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# CPU Benchmarks

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### CPU List

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

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### Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2668	NA	NA
AMD A4 Micro-6400T APU	1544	1862	NA	NA
AMD A4 PRO-3340B	2402	1471	NA	NA
AMD A4 PRO-7300B APU	2372	1483	NA	NA
AMD A4 PRO-7350B	2227	1543	NA	NA
AMD A4-1200 APU	635	2349	NA	NA
AMD A4-1250 APU	618	2356	NA	NA
AMD A4-3300 APU	1505	1883	50.19	\$29.99*
AMD A4-3300M APU	1185	2047	39.54	\$29.99*
AMD A4-3305M APU	1220	2028	39.61	\$30.81*
AMD A4-3310MX APU	1280	1995	NA	NA
AMD A4-3320M APU	1253	2010	36.99	\$33.90*
AMD A4-3330MX APU	1212	2033	NA	NA
AMD A4-3400 APU	1593	1845	18.12	\$87.95*
AMD A4-3420 APU	1670	1801	NA	NA
AMD A4-4000 APU	1827	1721	60.94	\$29.99*
AMD A4-4020 APU	1921	1670	22.35	\$86.00*
AMD A4-4300M APU	1608	1834	40.36	\$39.86*
AMD A4-4355M APU	1175	2053	NA	NA
AMD A4-5000 APU	1912	1675	NA	NA
AMD A4-5050 APU	2113	1587	NA	NA
AMD A4-5100 APU	2037	1618	NA	NA
AMD A4-5150M APU	1844	1711	NA	NA
AMD A4-5300 APU	2012	1629	12.21	\$164.89*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5300B APU	2134	1575	56.17	\$38.00*
AMD A4-6210 APU	2164	1564	NA	NA
AMD A4-6250J APU	2556	1415	NA	NA
AMD A4-6300 APU	2216	1546	42.21	\$52.50*
AMD A4-6300B APU	2129	1581	21.30	\$100.00*
AMD A4-6320 APU	2329	1493	33.29	\$69.99*
AMD A4-7210 APU	2511	1431	NA	NA
AMD A4-7300 APU	2297	1508	24.19	\$94.99*
AMD A4-9120	1972	1644	NA	NA
AMD A4-9125	2075	1605	NA	NA
AMD A6 Micro-6500T APU	1834	1718	NA	NA
AMD A6 PRO-7050B APU	1616	1831	NA	NA
AMD A6 PRO-7400B	2608	1393	NA	NA
AMD A6-1450 APU	1529	1867	NA	NA
AMD A6-3400M APU	1884	1693	62.88	\$29.97*
AMD A6-3410MX APU	2053	1613	514.77	\$3.99*
AMD A6-3420M APU	2001	1632	NA	NA
AMD A6-3430MX APU	2199	1555	NA	NA
AMD A6-3500 APU	2012	1630	50.32	\$39.99*
AMD A6-3600 APU	2703	1365	117.61	\$22.99*
AMD A6-3620 APU	2799	1334	46.67	\$59.99*
AMD A6-3650 APU	3153	1217	98.58	\$31.99*
AMD A6-3670 APU	3171	1207	22.65	\$140.00*
AMD A6-4400M APU	1637	1820	204.96	\$7.99*
AMD A6-4455M APU	1285	1991	NA	NA
AMD A6-5200 APU	2429	1459	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	1895	NA	NA
AMD A6-5350M APU	1916	1673	44.44	\$43.12*
AMD A6-5357M APU	1941	1659	NA	NA
AMD A6-5400B APU	2221	1545	21.15	\$105.04*
AMD A6-5400K APU	2153	1568	16.57	\$129.95*
AMD A6-6310 APU	2453	1453	NA	NA
AMD A6-6400B APU	2281	1518	NA	NA
AMD A6-6400K APU	2306	1504	16.48	\$139.95*
AMD A6-6420B APU	2612	1391	NA	NA
AMD A6-6420K APU	2372	1482	15.82	\$149.99*
AMD A6-7000	1671	1800	NA	NA
AMD A6-7310 APU	2663	1377	NA	NA
AMD A6-7400K APU	2782	1339	38.28	\$72.70*
AMD A6-7470K	2727	1360	11.22	\$243.00*
AMD A6-8500P	2202	1553	NA	NA
AMD A6-8550	3104	1229	NA	NA
AMD A6-9200	1704	1780	NA	NA
AMD A6-9210	1811	1726	NA	NA
AMD A6-9220	2164	1565	NA	NA
AMD A6-9220e	1608	1835	NA	NA
AMD A6-9225	2148	1572	NA	NA
AMD A6-9230	2102	1593	NA	NA
AMD A6-9500	3021	1255	50.36	\$59.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-9500E	2889	1309	47.37	\$60.99
AMD A8 PRO-7150B APU	2654	1378	NA	NA
AMD A8 PRO-7600B APU	4776	847	NA	NA
AMD A8-3500M APU	1972	1645	28.19	\$69.95*
AMD A8-3510MX APU	2370	1485	NA	NA
AMD A8-3520M APU	2172	1561	NA	NA
AMD A8-3530MX APU	2365	1488	NA	NA
AMD A8-3550MX APU	2610	1392	NA	NA
AMD A8-3800 APU	3023	1254	53.06	\$56.99*
AMD A8-3820 APU	3104	1230	24.84	\$124.99*
AMD A8-3850 APU	3466	1126	32.81	\$105.68*
AMD A8-3870K APU	3543	1106	70.88	\$49.99*
AMD A8-4500M APU	2667	1375	NA	NA
AMD A8-4555M APU	2117	1585	NA	NA
AMD A8-5500 APU	3992	995	70.66	\$56.50*
AMD A8-5500B APU	3991	996	NA	NA
AMD A8-5545M APU	2586	1402	NA	NA
AMD A8-5550M APU	3008	1261	NA	NA
AMD A8-5557M APU	2963	1277	NA	NA
AMD A8-5600K APU	4343	930	18.94	\$229.30*
AMD A8-6410 APU	2571	1409	NA	NA
AMD A8-6500 APU	4393	920	46.25	\$94.99*
AMD A8-6500B APU	4612	876	NA	NA
AMD A8-6500T APU	3221	1191	NA	NA
AMD A8-6600K APU	4585	883	47.28	\$96.99*
AMD A8-7050	1986	1638	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7100 APU	2806	1333	NA	NA
AMD A8-7200P	3319	1162	NA	NA
AMD A8-7410 APU	2736	1358	NA	NA
AMD A8-7600 APU	5071	785	63.40	\$79.99*
AMD A8-7650K	4925	821	54.75	\$89.96*
AMD A8-7670K	5078	783	31.52	\$161.10*
AMD A8-7680	5335	749	71.41	\$74.72*
AMD A8-8600P	3248	1180	NA	NA
AMD A8-8650	5470	723	NA	NA
AMD A8-9600	4998	807	73.52	\$67.99
AMD A9-9400	2319	1498	NA	NA
AMD A9-9410	2556	1414	NA	NA
AMD A9-9420	2337	1492	NA	NA
AMD A9-9420e	1883	1694	NA	NA
AMD A9-9425	2638	1383	NA	NA
AMD A9-9430	2543	1420	NA	NA
AMD A10 Micro-6700T APU	1970	1646	NA	NA
AMD A10 PRO-7350B APU	3176	1204	NA	NA
AMD A10 PRO-7800B APU	5057	791	NA	NA
AMD A10 PRO-7850B APU	5380	737	NA	NA
AMD A10-4600M APU	3113	1228	NA	NA
AMD A10-4655M APU	2600	1396	NA	NA
AMD A10-4657M APU	2906	1297	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-5700 APU	4213	956	65.32	\$64.50*
AMD A10-5745M APU	2764	1346	NA	NA
AMD A10-5750M APU	3348	1157	NA	NA
AMD A10-5757M APU	3084	1236	NA	NA
AMD A10-5800B APU	4625	872	NA	NA
AMD A10-5800K APU	4637	866	15.40	\$301.11*
AMD A10-6700 APU	4607	878	39.38	\$116.99*
AMD A10-6700T APU	3693	1071	25.02	\$147.61*
AMD A10-6790K APU	4712	854	49.62	\$94.99*
AMD A10-6800B APU	4991	808	NA	NA
AMD A10-6800K APU	4864	833	16.96	\$286.85*
AMD A10-7300 APU	2907	1296	NA	NA
AMD A10-7400P	3603	1087	NA	NA
AMD A10-7700K APU	5123	774	14.78	\$346.70*
AMD A10-7800 APU	4984	809	48.21	\$103.39*
AMD A10-7850K APU	5471	722	18.83	\$290.59*
AMD A10-7860K	5062	788	28.93	\$175.00*
AMD A10-7870K	5472	720	24.11	\$226.99*
AMD A10-7890K	5702	692	28.51	\$199.99*
AMD A10-8700P	3446	1130	NA	NA
AMD A10-8750	5072	784	NA	NA
AMD A10-8850	5598	707	NA	NA
AMD A10-9600P	3780	1044	NA	NA
AMD A10-9620P	3703	1067	NA	NA
AMD A10-9630P	4497	902	NA	NA
AMD A10-9700	5435	728	60.40	\$89.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9700E	4747	852	52.18	\$90.99*
AMD A12-9700P	3736	1058	NA	NA
AMD A12-9720P	3990	997	NA	NA
AMD A12-9730P	4472	906	NA	NA
AMD A12-9800	5519	717	50.18	\$109.99*
AMD A12-9800E	5104	776	42.54	\$119.99*
AMD Athlon64 X2 Dual Core 4600+	1108	2090	NA	NA
AMD Athlon 4	279	2688	4.00	\$69.99
AMD Athlon 64 2000+	116	2822	NA	NA
AMD Athlon 64 2200+	575	2380	NA	NA
AMD Athlon 64 2600+	374	2563	NA	NA
AMD Athlon 64 2800+	438	2491	4.38	\$99.99*
AMD Athlon 64 3000+	463	2461	11.59	\$39.99*
AMD Athlon 64 3200+	492	2429	3.28	\$149.95*
AMD Athlon 64 3300+	576	2379	NA	NA
AMD Athlon 64 3400+	545	2392	NA	NA
AMD Athlon 64 3500+	540	2398	4.96	\$108.95*
AMD Athlon 64 3600+	601	2366	NA	NA
AMD Athlon 64 3700+	599	2367	8.68	\$69.00*
AMD Athlon 64 3800+	589	2370	3.28	\$179.95*
AMD Athlon 64 4000+	608	2360	50.76	\$11.99*
AMD Athlon 64 FX-25	794	2274	NA	NA
AMD Athlon 64 FX-34	380	2554	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-51	437	2492	NA	NA
AMD Athlon 64 FX-53	646	2341	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2306	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2301	NA	NA
AMD Athlon 64 FX-59	715	2309	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1994	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1852	NA	NA
AMD Athlon 64 FX-72	1794	1732	NA	NA
AMD Athlon 64 FX-74	1495	1889	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2188	NA	NA
AMD Athlon 64 X2 4200+	1285	1990	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2161	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	964	2180	16.08	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1000	2154	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1043	2128	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1097	2095	8.45	\$129.95*
AMD Athlon 64 X2 Dual Core 4400+	1146	2075	95.60	\$11.99*
AMD Athlon 64 X2 Dual Core 4600+	1219	2029	3.39	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1253	2011	4.89	\$256.32*
AMD Athlon 64 X2 Dual Core 5000+	1312	1970	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	1935	26.03	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1448	1907	27.33	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1484	1893	9.90	\$149.95*
AMD Athlon 64 X2 Dual Core 5800+	1528	1868	61.17	\$24.99*
AMD Athlon 64 X2 Dual Core 6000+	1604	1839	34.92	\$45.95*
AMD Athlon 64 X2 Dual Core 6400+	1790	1734	6.89	\$259.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core BE-230	1095	2099	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2110	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2127	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2253	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2254	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2176	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2233	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2263	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2234	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	924	2210	NA	NA
AMD Athlon 64 X2 QL-60	920	2215	NA	NA
AMD Athlon 64 X2 QL-62	1008	2149	NA	NA
AMD Athlon 64 X2 QL-64	991	2165	NA	NA
AMD Athlon 64 X2 QL-65	1050	2125	NA	NA
AMD Athlon 64 X2 QL-66	947	2195	NA	NA
AMD Athlon 64 X2 QL-67	1006	2150	NA	NA
AMD Athlon 64 X2 TK-55	955	2189	NA	NA
AMD Athlon 64 X2 TK-57	988	2167	NA	NA
AMD Athlon 200GE	4937	818	82.31	\$59.99
AMD Athlon 220GE	5346	744	NA	NA
AMD Athlon 240GE	5301	754	67.55	\$78.49*
AMD Athlon 1500+	294	2661	NA	NA
AMD Athlon 1640B	670	2332	13.42	\$50.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 2000+	390	2550	NA	NA
AMD Athlon 2100+	412	2513	NA	NA
AMD Athlon 2200+	363	2580	4.55	\$79.99*
AMD Athlon 2400+	462	2464	NA	NA
AMD Athlon 2500+	374	2560	2.04	\$183.99*
AMD Athlon 2600+	444	2482	4.23	\$104.95*
AMD Athlon 2650e	409	2517	21.56	\$19.00*
AMD Athlon 2800+	447	2479	3.20	\$139.95*
AMD Athlon 2850e	504	2424	NA	NA
AMD Athlon 3100+	485	2442	NA	NA
AMD Athlon 3200+	458	2468	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	1984	76.13	\$16.98*
AMD Athlon 5150 APU	2103	1592	13.15	\$159.95*
AMD Athlon 5200 Dual-Core	1248	2014	41.64	\$29.99*
AMD Athlon 5350 APU	2605	1394	7.70	\$338.46*
AMD Athlon 5370 APU	2901	1305	45.54	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1906	NA	NA
AMD Athlon 7550 Dual-Core	1462	1901	24.37	\$60.00*
AMD Athlon 7750 Dual-Core	1571	1854	19.90	\$79.00*
AMD Athlon 7850 Dual-Core	1713	1771	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2671	NA	NA
AMD Athlon Dual Core 4050e	1086	2105	NA	NA
AMD Athlon Dual Core 4450B	1162	2063	37.49	\$31.00*
AMD Athlon Dual Core 4450e	1105	2093	NA	NA
AMD Athlon Dual Core 4850B	1391	1931	NA	NA
AMD Athlon Dual Core 4850e	1311	1972	33.63	\$39.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 5000B	1300	1977	13.69	\$95.00*
AMD Athlon Dual Core 5050e	1341	1956	22.36	\$60.00*
AMD Athlon Dual Core 5200B	1319	1969	NA	NA
AMD Athlon Dual Core 5400B	1411	1923	NA	NA
AMD Athlon Dual Core 5600B	1304	1975	NA	NA
AMD Athlon II 160u	560	2387	18.68	\$29.99*
AMD Athlon II 170u	625	2353	20.89	\$29.95*
AMD Athlon II Dual-Core M300	1115	2084	NA	NA
AMD Athlon II Dual-Core M320	1141	2077	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2123	NA	NA
AMD Athlon II N330 Dual-Core	1154	2068	NA	NA
AMD Athlon II N350 Dual-Core	1226	2025	NA	NA
AMD Athlon II N370 Dual-Core	1559	1858	NA	NA
AMD Athlon II Neo K125	473	2453	NA	NA
AMD Athlon II Neo K145	525	2406	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2281	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2245	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2277	NA	NA
AMD Athlon II P320 Dual-Core	1216	2030	40.63	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2013	27.82	\$44.95*
AMD Athlon II P360 Dual-Core	1319	1968	54.98	\$24.00*
AMD Athlon II X2 210e	1486	1892	NA	NA
AMD Athlon II X2 215	1572	1853	131.19	\$11.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 220	1632	1821	81.69	\$19.99*
AMD Athlon II X2 225	1526	1869	NA	NA
AMD Athlon II X2 235e	1658	1810	9.12	\$181.88*
AMD Athlon II X2 240	1642	1817	102.73	\$15.99*
AMD Athlon II X2 240e	1693	1788	48.46	\$34.95*
AMD Athlon II X2 245	1659	1809	47.47	\$34.95*
AMD Athlon II X2 245e	1706	1777	21.33	\$80.00*
AMD Athlon II X2 250	1743	1754	44.75	\$38.95*
AMD Athlon II X2 250e	1939	1661	25.28	\$76.73*
AMD Athlon II X2 250u	1000	2153	28.64	\$34.95*
AMD Athlon II X2 255	1840	1714	28.21	\$65.22*
AMD Athlon II X2 260	1872	1698	93.65	\$19.99*
AMD Athlon II X2 260u	1107	2091	13.28	\$83.44*
AMD Athlon II X2 265	1890	1688	22.81	\$82.88*
AMD Athlon II X2 270	1980	1641	82.56	\$23.99*
AMD Athlon II X2 270u	1350	1953	19.96	\$67.67*
AMD Athlon II X2 280	2129	1580	21.30	\$99.99*
AMD Athlon II X2 4300e	1350	1952	NA	NA
AMD Athlon II X2 4400e	1616	1830	NA	NA
AMD Athlon II X2 4450e	1504	1884	NA	NA
AMD Athlon II X2 B22	1711	1772	41.05	\$41.69*
AMD Athlon II X2 B24	1773	1739	52.00	\$34.10*
AMD Athlon II X2 B26	1897	1683	54.28	\$34.95*
AMD Athlon II X2 B28	2085	1601	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1631	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1622	25.32	\$79.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 415e	2247	1534	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1515	19.68	\$116.15*
AMD Athlon II X3 425	2317	1499	85.85	\$26.99*
AMD Athlon II X3 425e	2239	1539	NA	NA
AMD Athlon II X3 435	2475	1445	82.54	\$29.99*
AMD Athlon II X3 440	2567	1411	95.14	\$26.99*
AMD Athlon II X3 445	2573	1407	28.28	\$91.00*
AMD Athlon II X3 450	2621	1388	75.01	\$34.95*
AMD Athlon II X3 455	2766	1343	70.96	\$38.99*
AMD Athlon II X3 460	2863	1313	73.45	\$38.99*
AMD Athlon II X4 553	3814	1036	NA	NA
AMD Athlon II X4 555	3830	1031	NA	NA
AMD Athlon II X4 559	4141	969	NA	NA
AMD Athlon II X4 600e	2453	1452	18.84	\$130.23*
AMD Athlon II X4 605e	2750	1353	27.01	\$101.80*
AMD Athlon II X4 610e	2790	1337	39.87	\$69.99*
AMD Athlon II X4 615e	2901	1304	49.17	\$59.00*
AMD Athlon II X4 620	2934	1286	41.93	\$69.99*
AMD Athlon II X4 620e	2906	1298	NA	NA
AMD Athlon II X4 630	3135	1222	72.93	\$42.99*
AMD Athlon II X4 631 Quad-Core	3153	1216	39.42	\$80.00*
AMD Athlon II X4 635	3237	1186	46.28	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1197	120.73	\$26.49*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 640	3313	1164	41.45	\$79.95*
AMD Athlon II X4 641 Quad-Core	3346	1158	36.57	\$91.50*
AMD Athlon II X4 645	3472	1123	69.47	\$49.99*
AMD Athlon II X4 650	3482	1121	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3575	1097	20.08	\$178.04*
AMD Athlon II X4 655	2998	1266	NA	NA
AMD Athlon II X4 6400e	2594	1398	NA	NA
AMD Athlon L110	303	2641	NA	NA
AMD Athlon LE-1600	567	2385	27.04	\$21.00*
AMD Athlon LE-1620	572	2381	31.80	\$18.00*
AMD Athlon LE-1640	627	2351	NA	NA
AMD Athlon LE-1660	688	2323	NA	NA
AMD Athlon MP	230	2742	4.20	\$54.95*
AMD Athlon MP 1700+	339	2603	NA	NA
AMD Athlon MP 2400+	436	2493	NA	NA
AMD Athlon MP 2800+	497	2427	NA	NA
AMD Athlon Neo MV-40	409	2518	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2152	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2280	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2258	NA	NA
AMD Athlon PRO 200GE	5204	764	NA	NA
AMD Athlon QI-46	473	2452	NA	NA
AMD Athlon TF-20	413	2511	NA	NA
AMD Athlon TF-36	395	2540	NA	NA
AMD Athlon X2 215	1543	1863	NA	NA
AMD Athlon X2 235e	1806	1728	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 240	1602	1840	NA	NA
AMD Athlon X2 240e	1670	1802	NA	NA
AMD Athlon X2 250	1696	1787	NA	NA
AMD Athlon X2 255	1627	1826	NA	NA
AMD Athlon X2 280	2303	1506	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1911	1676	38.23	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1533	NA	NA
AMD Athlon X2 440	1424	1917	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2279	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2156	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2214	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2089	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2031	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2012	NA	NA
AMD Athlon X2 Dual Core L310	644	2343	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2147	NA	NA
AMD Athlon X3 425	2191	1557	NA	NA
AMD Athlon X3 435	2574	1406	26.96	\$95.49*
AMD Athlon X3 440	2078	1603	23.62	\$87.99*
AMD Athlon X3 445	2314	1501	NA	NA
AMD Athlon X3 450	3064	1244	38.80	\$78.99*
AMD Athlon X3 455	2401	1472	NA	NA
AMD Athlon X4 605e	2505	1435	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X4 620	2861	1314	47.74	\$59.95*
AMD Athlon X4 635	2891	1308	23.71	\$121.99*
AMD Athlon X4 640	3172	1205	NA	NA
AMD Athlon X4 740 Quad Core	4008	991	14.47	\$277.00*
AMD Athlon X4 750 Quad Core	4551	886	NA	NA
AMD Athlon X4 750K Quad Core	4253	946	55.25	\$76.99*
AMD Athlon X4 760K Quad Core	4592	881	109.40	\$41.98*
AMD Athlon X4 830	4701	857	NA	NA
AMD Athlon X4 840	5044	798	64.07	\$78.74*
AMD Athlon X4 845	5418	732	101.99	\$53.13*
AMD Athlon X4 860K	5423	731	99.51	\$54.50*
AMD Athlon X4 870K	5319	753	66.50	\$79.99*
AMD Athlon X4 880K	5538	713	55.39	\$99.99*
AMD Athlon X4 950	5240	760	82.45	\$63.56
AMD Athlon XP1600+	281	2683	NA	NA
AMD Athlon XP1900+	353	2588	NA	NA
AMD Athlon XP2100+	287	2673	NA	NA
AMD Athlon XP2200+	401	2531	NA	NA
AMD Athlon XP2400+	374	2562	NA	NA
AMD Athlon XP 1500	282	2682	NA	NA
AMD Athlon XP 1500+	257	2713	NA	NA
AMD Athlon XP 1600+	267	2703	NA	NA
AMD Athlon XP 1700	344	2599	NA	NA
AMD Athlon XP 1700+	271	2699	NA	NA
AMD Athlon XP 1800+	300	2648	5.10	\$58.95*
AMD Athlon XP 1900+	312	2631	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2000+	299	2649	12.00	\$24.99*
AMD Athlon XP 2100+	323	2615	NA	NA
AMD Athlon XP 2200+	328	2614	3.87	\$84.95*
AMD Athlon XP 2300+	464	2460	NA	NA
AMD Athlon XP 2400+	360	2582	4.01	\$89.99*
AMD Athlon XP 2500+	355	2585	NA	NA
AMD Athlon XP 2600+	372	2566	16.18	\$23.03*
AMD Athlon XP 2700+	393	2543	4.64	\$84.79*
AMD Athlon XP 2800+	400	2533	NA	NA
AMD Athlon XP 2900+	424	2507	NA	NA
AMD Athlon XP 3000+	402	2528	5.06	\$79.70*
AMD Athlon XP 3100+	433	2497	NA	NA
AMD Athlon XP 3200+	431	2499	NA	NA
AMD Athlon XP 3400+	570	2384	NA	NA
AMD Athlon XP Pro3+	367	2573	NA	NA
AMD Athlon XP-M	541	2397	15.48	\$34.95*
AMD C-30	310	2633	NA	NA
AMD C-50	462	2463	NA	NA
AMD C-60	466	2457	NA	NA
AMD C-60 APU	543	2394	NA	NA
AMD C-70 APU	559	2388	NA	NA
AMD E1 Micro-6200T APU	960	2186	NA	NA
AMD E1-1200 APU	656	2339	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E1-1500 APU	687	2324	NA	NA
AMD E1-2100 APU	639	2347	NA	NA
AMD E1-2200 APU	767	2283	NA	NA
AMD E1-2500 APU	890	2230	NA	NA
AMD E1-6010 APU	860	2239	NA	NA
AMD E1-6015 APU	898	2228	NA	NA
AMD E1-7010 APU	998	2155	NA	NA
AMD E2-1800 APU	817	2262	NA	NA
AMD E2-2000 APU	825	2259	NA	NA
AMD E2-3000 APU	1094	2101	NA	NA
AMD E2-3000M APU	1096	2097	54.84	\$20.00*
AMD E2-3200 APU	1386	1932	173.59	\$7.99*
AMD E2-3800 APU	1639	1819	NA	NA
AMD E2-6110 APU	1907	1677	NA	NA
AMD E2-7110 APU	2280	1519	NA	NA
AMD E2-9000	1674	1797	NA	NA
AMD E2-9000e	1336	1960	NA	NA
AMD E2-9010	1745	1752	NA	NA
AMD E2-9030	1515	1879	NA	NA
AMD E-240	317	2622	NA	NA
AMD E-300 APU	610	2359	NA	NA
AMD E-350	746	2296	NA	NA
AMD E-350 APU	761	2287	NA	NA
AMD E-350D APU	726	2303	NA	NA
AMD E-450 APU	767	2284	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1744	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1598	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2470	1446	NA	NA
AMD Embedded R-Series RX-216GD	2409	1466	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	786	NA	NA
AMD Embedded R-Series RX-421BD	4635	868	NA	NA
AMD EPYC 7251 8-Core	11344	225	22.83	\$496.99
AMD EPYC 7351	18061	76	15.37	\$1,174.99
AMD EPYC 7351P	15820	117	18.87	\$838.26
AMD EPYC 7371	21762	34	NA	NA
AMD EPYC 7401P	19555	59	16.71	\$1,169.99
AMD EPYC 7501	18942	65	5.21	\$3,632.99
AMD EPYC 7551	18483	70	5.11	\$3,613.99
AMD EPYC 7551P	18406	71	8.26	\$2,227.99
AMD FirePro A320 APU	4540	893	NA	NA
AMD FX-670K Quad-Core	4550	887	NA	NA
AMD FX-770K Quad-Core	4797	844	NA	NA
AMD FX-870K Quad Core	5029	800	NA	NA
AMD FX-4100 Quad-Core	4069	981	31.30	\$129.99*
AMD FX-4130 Quad-Core	4161	965	54.77	\$75.99*
AMD FX-4150 Quad-Core	4594	880	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-4170 Quad-Core	4867	830	48.68	\$99.99*
AMD FX-4200 Quad-Core	4235	950	18.56	\$228.21*
AMD FX-4300 Quad-Core	4689	859	69.72	\$67.27*
AMD FX-4320	5006	805	NA	NA
AMD FX-4330	5321	752	NA	NA
AMD FX-4350 Quad-Core	5342	746	12.42	\$430.00*
AMD FX-6100 Six-Core	5387	735	21.30	\$253.00*
AMD FX-6120 Six-Core	5732	689	NA	NA
AMD FX-6130 Six-Core	6215	636	NA	NA
AMD FX-6200 Six-Core	6122	649	18.01	\$339.95*
AMD FX-6300 Six-Core	6388	622	91.28	\$69.99*
AMD FX-6330 Six-Core	6916	570	NA	NA
AMD FX-6350 Six-Core	7002	562	53.03	\$132.03*
AMD FX-7500 APU	3209	1194	NA	NA
AMD FX-7600P	4049	984	NA	NA
AMD FX-7600P APU	4627	871	NA	NA
AMD FX-8100 Eight-Core	5982	660	42.13	\$142.00*
AMD FX-8120 Eight-Core	6599	603	66.01	\$99.99*
AMD FX-8140 Eight-Core	6133	646	NA	NA
AMD FX-8150 Eight-Core	7631	504	5.28	\$1,445.01*
AMD FX-8300 Eight-Core	7729	493	69.02	\$112.00*
AMD FX-8310 Eight-Core	7760	490	NA	NA
AMD FX-8320 Eight-Core	8019	467	86.25	\$92.98*
AMD FX-8320E Eight-Core	7547	508	92.06	\$81.99*
AMD FX-8350 Eight-Core	8949	389	137.71	\$64.99
AMD FX-8370 Eight-Core	9031	381	37.21	\$242.72*
AMD FX-8370E Eight-Core	7802	486	41.28	\$189.00*
AMD FX-8800P	4136	971	NA	NA
AMD FX-9370 Eight-Core	9444	345	16.40	\$576.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-9590 Eight-Core	10196	274	57.30	\$177.95*
AMD FX-9800P	3980	999	NA	NA
AMD FX-9830P	4757	849	NA	NA
AMD FX-B4150 Quad-Core	4611	877	NA	NA
AMD G-T40E	467	2456	NA	NA
