.28	\$24.24*
Intel Xeon X5667 @ 3.07GHz	6291	680	269.66	\$23.33*
Intel Xeon X5670 @ 2.93GHz	7856	523	227.80	\$34.49
Intel Xeon X5672 @ 3.20GHz	6397	671	142.21	\$44.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5675 @ 3.07GHz	8147	495	148.16	\$54.99
Intel Xeon X5677 @ 3.47GHz	6951	615	182.55	\$38.08*
Intel Xeon X5679 @ 3.20GHz	8845	437	NA	NA
Intel Xeon X5680 @ 3.33GHz	8395	471	111.94	\$75.00
Intel Xeon X5687 @ 3.60GHz	7076	603	119.96	\$58.99
Intel Xeon X5690 @ 3.47GHz	8872	434	55.80	\$159.00
Intel Xeon X5698 @ 4.40GHz	4272	1000	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1329	NA	NA
Mobile AMD Athlon 4	314	2692	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2647	NA	NA
Mobile AMD Athlon 64 2700+	398	2598	NA	NA
Mobile AMD Athlon 64 2800+	440	2549	NA	NA
Mobile AMD Athlon 64 3000+	450	2538	NA	NA
Mobile AMD Athlon 64 3200+	448	2541	NA	NA
Mobile AMD Athlon 64 3400+	511	2480	NA	NA
Mobile AMD Athlon 64 3700+	435	2559	NA	NA
Mobile AMD Athlon 64 4000+	576	2441	NA	NA
Mobile AMD Athlon 1400+	266	2767	NA	NA
Mobile AMD Athlon 2500+	370	2631	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2768	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2620	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2722	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2491	NA	NA
Mobile AMD Athlon XP	572	2445	45.81	\$12.49
Mobile AMD Athlon XP-M	512	2479	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2849	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2771	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2773	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2679	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2717	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2664	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2710	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2641	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2659	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2656	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2630	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2639	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2638	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 3100+	440	2550	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2497	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2484	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2729	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2720	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2670	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2628	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2513	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2486	NA	NA
Mobile AMD Sempron 2100+	252	2782	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Sempron 2600+	394	2605	NA	NA
Mobile AMD Sempron 2800+	361	2644	NA	NA
Mobile AMD Sempron 3000+	389	2614	NA	NA
Mobile AMD Sempron 3100+	416	2572	NA	NA
Mobile AMD Sempron 3200+	354	2651	NA	NA
Mobile AMD Sempron 3300+	446	2543	NA	NA
Mobile AMD Sempron 3400+	441	2548	NA	NA
Mobile AMD Sempron 3500+	408	2581	NA	NA
Mobile AMD Sempron 3600+	427	2567	NA	NA
Mobile AMD Sempron 3800+	485	2502	NA	NA
Mobile Intel Celeron 1.20GHz	170	2860	NA	NA
Mobile Intel Celeron 1.50GHz	188	2844	NA	NA
Mobile Intel Celeron 1.60GHz	188	2845	NA	NA
Mobile Intel Celeron 1.70GHz	181	2853	NA	NA
Mobile Intel Celeron 1.80GHz	186	2847	NA	NA
Mobile Intel Celeron 2.00GHz	204	2829	NA	NA
Mobile Intel Celeron 2.20GHz	226	2809	NA	NA
Mobile Intel Celeron 2.40GHz	239	2798	NA	NA
Mobile Intel Celeron 2.50GHz	281	2747	NA	NA
Mobile Intel Celeron 1200MHz	294	2723	NA	NA
Mobile Intel Celeron 1333MHz	280	2750	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2755	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2770	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2752	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2690	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2667	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2648	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2551	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2511	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2839	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2859	0.97	\$178.99
Mobile Intel Pentium 4 - M 1.80GHz	175	2856	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2804	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2834	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2836	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2820	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2777	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2694	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2823	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 933MHz	200	2835	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2786	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2727	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2810	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2728	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1496	NA	NA
Quad-Core AMD Opteron 1385	3442	1188	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3446	1187	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1350	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA C3 Ezra	100	2888	NA	NA
VIA C7 1500MHz	284	2739	NA	NA
VIA C7-D 1500MHz	287	2735	NA	NA
VIA C7-D 1800MHz	203	2831	NA	NA
VIA C7-D 2000MHz	368	2634	NA	NA
VIA C7-M 1000MHz	164	2862	NA	NA
VIA C7-M 1200MHz	140	2875	NA	NA
VIA C7-M 1600MHz	178	2855	NA	NA
VIA C7-M 6300MHz	222	2812	NA	NA
VIA Eden 800MHz	155	2866	NA	NA
VIA Eden 1000MHz	123	2883	NA	NA
VIA Eden 1200MHz	142	2874	NA	NA
VIA Eden C1050@1.06GHz	352	2654	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2509	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	2136	NA	NA
VIA Esther 1000MHz	146	2873	NA	NA
VIA Esther 1300MHz	250	2784	NA	NA
VIA Esther 1500MHz	219	2814	NA	NA
VIA Esther 2000MHz	394	2604	NA	NA
VIA Nano L1900@1400MHz	457	2531	NA	NA
VIA Nano L2007@1600MHz	369	2632	NA	NA
VIA Nano L2100@1800MHz	428	2565	NA	NA
VIA Nano L2207@1600MHz	296	2719	NA	NA
VIA Nano L3025@1600MHz	517	2476	NA	NA
VIA Nano L3050@1800MHz	581	2438	NA	NA
VIA Nano L3600@2000MHz	645	2404	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2621	NA	NA
VIA Nano U2250@1300+MHz	274	2759	NA	NA
VIA Nano U2500@1200MHz	306	2701	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2488	NA	NA
VIA Nano U3300@1200MHz	409	2579	NA	NA
VIA Nano U3500@1000MHz	275	2757	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2423	NA	NA
VIA Nehemiah	155	2867	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1744	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	2006	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2116	NA	NA
VIA Samuel 2	79	2890	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	302	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	133	100.33	\$176.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Athlon 64 FX-72	3163	406	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	412	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	457	NA	NA
[Dual CPU] AMD EPYC 7281	13293	183	9.35	\$1,421.10
[Dual CPU] AMD EPYC 7371	19370	118	NA	NA
[Dual CPU] AMD EPYC 7401	23518	70	6.15	\$3,821.66
[Dual CPU] AMD EPYC 7451	28957	37	5.77	\$5,022.16
[Dual CPU] AMD EPYC 7501	29003	36	4.07	\$7,119.12
