



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

Home » CPU Benchmarks » CPU List

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

# CPU Benchmarks

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### CPU List

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

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### Single CPU Systems

Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2697	NA	NA
AMD A4 Micro-6400T APU	1544	1889	NA	NA
AMD A4 PRO-3340B	2402	1497	NA	NA
AMD A4 PRO-7300B APU	2335	1518	NA	NA
AMD A4 PRO-7350B	2227	1571	NA	NA
AMD A4-1200 APU	632	2378	NA	NA
AMD A4-1250 APU	619	2385	NA	NA
AMD A4-3300 APU	1499	1915	115.41	\$12.99
AMD A4-3300M APU	1185	2078	39.52	\$29.99*
AMD A4-3305M APU	1220	2057	39.61	\$30.81
AMD A4-3310MX APU	1287	2018	NA	NA
AMD A4-3320M APU	1253	2040	34.93	\$35.90
AMD A4-3330MX APU	1212	2061	NA	NA
AMD A4-3400 APU	1592	1876	18.11	\$87.95
AMD A4-3420 APU	1670	1828	NA	NA
AMD A4-4000 APU	1831	1748	14.28	\$128.27
AMD A4-4020 APU	1921	1697	22.35	\$86.00
AMD A4-4300M APU	1611	1864	40.43	\$39.86
AMD A4-4355M APU	1175	2082	NA	NA
AMD A4-5000 APU	1914	1701	NA	NA
AMD A4-5050 APU	2113	1615	NA	NA
AMD A4-5100 APU	2037	1644	NA	NA
AMD A4-5150M APU	1844	1737	NA	NA
AMD A4-5300 APU	2010	1657	14.21	\$141.53