AMD G-T40N	516	2414	NA	NA
AMD G-T40R	203	2769	NA	NA
AMD G-T44R	227	2744	NA	NA
AMD G-T48E	724	2304	NA	NA
AMD G-T52R	308	2635	NA	NA
AMD G-T56E	751	2292	NA	NA
AMD G-T56N	793	2276	NA	NA
AMD Geode NX	264	2706	NA	NA
AMD Geode NX 1750	291	2662	NA	NA
AMD GX-210JA SOC	401	2532	NA	NA
AMD GX-212JC SOC	744	2297	NA	NA
AMD GX-217GA SOC	1103	2094	NA	NA
AMD GX-218GL SOC	1115	2083	NA	NA
AMD GX-222GC SOC	1255	2009	NA	NA
AMD GX-412HC	1497	1888	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD GX-415GA SOC	1946	1658	NA	NA
AMD GX-420CA SOC	2412	1464	NA	NA
AMD GX-424CC SOC	2491	1439	NA	NA
AMD K7	403	2526	NA	NA
AMD Opteron 140	396	2538	0.56	\$710.00*
AMD Opteron 142	428	2503	NA	NA
AMD Opteron 144	486	2439	7.48	\$65.00*
AMD Opteron 146	532	2403	8.87	\$59.99*
AMD Opteron 148	603	2365	NA	NA
AMD Opteron 150	604	2363	NA	NA
AMD Opteron 152	658	2335	NA	NA
AMD Opteron 154	703	2318	NA	NA
AMD Opteron 165	899	2227	1.47	\$610.00*
AMD Opteron 170	1097	2096	NA	NA
AMD Opteron 175	1167	2059	NA	NA
AMD Opteron 180	1234	2019	9.50	\$129.95*
AMD Opteron 185	1360	1947	NA	NA
AMD Opteron 246	632	2350	31.62	\$19.99*
AMD Opteron 248	476	2450	4.77	\$99.95*
AMD Opteron 250	649	2340	59.01	\$11.00*
AMD Opteron 252	760	2289	12.00	\$63.36*
AMD Opteron 254	693	2321	NA	NA
AMD Opteron 256	963	2183	50.72	\$19.00*
AMD Opteron 265	963	2184	6.02	\$159.95*
AMD Opteron 270	1083	2109	1.78	\$607.47*
AMD Opteron 275	1291	1986	19.87	\$64.99*
AMD Opteron 280	1176	2051	1.48	\$796.67*
AMD Opteron 285	1470	1897	NA	NA
AMD Opteron 290	1464	1900	10.85	\$135.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1210	923	2211	NA	NA
AMD Opteron 1210 HE	971	2175	NA	NA
AMD Opteron 1212	1009	2148	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1973	NA	NA
AMD Opteron 1214	1191	2044	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1978	NA	NA
AMD Opteron 1216	1311	1971	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2057	NA	NA
AMD Opteron 1218	1468	1899	NA	NA
AMD Opteron 1218 HE	1444	1908	NA	NA
AMD Opteron 1220	1653	1813	NA	NA
AMD Opteron 1222	1757	1746	NA	NA
AMD Opteron 1352	2316	1500	17.04	\$135.99*
AMD Opteron 1354	2630	1386	8.49	\$309.97*
AMD Opteron 1356	2765	1345	30.73	\$89.99*
AMD Opteron 1381	3065	1243	NA	NA
AMD Opteron 2212	1270	2001	63.53	\$20.00*
AMD Opteron 2214	1358	1949	46.85	\$29.00*
AMD Opteron 2214 HE	1415	1921	NA	NA
AMD Opteron 2216	1518	1877	66.35	\$22.88*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2218	1594	1844	49.18	\$32.42*
AMD Opteron 2220	1701	1782	1.15	\$1,475.16*
AMD Opteron 2220 SE	1398	1926	55.92	\$25.00*
AMD Opteron 2222	1843	1712	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1671	NA	NA
AMD Opteron 2350	2820	1325	10.45	\$269.99*
AMD Opteron 2356	2814	1328	15.49	\$181.65*
AMD Opteron 2373 EE	2789	1338	NA	NA
AMD Opteron 2374 HE	2951	1281	15.53	\$189.99*
AMD Opteron 2376	2283	1516	13.69	\$166.81*
AMD Opteron 2378	3179	1203	17.76	\$179.00*
AMD Opteron 2380	2640	1382	58.69	\$45.00*
AMD Opteron 2384	3538	1107	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1108	NA	NA
AMD Opteron 2393 SE	2246	1535	NA	NA
AMD Opteron 2427	3069	1241	31.00	\$99.00*
AMD Opteron 2431	4516	898	112.91	\$40.00*
AMD Opteron 2435	4708	856	24.91	\$189.00*
AMD Opteron 3260 HE	3259	1174	NA	NA
AMD Opteron 3280	5403	733	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1373	NA	NA
AMD Opteron 3350 HE	4009	990	NA	NA
AMD Opteron 3365	5963	663	NA	NA
AMD Opteron 3380	6384	624	7.89	\$809.00*
AMD Opteron 4122	2942	1283	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1209	NA	NA
AMD Opteron 4170 HE	3664	1076	62.11	\$59.00*
AMD Opteron 4184	4418	918	8.50	\$519.95*
AMD Opteron 4280	6430	617	128.60	\$50.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4284	6660	597	111.03	\$59.99*
AMD Opteron 4332 HE	5614	705	NA	NA
AMD Opteron 4334	6099	651	28.18	\$216.42*
AMD Opteron 4365 EE	5025	801	NA	NA
AMD Opteron 4386	6761	586	48.30	\$139.99*
AMD Opteron 6128	4505	899	30.24	\$149.00*
AMD Opteron 6134	2938	1284	66.81	\$43.99*
AMD Opteron 6136	4631	870	42.10	\$110.00*
AMD Opteron 6164 HE	5351	742	NA	NA
AMD Opteron 6172	5261	756	53.14	\$99.00*
AMD Opteron 6174	6171	642	62.34	\$99.00*
AMD Opteron 6176 SE	5465	724	34.37	\$159.00*
AMD Opteron 6212	5776	684	192.62	\$29.99*
AMD Opteron 6220	6785	581	113.11	\$59.99*
AMD Opteron 6234	5938	666	198.27	\$29.95*
AMD Opteron 6238	7673	502	127.92	\$59.99*
AMD Opteron 6272	6748	587	112.50	\$59.99*
AMD Opteron 6274	4865	832	105.80	\$45.99*
AMD Opteron 6276	8889	396	52.60	\$169.00*
AMD Opteron 6282 SE	9116	372	70.13	\$129.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6287 SE	9789	314	NA	NA
AMD Opteron 6328	7813	485	39.07	\$199.99*
AMD Opteron 6366 HE	7503	513	37.52	\$199.99*
AMD Opteron 6376	9414	347	30.37	\$310.00*
AMD Opteron 6378	2152	1569	10.76	\$199.99*
AMD Opteron 6380	10081	287	100.83	\$99.99*
AMD Opteron 6386 SE	10748	246	71.66	\$149.99*
AMD Opteron 8354	2255	1531	102.52	\$22.00*
AMD Opteron 8439 SE	3813	1037	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1245	NA	NA
AMD Opteron X3216 APU	2366	1487	NA	NA
AMD Opteron X3421 APU	4923	822	NA	NA
AMD Phenom 2 X4 12000	3005	1264	NA	NA
AMD Phenom 7950 Quad-Core	2991	1267	NA	NA
AMD Phenom 8250 Triple-Core	1644	1815	NA	NA
AMD Phenom 8250e Triple-Core	1619	1829	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1631	1823	NA	NA
AMD Phenom 8450 Triple-Core	1889	1691	63.09	\$29.95*
AMD Phenom 8450e Triple-Core	2040	1616	NA	NA
AMD Phenom 8600 Triple-Core	1706	1778	32.20	\$52.99*
AMD Phenom 8600B Triple-Core	1923	1668	36.29	\$52.99*
AMD Phenom 8650 Triple-Core	1989	1637	39.79	\$49.99*
AMD Phenom 8750 Triple-Core	2055	1612	NA	NA
AMD Phenom 8750B Triple-Core	2034	1619	NA	NA
AMD Phenom 8850 Triple-Core	1968	1649	NA	NA
AMD Phenom 8850B Triple-Core	2080	1602	NA	NA
AMD Phenom 9100e Quad-Core	1835	1717	45.96	\$39.95*
AMD Phenom 9150e Quad-Core	2112	1588	52.88	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1497	0.69	\$3,382.07*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9450e Quad-Core	2621	1389	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2203	1552	76.00	\$28.99*
AMD Phenom 9550 Quad-Core	2543	1419	87.73	\$28.99*
AMD Phenom 9600 Quad-Core	2306	1503	46.18	\$49.95*
AMD Phenom 9600B Quad-Core	2573	1408	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2636	1384	47.98	\$54.95*
AMD Phenom 9750 Quad-Core	2811	1331	95.34	\$29.49*
AMD Phenom 9750B Quad-Core	2709	1364	NA	NA
AMD Phenom 9850 Quad-Core	2891	1307	24.10	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1213	NA	NA
AMD Phenom 9950 Quad-Core	3013	1258	22.32	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1428	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1282	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1083	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1117	NA	NA
AMD Phenom II N620 Dual-Core	1679	1793	420.83	\$3.99*
AMD Phenom II N640 Dual-Core	1716	1768	26.43	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1707	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1379	NA	NA
AMD Phenom II N830 Triple-Core	1890	1689	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N850 Triple-Core	1935	1663	77.40	\$25.00*
AMD Phenom II N870 Triple-Core	1993	1634	NA	NA
AMD Phenom II N930 Quad-Core	2274	1522	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1442	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2521	1427	16.81	\$149.99*
AMD Phenom II P650 Dual-Core	1597	1842	45.66	\$35.00*
AMD Phenom II P820 Triple-Core	1604	1838	NA	NA
AMD Phenom II P840 Triple-Core	1741	1755	NA	NA
AMD Phenom II P860 Triple-Core	1759	1743	NA	NA
AMD Phenom II P920 Quad-Core	1866	1699	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1724	NA	NA
AMD Phenom II P960 Quad-Core	2085	1599	74.49	\$28.00*
AMD Phenom II X2 511	2104	1591	NA	NA
AMD Phenom II X2 521	2071	1606	NA	NA
AMD Phenom II X2 545	1914	1674	43.52	\$43.98*
AMD Phenom II X2 550	2023	1624	40.48	\$49.99*
AMD Phenom II X2 555	2046	1615	73.14	\$27.98*
AMD Phenom II X2 560	2056	1611	31.65	\$64.99*
AMD Phenom II X2 565	2211	1550	73.73	\$29.99*
AMD Phenom II X2 570	1960	1653	NA	NA
AMD Phenom II X2 B53	1709	1775	NA	NA
AMD Phenom II X2 B55	1918	1672	39.96	\$48.00*
AMD Phenom II X2 B57	1826	1722	NA	NA
AMD Phenom II X2 B59	2149	1570	110.34	\$19.48*
AMD Phenom II X3 700e	2242	1537	NA	NA
AMD Phenom II X3 705e	2227	1542	14.63	\$152.34*
AMD Phenom II X3 710	2446	1454	28.94	\$84.53*
AMD Phenom II X3 715	2649	1381	31.17	\$84.99*
AMD Phenom II X3 720	2669	1374	38.14	\$69.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 740	2985	1268	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1359	36.47	\$75.00*
AMD Phenom II X3 B75	2929	1289	73.25	\$39.99*
AMD Phenom II X3 B77	3067	1242	137.64	\$22.29*
AMD Phenom II X4 805	3001	1265	17.25	\$173.99*
AMD Phenom II X4 810	3122	1225	26.92	\$115.99*
AMD Phenom II X4 820	3396	1144	45.32	\$74.95*
AMD Phenom II X4 830	3434	1133	42.96	\$79.95*
AMD Phenom II X4 840	3508	1112	39.00	\$89.95*
AMD Phenom II X4 840T	3599	1089	51.43	\$69.99*
AMD Phenom II X4 850	3547	1104	54.59	\$64.99*
AMD Phenom II X4 900e	2882	1311	NA	NA
AMD Phenom II X4 905e	3078	1239	57.02	\$53.99*
AMD Phenom II X4 910	3252	1177	32.52	\$100.00*
AMD Phenom II X4 910e	3253	1175	20.72	\$156.99*
AMD Phenom II X4 920	3393	1146	34.28	\$98.99*
AMD Phenom II X4 925	3422	1135	77.79	\$43.99*
AMD Phenom II X4 940	3590	1091	60.50	\$59.34*
AMD Phenom II X4 945	3656	1078	56.30	\$64.95*
AMD Phenom II X4 955	3926	1014	30.17	\$130.16*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 960T	3785	1042	59.15	\$63.99*
AMD Phenom II X4 965	4186	961	47.03	\$89.01*
AMD Phenom II X4 970	4322	938	29.18	\$148.11*
AMD Phenom II X4 973	3759	1050	NA	NA
AMD Phenom II X4 975	4459	907	31.93	\$139.69*
AMD Phenom II X4 977	3750	1054	NA	NA
AMD Phenom II X4 980	4493	903	19.54	\$229.99*
AMD Phenom II X4 8700e	2377	1479	NA	NA
AMD Phenom II X4 B05e	2792	1335	NA	NA
AMD Phenom II X4 B15e	2736	1357	NA	NA
AMD Phenom II X4 B25	3297	1169	NA	NA
AMD Phenom II X4 B35	3383	1149	NA	NA
AMD Phenom II X4 B40	3361	1153	NA	NA
AMD Phenom II X4 B45	3470	1125	NA	NA
AMD Phenom II X4 B50	3698	1069	NA	NA
AMD Phenom II X4 B55	3855	1024	NA	NA
AMD Phenom II X4 B60	4043	985	NA	NA
AMD Phenom II X4 B65	4177	963	NA	NA
AMD Phenom II X4 B70	4261	945	NA	NA
AMD Phenom II X4 B93	3358	1154	NA	NA
AMD Phenom II X4 B95	3684	1075	50.51	\$72.95*
AMD Phenom II X4 B97	3868	1022	67.89	\$56.99*
AMD Phenom II X4 B99	4130	973	NA	NA
AMD Phenom II X6 1035T	4642	864	24.56	\$189.00*
AMD Phenom II X6 1045T	4804	841	44.48	\$108.01*
AMD Phenom II X6 1055T	4961	813	61.83	\$80.24*
AMD Phenom II X6 1065T	5047	796	NA	NA
AMD Phenom II X6 1075T	5337	748	47.24	\$112.99*
AMD Phenom II X6 1090T	5573	709	14.07	\$396.08*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1100T	5716	690	32.21	\$177.49*
AMD Phenom II X6 1405T	5042	799	NA	NA
AMD Phenom II X620 Dual-Core	2189	1558	NA	NA
AMD Phenom II X640 Dual-Core	2021	1625	NA	NA
AMD Phenom II X920 Quad-Core	2650	1380	NA	NA
AMD Phenom II X940 Quad-Core	2695	1367	NA	NA
AMD Phenom Ultra X4 24500	3945	1011	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1785	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1551	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1750	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2050	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1912	NA	NA
AMD Phenom X3 8550	1924	1667	11.33	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1745	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1633	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1540	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1306	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1362	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1368	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2035	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A4-3350B APU	2274	1523	NA	NA
AMD PRO A4-8350B	2791	1336	NA	NA
AMD PRO A6-7350B	2759	1349	NA	NA
AMD PRO A6-8500B	2516	1429	NA	NA
AMD PRO A6-8530B	2388	1475	NA	NA
AMD PRO A6-8550B	2970	1275	NA	NA
AMD PRO A6-8570	3049	1251	NA	NA
AMD PRO A6-8570E	2824	1323	NA	NA
AMD PRO A6-9500	3239	1185	43.77	\$74.00*
AMD PRO A6-9500B	2076	1604	NA	NA
AMD PRO A6-9500E	2760	1348	37.30	\$74.00*
AMD PRO A8-8600B	3544	1105	NA	NA
AMD PRO A8-8650B	5342	747	NA	NA
AMD PRO A8-8670E	5015	802	NA	NA
AMD PRO A8-9600	5277	755	44.35	\$119.00*
AMD PRO A8-9600B	3973	1002	NA	NA
AMD PRO A10-8700B	3577	1096	NA	NA
AMD PRO A10-8730B	3971	1003	NA	NA
AMD PRO A10-8750B	5473	719	NA	NA
AMD PRO A10-8770	5707	691	NA	NA
AMD PRO A10-8770E	5045	797	NA	NA
AMD PRO A10-8850B	5852	674	NA	NA
AMD PRO A10-9700	5677	698	33.59	\$169.00*
AMD PRO A10-9700B	4393	921	NA	NA
AMD PRO A10-9700E	5066	787	36.45	\$139.00*
AMD PRO A12-8800B	4137	970	NA	NA
AMD PRO A12-8830B	4325	936	NA	NA
AMD PRO A12-8870	6067	655	NA	NA
AMD PRO A12-8870E	5186	768	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A12-9800	6154	644	36.42	\$169.00*
AMD PRO A12-9800B	4132	972	NA	NA
AMD PRO A12-9800E	4769	848	28.22	\$169.00*
AMD QC-4000	1663	1807	NA	NA
AMD R-260H APU	1576	1850	NA	NA
AMD R-460L APU	1954	1655	NA	NA
AMD R-464L APU	3117	1227	NA	NA
AMD RX-427BB	4349	929	NA	NA
AMD Ryzen 3 1200	6733	588	74.82	\$89.99
AMD Ryzen 3 1300X	7501	514	55.57	\$134.99*
AMD Ryzen 3 2200G	7318	536	77.04	\$94.99
AMD Ryzen 3 2200GE	6818	577	NA	NA
AMD Ryzen 3 2200U	4517	897	NA	NA
AMD Ryzen 3 2300U	6187	638	NA	NA
AMD Ryzen 3 2300X	8547	423	NA	NA
AMD Ryzen 3 PRO 1200	7069	556	NA	NA
AMD Ryzen 3 PRO 1300	8022	466	NA	NA
AMD Ryzen 3 PRO 2200G	8042	463	NA	NA
AMD Ryzen 3 PRO 2200GE	7698	497	NA	NA
AMD Ryzen 3 PRO 2300U	7124	550	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 1400	8366	434	59.76	\$139.99
AMD Ryzen 5 1500X	10079	288	69.52	\$144.99
AMD Ryzen 5 1600	12279	202	64.63	\$189.99
AMD Ryzen 5 1600X	13226	178	73.49	\$179.99
AMD Ryzen 5 2400G	9304	354	68.93	\$134.99
AMD Ryzen 5 2400GE	7932	473	NA	NA
AMD Ryzen 5 2500U	7324	534	NA	NA
AMD Ryzen 5 2500X	9663	325	NA	NA
AMD Ryzen 5 2600	13551	173	82.13	\$164.99
AMD Ryzen 5 2600H	7949	472	NA	NA
AMD Ryzen 5 2600X	14362	148	77.64	\$184.99
AMD Ryzen 5 3550H	8743	407	NA	NA
AMD Ryzen 5 PRO 1500	10118	281	NA	NA
AMD Ryzen 5 PRO 1600	12213	205	NA	NA
AMD Ryzen 5 PRO 2400G	10015	292	NA	NA
AMD Ryzen 5 PRO 2400GE	9122	369	NA	NA
AMD Ryzen 5 PRO 2500U	8649	416	NA	NA
AMD Ryzen 5 PRO 2600	14407	145	NA	NA
AMD Ryzen 7 1700	13754	165	85.97	\$159.99
AMD Ryzen 7 1700X	14685	136	77.43	\$189.66*
AMD Ryzen 7 1800X	15410	122	64.21	\$239.99
AMD Ryzen 7 2700	15017	129	60.07	\$249.99
AMD Ryzen 7 2700U	7362	528	NA	NA
AMD Ryzen 7 2700X	16988	85	54.80	\$309.99
AMD Ryzen 7 2800H	8498	425	NA	NA
AMD Ryzen 7 PRO 1700	14171	151	NA	NA
AMD Ryzen 7 PRO 1700X	15349	123	NA	NA
AMD Ryzen 7 PRO 2700	15897	111	NA	NA
AMD Ryzen 7 PRO 2700U	8988	385	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 PRO 2700X	17276	82	NA	NA
AMD Ryzen Embedded V1202B	5051	792	NA	NA
AMD Ryzen Embedded V1605B	7864	477	NA	NA
AMD Ryzen Embedded V1807B	7529	510	NA	NA
AMD Ryzen Threadripper 1900X	16045	107	53.49	\$299.99
AMD Ryzen Threadripper 1920X	19344	60	48.36	\$399.99
AMD Ryzen Threadripper 1950X	21884	31	39.79	\$549.99
AMD Ryzen Threadripper 2920X	22086	29	33.98	\$649.99
AMD Ryzen Threadripper 2950X	25477	13	31.85	\$799.99
AMD Ryzen Threadripper 2970WX	21278	41	16.37	\$1,299.99
AMD Ryzen Threadripper 2990WX	23812	22	13.76	\$1,729.99
AMD Ryzen Threadripper 2990X	18311	72	NA	NA
AMD Sempron 130	656	2338	26.29	\$24.99*
AMD Sempron 140	735	2299	18.57	\$39.59*
AMD Sempron 145	806	2271	47.52	\$16.98*
AMD Sempron 150	707	2314	15.74	\$44.95*
AMD Sempron 200U	267	2702	3.08	\$87.00*
AMD Sempron 210U	391	2548	NA	NA
AMD Sempron 240	2110	1589	36.39	\$58.00*
AMD Sempron 2100+	392	2546	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2200+	281	2686	9.38	\$29.99*
AMD Sempron 2300+	318	2621	7.07	\$45.00*
AMD Sempron 2400+	314	2628	12.11	\$26.00*
AMD Sempron 2500+	335	2606	3.54	\$94.95*
AMD Sempron 2600+	373	2564	10.70	\$34.95*
AMD Sempron 2650 APU	944	2199	22.20	\$42.56*
AMD Sempron 2800+	383	2552	6.40	\$59.95*
AMD Sempron 3000+	409	2519	20.47	\$20.00*
AMD Sempron 3100+	452	2473	7.53	\$60.00*
AMD Sempron 3200+	406	2521	3.10	\$131.22*
AMD Sempron 3300+	484	2444	8.07	\$60.00*
AMD Sempron 3400+	453	2472	3.46	\$131.22*
AMD Sempron 3500+	379	2555	18.98	\$20.00*
AMD Sempron 3600+	487	2437	40.59	\$12.00*
AMD Sempron 3800+	554	2390	3.62	\$152.92*
AMD Sempron 3850 APU	1716	1770	32.04	\$53.56*
AMD Sempron Dual Core 2100	936	2201	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2159	NA	NA
AMD Sempron Dual Core 2300	982	2168	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2194	NA	NA
AMD Sempron Dual Core 4900	1081	2111	NA	NA
AMD Sempron LE-250	490	2431	NA	NA
AMD Sempron LE-1100	438	2490	NA	NA
AMD Sempron LE-1150	444	2481	NA	NA
AMD Sempron LE-1200	528	2404	NA	NA
AMD Sempron LE-1250	541	2396	5.41	\$99.95*
AMD Sempron LE-1300	605	2361	30.28	\$20.00*
AMD Sempron LE-1600	535	2401	NA	NA
AMD Sempron LE-1620	635	2348	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron LE-1640	759	2290	NA	NA
AMD Sempron M100	558	2389	46.58	\$12.00*
AMD Sempron M120	582	2374	NA	NA
AMD Sempron SI-40	443	2483	36.93	\$12.00*
AMD Sempron SI-42	456	2471	15.22	\$30.01*
AMD Sempron X2 180	1222	2027	17.62	\$69.40*
AMD Sempron X2 190	1512	1881	18.12	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1922	NA	NA
AMD Turion 64 Mobile MK-36	465	2458	NA	NA
AMD Turion 64 Mobile MK-38	513	2415	NA	NA
AMD Turion 64 Mobile ML-28	390	2549	NA	NA
AMD Turion 64 Mobile ML-30	402	2529	NA	NA
AMD Turion 64 Mobile ML-32	409	2516	NA	NA
AMD Turion 64 Mobile ML-34	425	2506	NA	NA
AMD Turion 64 Mobile ML-37	442	2484	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2409	NA	NA
AMD Turion 64 Mobile ML-42	615	2357	NA	NA
AMD Turion 64 Mobile ML-44	591	2368	NA	NA
AMD Turion 64 Mobile MT-28	419	2508	NA	NA
AMD Turion 64 Mobile MT-30	378	2556	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile MT-32	426	2505	NA	NA
AMD Turion 64 Mobile MT-34	429	2501	NA	NA
AMD Turion 64 Mobile MT-37	484	2443	NA	NA
AMD Turion 64 Mobile MT-40	536	2399	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2295	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2285	NA	NA
AMD Turion 64 X2 Mobile TL-56	889	2231	44.49	\$20.00*
AMD Turion 64 X2 Mobile TL-58	945	2196	NA	NA
AMD Turion 64 X2 Mobile TL-60	995	2160	45.34	\$21.95*
AMD Turion 64 X2 Mobile TL-62	1087	2104	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1094	2100	27.78	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2076	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2061	12.92	\$90.00*
AMD Turion Dual-Core RM-70	904	2225	36.16	\$25.00*
AMD Turion Dual-Core RM-72	860	2238	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2145	NA	NA
AMD Turion Dual-Core RM-75	977	2171	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1294	1983	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1974	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1958	NA	NA
AMD Turion II N530 Dual-Core	1583	1849	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1870	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2172	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2046	NA	NA
AMD Turion II Neo N40L Dual-Core	929	2207	NA	NA
AMD Turion II Neo N54L Dual-Core	1361	1945	NA	NA
AMD Turion II P520 Dual-Core	1357	1950	NA	NA
AMD Turion II P540 Dual-Core	1428	1913	28.61	\$49.95*
AMD Turion II P560 Dual-Core	1514	1880	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II Ultra Dual-Core Mobile M600	1406	1924	78.98	\$17.81*
AMD Turion II Ultra Dual-Core Mobile M620	1427	1914	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1803	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1866	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2267	NA	NA
AMD Turion X2 Dual Core L510	923	2213	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2241	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2120	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	993	2164	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1083	2108	4.83	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2119	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1137	2078	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2070	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1012	2146	72.31	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2107	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	2032	63.91	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2020	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1982	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1232	2023	30.86	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2158	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD TurionX2 Dual Core Mobile RM-72	1026	2138	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1905	NA	NA
AMD V105	299	2650	NA	NA
AMD V120	623	2355	NA	NA
AMD V140	642	2345	12.86	\$49.95*
AMD V160	677	2331	NA	NA
AMD Z-01	523	2408	NA	NA
AMD Z-60 APU	500	2426	NA	NA
AMD-K6 3D	90	2826	NA	NA
AMD-K6-III	108	2823	NA	NA
AMD-K7	403	2527	NA	NA
Athlon 64 Dual Core 3800+	1234	2021	NA	NA
Athlon 64 Dual Core 4200+	1156	2067	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	1940	NA	NA
Athlon 64 Dual Core 5000+	1507	1882	NA	NA
Athlon 64 Dual Core 5400+	1614	1832	NA	NA
Athlon 64 Dual Core 5600+	1548	1861	NA	NA
Athlon Dual Core 4050e	968	2178	NA	NA
Athlon Dual Core 4450e	1204	2038	NA	NA