[Dual CPU] AMD EPYC 7551	30966	25	4.35	\$7,119.12
[Dual CPU] AMD EPYC 7601	33545	18	3.64	\$9,219.98
[Dual CPU] AMD Opteron 246	1130	446	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	447	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	443	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	444	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	452	NA	NA
[Dual CPU] AMD Opteron 256	1853	440	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	438	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	434	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	437	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	429	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2769	419	NA	NA
[Dual CPU] AMD Opteron 290	2716	421	10.06	\$270.00*
[Dual CPU] AMD Opteron 885	2851	415	NA	NA
[Dual CPU] AMD Opteron 2212	2203	435	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	430	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	427	NA	NA
[Dual CPU] AMD Opteron 2216	2485	426	48.16	\$51.60
[Dual CPU] AMD Opteron 2216 HE	2593	423	NA	NA
[Dual CPU] AMD Opteron 2218	2719	420	9.54	\$284.90*
[Dual CPU] AMD Opteron 2218 HE	2514	424	NA	NA
[Dual CPU] AMD Opteron 2220	2854	414	1.88	\$1,517.68*
[Dual CPU] AMD Opteron 2220 SE	2882	413	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	410	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	404	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	394	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	401	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	395	7.55	\$539.98*
[Dual CPU] AMD Opteron 2354	4554	382	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	385	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	364	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	392	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	378	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	365	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	363	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	349	63.93	\$90.00
[Dual CPU] AMD Opteron 2384	5714	351	3.40	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	337	NA	NA
[Dual CPU] AMD Opteron 2389	5677	352	48.11	\$118.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2419	5191	367	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	338	NA	NA
[Dual CPU] AMD Opteron 2427	5907	347	29.83	\$198.00
[Dual CPU] AMD Opteron 2431	6438	331	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7068	317	18.70	\$378.00
[Dual CPU] AMD Opteron 2439 SE	8071	287	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	396	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	354	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	334	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	332	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7813	295	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	286	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	290	NA	NA
[Dual CPU] AMD Opteron 4234	9361	255	20.35	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	4214	389	52.69	\$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	248	NA	NA
[Dual CPU] AMD Opteron 4280	4525	383	45.25	\$100.00
[Dual CPU] AMD Opteron 4284	9151	256	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9456	254	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	227	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	235	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	213	40.57	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	324	169.13	\$39.98
[Dual CPU] AMD Opteron 6128 HE	5582	357	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	271	NA	NA
[Dual CPU] AMD Opteron 6134	7586	304	86.22	\$87.98
[Dual CPU] AMD Opteron 6136	7255	311	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	370	NA	NA
[Dual CPU] AMD Opteron 6168	7741	299	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7621	303	19.24	\$396.00
[Dual CPU] AMD Opteron 6174	8056	288	40.69	\$198.00
[Dual CPU] AMD Opteron 6176 SE	8448	276	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	407	10.05	\$309.98*
[Dual CPU] AMD Opteron 6204	7134	313	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	265	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	222	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	238	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	229	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	10008	243	16.14	\$619.90
[Dual CPU] AMD Opteron 6274	10536	225	114.55	\$91.98
[Dual CPU] AMD Opteron 6275	10900	221	NA	NA
[Dual CPU] AMD Opteron 6276	10194	237	30.16	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	202	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	278	13.47	\$619.96*
[Dual CPU] AMD Opteron 6320	10716	223	20.69	\$518.02
[Dual CPU] AMD Opteron 6328	11842	205	16.49	\$718.00
[Dual CPU] AMD Opteron 6344	11203	216	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	210	28.53	\$399.98*
[Dual CPU] AMD Opteron 6376	10405	228	80.04	\$130.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6378	9145	257	11.46	\$798.00
[Dual CPU] AMD Opteron 6380	14200	169	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	197	40.65	\$299.98*
[Dual CPU] AMD Opteron 8218	2831	416	61.54	\$46.00
[Dual CPU] AMD Opteron 8220	2510	425	50.22	\$49.98
[Dual CPU] AMD Opteron 8222 SE	2793	418	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	405	67.15	\$48.00
[Dual CPU] AMD Opteron 8380	5643	355	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	366	NA	NA
[Dual CPU] AMD Opteron 8389	6517	328	41.25	\$158.00
[Dual CPU] AMD Opteron 8431	5813	348	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	325	46.80	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	301	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	445	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	432	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	400	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	292	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	466	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	464	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	461	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	541	460	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	467	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	468	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	465	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	463	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	458	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	454	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	453	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	456	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	451	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	450	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	449	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	439	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	448	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	436	6.68	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	431	0.71	\$3,239.98
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	422	41.62	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	408	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2978	411	31.69	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	409	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3412	402	12.19	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3827	398	51.04	\$74.98*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8809	267	18.51	\$475.98