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5300B APU	2139	1599	56.29	\$38.00*
AMD A4-6210 APU	2166	1590	NA	NA
AMD A4-6250J APU	2556	1440	NA	NA
AMD A4-6300 APU	2217	1574	36.97	\$59.99*
AMD A4-6300B APU	2129	1606	21.30	\$100.00*
AMD A4-6320 APU	2329	1521	33.29	\$69.99*
AMD A4-7210 APU	2517	1455	NA	NA
AMD A4-7300 APU	2303	1533	21.33	\$107.99
AMD A4-9120	1944	1686	NA	NA
AMD A4-9125	2015	1653	NA	NA
AMD A6 Micro-6500T APU	1834	1747	NA	NA
AMD A6 PRO-7050B APU	1616	1862	NA	NA
AMD A6 PRO-7400B	2608	1418	NA	NA
AMD A6-1450 APU	1532	1895	NA	NA
AMD A6-3400M APU	1883	1722	62.86	\$29.97*
AMD A6-3410MX APU	2057	1640	515.55	\$3.99*
AMD A6-3420M APU	2000	1660	NA	NA
AMD A6-3430MX APU	2200	1581	NA	NA
AMD A6-3500 APU	2012	1656	50.32	\$39.99*
AMD A6-3600 APU	2701	1393	117.50	\$22.99*
AMD A6-3620 APU	2797	1361	46.63	\$59.99*
AMD A6-3650 APU	3150	1245	98.48	\$31.99*
AMD A6-3670 APU	3169	1232	22.50	\$140.90*
AMD A6-4400M APU	1641	1847	205.45	\$7.99*
AMD A6-4455M APU	1286	2019	NA	NA
AMD A6-5200 APU	2431	1483	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	1924	NA	NA
AMD A6-5350M APU	1902	1707	44.13	\$43.12
AMD A6-5357M APU	1941	1688	NA	NA
AMD A6-5400B APU	2232	1568	21.26	\$105.04*
AMD A6-5400K APU	2157	1595	21.79	\$99.00
AMD A6-6310 APU	2455	1476	NA	NA
AMD A6-6400B APU	2281	1545	NA	NA
AMD A6-6400K APU	2307	1530	22.16	\$104.13*
AMD A6-6420B APU	2612	1416	NA	NA
AMD A6-6420K APU	2388	1503	15.92	\$149.99*
AMD A6-7000	1667	1832	NA	NA
AMD A6-7310 APU	2663	1404	NA	NA
AMD A6-7400K APU	2777	1366	42.90	\$64.75
AMD A6-7470K	2727	1387	13.37	\$203.99
AMD A6-7480	3168	1233	72.04	\$43.99
AMD A6-8500P	2202	1580	NA	NA
AMD A6-8550	3032	1282	NA	NA
AMD A6-9200	1718	1795	NA	NA
AMD A6-9210	1728	1789	NA	NA
AMD A6-9220	2164	1591	NA	NA
AMD A6-9220C	2147	1598	NA	NA
AMD A6-9220e	1639	1848	NA	NA
AMD A6-9225	2153	1596	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-9230	2102	1620	NA	NA
AMD A6-9500	3040	1278	66.06	\$46.03
AMD A6-9500E	2889	1336	40.20	\$71.87
AMD A8 PRO-7150B APU	2652	1405	NA	NA
AMD A8 PRO-7600B APU	4728	876	NA	NA
AMD A8-3500M APU	1972	1673	28.20	\$69.95
AMD A8-3510MX APU	2370	1510	NA	NA
AMD A8-3520M APU	2171	1588	NA	NA
AMD A8-3530MX APU	2365	1514	NA	NA
AMD A8-3550MX APU	2610	1417	NA	NA
AMD A8-3800 APU	3014	1285	52.89	\$56.99*
AMD A8-3820 APU	3104	1256	24.84	\$124.99*
AMD A8-3850 APU	3465	1151	32.79	\$105.68*
AMD A8-3870K APU	3542	1129	70.85	\$49.99*
AMD A8-4500M APU	2666	1402	NA	NA
AMD A8-4555M APU	2119	1611	NA	NA
AMD A8-5500 APU	3994	1019	70.70	\$56.50*
AMD A8-5500B APU	3993	1020	NA	NA
AMD A8-5545M APU	2587	1428	NA	NA
AMD A8-5550M APU	3006	1290	NA	NA
AMD A8-5557M APU	2968	1303	NA	NA
AMD A8-5600K APU	4343	954	18.94	\$229.30
AMD A8-6410 APU	2571	1436	NA	NA
AMD A8-6500 APU	4396	944	46.28	\$94.99*
AMD A8-6500B APU	4612	898	NA	NA
AMD A8-6500T APU	3221	1215	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-6600K APU	4588	904	47.31	\$96.99*
AMD A8-7050	1986	1668	NA	NA
AMD A8-7100 APU	2807	1359	NA	NA
AMD A8-7200P	3319	1187	NA	NA
AMD A8-7410 APU	2740	1382	NA	NA
AMD A8-7600 APU	5067	806	63.35	\$79.99*
AMD A8-7650K	4922	842	19.38	\$254.00
AMD A8-7670K	5089	798	31.59	\$161.10*
AMD A8-7680	5191	786	86.55	\$59.99*
AMD A8-8600P	3248	1207	NA	NA
AMD A8-8650	5470	742	NA	NA
AMD A8-9600	4985	828	78.07	\$63.86
AMD A9-9400	2323	1523	NA	NA
AMD A9-9410	2554	1441	NA	NA
AMD A9-9420	2333	1519	NA	NA
AMD A9-9420e	1890	1718	NA	NA
AMD A9-9425	2537	1448	NA	NA
AMD A9-9430	2524	1451	NA	NA
AMD A10 Micro-6700T APU	1970	1674	NA	NA
AMD A10 PRO-7350B APU	3171	1231	NA	NA
AMD A10 PRO-7800B APU	4973	832	NA	NA
AMD A10 PRO-7850B APU	5380	757	NA	NA
AMD A10-4600M APU	3112	1255	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-4655M APU	2607	1419	NA	NA
AMD A10-4657M APU	2906	1323	NA	NA
AMD A10-5700 APU	4211	979	65.30	\$64.50*
AMD A10-5745M APU	2764	1373	NA	NA
AMD A10-5750M APU	3343	1185	NA	NA
AMD A10-5757M APU	3084	1262	NA	NA
AMD A10-5800B APU	4553	909	NA	NA
AMD A10-5800K APU	4636	891	13.95	\$332.32*
AMD A10-6700 APU	4605	901	39.37	\$116.99*
AMD A10-6700T APU	3693	1093	25.02	\$147.61*
AMD A10-6790K APU	4684	882	49.32	\$94.99*
AMD A10-6800B APU	4806	862	NA	NA
AMD A10-6800K APU	4860	853	16.95	\$286.85*
AMD A10-7300 APU	2906	1325	NA	NA
AMD A10-7400P	3603	1110	NA	NA
AMD A10-7700K APU	5118	794	14.76	\$346.70*
AMD A10-7800 APU	4982	829	48.19	\$103.39*
AMD A10-7850K APU	5471	741	15.82	\$345.99*