Athlon Dual Core 4850e	1327	1964	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1319	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1084	2106	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1169	2058	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1201	2040	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	1997	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2036	NA	NA
HP Hexa-Core 2.0GHz	2178	1560	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2243	NA	NA
Intel 1400 @ 1.83GHz	980	2169	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel 1500 @ 2.00GHz	1024	2140	NA	NA
Intel Atom 230 @ 1.60GHz	306	2637	NA	NA
Intel Atom 330 @ 1.60GHz	587	2372	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2229	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2185	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1600	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1529	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1562	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	1039	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1159	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1212	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1450	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1422	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	835	14.62	\$332.00*
Intel Atom D410 @ 1.66GHz	301	2646	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2598	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2337	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	705	2316	NA	NA
Intel Atom D2500 @ 1.86GHz	402	2530	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2329	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D2560 @ 2.00GHz	711	2310	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2252	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2307	NA	NA
Intel Atom E660 @ 1.30GHz	271	2697	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2595	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2611	2.22	\$149.00*
Intel Atom E3825 @ 1.33GHz	579	2377	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2433	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2248	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2062	NA	NA
Intel Atom E3845 @ 1.91GHz	1499	1886	NA	NA
Intel Atom E3940 @ 1.60GHz	1889	1690	NA	NA
Intel Atom E3950 @ 1.60GHz	1855	1705	NA	NA
Intel Atom K510 @ 1.66GHz	658	2336	NA	NA
Intel Atom N270 @ 1.60GHz	268	2701	NA	NA
Intel Atom N280 @ 1.66GHz	283	2679	NA	NA
Intel Atom N435 @ 1.33GHz	261	2709	NA	NA
Intel Atom N450 @ 1.66GHz	296	2657	NA	NA
Intel Atom N455 @ 1.66GHz	283	2678	NA	NA
Intel Atom N470 @ 1.83GHz	307	2636	NA	NA
Intel Atom N475 @ 1.83GHz	314	2627	NA	NA
Intel Atom N550 @ 1.50GHz	526	2405	6.12	\$86.00*
Intel Atom N570 @ 1.66GHz	571	2383	6.65	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2642	NA	NA
Intel Atom N2600 @ 1.60GHz	525	2407	NA	NA
Intel Atom N2800 @ 1.86GHz	626	2352	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2217	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1617	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2268	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom x5-E8000 @ 1.04GHz	1623	1828	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1193	2042	8.98	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1018	2143	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1267	2003	60.37	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1696	1786	27.12	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1837	1716	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1898	1681	25.79	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1902	1678	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2777	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2753	NA	NA
Intel Atom Z520 @ 1.33GHz	216	2756	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2685	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2592	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2553	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2733	NA	NA
Intel Atom Z2760 @ 1.80GHz	565	2386	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2218	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2209	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2224	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2222	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3736F @ 1.33GHz	919	2216	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	2118	NA	NA
Intel Atom Z3740D @ 1.33GHz	1025	2139	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2114	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1034	2132	NA	NA
Intel Atom Z3770 @ 1.46GHz	1245	2017	8.34	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2272	NA	NA
Intel Atom Z3775 @ 1.46GHz	1258	2006	35.95	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1996	NA	NA
Intel Atom Z3795 @ 1.60GHz	1770	1741	NA	NA
Intel Celeron 1.70GHz	130	2816	NA	NA
Intel Celeron 1.80GHz	136	2813	NA	NA
Intel Celeron 2.00GHz	182	2789	NA	NA
Intel Celeron 2.10GHz	244	2731	NA	NA
Intel Celeron 2.13GHz	208	2764	NA	NA
Intel Celeron 2.20GHz	213	2759	NA	NA
Intel Celeron 2.26GHz	223	2748	NA	NA
Intel Celeron 2.30GHz	227	2745	NA	NA
Intel Celeron 2.40GHz	217	2754	NA	NA
Intel Celeron 2.50GHz	247	2725	NA	NA
Intel Celeron 2.53GHz	245	2729	NA	NA
Intel Celeron 2.60GHz	238	2736	NA	NA
Intel Celeron 2.66GHz	250	2722	NA	NA
Intel Celeron 2.70GHz	245	2730	NA	NA
Intel Celeron 2.80GHz	254	2715	NA	NA
Intel Celeron 2.93GHz	283	2677	NA	NA
Intel Celeron 3.06GHz	285	2674	NA	NA
Intel Celeron 3.20GHz	288	2667	NA	NA
Intel Celeron 3.33GHz	333	2609	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 215 @ 1.33GHz	322	2617	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2620	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2475	11.26	\$39.99*
Intel Celeron 430 @ 1.80GHz	490	2432	9.13	\$53.75*
Intel Celeron 440 @ 2.00GHz	546	2391	9.11	\$59.99*
Intel Celeron 450 @ 2.20GHz	624	2354	20.82	\$29.99*
Intel Celeron 530 @ 1.73GHz	468	2455	20.37	\$23.00*
Intel Celeron 540 @ 1.86GHz	518	2410	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2412	7.96	\$64.95*
Intel Celeron 560 @ 2.13GHz	535	2400	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2411	NA	NA
Intel Celeron 600MHz	147	2809	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2524	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2500	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2293	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2570	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2358	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2202	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1030	2134	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2074	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	2056	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	1987	NA	NA
Intel Celeron 887 @ 1.50GHz	1274	1998	NA	NA
Intel Celeron 900 @ 2.20GHz	678	2330	23.41	\$28.99*
Intel Celeron 925 @ 2.30GHz	695	2320	NA	NA
Intel Celeron 1000M @ 1.80GHz	1678	1795	NA	NA
Intel Celeron 1000MHz	213	2758	NA	NA
Intel Celeron 1005M @ 1.90GHz	1807	1727	NA	NA
Intel Celeron 1007U @ 1.50GHz	1391	1930	7.52	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1520	1872	NA	NA
Intel Celeron 1019Y @ 1.00GHz	931	2205	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1541	NA	NA
Intel Celeron 1037U @ 1.80GHz	1735	1760	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2045	NA	NA
Intel Celeron 1066MHz	259	2711	NA	NA
Intel Celeron 1100MHz	174	2795	NA	NA
Intel Celeron 1133MHz	282	2680	NA	NA
Intel Celeron 1200MHz	244	2732	NA	NA
Intel Celeron 1300MHz	288	2669	NA	NA
Intel Celeron 1333MHz	290	2663	NA	NA
Intel Celeron 1400MHz	302	2643	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1489	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1836	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1974	1643	NA	NA
Intel Celeron 2955U @ 1.40GHz	1420	1919	NA	NA
Intel Celeron 2957U @ 1.40GHz	1437	1911	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2086	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1502	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1846	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2981U @ 1.60GHz	1576	1851	NA	NA
Intel Celeron 3205U @ 1.50GHz	1494	1890	5.21	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1642	1816	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1781	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1636	NA	NA
Intel Celeron 3855U @ 1.60GHz	1666	1805	NA	NA
Intel Celeron 3865U @ 1.80GHz	1940	1660	NA	NA
Intel Celeron 3955U @ 2.00GHz	1879	1695	NA	NA
Intel Celeron 3965U @ 2.20GHz	2411	1465	22.54	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1630	1824	15.23	\$107.00*
Intel Celeron @ 1.30GHz	965	2179	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2783	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2264	NA	NA
Intel Celeron B800 @ 1.50GHz	1274	2000	NA	NA
Intel Celeron B810 @ 1.60GHz	1425	1916	NA	NA
Intel Celeron B815 @ 1.60GHz	1364	1943	NA	NA
Intel Celeron B820 @ 1.70GHz	1427	1915	36.32	\$39.29*
Intel Celeron B830 @ 1.80GHz	1516	1878	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1765	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2700	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron D 352 @ 3.20GHz	302	2644	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2624	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2605	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2525	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2446	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2373	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2242	7.80	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1046	2126	11.64	\$89.95*
Intel Celeron E1500 @ 2.20GHz	1176	2052	59.85	\$19.65*
Intel Celeron E1600 @ 2.40GHz	1255	2008	NA	NA
Intel Celeron E3200 @ 2.40GHz	1392	1929	26.78	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1386	1933	22.21	\$62.43*
Intel Celeron E3400 @ 2.60GHz	1438	1909	29.88	\$48.15*
Intel Celeron E3500 @ 2.70GHz	1454	1904	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	685	2325	13.71	\$49.99*
Intel Celeron G460 @ 1.80GHz	1029	2135	66.89	\$15.39*
Intel Celeron G465 @ 1.90GHz	1064	2117	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	1980	NA	NA
Intel Celeron G530 @ 2.40GHz	2131	1579	53.29	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1766	NA	NA
Intel Celeron G540 @ 2.50GHz	2199	1554	48.89	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1586	NA	NA
Intel Celeron G550 @ 2.60GHz	2289	1511	114.51	\$19.99*
Intel Celeron G550T @ 2.20GHz	2063	1608	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1462	60.57	\$40.00*
Intel Celeron G1101 @ 2.27GHz	1667	1804	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2489	1440	99.63	\$24.99*
Intel Celeron G1610T @ 2.30GHz	2286	1514	57.11	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2574	1405	16.76	\$153.59*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1620T @ 2.40GHz	2353	1491	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1438	49.89	\$49.99*
Intel Celeron G1820 @ 2.70GHz	2753	1352	30.60	\$89.99*
Intel Celeron G1820T @ 2.40GHz	2505	1434	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1576	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1418	26.80	\$94.95*
Intel Celeron G1840 @ 2.80GHz	2861	1315	21.89	\$130.71*
Intel Celeron G1840T @ 2.50GHz	2605	1395	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1295	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3152	1218	70.07	\$44.99*
Intel Celeron G3900E @ 2.40GHz	2679	1372	NA	NA
Intel Celeron G3900T @ 2.60GHz	2919	1293	NA	NA
Intel Celeron G3900TE @ 2.30GHz	2591	1400	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1224	39.05	\$79.98*
Intel Celeron G3930 @ 2.90GHz	3032	1253	59.27	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1344	32.17	\$85.99*
Intel Celeron G3950 @ 3.00GHz	3006	1263	42.21	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3268	1173	48.06	\$68.00*
Intel Celeron G4900T @ 2.90GHz	2960	1278	NA	NA
Intel Celeron G4920 @ 3.20GHz	3150	1219	47.02	\$66.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J1750 @ 2.41GHz	1037	2131	NA	NA
Intel Celeron J1800 @ 2.41GHz	1028	2136	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1833	NA	NA
Intel Celeron J1900 @ 1.99GHz	1845	1710	NA	NA
Intel Celeron J3060 @ 1.60GHz	972	2174	NA	NA
Intel Celeron J3160 @ 1.60GHz	1791	1733	NA	NA
Intel Celeron J3355 @ 2.00GHz	1180	2049	NA	NA
Intel Celeron J3455 @ 1.50GHz	2131	1578	5.61	\$379.99*
Intel Celeron J4005 @ 2.00GHz	1560	1857	11.11	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2633	1385	24.61	\$107.00*
Intel Celeron M 1.00GHz	207	2765	16.60	\$12.49*
Intel Celeron M 1.30GHz	316	2623	NA	NA
Intel Celeron M 1.50GHz	343	2600	NA	NA
Intel Celeron M 1.60GHz	365	2577	NA	NA
Intel Celeron M 1.70GHz	393	2545	NA	NA
Intel Celeron M 360 1.40GHz	328	2613	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2625	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2602	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2572	NA	NA
Intel Celeron M 440 @ 1.86GHz	397	2536	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2717	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2476	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2498	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2462	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2395	NA	NA
Intel Celeron M 600MHz	151	2807	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2470	NA	NA
Intel Celeron M 900MHz	204	2767	NA	NA
Intel Celeron M 1200MHz	275	2695	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 1300MHz	303	2640	NA	NA
Intel Celeron M 1500MHz	333	2610	NA	NA
Intel Celeron M ULV 800MHz	184	2787	NA	NA
Intel Celeron N2805 @ 1.46GHz	461	2466	NA	NA
Intel Celeron N2806 @ 1.60GHz	794	2275	NA	NA
Intel Celeron N2807 @ 1.58GHz	853	2247	NA	NA
Intel Celeron N2808 @ 1.58GHz	913	2219	NA	NA
Intel Celeron N2810 @ 2.00GHz	782	2278	5.59	\$139.99*
Intel Celeron N2815 @ 1.86GHz	856	2246	NA	NA
Intel Celeron N2820 @ 2.13GHz	930	2206	4.43	\$209.99*
Intel Celeron N2830 @ 2.16GHz	951	2191	NA	NA
Intel Celeron N2840 @ 2.16GHz	1002	2151	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2039	NA	NA
Intel Celeron N2920 @ 1.86GHz	1500	1885	NA	NA
Intel Celeron N2930 @ 1.83GHz	1628	1825	NA	NA
Intel Celeron N2940 @ 1.83GHz	1733	1761	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2226	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2181	NA	NA
Intel Celeron N3050 @ 1.60GHz	878	2232	6.07	\$144.88*
Intel Celeron N3060 @ 1.60GHz	989	2166	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N3150 @ 1.60GHz	1655	1812	NA	NA
Intel Celeron N3160 @ 1.60GHz	1671	1799	5.83	\$286.99*
Intel Celeron N3350 @ 1.10GHz	1107	2092	NA	NA
Intel Celeron N3450 @ 1.10GHz	1849	1708	11.54	\$160.20*
Intel Celeron N4000 @ 1.10GHz	1469	1898	13.73	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2323	1496	21.71	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1119	2080	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2162	NA	NA
Intel Celeron P4600 @ 2.00GHz	1337	1959	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2282	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2193	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2121	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1779	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2305	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2326	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2270	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2124	87.68	\$11.99*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2066	23.15	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1270	2002	211.69	\$6.00*
Intel Core2 Duo E4600 @ 2.40GHz	1385	1934	8.77	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1482	1894	54.93	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1109	2088	85.41	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1184	2048	23.70	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1289	1988	43.04	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1360	1948	27.21	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1458	1902	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1887	100.21	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1553	1860	103.65	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1789	56.47	\$29.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6750 @ 2.66GHz	1716	1769	166.62	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1948	1656	38.97	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1631	1822	33.30	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1727	1763	43.31	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1772	1740	61.15	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1875	1696	125.08	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1969	1647	16.42	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1520	1873	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1746	1751	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1886	1692	37.74	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1965	1650	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1490	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1992	1635	99.68	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1709	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1582	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2149	1571	13.61	\$157.95*
Intel Core2 Duo E8435 @ 3.06GHz	2127	1583	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2282	1517	57.08	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2404	1469	48.10	\$49.99*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1548	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo L7100 @ 1.20GHz	760	2288	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2327	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2261	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2249	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	964	2182	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2173	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2081	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	2116	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1325	1966	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	1985	64.61	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	1979	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	1920	35.42	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2197	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1876	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1437	1910	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2142	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1455	1903	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1865	31.24	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1623	1827	42.73	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1756	30.55	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1856	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1755	1748	1.76	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1738	1759	17.56	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1863	1700	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2013	1628	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2371	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1264	2005	5.00	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1676	1796	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	932	2204	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5200 @ 1.60GHz	832	2256	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	836	2255	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2265	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	933	2203	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	912	2220	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2223	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2212	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1042	2129	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1028	2137	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2163	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1093	2102	109.49	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1110	2087	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1195	2041	75.21	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1149	2071	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	2034	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1225	2026	81.77	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1286	1989	85.84	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1256	2007	32.64	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1361	1946	72.02	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1366	1942	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T7100 @ 1.80GHz	1017	2144	46.28	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1165	2060	11.66	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1115	2082	5.54	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1192	2043	38.48	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1247	2016	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1274	1999	29.64	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1381	1936	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1422	1918	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1586	1848	2.61	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1297	1981	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1471	1896	13.51	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1672	1798	28.85	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1740	1757	24.88	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1796	1731	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1805	1729	6.04	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1928	1665	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2019	1626	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2131	1577	5.34	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	872	2235	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2369	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2333	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2319	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2240	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1133	2079	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1790	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1079	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3634	1081	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3456	1128	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1872	1697	7.10	\$263.64*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1730	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1962	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1792	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1895	1685	4.62	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2063	1607	2.42	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4158	966	4.84	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	900	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	874	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	863	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2951	1280	73.81	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3285	1171	73.02	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2811	1330	122.29	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2981	1269	59.64	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3164	1211	13.19	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2524	1424	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1184	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3160	1214	63.22	\$49.99*