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11012	219	16.69	\$659.98
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	339	20.82	\$298.00
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	336	87.58	\$71.98*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	310	10.90	\$670.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	260	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11387	212	14.60	\$780.04*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	204	191.36	\$62.24
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	280	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	176	179.43	\$76.00
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	172	22.20	\$620.00
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	211	176.43	\$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	192	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	187	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15063	160	72.43	\$207.98
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	143	20.24	\$818.00*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	207	45.06	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	142	90.85	\$182.86
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	126	54.94	\$338.06
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	335	127.11	\$49.88*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	327	81.52	\$79.98
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	277	87.20	\$95.98
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8910	266	19.37	\$459.98
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8162	284	92.77	\$87.98
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8987	261	89.89	\$99.98
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	242	12.57	\$798.00*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	220	17.18	\$639.98
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12332	193	386.10	\$31.94
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13235	185	41.47	\$319.12
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15199	158	47.80	\$318.00
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16442	145	22.04	\$745.96
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14313	168	26.51	\$539.98
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	189	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	164	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13584	181	70.76	\$191.98
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15949	151	197.10	\$80.92
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18464	127	68.39	\$270.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18742	124	14.20	\$1,319.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	217	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	174	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	159	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	308	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15888	154	83.63	\$189.98
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16408	146	6.33	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16704	141	7.81	\$2,139.90
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14657	163	77.15	\$189.98
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14505	165	147.77	\$98.16
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19892	112	34.14	\$582.58*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20753	103	10.51	\$1,973.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13646	175	38.63	\$353.22
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20733	104	94.24	\$220.00
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21023	98	34.02	\$618.00
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	91	6.48	\$3,321.22*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	196	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	171	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	130	5.79	\$3,121.72*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	14948	161	71.61	\$208.74*
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18977	122	126.55	\$149.96
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20250	108	56.25	\$359.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20576	107	8.57	\$2,399.98
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	166	91.04	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14152	170	94.35	\$150.00
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	99	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13634	177	4.66	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	123	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	116	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	132	4.85	\$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16327	147	117.48	\$138.98
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17809	131	47.34	\$376.20
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22577	83	14.68	\$1,537.98
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23225	77	7.74	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	78	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17131	137	94.14	\$181.98
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	62	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16940	138	156.82	\$108.02
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22568	84	31.35	\$719.98
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22713	80	13.28	\$1,710.60*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22694	81	5.82	\$3,898.06*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18160	129	118.06	\$153.82
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20622	106	49.33	\$418.00
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	87	37.29	\$600.00
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	73	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	76	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	53	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	111	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21063	97	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	31	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18186	128	53.81	\$337.98
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21500	92	44.63	\$481.72
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24444	66	34.92	\$699.98
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22584	82	7.48	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	139	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21159	96	20.74	\$1,019.98
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	61	5.66	\$4,417.86*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	88	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	50	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	39	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20869	100	48.53	\$429.98
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23315	75	28.50	\$818.00
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24222	68	20.53	\$1,179.98
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	51	6.13	\$4,349.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19596	113	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	56	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19309	119	100.55	\$192.04