Intel Core2 Quad Q9400 @ 2.66GHz	3341	1160	98.31	\$33.99*
Intel Core2 Quad Q9450 @ 2.66GHz	3760	1049	105.33	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3537	1109	101.09	\$34.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9505 @ 2.83GHz	3559	1100	18.73	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3965	1006	89.14	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4163	964	59.49	\$69.99*
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1009	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	350	2591	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2632	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2510	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	465	2459	NA	NA
Intel Core 330 @ 1.60GHz	643	2344	NA	NA
Intel Core 860 @ 2.80GHz	4555	885	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2308	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2311	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2294	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2322	NA	NA
Intel Core Duo T2250 @ 1.73GHz	756	2291	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2302	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2286	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2273	49.69	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2260	NA	NA
Intel Core Duo T2500 @ 2.00GHz	867	2237	7.23	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2200	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2141	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2393	NA	NA
Intel Core Duo U2500 @ 1.20GHz	512	2416	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1662	NA	NA
Intel Core i3-330M @ 2.13GHz	1788	1736	36.82	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1075	2115	NA	NA
Intel Core i3-350M @ 2.27GHz	1892	1686	17.37	\$108.95*
Intel Core i3-370M @ 2.40GHz	2015	1627	50.45	\$39.96*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-380M @ 2.53GHz	2093	1596	34.93	\$59.95*
Intel Core i3-380UM @ 1.33GHz	1160	2065	NA	NA
Intel Core i3-390M @ 2.67GHz	2180	1559	55.99	\$38.95*
Intel Core i3-530 @ 2.93GHz	2567	1412	13.52	\$189.86*
Intel Core i3-540 @ 3.07GHz	2687	1369	107.59	\$24.98*
Intel Core i3-550 @ 3.20GHz	2828	1322	16.07	\$176.00*
Intel Core i3-560 @ 3.33GHz	2937	1285	16.32	\$179.95*
Intel Core i3-2100 @ 3.10GHz	3692	1073	61.54	\$59.99*
Intel Core i3-2100T @ 2.50GHz	2952	1279	49.21	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1059	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3706	1065	32.24	\$114.99*
Intel Core i3-2120 @ 3.30GHz	3927	1013	70.14	\$55.99*
Intel Core i3-2120T @ 2.60GHz	3172	1206	19.83	\$160.00*
Intel Core i3-2125 @ 3.30GHz	4019	988	19.42	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4068	982	58.12	\$69.99*
Intel Core i3-2140 @ 3.50GHz	4325	937	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1318	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2430	1458	54.02	\$44.99*
Intel Core i3-2312M @ 2.10GHz	2374	1480	NA	NA
Intel Core i3-2328M @ 2.20GHz	2539	1421	27.32	\$92.97*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2330E @ 2.20GHz	3073	1240	NA	NA
Intel Core i3-2330M @ 2.20GHz	2524	1423	14.83	\$170.20*
Intel Core i3-2332M @ 2.20GHz	2382	1477	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1764	NA	NA
Intel Core i3-2348M @ 2.30GHz	2614	1390	NA	NA
Intel Core i3-2350M @ 2.30GHz	2622	1387	71.25	\$36.81*
Intel Core i3-2357M @ 1.30GHz	1556	1859	NA	NA
Intel Core i3-2365M @ 1.40GHz	1678	1794	NA	NA
Intel Core i3-2367M @ 1.40GHz	1708	1776	NA	NA
Intel Core i3-2370M @ 2.40GHz	2776	1341	69.75	\$39.81*
Intel Core i3-2375M @ 1.50GHz	1774	1738	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1720	NA	NA
Intel Core i3-3110M @ 2.40GHz	3079	1238	38.52	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3219	1193	23.16	\$139.00*
Intel Core i3-3130M @ 2.60GHz	3405	1138	NA	NA
Intel Core i3-3210 @ 3.20GHz	4032	987	36.67	\$109.99*
Intel Core i3-3217U @ 1.80GHz	2303	1505	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1567	NA	NA
Intel Core i3-3220 @ 3.30GHz	4240	949	53.04	\$79.95*
Intel Core i3-3220T @ 2.80GHz	3694	1070	13.49	\$273.95*
Intel Core i3-3225 @ 3.30GHz	4340	932	36.48	\$119.00*
Intel Core i3-3227U @ 1.90GHz	2470	1447	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1783	NA	NA
Intel Core i3-3240 @ 3.40GHz	4314	940	15.25	\$282.99*
Intel Core i3-3240T @ 2.90GHz	3653	1080	NA	NA
Intel Core i3-3245 @ 3.40GHz	4441	909	55.52	\$79.99*
Intel Core i3-3250 @ 3.50GHz	4447	908	46.82	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1084	NA	NA
Intel Core i3-4000M @ 2.40GHz	3247	1181	16.24	\$199.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4005U @ 1.70GHz	2441	1456	NA	NA
Intel Core i3-4010U @ 1.70GHz	2437	1457	22.16	\$110.00*
Intel Core i3-4010Y @ 1.30GHz	1900	1680	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2163	1566	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2212	1549	NA	NA
Intel Core i3-4025U @ 1.90GHz	2782	1340	NA	NA
Intel Core i3-4030U @ 1.90GHz	2712	1363	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1433	NA	NA
Intel Core i3-4100M @ 2.50GHz	3443	1131	15.76	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	1020	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1302	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1250	NA	NA
Intel Core i3-4130 @ 3.40GHz	4799	843	41.74	\$115.00*
Intel Core i3-4130T @ 2.90GHz	4144	968	46.57	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4895	825	27.92	\$175.35*
Intel Core i3-4150T @ 3.00GHz	4229	951	18.39	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1294	NA	NA
Intel Core i3-4160 @ 3.60GHz	5051	793	26.31	\$192.00*
Intel Core i3-4160T @ 3.10GHz	4423	916	29.49	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5191	767	43.62	\$119.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4170T @ 3.20GHz	4549	888	21.67	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5091	778	28.29	\$179.99*
Intel Core i3-4330T @ 3.00GHz	4486	904	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1196	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	759	30.84	\$169.99*
Intel Core i3-4350 @ 3.60GHz	4963	811	29.20	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	941	NA	NA
Intel Core i3-4360 @ 3.70GHz	5460	725	37.92	\$143.99
Intel Core i3-4360T @ 3.20GHz	4636	867	NA	NA
Intel Core i3-4370 @ 3.80GHz	5611	706	13.52	\$415.00*
Intel Core i3-4370T @ 3.30GHz	4890	826	35.44	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	819	NA	NA
Intel Core i3-5005U @ 2.00GHz	2903	1300	NA	NA
Intel Core i3-5010U @ 2.10GHz	3055	1246	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	3007	1262	NA	NA
Intel Core i3-5020U @ 2.20GHz	3189	1200	6.95	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3663	1077	NA	NA
Intel Core i3-6006U @ 2.00GHz	3091	1233	NA	NA
Intel Core i3-6098P @ 3.60GHz	5424	730	40.56	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5486	718	45.34	\$120.99*
Intel Core i3-6100E @ 2.70GHz	3769	1047	NA	NA
Intel Core i3-6100H @ 2.70GHz	4249	947	NA	NA
Intel Core i3-6100T @ 3.20GHz	4857	834	25.57	\$189.99*
Intel Core i3-6100TE @ 2.70GHz	4337	933	NA	NA
Intel Core i3-6100U @ 2.30GHz	3603	1088	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	1030	NA	NA
Intel Core i3-6300 @ 3.80GHz	5840	677	33.19	\$175.98*
Intel Core i3-6300T @ 3.30GHz	5249	758	33.87	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6047	657	33.23	\$181.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7020U @ 2.30GHz	3499	1114	12.45	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5779	682	34.82	\$166.00*
Intel Core i3-7100H @ 3.00GHz	4696	858	20.87	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5047	795	56.72	\$89.00*
Intel Core i3-7100U @ 2.40GHz	3778	1045	8.47	\$446.23*
Intel Core i3-7101TE @ 3.40GHz	5196	766	44.42	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4099	978	14.59	\$281.00*
Intel Core i3-7167U @ 2.80GHz	4757	850	NA	NA
Intel Core i3-7300 @ 4.00GHz	6378	625	37.12	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	738	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6513	608	35.65	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6625	601	32.48	\$203.99
Intel Core i3-8100 @ 3.60GHz	8057	460	64.47	\$124.99*
Intel Core i3-8100B @ 3.60GHz	8431	430	63.39	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7467	515	53.72	\$139.00*
Intel Core i3-8109U @ 3.00GHz	6173	641	NA	NA
Intel Core i3-8121U @ 2.20GHz	4738	853	NA	NA
Intel Core i3-8130U @ 2.20GHz	5061	789	18.01	\$281.00*
Intel Core i3-8145U @ 2.10GHz	4604	879	16.39	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8654	415	45.41	\$190.61*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8300T @ 3.20GHz	8032	464	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9196	363	45.08	\$203.99
Intel Core i5 750S @ 2.40GHz	2197	1556	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1441	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3603	1086	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3741	1057	NA	NA
Intel Core i5-430M @ 2.27GHz	2098	1595	14.99	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	1955	NA	NA
Intel Core i5-450M @ 2.40GHz	2124	1584	66.51	\$31.95*
Intel Core i5-460M @ 2.53GHz	2326	1494	31.04	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	2112	NA	NA
Intel Core i5-480M @ 2.67GHz	2402	1470	29.81	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1536	NA	NA
Intel Core i5-520M @ 2.40GHz	2371	1484	33.88	\$69.99*
Intel Core i5-520UM @ 1.07GHz	1356	1951	NA	NA
Intel Core i5-540M @ 2.53GHz	2454	1451	12.92	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	1939	NA	NA
Intel Core i5-560M @ 2.67GHz	2583	1404	28.71	\$89.97*
Intel Core i5-560UM @ 1.33GHz	1664	1806	NA	NA
Intel Core i5-580M @ 2.67GHz	2593	1399	23.59	\$109.95*
Intel Core i5-650 @ 3.20GHz	3099	1232	36.23	\$85.55*
Intel Core i5-655K @ 3.20GHz	3399	1141	56.67	\$59.99*
Intel Core i5-660 @ 3.33GHz	3251	1178	9.29	\$349.95*
Intel Core i5-661 @ 3.33GHz	3183	1201	31.84	\$99.99*
Intel Core i5-670 @ 3.47GHz	3309	1166	36.77	\$89.99*
Intel Core i5-680 @ 3.60GHz	3509	1111	38.99	\$89.99*
Intel Core i5-750 @ 2.67GHz	3692	1072	39.90	\$92.55*
Intel Core i5-760 @ 2.80GHz	3887	1018	43.20	\$89.99*
Intel Core i5-2300 @ 2.80GHz	5352	741	66.92	\$79.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2310 @ 2.90GHz	5540	712	29.74	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5767	686	36.04	\$160.00*
Intel Core i5-2380P @ 3.10GHz	5749	688	31.94	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4227	952	42.32	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5965	662	41.14	\$144.99*
Intel Core i5-2400S @ 2.50GHz	4979	810	75.79	\$65.70*
Intel Core i5-2405S @ 2.50GHz	5082	782	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3166	1210	43.97	\$72.00*
Intel Core i5-2415M @ 2.30GHz	3299	1168	NA	NA
Intel Core i5-2430M @ 2.40GHz	3281	1172	39.02	\$84.11*
Intel Core i5-2435M @ 2.40GHz	3224	1189	NA	NA
Intel Core i5-2450M @ 2.50GHz	3400	1140	38.64	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6132	647	68.14	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2324	1495	NA	NA
Intel Core i5-2500 @ 3.30GHz	6336	629	21.12	\$299.99
Intel Core i5-2500K @ 3.30GHz	6478	612	56.33	\$115.00*
Intel Core i5-2500S @ 2.70GHz	5349	743	71.34	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4639	865	NA	NA
Intel Core i5-2510E @ 2.50GHz	3483	1119	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1165	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2520M @ 2.50GHz	3591	1090	21.17	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2100	1594	NA	NA
Intel Core i5-2540M @ 2.60GHz	3781	1043	65.18	\$58.02*
Intel Core i5-2550K @ 3.40GHz	6665	596	51.27	\$129.99*
Intel Core i5-2557M @ 1.70GHz	2685	1371	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1053	NA	NA
Intel Core i5-3210M @ 2.50GHz	3826	1033	51.69	\$74.02*
Intel Core i5-3230M @ 2.60GHz	3938	1012	14.48	\$272.04*
Intel Core i5-3317U @ 1.70GHz	3090	1234	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4121	974	36.96	\$111.51*
Intel Core i5-3330 @ 3.00GHz	5937	667	21.13	\$280.99*
Intel Core i5-3330S @ 2.70GHz	5678	697	59.78	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	681	NA	NA
Intel Core i5-3337U @ 1.80GHz	3222	1190	14.32	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1547	NA	NA
Intel Core i5-3340 @ 3.10GHz	6085	654	20.77	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4244	948	53.09	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	676	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6146	645	40.98	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4434	912	47.78	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4431	913	NA	NA
Intel Core i5-3427U @ 1.80GHz	3551	1102	8.45	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3632	1082	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1288	NA	NA
Intel Core i5-3450 @ 3.10GHz	6537	606	51.48	\$126.99*
Intel Core i5-3450S @ 2.80GHz	6219	635	62.20	\$99.99*
Intel Core i5-3470 @ 3.20GHz	6712	591	51.64	\$129.99
Intel Core i5-3470S @ 2.90GHz	6368	627	41.22	\$154.49*
Intel Core i5-3470T @ 2.90GHz	4484	905	14.52	\$308.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3475S @ 2.90GHz	6619	602	46.13	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6957	567	20.47	\$339.95*
Intel Core i5-3550S @ 3.00GHz	6906	571	20.25	\$341.01*
Intel Core i5-3570 @ 3.40GHz	7120	552	44.22	\$161.00*
Intel Core i5-3570K @ 3.40GHz	7174	547	51.62	\$139.00*
Intel Core i5-3570S @ 3.10GHz	6761	585	23.73	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5901	669	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3898	1017	NA	NA
Intel Core i5-4200H @ 2.80GHz	4440	910	NA	NA
Intel Core i5-4200M @ 2.50GHz	4033	986	49.73	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3292	1170	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1467	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2261	1530	NA	NA
Intel Core i5-4210H @ 2.90GHz	4534	896	NA	NA
Intel Core i5-4210M @ 2.60GHz	4194	958	13.53	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3402	1139	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2378	1478	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1528	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1301	NA	NA
Intel Core i5-4250U @ 1.30GHz	3450	1129	9.61	\$358.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4258U @ 2.40GHz	4082	980	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1098	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	926	NA	NA
Intel Core i5-4288U @ 2.60GHz	4342	931	NA	NA
Intel Core i5-4300M @ 2.60GHz	4426	915	NA	NA
Intel Core i5-4300U @ 1.90GHz	3741	1056	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2500	1437	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1273	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	954	NA	NA
Intel Core i5-4310M @ 2.70GHz	4632	869	NA	NA
Intel Core i5-4310U @ 2.00GHz	3758	1051	NA	NA
Intel Core i5-4330M @ 2.80GHz	4547	891	16.54	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4828	836	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1085	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	889	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1010	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1332	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6330	630	21.10	\$299.97*
Intel Core i5-4430S @ 2.70GHz	5938	665	37.12	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6507	609	13.09	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6219	634	13.43	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6715	590	23.99	\$279.99*
Intel Core i5-4460S @ 2.90GHz	6409	621	9.71	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4955	816	NA	NA
Intel Core i5-4570 @ 3.20GHz	7139	548	40.80	\$174.99*
Intel Core i5-4570R @ 2.70GHz	6770	582	NA	NA
Intel Core i5-4570S @ 2.90GHz	6809	578	27.70	\$245.86*
Intel Core i5-4570T @ 2.90GHz	4809	838	32.06	\$149.99*
Intel Core i5-4570TE @ 2.70GHz	3827	1032	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	7321	535	49.13	\$149.00*
Intel Core i5-4590S @ 3.00GHz	7058	557	36.01	\$195.99*
Intel Core i5-4590T @ 2.00GHz	5616	704	26.75	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7452	517	46.87	\$159.00*
Intel Core i5-4670K @ 3.40GHz	7634	503	22.21	\$343.81*
Intel Core i5-4670K CPT @ 3.40GHz	7411	525	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	524	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7327	533	34.40	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6168	643	23.81	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7674	501	17.44	\$439.97*
Intel Core i5-4690K @ 3.50GHz	7795	487	25.71	\$303.18*
Intel Core i5-4690S @ 3.20GHz	7449	518	16.57	\$449.53*
Intel Core i5-4690T @ 2.50GHz	6478	611	NA	NA
Intel Core i5-5200U @ 2.20GHz	3486	1118	NA	NA
Intel Core i5-5250U @ 1.60GHz	3584	1094	8.11	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4403	919	NA	NA
Intel Core i5-5287U @ 2.90GHz	4688	860	NA	NA
Intel Core i5-5300U @ 2.30GHz	3820	1034	7.41	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3482	1120	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	520	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-5675C @ 3.10GHz	8191	446	20.48	\$399.99*
Intel Core i5-5675R @ 3.10GHz	8054	462	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4145	967	NA	NA
Intel Core i5-6200U @ 2.30GHz	4019	989	NA	NA
Intel Core i5-6260U @ 1.80GHz	4360	927	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4960	815	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	851	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6087	653	NA	NA
Intel Core i5-6300U @ 2.40GHz	4375	924	NA	NA
Intel Core i5-6360U @ 2.00GHz	4880	828	NA	NA
Intel Core i5-6400 @ 2.70GHz	6765	584	31.66	\$213.66*
Intel Core i5-6400T @ 2.20GHz	5616	703	35.50	\$158.23*
Intel Core i5-6402P @ 2.80GHz	7110	553	37.43	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	683	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6792	580	NA	NA
Intel Core i5-6500 @ 3.20GHz	7244	541	21.56	\$336.00*
Intel Core i5-6500T @ 2.50GHz	6284	632	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6539	605	31.14	\$209.99*
Intel Core i5-6600 @ 3.30GHz	7772	489	29.90	\$259.94*
Intel Core i5-6600K @ 3.50GHz	8061	459	32.64	\$246.99*
Intel Core i5-6600T @ 2.70GHz	7337	532	30.57	\$239.99*
Intel Core i5-7200U @ 2.50GHz	4612	875	NA	NA
Intel Core i5-7260U @ 2.20GHz	5680	695	5.63	\$1,009.00*
Intel Core i5-7267U @ 3.10GHz	5098	777	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	701	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6802	579	NA	NA
Intel Core i5-7300U @ 2.60GHz	5184	769	11.27	\$459.99*
Intel Core i5-7360U @ 2.30GHz	5812	679	NA	NA
Intel Core i5-7400 @ 3.00GHz	7340	531	33.59	\$218.53*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7400T @ 2.40GHz	6418	620	31.01	\$206.99*
Intel Core i5-7440HQ @ 2.80GHz	7703	496	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	6262	633	25.05	\$250.00*
Intel Core i5-7500 @ 3.40GHz	8026	465	32.11	\$249.94*
Intel Core i5-7500T @ 2.70GHz	7008	561	24.83	\$282.33*
Intel Core i5-7600 @ 3.50GHz	8729	408	35.78	\$243.99
Intel Core i5-7600K @ 3.80GHz	9120	371	29.47	\$309.53*
Intel Core i5-7600T @ 2.80GHz	8089	457	23.70	\$341.40*
Intel Core i5-7640X @ 4.00GHz	9533	332	27.77	\$343.28*
Intel Core i5-8200Y @ 1.30GHz	4206	957	14.46	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4057	983	NA	NA
Intel Core i5-8250U @ 1.60GHz	7677	500	NA	NA
Intel Core i5-8259U @ 2.30GHz	11000	239	16.63	\$661.29*
Intel Core i5-8265U @ 1.60GHz	8119	456	27.34	\$297.00*
Intel Core i5-8300H @ 2.30GHz	9495	334	37.98	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8946	391	NA	NA
Intel Core i5-8350U @ 1.70GHz	8244	440	27.76	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11634	219	58.17	\$199.99
Intel Core i5-8400H @ 2.50GHz	10116	282	40.47	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9598	329	40.16	\$239.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8500 @ 3.00GHz	11954	214	53.14	\$224.99*
Intel Core i5-8500B @ 3.00GHz	12639	194	65.83	\$192.00*
Intel Core i5-8500T @ 2.10GHz	10002	295	45.81	\$218.34*
Intel Core i5-8600 @ 3.10GHz	12631	195	50.73	\$248.99*
Intel Core i5-8600K @ 3.60GHz	12768	189	48.19	\$264.99*
Intel Core i5-8600T @ 2.30GHz	10875	243	29.08	\$373.99*
Intel Core i5-9400 @ 2.90GHz	11656	218	64.05	\$182.00*
Intel Core i5-9400F @ 2.90GHz	12142	209	71.43	\$169.99
Intel Core i5-9600K @ 3.70GHz	13484	175	50.89	\$264.99
Intel Core i5-24050S @ 2.50GHz	4928	820	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3758	1052	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1648	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1417	NA	NA
Intel Core i7-620LM @ 2.00GHz	1947	1657	NA	NA
Intel Core i7-620M @ 2.67GHz	2723	1361	24.76	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	1967	NA	NA
Intel Core i7-640LM @ 2.13GHz	2251	1532	NA	NA
Intel Core i7-640M @ 2.80GHz	2830	1321	14.16	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1661	1808	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1753	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1774	NA	NA
Intel Core i7-720QM @ 1.60GHz	3010	1259	27.38	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3194	1199	29.05	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3227	1187	23.22	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3408	1137	11.75	\$289.97*
Intel Core i7-860 @ 2.80GHz	5002	806	56.85	\$87.99*
Intel Core i7-860S @ 2.53GHz	4711	855	23.56	\$199.99*
Intel Core i7-870 @ 2.93GHz	5332	750	56.13	\$95.00*
Intel Core i7-870S @ 2.67GHz	4917	824	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-875K @ 2.93GHz	5425	729	12.06	\$449.99*
Intel Core i7-880 @ 3.07GHz	5523	716	9.47	\$583.00*
Intel Core i7-920 @ 2.67GHz	4920	823	28.28	\$174.00*
Intel Core i7-920XM @ 2.00GHz	3734	1060	1.11	\$3,375.00*
Intel Core i7-930 @ 2.80GHz	5138	773	39.53	\$129.99*
Intel Core i7-940 @ 2.93GHz	5343	745	51.39	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3959	1007	NA	NA
Intel Core i7-950 @ 3.07GHz	5547	711	26.54	\$209.00*
Intel Core i7-960 @ 3.20GHz	5806	680	19.94	\$291.28*
Intel Core i7-965 @ 3.20GHz	5856	673	41.83	\$139.99*
Intel Core i7-970 @ 3.20GHz	8369	433	55.80	\$149.98*
Intel Core i7-975 @ 3.33GHz	6125	648	34.03	\$179.99*
Intel Core i7-980 @ 3.33GHz	8643	418	43.22	\$199.98*
Intel Core i7-980X @ 3.33GHz	8755	406	7.89	\$1,109.95*
Intel Core i7-985 @ 3.47GHz	6641	598	NA	NA
Intel Core i7-990X @ 3.47GHz	9068	375	25.91	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	313	NA	NA
Intel Core i7-2600 @ 3.40GHz	8190	447	35.19	\$232.72*
Intel Core i7-2600K @ 3.40GHz	8430	431	44.38	\$189.98*
Intel Core i7-2600S @ 2.80GHz	7081	554	48.67	\$145.50*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2610UE @ 1.50GHz	2481	1443	NA	NA
Intel Core i7-2617M @ 1.50GHz	2824	1324	NA	NA
Intel Core i7-2620M @ 2.70GHz	3840	1027	22.62	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5528	715	24.04	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1403	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5456	726	NA	NA
Intel Core i7-2637M @ 1.70GHz	2901	1303	NA	NA
Intel Core i7-2640M @ 2.80GHz	3921	1016	21.09	\$185.97*
Intel Core i7-2655LE @ 2.20GHz	3196	1198	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5882	672	42.32	\$139.00*
Intel Core i7-2675QM @ 2.20GHz	5531	714	NA	NA
Intel Core i7-2677M @ 1.80GHz	2820	1326	NA	NA
Intel Core i7-2700K @ 3.50GHz	8686	413	45.12	\$192.50*
Intel Core i7-2710QE @ 2.10GHz	5768	685	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	739	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6116	650	32.20	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6579	604	41.17	\$159.81*
Intel Core i7-2820QM @ 2.30GHz	6641	599	18.66	\$355.95*
Intel Core i7-2840QM @ 2.40GHz	6766	583	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6987	563	11.65	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7039	559	15.98	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7239	542	17.66	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3587	1093	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1161	NA	NA
Intel Core i7-3520M @ 2.90GHz	4547	890	19.35	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3845	1026	NA	NA
Intel Core i7-3540M @ 3.00GHz	4664	862	10.85	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1004	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	614	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3610QM @ 2.30GHz	7460	516	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	592	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6821	576	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	530	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7387	527	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7581	507	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6934	569	29.13	\$238.05*
Intel Core i7-3635QM @ 2.40GHz	6673	595	NA	NA
Intel Core i7-3667U @ 2.00GHz	3999	993	NA	NA
Intel Core i7-3687U @ 2.10GHz	4186	960	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1192	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8126	455	22.64	\$359.00*
Intel Core i7-3740QM @ 2.70GHz	8332	436	34.73	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9282	357	21.39	\$433.99
Intel Core i7-3770K @ 3.50GHz	9511	333	37.08	\$256.50*
Intel Core i7-3770S @ 3.10GHz	8893	394	45.26	\$196.50*
Intel Core i7-3770T @ 2.50GHz	8204	445	24.86	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8992	384	44.96	\$199.99*
Intel Core i7-3820QM @ 2.70GHz	8422	432	17.30	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8786	403	26.23	\$335.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3920XM @ 2.90GHz	9156	365	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11978	212	30.02	\$398.98*
Intel Core i7-3940XM @ 3.00GHz	9286	356	17.23	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12596	197	13.85	\$909.78*
Intel Core i7-3970X @ 3.50GHz	12673	193	15.65	\$809.99*
Intel Core i7-4500U @ 1.80GHz	3793	1041	NA	NA
Intel Core i7-4510U @ 2.00GHz	3924	1015	NA	NA
Intel Core i7-4550U @ 1.50GHz	3713	1064	NA	NA
Intel Core i7-4558U @ 2.80GHz	4391	922	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	935	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	845	NA	NA
Intel Core i7-4600M @ 2.90GHz	4885	827	NA	NA
Intel Core i7-4600U @ 2.10GHz	4102	977	NA	NA
Intel Core i7-4610M @ 3.00GHz	4960	814	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1055	NA	NA
Intel Core i7-4650U @ 1.70GHz	3966	1005	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	546	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7725	495	20.17	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7688	498	40.68	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7426	523	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7122	551	21.13	\$337.04*
Intel Core i7-4710HQ @ 2.50GHz	7728	494	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7988	470	29.42	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7517	511	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7210	545	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7996	469	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8063	458	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8218	443	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	421	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4765T @ 2.00GHz	7308	538	18.27	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9780	316	49.15	\$199.00*
Intel Core i7-4770HQ @ 2.20GHz	8948	390	NA	NA
Intel Core i7-4770K @ 3.50GHz	10084	286	24.98	\$403.61*
Intel Core i7-4770R @ 3.20GHz	9822	308	NA	NA
Intel Core i7-4770S @ 3.10GHz	9344	351	37.38	\$249.99*
Intel Core i7-4770T @ 2.50GHz	8587	422	21.47	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	589	NA	NA
Intel Core i7-4771 @ 3.50GHz	9869	305	16.18	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7617	505	NA	NA
Intel Core i7-4790 @ 3.60GHz	9985	296	34.55	\$288.99*
Intel Core i7-4790K @ 4.00GHz	11175	228	36.40	\$306.99*
Intel Core i7-4790S @ 3.20GHz	9574	330	20.72	\$462.13*
Intel Core i7-4790T @ 2.70GHz	9083	374	25.30	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8463	427	41.49	\$204.00*
Intel Core i7-4810MQ @ 2.80GHz	8647	417	20.35	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9712	323	44.15	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9043	379	20.84	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7818	484	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9270	359	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4870HQ @ 2.50GHz	9367	350	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8985	387	15.32	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9385	349	20.41	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13009	183	21.71	\$599.28*
Intel Core i7-4930MX @ 3.00GHz	9487	336	8.66	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9908	301	13.96	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9807	311	15.74	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13800	164	17.92	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10244	272	NA	NA
Intel Core i7-5500U @ 2.40GHz	3978	1000	NA	NA
Intel Core i7-5550U @ 2.00GHz	3686	1074	NA	NA
Intel Core i7-5557U @ 3.10GHz	4954	817	7.03	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4315	939	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	953	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	449	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	441	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8365	435	NA	NA
Intel Core i7-5775C @ 3.30GHz	10981	240	16.00	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10868	244	NA	NA
Intel Core i7-5820K @ 3.30GHz	12985	184	43.29	\$299.99*
Intel Core i7-5850EQ @ 2.70GHz	9817	310	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	341	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13633	168	27.32	\$498.98*
Intel Core i7-5950HQ @ 2.90GHz	10932	242	NA	NA
Intel Core i7-5960X @ 3.00GHz	15947	110	13.40	\$1,190.12*
Intel Core i7-6498DU @ 2.50GHz	4538	895	NA	NA
Intel Core i7-6500U @ 2.50GHz	4429	914	NA	NA
Intel Core i7-6560U @ 2.20GHz	4809	839	NA	NA
Intel Core i7-6567U @ 3.30GHz	5656	702	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6600U @ 2.60GHz	4801	842	NA	NA
Intel Core i7-6650U @ 2.20GHz	4963	812	NA	NA
Intel Core i7-6700 @ 3.40GHz	10004	294	29.87	\$335.00*
Intel Core i7-6700HQ @ 2.60GHz	8132	452	21.52	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11109	232	24.87	\$446.79*
Intel Core i7-6700T @ 2.80GHz	9025	383	30.08	\$300.00*
Intel Core i7-6700TE @ 2.40GHz	8696	410	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9722	322	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13582	172	29.66	\$458.00*
Intel Core i7-6820EQ @ 2.80GHz	8758	405	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9120	370	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8767	404	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	618	NA	NA
Intel Core i7-6850K @ 3.60GHz	14367	146	26.12	\$550.00*
Intel Core i7-6900K @ 3.20GHz	17683	78	14.74	\$1,199.98*
Intel Core i7-6920HQ @ 2.90GHz	9599	328	16.90	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19949	50	12.24	\$1,630.00*
Intel Core i7-7500U @ 2.70GHz	5159	771	NA	NA
Intel Core i7-7560U @ 2.40GHz	5849	675	NA	NA
Intel Core i7-7567U @ 3.50GHz	6496	610	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7600U @ 2.80GHz	5089	779	NA	NA
Intel Core i7-7660U @ 2.50GHz	6015	659	NA	NA
Intel Core i7-7700 @ 3.60GHz	10732	248	32.04	\$334.99
Intel Core i7-7700HQ @ 2.80GHz	8818	402	NA	NA
Intel Core i7-7700K @ 4.20GHz	12035	211	34.39	\$349.99
Intel Core i7-7700T @ 2.90GHz	9275	358	25.41	\$365.00
Intel Core i7-7740X @ 4.30GHz	12273	203	20.46	\$599.99*
Intel Core i7-7800X @ 3.50GHz	14602	139	35.69	\$409.18*
Intel Core i7-7820HK @ 2.90GHz	9982	297	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9265	360	24.51	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18493	69	27.52	\$672.04*
Intel Core i7-7900X @ 3.30GHz	20153	48	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9968	299	NA	NA
Intel Core i7-8086K @ 4.00GHz	16683	89	30.17	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3721	1062	9.47	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8304	438	NA	NA
Intel Core i7-8559U @ 2.70GHz	12254	204	NA	NA
Intel Core i7-8565U @ 1.80GHz	9048	378	NA	NA
Intel Core i7-8650U @ 1.90GHz	8823	401	NA	NA
Intel Core i7-8700 @ 3.20GHz	15143	127	48.07	\$314.99
Intel Core i7-8700B @ 3.20GHz	14869	133	49.08	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15968	109	42.02	\$379.99
Intel Core i7-8700T @ 2.40GHz	12738	190	25.03	\$509.00*
Intel Core i7-8705G @ 3.10GHz	10014	293	NA	NA
Intel Core i7-8706G @ 3.10GHz	10549	256	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	317	NA	NA
Intel Core i7-8750H @ 2.20GHz	12478	198	31.59	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11039	237	NA	NA
Intel Core i7-8850H @ 2.60GHz	13149	180	33.29	\$395.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-9700K @ 3.60GHz	17265	83	41.11	\$419.99
Intel Core i7-9800X @ 3.80GHz	20015	49	31.77	\$629.99*
Intel Core i9-7900X @ 3.30GHz	21875	32	20.85	\$1,048.99
Intel Core i9-7920X @ 2.90GHz	23296	23	19.41	\$1,199.99
Intel Core i9-7940X @ 3.10GHz	25387	15	18.15	\$1,399.00
Intel Core i9-7960X @ 2.80GHz	25819	12	18.44	\$1,399.99
Intel Core i9-7980XE @ 2.60GHz	27921	6	13.62	\$2,049.99
Intel Core i9-8950HK @ 2.90GHz	14437	144	24.76	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21500	37	25.29	\$849.99
Intel Core i9-9900K @ 3.60GHz	20176	47	38.07	\$529.99
Intel Core i9-9900X @ 3.50GHz	22896	25	22.90	\$999.99
Intel Core i9-9920X @ 3.50GHz	25942	11	21.62	\$1,199.99
Intel Core i9-9940X @ 3.30GHz	27141	8	17.08	\$1,589.00*
Intel Core i9-9960X @ 3.10GHz	30160	1	17.23	\$1,749.99*
Intel Core i9-9980XE @ 3.00GHz	29052	2	14.53	\$1,999.99
Intel Core m3-6Y30 @ 0.90GHz	3051	1248	10.86	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3553	1101	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3052	1247	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3461	1127	12.32	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3375	1151	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core m5-6Y57 @ 1.10GHz	3244	1183	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3476	1122	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2702	1366	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1476	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2817	1327	10.02	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1320	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2477	1444	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1257	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2973	1272	10.58	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2544	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2537	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2454	NA	NA
Intel Core Solo U1300 @ 1.06GHz	271	2698	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2691	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2612	NA	NA
Intel E3000 @ 3.40GHz	2767	1342	NA	NA
Intel Pentium 4 1.40GHz	164	2798	NA	NA
Intel Pentium 4 1.50GHz	131	2815	NA	NA
Intel Pentium 4 1.60GHz	129	2817	NA	NA
Intel Pentium 4 1.70GHz	132	2814	NA	NA
Intel Pentium 4 1.80GHz	160	2801	NA	NA
Intel Pentium 4 1.90GHz	159	2802	NA	NA
Intel Pentium 4 2.00GHz	189	2780	NA	NA
Intel Pentium 4 2.20GHz	209	2762	NA	NA
Intel Pentium 4 2.26GHz	221	2750	NA	NA
Intel Pentium 4 2.40GHz	228	2743	NA	NA
Intel Pentium 4 2.50GHz	245	2728	NA	NA
Intel Pentium 4 2.53GHz	248	2724	NA	NA
Intel Pentium 4 2.60GHz	288	2670	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	2716	NA	NA
Intel Pentium 4 2.80GHz	322	2618	NA	NA
Intel Pentium 4 2.93GHz	299	2652	NA	NA
Intel Pentium 4 3.00GHz	353	2589	NA	NA
Intel Pentium 4 3.06GHz	347	2593	NA	NA
Intel Pentium 4 3.20GHz	374	2561	NA	NA
Intel Pentium 4 3.40GHz	396	2539	NA	NA
Intel Pentium 4 3.46GHz	487	2434	NA	NA
Intel Pentium 4 3.60GHz	487	2436	NA	NA
Intel Pentium 4 3.73GHz	486	2438	NA	NA
Intel Pentium 4 3.80GHz	485	2440	NA	NA
Intel Pentium 4 3.83GHz	195	2775	NA	NA
Intel Pentium 4 4.00GHz	184	2785	NA	NA
Intel Pentium 4 1300MHz	119	2821	NA	NA
Intel Pentium 4 1400MHz	127	2818	NA	NA
Intel Pentium 4 1500MHz	125	2819	NA	NA
Intel Pentium 4 1600MHz	193	2779	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2805	NA	NA
Intel Pentium 4 1800MHz	162	2800	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2808	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 1.50GHz	197	2774	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2791	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2763	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2794	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2761	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2770	NA	NA
Intel Pentium 5 2.66GHz	705	2315	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2098	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1160	2064	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2072	NA	NA
Intel Pentium 987 @ 1.50GHz	1230	2024	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	1928	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1355	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1256	NA	NA
Intel Pentium 2020M @ 2.40GHz	2274	1520	16.98	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2405	1468	17.95	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1655	1811	12.35	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1820	1725	13.58	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2122	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2289	1510	NA	NA
Intel Pentium 3556U @ 1.70GHz	1697	1784	NA	NA
Intel Pentium 3558U @ 1.70GHz	1681	1791	NA	NA
Intel Pentium 3560M @ 2.40GHz	2270	1526	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2004	NA	NA
Intel Pentium 3805U @ 1.90GHz	1981	1640	NA	NA
Intel Pentium 3825U @ 1.90GHz	2522	1425	NA	NA
Intel Pentium 4405U @ 2.10GHz	2926	1290	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1609	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2047	1614	12.72	\$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	3142	1220	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2226	1544	13.83	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3246	1182	20.17	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1837	NA	NA
Intel Pentium B940 @ 2.00GHz	1727	1762	57.71	\$29.94*
Intel Pentium B950 @ 2.10GHz	1716	1767	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1706	37.81	\$48.99*
Intel Pentium B970 @ 2.30GHz	1959	1654	38.44	\$50.99*
Intel Pentium B980 @ 2.40GHz	2028	1620	29.01	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1038	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	532	2402	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2346	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2375	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2312	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2298	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2269	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2236	5.50	\$157.95*
Intel Pentium E2160 @ 1.80GHz	998	2157	28.53	\$35.00*
Intel Pentium E2180 @ 2.00GHz	1088	2103	54.44	\$19.99*
Intel Pentium E2200 @ 2.20GHz	1205	2037	16.07	\$75.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E2210 @ 2.20GHz	1174	2054	NA	NA
Intel Pentium E2220 @ 2.40GHz	1328	1963	8.41	\$157.95*
Intel Pentium E5200 @ 2.50GHz	1486	1891	16.53	\$89.95*
Intel Pentium E5300 @ 2.60GHz	1539	1864	77.16	\$19.95*
Intel Pentium E5400 @ 2.70GHz	1597	1843	79.93	\$19.99*
Intel Pentium E5500 @ 2.80GHz	1641	1818	82.26	\$19.95*
Intel Pentium E5700 @ 3.00GHz	1738	1758	116.01	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1890	1687	63.05	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1710	1773	166.08	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1762	1742	11.16	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1862	1701	18.63	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1934	1664	113.89	\$16.99*