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23491	71	19.94	\$1,177.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25396	58	34.51	\$735.86
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27291	49	6.29	\$4,339.98
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20858	102	41.72	\$500.00
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	63	12.30	\$2,019.98
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	65	4.69	\$5,258.84*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23483	72	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	28	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31807	23	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23330	74	25.41	\$918.00
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27639	45	30.04	\$919.98
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30182	29	5.44	\$5,551.98
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	42	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29093	35	4.25	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	27	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	21	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	69	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26496	54	5.28	\$5,018.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	17	2.86	\$11,909.58*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	105	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	115	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	153	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	120	35.31	\$544.08
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	114	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18712	125	97.98	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	162	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	224	44.50	\$239.98
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	85	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	47	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	198	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	156	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	86	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	201	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	16047	148	42.45	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	241	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	433	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	397	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3532	399	36.04	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4166	391	53.75	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	373	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	381	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5122	369	64.04	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5148	368	52.53	\$98.00
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6010	344	14.38	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6350	333	12.21	\$519.90*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6845	323	49.60	\$138.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7127	314	188.05	\$37.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7511	305	12.56	\$597.88*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7099	316	130.02	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7796	296	129.76	\$60.08*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	428	12.93	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	417	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4878	377	34.87	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4999	372	39.67	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	360	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7418	307	91.94	\$80.68
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	300	15.66	\$492.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	293	66.51	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	393	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5507	358	12.57	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5956	346	13.60	\$438.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8054	289	68.27	\$117.98
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8280	281	118.29	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8668	270	72.85	\$118.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10321	232	47.79	\$215.96*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10327	231	44.90	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	359	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	362	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	90	8.41	\$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	67	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	94	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22049	89	8.30	\$2,658.06
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	60	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	134	6.88	\$2,539.98
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	48	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	121	7.83	\$2,442.00*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27819	44	7.34	\$3,788.34*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22869	79	6.50	\$3,519.50
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26585	52	6.82	\$3,899.98
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	46	6.24	\$4,410.00*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25308	59	5.55	\$4,558.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29596	33	5.66	\$5,227.18
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	43	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34192	16	6.81	\$5,018.00
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	20	6.68	\$4,879.98
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	38	4.70	\$6,139.98
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	30025	30	NA	NA
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28594	40	4.89	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29885	32	3.75	\$7,965.02*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36813	9	5.66	\$6,507.98
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	24	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33530	19	4.41	\$7,599.98
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37084	8	5.21	\$7,123.56



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41095	4	5.10	\$8,059.94
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	384	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	388	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	375	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	356	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	341	30.58	\$200.16*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	330	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	343	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	374	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	321	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	320	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	291	206.10	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7000	319	228.76	\$30.60