Intel Pentium E6800 @ 3.33GHz	1984	1639	22.30	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2221	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2177	NA	NA
Intel Pentium G620 @ 2.60GHz	2293	1509	91.76	\$24.99*
Intel Pentium G620T @ 2.20GHz	2028	1621	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2372	1481	23.73	\$100.00*
Intel Pentium G630T @ 2.30GHz	2089	1597	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2521	1426	28.02	\$90.00*
Intel Pentium G640T @ 2.40GHz	1979	1642	NA	NA
Intel Pentium G645 @ 2.90GHz	2589	1401	27.26	\$95.00*
Intel Pentium G645T @ 2.50GHz	2288	1512	NA	NA
Intel Pentium G840 @ 2.80GHz	2561	1413	73.22	\$34.99*
Intel Pentium G850 @ 2.90GHz	2664	1376	88.85	\$29.99*
Intel Pentium G860 @ 3.00GHz	2743	1354	91.48	\$29.99*
Intel Pentium G870 @ 3.10GHz	2814	1329	29.01	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2594	1397	74.38	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2756	1350	45.98	\$59.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2020T @ 2.50GHz	2469	1448	51.87	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2867	1312	71.72	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2511	1432	39.24	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1347	NA	NA
Intel Pentium G2120 @ 3.10GHz	3081	1237	19.32	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3205	1195	64.12	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3384	1148	67.71	\$49.99*
Intel Pentium G3220 @ 3.00GHz	3128	1223	26.08	\$119.95*
Intel Pentium G3220T @ 2.60GHz	2568	1410	36.70	\$69.99*
Intel Pentium G3240 @ 3.10GHz	3158	1215	21.39	\$147.68*
Intel Pentium G3240T @ 2.70GHz	2840	1316	NA	NA
Intel Pentium G3250 @ 3.20GHz	3252	1176	29.58	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2971	1274	33.02	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3879	1019	20.61	\$188.28*
Intel Pentium G3260 @ 3.30GHz	3356	1155	31.97	\$104.99*
Intel Pentium G3260T @ 2.90GHz	2930	1287	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1474	NA	NA
Intel Pentium G3420 @ 3.20GHz	3398	1143	30.90	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1260	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1145	37.74	\$89.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3440 @ 3.30GHz	3314	1163	20.72	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1231	NA	NA
Intel Pentium G3450 @ 3.40GHz	3700	1068	37.01	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1276	NA	NA
Intel Pentium G3460 @ 3.50GHz	3588	1092	12.45	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3704	1066	35.53	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3550	1103	29.86	\$118.90*
Intel Pentium G4400T @ 2.90GHz	3224	1188	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1310	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3803	1040	38.42	\$98.99*
Intel Pentium G4500T @ 3.00GHz	3471	1124	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	962	40.24	\$103.99*
Intel Pentium G4560 @ 3.50GHz	4868	829	45.14	\$107.86*
Intel Pentium G4560T @ 2.90GHz	3983	998	36.22	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5083	781	21.19	\$239.95*
Intel Pentium G4600T @ 3.00GHz	4266	944	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5211	762	45.85	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1859	1703	46.49	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1574	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2057	1610	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5204	763	5.15	\$1,009.99*
Intel Pentium Gold G5400T @ 3.10GHz	5048	794	78.89	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5214	761	54.89	\$94.99*
Intel Pentium Gold G5500T @ 3.20GHz	4218	955	56.24	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5683	694	52.26	\$108.75
Intel Pentium III 933S @ 933MHz	238	2737	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2675	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2690	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2634	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III 1400 @ 1400MHz	297	2655	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2651	NA	NA
Intel Pentium III Mobile 750MHz	103	2824	NA	NA
Intel Pentium III Mobile 800MHz	182	2788	NA	NA
Intel Pentium III Mobile 866MHz	152	2806	NA	NA
Intel Pentium III Mobile 933MHz	218	2752	7.55	\$28.99*
Intel Pentium III Mobile 1000MHz	245	2727	NA	NA
Intel Pentium III Mobile 1066MHz	246	2726	NA	NA
Intel Pentium III Mobile 1133MHz	251	2720	NA	NA
Intel Pentium III Mobile 1200MHz	240	2734	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1715	NA	NA
Intel Pentium J2900 @ 2.41GHz	1962	1652	NA	NA
Intel Pentium J3710 @ 1.60GHz	1923	1669	NA	NA
Intel Pentium J4205 @ 1.50GHz	2302	1507	NA	NA
Intel Pentium M 1.10GHz	282	2681	NA	NA
Intel Pentium M 1.20GHz	298	2653	NA	NA
Intel Pentium M 1.30GHz	301	2645	NA	NA
Intel Pentium M 1.40GHz	345	2597	NA	NA
Intel Pentium M 1.50GHz	366	2574	NA	NA
Intel Pentium M 1.60GHz	365	2578	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	2522	NA	NA
Intel Pentium M 1.73GHz	413	2512	NA	NA
Intel Pentium M 1.80GHz	411	2514	NA	NA
Intel Pentium M 1.86GHz	439	2489	NA	NA
Intel Pentium M 2.00GHz	460	2467	NA	NA
Intel Pentium M 2.10GHz	448	2477	NA	NA
Intel Pentium M 2.13GHz	504	2423	NA	NA
Intel Pentium M 2.26GHz	509	2420	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2445	NA	NA
Intel Pentium M 900MHz	217	2755	NA	NA
Intel Pentium M 1000MHz	233	2740	NA	NA
Intel Pentium M 1100MHz	259	2712	NA	NA
Intel Pentium M 1200MHz	237	2738	NA	NA
Intel Pentium M 1300MHz	303	2639	NA	NA
Intel Pentium M 1400MHz	321	2619	NA	NA
Intel Pentium M 1500MHz	354	2586	NA	NA
Intel Pentium M 1600MHz	334	2608	NA	NA
Intel Pentium M 1700MHz	377	2559	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1874	NA	NA
Intel Pentium N3520 @ 2.16GHz	1789	1735	NA	NA
Intel Pentium N3530 @ 2.16GHz	1895	1684	NA	NA
Intel Pentium N3540 @ 2.16GHz	1926	1666	7.68	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1832	1719	4.12	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1860	1702	NA	NA
Intel Pentium N4200 @ 1.10GHz	2024	1623	9.07	\$223.22*
Intel Pentium P6000 @ 1.87GHz	1244	2018	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	1965	110.51	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1349	1954	30.01	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1937	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium Silver J5005 @ 1.50GHz	2904	1299	13.21	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2441	1455	15.16	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2523	NA	NA
Intel Pentium SU4100 @ 1.30GHz	857	2244	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2251	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2334	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2317	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2313	NA	NA
Intel Pentium T2310 @ 1.46GHz	733	2300	NA	NA
Intel Pentium T2330 @ 1.60GHz	830	2257	NA	NA
Intel Pentium T2370 @ 1.73GHz	843	2250	24.10	\$35.00*
Intel Pentium T2390 @ 1.86GHz	945	2198	NA	NA
Intel Pentium T2410 @ 2.00GHz	978	2170	NA	NA
Intel Pentium T3200 @ 2.00GHz	1031	2133	85.93	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1111	2085	12.36	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1149	2069	95.82	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1233	2022	NA	NA
Intel Pentium T4400 @ 2.20GHz	1284	1993	NA	NA
Intel Pentium T4500 @ 2.30GHz	1335	1961	NA	NA
Intel Pentium U5400 @ 1.20GHz	813	2266	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium U5600 @ 1.33GHz	951	2192	NA	NA
Intel T1200 @ 1.50GHz	435	2495	NA	NA
Intel T1400 @ 1.73GHz	929	2208	NA	NA
Intel T1500 @ 1.86GHz	953	2190	NA	NA
Intel T2050 @ 2.00GHz	959	2187	NA	NA
Intel Xeon 2.00GHz	233	2739	NA	NA
Intel XEON 2.20GHz	252	2718	NA	NA
Intel Xeon 2.40GHz	276	2693	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2494	NA	NA
Intel Xeon 2.80GHz	400	2534	NA	NA
Intel Xeon 3.00GHz	391	2547	NA	NA
Intel Xeon 3.06GHz	491	2430	NA	NA
Intel Xeon 3.20GHz	461	2465	NA	NA
Intel Xeon 3.40GHz	478	2448	NA	NA
Intel Xeon 3.60GHz	509	2419	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2130	NA	NA
Intel Xeon 3.80GHz	604	2364	0.71	\$851.00*
Intel Xeon 1500MHz	193	2778	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1992	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	1976	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1875	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1871	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1737	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1713	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1855	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2113	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	2015	0.77	\$1,619.99
Intel Xeon 5130 @ 2.00GHz	1369	1941	43.53	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1841	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 5140 @ 2.33GHz	1644	1814	35.00	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1847	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1755	1747	16.88	\$103.99*
Intel Xeon 5160 @ 3.00GHz	1963	1651	153.17	\$12.82*
Intel Xeon @ 2.20GHz	1902	1679	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5664	699	24.55	\$230.75
Intel Xeon Bronze 3106 @ 1.70GHz	6698	593	20.30	\$329.99
Intel Xeon D-1518 @ 2.20GHz	5322	751	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	687	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	565	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	444	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	321	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	492	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	254	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11069	234	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	461	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	143	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	156	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	450	38.22	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	186	23.13	\$555.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-2143IT @ 2.20GHz	13816	163	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18627	66	10.56	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6092	652	105.05	\$58.00*
Intel Xeon E3-1220 V2 @ 3.10GHz	6693	594	91.69	\$73.00*
Intel Xeon E3-1220 v3 @ 3.10GHz	7125	549	48.14	\$148.00*
Intel Xeon E3-1220 v5 @ 3.00GHz	7755	491	37.47	\$206.99
Intel Xeon E3-1220 v6 @ 3.00GHz	7859	478	36.56	\$214.99
Intel Xeon E3-1220L @ 2.20GHz	3563	1099	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	917	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1590	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5911	668	53.26	\$111.00*
Intel Xeon E3-1225 V2 @ 3.20GHz	6888	573	87.19	\$79.00*
Intel Xeon E3-1225 v3 @ 3.20GHz	7231	543	49.53	\$146.00*
Intel Xeon E3-1225 v5 @ 3.30GHz	7825	482	29.20	\$268.04*
Intel Xeon E3-1225 v6 @ 3.30GHz	8139	451	34.64	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7546	509	22.52	\$335.07*
Intel Xeon E3-1230 @ 3.20GHz	7848	481	75.47	\$104.00*
Intel Xeon E3-1230 V2 @ 3.30GHz	8856	398	61.50	\$144.00*
Intel Xeon E3-1230 v3 @ 3.30GHz	9318	352	29.87	\$312.00*
Intel Xeon E3-1230 v5 @ 3.40GHz	9786	315	34.95	\$279.99*
Intel Xeon E3-1230 v6 @ 3.50GHz	9847	307	36.47	\$269.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	544	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9628	327	17.19	\$559.95*
Intel Xeon E3-1235 @ 3.20GHz	7680	499	31.48	\$244.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	613	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7958	471	60.29	\$132.00*
Intel Xeon E3-1240 V2 @ 3.40GHz	9137	366	39.90	\$229.00*
Intel Xeon E3-1240 v3 @ 3.40GHz	9657	326	25.12	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10368	263	30.35	\$341.67*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1240 v6 @ 3.70GHz	10335	267	34.45	\$299.99
Intel Xeon E3-1240L v3 @ 2.00GHz	7513	512	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	488	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10015	291	24.78	\$404.25*
Intel Xeon E3-1245 @ 3.30GHz	7997	468	39.39	\$203.00*
Intel Xeon E3-1245 V2 @ 3.40GHz	9124	368	52.14	\$175.00*
Intel Xeon E3-1245 v3 @ 3.40GHz	9569	331	30.97	\$309.00*
Intel Xeon E3-1245 v5 @ 3.50GHz	10182	276	29.49	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10553	255	34.04	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9855	306	24.10	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6534	607	76.32	\$85.62*
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	273	20.69	\$494.00*
Intel Xeon E3-1265L @ 2.40GHz	6038	658	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7353	529	51.64	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	9210	362	12.97	\$709.95*
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	376	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	480	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	411	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	442	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9469	339	33.55	\$282.22*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1270 v3 @ 3.50GHz	9908	302	26.78	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10296	270	21.36	\$482.00*
Intel Xeon E3-1270 v6 @ 3.80GHz	11144	230	31.84	\$349.99*
Intel Xeon E3-1270L v4 @ 3.00GHz	10697	250	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10089	285	11.36	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8328	437	27.40	\$304.00*
Intel Xeon E3-1275 V2 @ 3.50GHz	9447	344	23.93	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	9901	303	24.69	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10358	265	18.73	\$553.00*
Intel Xeon E3-1275 v6 @ 3.80GHz	11125	231	30.40	\$365.99
Intel Xeon E3-1275L v3 @ 2.70GHz	8906	393	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10177	277	9.49	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8465	426	23.01	\$368.00*
Intel Xeon E3-1280 V2 @ 3.60GHz	9448	342	11.00	\$859.00*
Intel Xeon E3-1280 v3 @ 3.60GHz	9775	319	14.02	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	251	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	224	20.23	\$562.00*
Intel Xeon E3-1281 v3 @ 3.70GHz	10349	266	11.79	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10359	264	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	258	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	213	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	298	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	11048	236	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	304	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	335	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	409	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	324	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	626	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8930	392	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1505M v6 @ 3.00GHz	9820	309	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10093	284	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9316	353	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10611	253	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10449	260	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10761	245	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10743	247	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	280	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	537	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	521	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5574	708	21.23	\$262.59*
Intel Xeon E5-1603 v3 @ 2.80GHz	6177	640	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6432	615	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5883	671	267.56	\$21.99*
Intel Xeon E5-1607 v2 @ 3.00GHz	6213	637	19.85	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6961	566	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	540	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9050	377	27.43	\$329.93*
Intel Xeon E5-1620 v2 @ 3.70GHz	9464	340	135.23	\$69.99*
Intel Xeon E5-1620 v3 @ 3.50GHz	9765	320	61.04	\$159.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1620 v4 @ 3.50GHz	9921	300	31.01	\$319.99
Intel Xeon E5-1630 v3 @ 3.70GHz	10261	271	17.16	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10316	268	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11719	217	22.98	\$509.95*
Intel Xeon E5-1650 v2 @ 3.50GHz	12727	191	105.39	\$120.76*
Intel Xeon E5-1650 v3 @ 3.50GHz	13625	170	20.64	\$660.00*
Intel Xeon E5-1650 v4 @ 3.60GHz	14243	150	22.55	\$631.55
Intel Xeon E5-1660 @ 3.30GHz	12361	200	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13856	161	7.66	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14573	141	9.02	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16161	105	13.14	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16167	104	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16431	96	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	84	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	73	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1110	10.37	\$339.97*
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1136	18.09	\$189.00*
Intel Xeon E5-2407 @ 2.20GHz	4104	976	12.25	\$335.04*
Intel Xeon E5-2407 v2 @ 2.40GHz	4498	901	9.44	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	765	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	558	18.06	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8632	419	41.30	\$209.00*
Intel Xeon E5-2430 @ 2.20GHz	6878	574	26.46	\$259.99*
Intel Xeon E5-2430 v2 @ 2.50GHz	8833	400	88.34	\$100.00*
Intel Xeon E5-2430L @ 2.00GHz	7269	539	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	600	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	364	183.72	\$49.96*
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	355	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	388	6.29	\$1,424.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2450 @ 2.10GHz	10186	275	27.61	\$369.00*
Intel Xeon E5-2450L @ 1.80GHz	8261	439	103.28	\$79.99*
Intel Xeon E5-2470 @ 2.30GHz	10061	289	31.77	\$316.72*
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	187	25.22	\$509.00*
Intel Xeon E5-2603 @ 1.80GHz	3580	1095	16.61	\$215.55*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1048	127.15	\$29.62*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	770	25.90	\$199.99*
Intel Xeon E5-2603 v4 @ 1.70GHz	5451	727	23.70	\$229.99
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	479	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4616	873	67.24	\$68.65*
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	772	35.02	\$147.03*
Intel Xeon E5-2609 v3 @ 1.90GHz	5887	670	14.75	\$399.00*
Intel Xeon E5-2609 v4 @ 1.70GHz	6890	572	21.53	\$319.99
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	207	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	140	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7911	474	77.33	\$102.31*
Intel Xeon E5-2620 v2 @ 2.10GHz	8688	412	197.96	\$43.89*
Intel Xeon E5-2620 v3 @ 2.40GHz	10015	290	45.20	\$221.61*
Intel Xeon E5-2620 v4 @ 2.10GHz	11376	223	27.15	\$418.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	386	22.20	\$404.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2623 v4 @ 2.60GHz	8444	428	15.38	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	348	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12164	208	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	181	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	238	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8860	397	92.99	\$95.28
Intel Xeon E5-2630 v2 @ 2.60GHz	10383	262	60.02	\$172.99
Intel Xeon E5-2630 v3 @ 2.40GHz	12799	188	25.15	\$509.00*
Intel Xeon E5-2630 v4 @ 2.20GHz	13909	159	20.16	\$689.99
Intel Xeon E5-2630L @ 2.00GHz	7865	476	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	373	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9476	338	12.60	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	185	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9447	343	15.54	\$607.99*
Intel Xeon E5-2637 v3 @ 3.50GHz	10144	278	7.83	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	259	9.65	\$1,085.28
Intel Xeon E5-2640 @ 2.50GHz	9416	346	86.10	\$109.36
Intel Xeon E5-2640 v2 @ 2.00GHz	10143	279	74.71	\$135.77
Intel Xeon E5-2640 v3 @ 2.60GHz	13914	158	11.71	\$1,188.74*
Intel Xeon E5-2640 v4 @ 2.40GHz	15329	124	15.32	\$1,000.86
Intel Xeon E5-2643 @ 3.30GHz	8436	429	3.79	\$2,226.00*
Intel Xeon E5-2643 v2 @ 3.50GHz	13030	182	78.81	\$165.34*
Intel Xeon E5-2643 v3 @ 3.40GHz	13844	162	5.52	\$2,509.95*
Intel Xeon E5-2643 v4 @ 3.40GHz	13655	166	8.20	\$1,665.66*
Intel Xeon E5-2648L @ 1.80GHz	7426	522	NA	NA
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	222	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	167	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	137	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10104	283	93.56	\$108.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2650 v2 @ 2.60GHz	13164	179	54.85	\$239.99
Intel Xeon E5-2650 v3 @ 2.30GHz	14848	135	41.25	\$359.99*
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	116	13.22	\$1,199.99
Intel Xeon E5-2650L @ 1.80GHz	8676	414	109.83	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9777	318	65.61	\$149.02*
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	174	9.66	\$1,399.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	154	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	226	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	337	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	152	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	101	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	88	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11067	235	106.61	\$103.82
Intel Xeon E5-2660 v2 @ 2.20GHz	13235	177	9.05	\$1,462.99*
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	103	12.22	\$1,324.00*
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	87	11.25	\$1,499.99
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	157	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11545	221	77.83	\$148.34*
Intel Xeon E5-2667 @ 2.90GHz	10400	261	160.13	\$64.95*
Intel Xeon E5-2667 v2 @ 3.30GHz	16186	102	21.20	\$763.56*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2667 v3 @ 3.20GHz	16119	106	6.09	\$2,649.00*
Intel Xeon E5-2667 v4 @ 3.20GHz	16554	92	7.24	\$2,287.99*
Intel Xeon E5-2670 @ 2.60GHz	12135	210	71.02	\$170.87*
Intel Xeon E5-2670 v2 @ 2.50GHz	14995	131	85.21	\$175.99*
Intel Xeon E5-2670 v3 @ 2.30GHz	16454	94	15.56	\$1,057.29*
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	99	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16664	90	23.81	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	38	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15073	128	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	79	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	86	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	16	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12616	196	67.08	\$188.07
Intel Xeon E5-2680 v2 @ 2.80GHz	15887	113	83.62	\$189.99*
Intel Xeon E5-2680 v3 @ 2.50GHz	18592	68	26.60	\$699.00*
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	52	10.65	\$1,866.95*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	45	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17405	80	8.77	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	64	9.12	\$2,087.48*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	130	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	62	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	54	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14364	147	34.61	\$415.00*
Intel Xeon E5-2687W v2 @ 3.40GHz	16474	93	7.82	\$2,105.59*
Intel Xeon E5-2687W v3 @ 3.10GHz	17730	77	5.89	\$3,008.95*
Intel Xeon E5-2687W v4 @ 3.00GHz	19855	53	9.04	\$2,196.99
Intel Xeon E5-2689 @ 2.60GHz	13427	176	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19931	51	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13584	171	85.44	\$159.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2690 v2 @ 3.00GHz	16440	95	60.35	\$272.40*
Intel Xeon E5-2690 v3 @ 2.60GHz	19185	63	8.66	\$2,215.86*
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	40	9.83	\$2,169.99
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	108	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15653	118	8.79	\$1,779.95*
Intel Xeon E5-2695 v3 @ 2.30GHz	19673	57	9.79	\$2,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	46	7.70	\$2,630.11*
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	91	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	26	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21088	43	7.01	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17291	81	8.76	\$1,974.91*
Intel Xeon E5-2697 v3 @ 2.60GHz	21368	39	29.07	\$735.00*
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	36	7.75	\$2,775.99
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	27	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21133	42	6.17	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	33	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	28	4.97	\$4,505.95*
Intel Xeon E5-2699 v4 @ 2.20GHz	23200	24	5.15	\$4,504.50*
Intel Xeon E5-4603 @ 2.00GHz	5014	804	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	361	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4617 @ 2.90GHz	9029	382	100.44	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	454	43.00	\$189.00*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	142	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	120	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	257	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	192	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	233	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11860	215	124.21	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	216	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	201	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	112	5.30	\$3,000.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15556	119	3.24	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	169	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1226	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2167	1563	94.26	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1460	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1538	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1925	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1461	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1527	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1513	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1430	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2923	1292	73.12	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2839	1317	48.12	\$59.00*
Intel Xeon E5410 @ 2.33GHz	3251	1179	55.11	\$59.00*
Intel Xeon E5420 @ 2.50GHz	3499	1115	13.46	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3770	1046	54.64	\$69.00*
Intel Xeon E5440 @ 2.83GHz	3975	1001	209.78	\$18.95*
Intel Xeon E5450 @ 3.00GHz	4188	959	77.57	\$54.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5462 @ 2.80GHz	3870	1021	141.78	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4098	979	136.44	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	1938	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1927	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2687	1370	38.42	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2975	1271	196.17	\$15.17*
Intel Xeon E5507 @ 2.27GHz	3136	1221	6.86	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4435	911	201.71	\$21.99*
Intel Xeon E5530 @ 2.40GHz	4564	884	217.44	\$20.99*
Intel Xeon E5540 @ 2.53GHz	4807	840	106.84	\$45.00*
Intel Xeon E5603 @ 1.60GHz	2366	1486	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3050	1249	13.93	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3387	1147	15.47	\$219.00*
Intel Xeon E5620 @ 2.40GHz	4810	837	79.41	\$60.58
Intel Xeon E5630 @ 2.53GHz	5088	780	28.27	\$179.95*
Intel Xeon E5640 @ 2.67GHz	5256	757	88.36	\$59.49*
Intel Xeon E5645 @ 2.40GHz	6432	616	80.41	\$79.99*
Intel Xeon E5649 @ 2.53GHz	6936	568	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1463	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	483	40.54	\$193.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2124G @ 3.40GHz	9793	312	39.18	\$249.99*
Intel Xeon E-2126G @ 3.30GHz	14051	155	46.84	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10310	269	35.56	\$289.99
Intel Xeon E-2136 @ 3.30GHz	15871	115	50.39	\$314.99*
Intel Xeon E-2144G @ 3.60GHz	11214	227	NA	NA
Intel Xeon E-2146G @ 3.50GHz	15876	114	44.72	\$354.99*
Intel Xeon E-2174G @ 3.80GHz	12188	206	31.25	\$389.99*
Intel Xeon E-2176G @ 3.70GHz	15489	121	42.79	\$362.00*
Intel Xeon E-2176M @ 2.70GHz	13871	160	30.83	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	14981	132	28.54	\$524.99*
Intel Xeon E-2186M @ 2.90GHz	14627	138	23.48	\$623.00*
Intel Xeon Gold 5118 @ 2.30GHz	16389	97	11.95	\$1,370.98*
Intel Xeon Gold 5120 @ 2.20GHz	16308	100	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	74	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	11152	229	8.78	\$1,269.99
Intel Xeon Gold 6126 @ 2.60GHz	19711	56	10.13	\$1,944.99*
Intel Xeon Gold 6128 @ 3.40GHz	14864	134	8.07	\$1,842.27*
Intel Xeon Gold 6130 @ 2.10GHz	19277	61	9.89	\$1,949.99*
Intel Xeon Gold 6132 @ 2.60GHz	23907	21	10.88	\$2,198.00*
Intel Xeon Gold 6134 @ 3.20GHz	18083	75	7.90	\$2,289.99
Intel Xeon Gold 6136 @ 3.00GHz	21079	44	8.07	\$2,612.99*
Intel Xeon Gold 6138 @ 2.00GHz	25416	14	9.48	\$2,679.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	20	9.82	\$2,439.99
Intel Xeon Gold 6144 @ 3.50GHz	19654	58	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	17	7.55	\$3,331.99*
Intel Xeon Gold 6148 @ 2.40GHz	26660	9	9.08	\$2,935.00*
Intel Xeon Gold 6154 @ 3.00GHz	27722	7	7.22	\$3,839.78*
Intel Xeon L3110 @ 3.00GHz	2273	1524	NA	NA
Intel Xeon L3360 @ 2.83GHz	3864	1023	43.31	\$89.23*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L3406 @ 2.27GHz	1338	1957	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	1028	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1723	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1525	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1521	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1573	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1351	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3037	1252	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1152	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3505	1113	127.48	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3723	1061	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1063	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	923	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	928	225.95	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4369	925	67.22	\$65.00*
Intel Xeon L5638 @ 2.00GHz	5556	710	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	575	NA	NA
Intel Xeon L5640 @ 2.27GHz	6344	628	211.71	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1029	NA	NA
Intel Xeon MV 3.20GHz	683	2328	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Platinum 8124M @ 3.00GHz	26652	10	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	28683	4	4.87	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	3	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	5	NA	NA
Intel Xeon Silver 4108 @ 1.80GHz	10664	252	23.70	\$449.99
Intel Xeon Silver 4109T @ 2.00GHz	10946	241	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11599	220	21.89	\$529.99
Intel Xeon Silver 4112 @ 2.60GHz	8611	420	16.73	\$514.59
Intel Xeon Silver 4114 @ 2.20GHz	14333	149	19.16	\$747.99
Intel Xeon Silver 4116 @ 2.10GHz	15320	125	14.59	\$1,049.99
Intel Xeon Silver 4123 @ 3.00GHz	15185	126	NA	NA
Intel Xeon W3503 @ 2.40GHz	1753	1749	108.09	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1856	1704	NA	NA
Intel Xeon W3520 @ 2.67GHz	5057	790	175.91	\$28.75*
Intel Xeon W3530 @ 2.80GHz	5359	740	18.23	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	721	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5694	693	94.99	\$59.95*
Intel Xeon W3565 @ 3.20GHz	5939	664	84.91	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6062	656	12.63	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6384	623	29.76	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8130	453	16.26	\$499.99*
Intel Xeon W3680 @ 3.33GHz	9032	380	11.89	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9135	367	9.14	\$1,000.00*
Intel Xeon W5580 @ 3.20GHz	5836	678	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	639	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	7030	560	20.09	\$349.99*
Intel Xeon W-2104 @ 3.20GHz	7439	519	29.17	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10718	249	29.72	\$360.67*
Intel Xeon W-2125 @ 4.00GHz	12376	199	24.60	\$503.10*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2133 @ 3.60GHz	14094	153	22.84	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16325	98	17.72	\$921.05*
Intel Xeon W-2140B @ 3.20GHz	18603	67	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19715	55	16.19	\$1,217.68*
Intel Xeon W-2150B @ 3.00GHz	21543	35	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21921	30	14.32	\$1,530.39*
Intel Xeon W-2175 @ 2.50GHz	24751	19	12.71	\$1,947.00*
Intel Xeon W-2195 @ 2.30GHz	24983	18	8.94	\$2,794.91*
Intel Xeon X3210 @ 2.13GHz	2739	1356	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1235	14.71	\$209.95*
Intel Xeon X3230 @ 2.66GHz	3398	1142	9.44	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3309	1167	14.42	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3167	1208	163.59	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3379	1150	16.09	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1035	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1025	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3953	1008	25.03	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3996	994	117.24	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	942	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	861	9.15	\$509.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3430 @ 2.40GHz	3355	1156	159.42	\$21.05*
Intel Xeon X3440 @ 2.53GHz	4541	892	20.18	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4776	846	59.75	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5014	803	14.05	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5122	775	10.04	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	700	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1449	17.63	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2553	1416	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1473	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3181	1202	77.61	\$41.00*
Intel Xeon X5365 @ 3.00GHz	3491	1116	35.09	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4114	975	68.63	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4331	934	43.41	\$99.78*
Intel Xeon X5470 @ 3.33GHz	4590	882	24.29	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4005	992	17.80	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4538	894	45.39	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	831	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5387	736	311.96	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5399	734	111.83	\$48.28
Intel Xeon X5570 @ 2.93GHz	5679	696	63.81	\$89.00*
Intel Xeon X5647 @ 2.93GHz	5980	661	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7396	526	112.01	\$66.04
Intel Xeon X5660 @ 2.80GHz	7603	506	83.49	\$91.07*
Intel Xeon X5667 @ 3.07GHz	6291	631	79.63	\$79.00*
Intel Xeon X5670 @ 2.93GHz	7896	475	83.13	\$94.99
Intel Xeon X5672 @ 3.20GHz	6419	619	22.63	\$283.72*
Intel Xeon X5675 @ 3.07GHz	8184	448	102.31	\$79.99*
Intel Xeon X5677 @ 3.47GHz	6982	564	66.50	\$105.00*
Intel Xeon X5679 @ 3.20GHz	8845	399	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5680 @ 3.33GHz	8527	424	64.50	\$132.22
Intel Xeon X5687 @ 3.60GHz	7070	555	64.87	\$109.00*
Intel Xeon X5690 @ 3.47GHz	8889	395	5.05	\$1,758.99
Intel Xeon X5698 @ 4.40GHz	4272	943	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1270	NA	NA
Mobile AMD Athlon 4	314	2629	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2583	NA	NA
Mobile AMD Athlon 64 2700+	398	2535	NA	NA
Mobile AMD Athlon 64 2800+	440	2486	NA	NA
Mobile AMD Athlon 64 3000+	450	2474	NA	NA
Mobile AMD Athlon 64 3200+	448	2478	NA	NA
Mobile AMD Athlon 64 3400+	511	2418	NA	NA
Mobile AMD Athlon 64 3700+	435	2496	NA	NA
Mobile AMD Athlon 64 4000+	576	2378	NA	NA
Mobile AMD Athlon 1400+	266	2704	NA	NA
Mobile AMD Athlon 2500+	370	2568	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2705	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2557	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2659	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2428	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	572	2382	45.81	\$12.49*
Mobile AMD Athlon XP-M	512	2417	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2786	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2708	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2710	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2616	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2654	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2601	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2647	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2579	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2596	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2594	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2567	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2576	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2575	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2487	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2435	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2421	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2666	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2658	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2607	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2565	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2451	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2422	NA	NA
Mobile AMD Sempron 2100+	252	2719	NA	NA
Mobile AMD Sempron 2600+	394	2542	NA	NA
Mobile AMD Sempron 2800+	361	2581	NA	NA
Mobile AMD Sempron 3000+	389	2551	NA	NA
Mobile AMD Sempron 3100+	416	2509	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Sempron 3200+	354	2587	NA	NA
Mobile AMD Sempron 3300+	445	2480	NA	NA
Mobile AMD Sempron 3400+	441	2485	NA	NA
Mobile AMD Sempron 3500+	408	2520	NA	NA
Mobile AMD Sempron 3600+	427	2504	NA	NA
Mobile AMD Sempron 3800+	485	2441	NA	NA
Mobile Intel Celeron 1.20GHz	170	2797	NA	NA
Mobile Intel Celeron 1.50GHz	188	2781	NA	NA
Mobile Intel Celeron 1.60GHz	188	2782	NA	NA
Mobile Intel Celeron 1.70GHz	181	2790	NA	NA
Mobile Intel Celeron 1.80GHz	186	2784	NA	NA
Mobile Intel Celeron 2.00GHz	204	2766	NA	NA
Mobile Intel Celeron 2.20GHz	226	2746	NA	NA
Mobile Intel Celeron 2.40GHz	239	2735	NA	NA
Mobile Intel Celeron 2.50GHz	281	2684	NA	NA
Mobile Intel Celeron 1200MHz	294	2660	NA	NA
Mobile Intel Celeron 1333MHz	280	2687	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2692	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2707	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2689	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 2.80GHz	315	2626	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2604	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2584	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2488	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2449	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2776	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2796	0.62	\$279.99*
Mobile Intel Pentium 4 - M 1.80GHz	175	2793	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2741	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2771	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2773	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2757	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2714	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2630	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2760	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2772	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2723	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2664	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2747	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2665	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1436	NA	NA
Quad-Core AMD Opteron 1385	3442	1132	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3427	1134	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1291	NA	NA
VIA C3 Ezra	100	2825	NA	NA
VIA C7 1500MHz	284	2676	NA	NA
VIA C7-D 1500MHz	287	2672	NA	NA
VIA C7-D 1800MHz	203	2768	NA	NA
VIA C7-D 2000MHz	368	2571	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA C7-M 1000MHz	164	2799	NA	NA
VIA C7-M 1200MHz	140	2812	NA	NA
VIA C7-M 1600MHz	178	2792	NA	NA
VIA C7-M 6300MHz	222	2749	NA	NA
VIA Eden 800MHz	155	2803	NA	NA
VIA Eden 1000MHz	123	2820	NA	NA
VIA Eden 1200MHz	142	2811	NA	NA
VIA Eden C1050@1.06GHz	352	2590	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2447	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	2073	NA	NA
VIA Esther 1000MHz	146	2810	NA	NA
VIA Esther 1300MHz	250	2721	NA	NA
VIA Esther 1500MHz	219	2751	NA	NA
VIA Esther 2000MHz	394	2541	NA	NA
VIA Nano L1900@1400MHz	457	2469	NA	NA
VIA Nano L2007@1600MHz	369	2569	NA	NA
VIA Nano L2100@1800MHz	428	2502	NA	NA
VIA Nano L2207@1600MHz	296	2656	NA	NA
VIA Nano L3025@1600MHz	517	2413	NA	NA
VIA Nano L3050@1800MHz	581	2376	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano L3600@2000MHz	645	2342	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2558	NA	NA
VIA Nano U2250@1300+MHz	274	2696	NA	NA
VIA Nano U2500@1200MHz	306	2638	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2425	NA	NA
VIA Nano U3300@1200MHz	409	2515	NA	NA
VIA Nano U3500@1000MHz	275	2694	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2362	NA	NA
VIA Nehemiah	155	2804	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1682	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1944	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2055	NA	NA
VIA Samuel 2	79	2827	NA	NA

\* - Last price seen from our affiliates.