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	262	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	250	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9658	249	161.13	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	459	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	462	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	455	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	441	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	10	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	35823	12	2.32	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	34	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	6	3.33	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	13	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	11	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	7	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	3	3.26	\$12,604.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	150	17.75	\$899.98
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16452	144	20.06	\$819.98
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	180	13.24	\$1,027.98
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19374	117	14.33	\$1,351.52
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21232	95	10.11	\$2,099.98
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	110	19.96	\$1,002.00*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10079	239	47.08	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	230	2.06	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	234	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	379	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	380	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	376	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5748	350	9.27	\$619.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6203	340	31.17	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7437	306	62.02	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7827	294	85.09	\$91.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	285	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	297	17.28	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8193	283	40.97	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8682	269	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8934	264	14.65	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	258	133.63	\$67.98
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9535	253	238.38	\$40.00
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	245	246.96	\$39.86
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11286	214	264.19	\$42.72
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11598	208	239.23	\$48.48*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10279	233	220.30	\$46.66*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12251	195	177.60	\$68.98
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	240	111.97	\$89.98
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12461	190	113.30	\$109.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11278	215	148.08	\$76.16*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	179	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13555	182	90.37	\$150.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11940	203	101.20	\$117.98
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13754	173	43.25	\$318.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	275	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	326	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	268	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	244	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11794	206	268.05	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	390	46.34	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	371	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	387	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	386	36.47	\$120.00*
[Dual CPU] Quad-Core AMD Opteron 8378	5382	361	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	322	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	353	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	345	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	279	NA	NA
[Quad CPU] AMD Opteron 6136	9767	246	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	273	21.70	\$396.00
[Quad CPU] AMD Opteron 6272	12292	194	9.91	\$1,239.80
[Quad CPU] AMD Opteron 6274	10488	226	57.01	\$183.96
[Quad CPU] AMD Opteron 6276	15342	157	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	199	9.75	\$1,236.00
[Quad CPU] AMD Opteron 6282 SE	11044	218	21.24	\$519.96*
[Quad CPU] AMD Opteron 6376	13257	184	50.99	\$260.00
[Quad CPU] AMD Opteron 6378	20859	101	13.07	\$1,596.00
[Quad CPU] AMD Opteron 6380	12442	191	52.72	\$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	329	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	342	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 8382	8553	274	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	309	NA	NA
[Quad CPU] AMD Opteron 8431	8252	282	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	315	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	263	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	442	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	403	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	140	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	152	29.66	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	178	42.59	\$319.96
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	64	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	93	55.95	\$381.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	55	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	26	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	109	3.36	\$6,008.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	149	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	15	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	41	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	22	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	136	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17287	135	131.00	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14316	167	18.94	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	188	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	155	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	318	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	298	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	236	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	251	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	259	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	57	5.15	\$5,079.96
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	14	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	5	2.68	\$15,199.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	247	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	2	1.10	\$40,060.00*
[Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz	48904	1	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	252	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	200	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	272	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	209	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	13145	186	149.38	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	312	29.88	\$240.00*

\* - Last price seen from our affiliates.

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