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## Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	288	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	120	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	391	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	397	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	443	NA	NA
[Dual CPU] AMD EPYC 7281	12720	174	9.19	\$1,383.98
[Dual CPU] AMD EPYC 7371	23933	60	NA	NA
[Dual CPU] AMD EPYC 7401	23518	63	6.01	\$3,913.98
[Dual CPU] AMD EPYC 7451	28957	31	5.68	\$5,097.98
[Dual CPU] AMD EPYC 7501	29003	30	3.99	\$7,265.98
[Dual CPU] AMD EPYC 7551	30966	21	4.28	\$7,227.98
[Dual CPU] AMD EPYC 7601	33545	15	3.76	\$8,927.98
[Dual CPU] AMD Opteron 246	1130	432	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	433	5.27	\$199.90*
[Dual CPU] AMD Opteron 250	1438	429	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1385	430	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	438	NA	NA
[Dual CPU] AMD Opteron 256	1853	426	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	424	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	420	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	423	16.41	\$129.98*
[Dual CPU] AMD Opteron 280	2452	415	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	406	NA	NA
[Dual CPU] AMD Opteron 290	2807	403	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	401	NA	NA
[Dual CPU] AMD Opteron 2212	2203	421	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	416	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	413	NA	NA
[Dual CPU] AMD Opteron 2216	2485	412	54.31	\$45.76*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2216 HE	2593	409	NA	NA
[Dual CPU] AMD Opteron 2218	2719	407	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	410	NA	NA
[Dual CPU] AMD Opteron 2220	2854	400	0.97	\$2,950.32*
[Dual CPU] AMD Opteron 2220 SE	2882	399	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	395	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	389	45.30	\$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	379	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	386	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	380	7.55	\$539.98*
[Dual CPU] AMD Opteron 2354	4554	368	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	371	12.22	\$363.30*
[Dual CPU] AMD Opteron 2360 SE	5315	350	98.43	\$54.00*
[Dual CPU] AMD Opteron 2373 EE	4164	377	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	364	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	351	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	349	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	337	63.93	\$90.00*
[Dual CPU] AMD Opteron 2384	5914	333	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	323	NA	NA
[Dual CPU] AMD Opteron 2389	5677	338	48.11	\$118.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2419	5191	353	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	325	NA	NA
[Dual CPU] AMD Opteron 2427	5907	334	29.83	\$198.00*
[Dual CPU] AMD Opteron 2431	6438	317	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7060	303	18.68	\$378.00*
[Dual CPU] AMD Opteron 2439 SE	8071	273	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	381	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	340	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	320	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	318	33.18	\$191.88*
[Dual CPU] AMD Opteron 4184	7848	279	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	272	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	276	NA	NA
[Dual CPU] AMD Opteron 4234	9361	242	20.35	\$459.98*
[Dual CPU] AMD Opteron 4276 HE	9681	235	NA	NA
[Dual CPU] AMD Opteron 4280	4525	369	45.25	\$100.00*
[Dual CPU] AMD Opteron 4284	9151	243	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9456	241	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	214	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	222	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	200	40.57	\$279.98*
[Dual CPU] AMD Opteron 6128	6881	308	23.09	\$298.00*
[Dual CPU] AMD Opteron 6128 HE	5582	343	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	257	NA	NA
[Dual CPU] AMD Opteron 6134	7586	290	86.22	\$87.98*
[Dual CPU] AMD Opteron 6136	7255	297	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	356	NA	NA
[Dual CPU] AMD Opteron 6168	7741	285	40.68	\$190.28*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6172	7621	289	38.49	\$198.00*
[Dual CPU] AMD Opteron 6174	8056	275	40.69	\$198.00*
[Dual CPU] AMD Opteron 6176 SE	8448	262	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	392	NA	NA
[Dual CPU] AMD Opteron 6204	7134	300	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8955	248	149.30	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	209	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	225	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	216	86.26	\$119.98*
[Dual CPU] AMD Opteron 6272	10008	229	83.41	\$119.98*
[Dual CPU] AMD Opteron 6274	10536	212	114.55	\$91.98*
[Dual CPU] AMD Opteron 6275	10900	208	NA	NA
[Dual CPU] AMD Opteron 6276	10194	224	30.16	\$338.00*
[Dual CPU] AMD Opteron 6284 SE	11985	188	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	264	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10716	210	26.79	\$399.98*
[Dual CPU] AMD Opteron 6328	11842	191	29.61	\$399.98*
[Dual CPU] AMD Opteron 6344	11203	203	14.40	\$778.00*
[Dual CPU] AMD Opteron 6348	11412	197	28.53	\$399.98*
[Dual CPU] AMD Opteron 6376	10405	215	16.78	\$620.00*
[Dual CPU] AMD Opteron 6378	2905	398	7.26	\$399.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6380	14200	156	71.01	\$199.98*
[Dual CPU] AMD Opteron 6386 SE	12195	184	40.65	\$299.98*
[Dual CPU] AMD Opteron 8218	2831	402	67.40	\$42.00*
[Dual CPU] AMD Opteron 8220	2510	411	50.22	\$49.98*
[Dual CPU] AMD Opteron 8222 SE	2793	405	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	390	73.25	\$44.00*
[Dual CPU] AMD Opteron 8380	5643	341	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	352	NA	NA
[Dual CPU] AMD Opteron 8389	6517	314	41.25	\$158.00*
[Dual CPU] AMD Opteron 8431	5813	335	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	311	46.80	\$144.00*
[Dual CPU] AMD Opteron 8439 SE	7691	287	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	431	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	418	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	385	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	278	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	452	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	450	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	446	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	448	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	453	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	454	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	451	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	449	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	444	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	440	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	775	439	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon 3.06GHz	604	442	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	437	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	436	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	435	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	425	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	434	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2152	422	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	417	0.71	\$3,239.98
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2617	408	41.59	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	393	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2978	396	31.69	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	394	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3439	387	16.54	\$207.98*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3829	383	149.34	\$25.64*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8809	253	19.09	\$461.50
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11024	206	16.70	\$659.98
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	326	9.12	\$679.94*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	322	16.68	\$378.00*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7436	293	11.10	\$670.08*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	246	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11387	199	14.60	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11738	193	28.08	\$418.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	266	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	163	26.23	\$519.98*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	159	68.82	\$200.00*
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	198	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	179	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	173	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	160	18.59	\$738.00*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	131	20.24	\$818.00*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	194	73.23	\$159.98*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	130	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	114	18.24	\$1,018.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	321	14.71	\$431.10*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	313	110.06	\$59.24*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8385	263	20.96	\$399.98*
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8910	252	19.37	\$459.98
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8220	269	59.87	\$137.30*
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8969	247	30.50	\$294.06*
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9984	230	12.51	\$798.00*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	207	17.18	\$639.98
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12338	180	60.30	\$204.62*
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13390	170	152.54	\$87.78*
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15217	145	34.33	\$443.22*
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16480	132	19.67	\$837.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14238	154	17.58	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	177	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	150	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13595	169	71.34	\$190.56

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16007	137	46.27	\$345.98
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18499	115	18.17	\$1,018.00*
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18709	113	13.56	\$1,379.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	204	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	161	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	146	10.10	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	295	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15900	140	13.08	\$1,215.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16408	133	6.33	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16656	129	7.67	\$2,170.56
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14660	149	67.03	\$218.72
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14464	152	53.27	\$271.54
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19947	102	8.39	\$2,377.48*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20786	95	10.38	\$2,001.72
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13667	162	3.07	\$4,452.00*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21039	89	63.62	\$330.68*
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21034	90	4.19	\$5,019.90*
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	83	6.46	\$3,331.32*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	183	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	14156	157	4.79	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	119	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	14948	147	69.20	\$216.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19028	110	39.64	\$479.98
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20362	98	28.28	\$719.98*
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20600	97	8.58	\$2,399.98
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	153	91.04	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14506	151	48.67	\$298.04*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	91	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13634	164	4.66	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	112	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	107	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16327	134	78.63	\$207.64
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18131	118	6.20	\$2,925.98*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22592	75	8.53	\$2,648.00*
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23128	71	7.71	\$2,999.98
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23132	70	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17131	124	57.74	\$296.68*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	53	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16940	125	130.41	\$129.90*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22479	76	14.72	\$1,527.12*
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23122	72	4.36	\$5,298.00*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23624	61	5.16	\$4,575.98*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18172	117	53.17	\$341.74*
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20911	92	59.41	\$351.98*
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	79	10.58	\$2,114.58*
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	65	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	69	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	26	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	101	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	84	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	25	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18208	116	48.41	\$376.14
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21417	85	56.36	\$379.98*
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24589	56	17.59	\$1,398.00*
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	66	6.26	\$3,733.90*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	126	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21159	88	5.33	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	52	5.99	\$4,174.96*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	80	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	42	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	34	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20905	93	25.19	\$830.00*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23319	68	5.54	\$4,211.18*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24146	58	4.01	\$6,017.90*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	43	6.07	\$4,393.98
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	103	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	46	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19610	104	61.67	\$318.00*
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23603	62	43.32	\$544.80*
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25565	50	5.77	\$4,431.72*
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27647	38	6.37	\$4,339.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20858	94	5.86	\$3,559.90*
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	54	6.18	\$4,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	49	4.87	\$5,260.22*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23483	64	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	24	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31807	19	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23334	67	5.91	\$3,949.82*
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28080	36	19.10	\$1,470.00*
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30631	23	5.52	\$5,551.98
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	35	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29637	28	4.33	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	17	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	59	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26333	44	2.92	\$9,011.90*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	14	3.78	\$9,009.00*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	96	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	106	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	141	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	109	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	105	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18880	111	98.86	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	148	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	211	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	77	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	40	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	185	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	143	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	78	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	187	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	16047	135	42.45	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	228	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	419	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	382	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3566	384	36.39	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4167	376	53.77	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	359	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4563	367	128.39	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5125	355	64.08	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5165	354	43.77	\$118.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6024	330	51.05	\$118.00*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6354	319	12.22	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6849	310	49.63	\$138.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7163	299	189.00	\$37.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7518	291	69.61	\$108.00*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7105	301	130.13	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7836	282	130.43	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	414	12.93	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	404	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4887	363	34.93	\$139.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5006	358	165.00	\$30.34*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	346	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7425	294	168.83	\$43.98*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	286	183.52	\$41.98*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	280	87.20	\$90.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	378	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5534	344	12.63	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5969	332	13.63	\$438.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8062	274	66.54	\$121.16
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8294	267	23.05	\$359.90*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8732	254	73.39	\$118.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10314	220	64.47	\$159.98*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10327	219	44.90	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	345	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	348	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	82	8.06	\$2,731.06*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	57	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	87	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22049	81	8.04	\$2,741.96*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	26018	48	8.33	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17499	121	6.89	\$2,539.98
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27262	41	7.01	\$3,889.98*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22869	73	6.21	\$3,684.54*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	22620	74	5.80	\$3,899.98*
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	39	6.26	\$4,396.00*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25308	51	5.53	\$4,579.98
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29652	27	5.67	\$5,225.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	37	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35063	11	6.54	\$5,359.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	33297	16	6.82	\$4,879.98
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	32	4.70	\$6,139.98
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28809	33	4.92	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29158	29	4.38	\$6,663.98*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	37650	4	6.41	\$5,870.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	20	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35387	10	4.66	\$7,599.98
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36932	5	4.81	\$7,679.56*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	370	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	374	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	361	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	342	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	327	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	316	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	329	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	360	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	307	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	306	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	277	206.10	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	305	53.89	\$130.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	249	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	237	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9665	236	161.24	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	445	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	447	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	441	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	427	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	6	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	35823	8	2.32	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39104	3	3.32	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	9	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	7	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	34585	13	1.73	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	138	17.75	\$899.98
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16787	128	15.84	\$1,059.98
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	167	13.23	\$1,029.18
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19285	108	12.89	\$1,495.98
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	20362	99	9.70	\$2,099.98
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10079	226	47.08	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	217	2.06	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	221	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	365	17.08	\$278.48*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	366	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	362	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5764	336	70.29	\$82.00*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6210	324	31.21	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7448	292	62.11	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7840	281	39.29	\$199.56*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	271	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	283	17.28	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8197	270	40.99	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8688	256	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8934	251	258.66	\$34.54*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	244	94.08	\$96.56
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9533	240	53.56	\$178.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	232	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11311	201	85.64	\$132.08
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11646	195	63.94	\$182.14*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10334	218	65.41	\$158.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12278	182	64.63	\$189.98
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	227	17.76	\$567.44*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12572	176	78.58	\$159.98*
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11302	202	53.82	\$210.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	166	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13605	168	51.45	\$264.44
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11955	189	54.84	\$218.00*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13774	158	3.92	\$3,517.98
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	261	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	312	91.61	\$71.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	255	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	231	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11794	192	268.05	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	375	59.59	\$70.00*
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	357	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	373	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	372	199.09	\$21.98*
[Dual CPU] Quad-Core AMD Opteron 8378	5382	347	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	309	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	339	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	331	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	265	NA	NA
[Quad CPU] AMD Opteron 6136	9767	233	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	259	21.70	\$396.00*
[Quad CPU] AMD Opteron 6272	12292	181	51.23	\$239.96*
[Quad CPU] AMD Opteron 6274	10488	213	57.01	\$183.96*
[Quad CPU] AMD Opteron 6276	15342	144	22.70	\$676.00*
[Quad CPU] AMD Opteron 6278	12055	186	9.75	\$1,236.00*
[Quad CPU] AMD Opteron 6282 SE	11044	205	21.24	\$519.96*
[Quad CPU] AMD Opteron 6376	13257	171	10.69	\$1,240.00*
[Quad CPU] AMD Opteron 6380	12442	178	31.11	\$399.96*
[Quad CPU] AMD Opteron 8360 SE	6490	315	77.26	\$84.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 8381 HE	6097	328	NA	NA
[Quad CPU] AMD Opteron 8382	8553	260	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	296	NA	NA
[Quad CPU] AMD Opteron 8431	8252	268	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	302	24.65	\$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	250	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	428	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	388	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	127	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	139	21.06	\$756.00*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	165	20.04	\$680.00*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	55	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	86	55.95	\$381.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	45	1.81	\$14,464.00*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	22	1.63	\$18,908.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	100	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	136	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	18	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	123	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	122	131.38	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14223	155	18.81	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	175	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	142	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	304	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	284	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	223	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	238	40.56	\$236.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	245	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	47	5.15	\$5,079.96
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	12	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	2	2.68	\$15,199.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	234	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	1	1.10	\$40,060.00*
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	239	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	11953	190	4.22	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	258	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	196	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	13145	172	149.38	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	298	163.10	\$43.96*

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