AMD A10-7860K	5066	807	28.95	\$175.00*
AMD A10-7870K	5469	743	24.10	\$226.99*
AMD A10-7890K	5702	712	28.51	\$199.99*
AMD A10-8700P	3445	1155	NA	NA
AMD A10-8750	5076	804	NA	NA
AMD A10-8850	5598	727	NA	NA
AMD A10-9600P	3781	1069	NA	NA
AMD A10-9620P	3671	1099	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9630P	4497	925	NA	NA
AMD A10-9700	5411	752	65.58	\$82.51
AMD A10-9700E	4747	874	39.49	\$120.24
AMD A12-9700P	3732	1084	NA	NA
AMD A12-9720P	4007	1016	NA	NA
AMD A12-9730P	4472	929	NA	NA
AMD A12-9800	5521	737	39.94	\$138.24*
AMD A12-9800E	5083	800	38.69	\$131.38
AMD Athlon64 X2 Dual Core 4600+	1108	2120	NA	NA
AMD Athlon 4	279	2717	11.68	\$23.95
AMD Athlon 64 2000+	116	2851	NA	NA
AMD Athlon 64 2200+	575	2410	NA	NA
AMD Athlon 64 2600+	374	2591	NA	NA
AMD Athlon 64 2800+	438	2520	4.38	\$99.99*
AMD Athlon 64 3000+	463	2489	5.80	\$79.99
AMD Athlon 64 3200+	492	2458	3.28	\$149.95*
AMD Athlon 64 3300+	576	2409	NA	NA
AMD Athlon 64 3400+	545	2421	NA	NA
AMD Athlon 64 3500+	540	2427	4.97	\$108.95
AMD Athlon 64 3600+	601	2394	NA	NA
AMD Athlon 64 3700+	598	2396	8.67	\$69.00*
AMD Athlon 64 3800+	589	2399	3.28	\$179.95
AMD Athlon 64 4000+	608	2389	3.07	\$197.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-25	794	2303	NA	NA
AMD Athlon 64 FX-34	380	2583	NA	NA
AMD Athlon 64 FX-51	437	2521	NA	NA
AMD Athlon 64 FX-53	646	2370	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2334	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2330	NA	NA
AMD Athlon 64 FX-59	715	2337	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2024	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1880	NA	NA
AMD Athlon 64 FX-72	1794	1760	NA	NA
AMD Athlon 64 FX-74	1495	1919	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2217	NA	NA
AMD Athlon 64 X2 4200+	1285	2021	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2190	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2211	16.05	\$60.00
AMD Athlon 64 X2 Dual Core 3800+	1000	2184	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1043	2158	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1097	2126	5.49	\$199.95
AMD Athlon 64 X2 Dual Core 4400+	1145	2105	19.10	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1219	2058	3.39	\$359.95
AMD Athlon 64 X2 Dual Core 4800+	1254	2039	2.73	\$459.95
AMD Athlon 64 X2 Dual Core 5000+	1313	1999	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	1964	9.87	\$139.95
AMD Athlon 64 X2 Dual Core 5400+	1448	1935	27.34	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1485	1922	10.61	\$139.95
AMD Athlon 64 X2 Dual Core 5800+	1516	1906	60.68	\$24.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core 6000+	1603	1868	32.76	\$48.95
AMD Athlon 64 X2 Dual Core 6400+	1790	1762	6.89	\$259.95*
AMD Athlon 64 X2 Dual Core BE-230	1095	2130	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2139	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2156	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2282	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2283	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2205	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2262	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2292	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2263	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	925	2238	NA	NA
AMD Athlon 64 X2 QL-60	921	2243	NA	NA
AMD Athlon 64 X2 QL-62	1008	2178	NA	NA
AMD Athlon 64 X2 QL-64	992	2194	NA	NA
AMD Athlon 64 X2 QL-65	1050	2154	NA	NA
AMD Athlon 64 X2 QL-66	947	2224	NA	NA
AMD Athlon 64 X2 QL-67	1006	2179	NA	NA
AMD Athlon 64 X2 TK-55	955	2218	NA	NA
AMD Athlon 64 X2 TK-57	988	2196	NA	NA
AMD Athlon 200GE	4950	837	82.52	\$59.99
AMD Athlon 220GE	5252	777	75.05	\$69.99
AMD Athlon 240GE	5428	748	83.53	\$64.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 1500+	294	2690	NA	NA
AMD Athlon 1640B	670	2360	13.42	\$50.00*
AMD Athlon 2000+	390	2579	NA	NA
AMD Athlon 2100+	412	2542	NA	NA
AMD Athlon 2200+	363	2609	4.55	\$79.99*
AMD Athlon 2400+	462	2492	NA	NA
AMD Athlon 2500+	374	2589	2.04	\$183.99*
AMD Athlon 2600+	444	2511	4.23	\$104.95*
AMD Athlon 2650e	409	2547	21.56	\$19.00*
AMD Athlon 2800+	447	2508	3.20	\$139.95*
AMD Athlon 2850e	506	2451	NA	NA
AMD Athlon 3100+	485	2469	NA	NA
AMD Athlon 3200+	458	2496	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	2013	10.78	\$119.95
AMD Athlon 5150 APU	2106	1618	13.17	\$159.95
AMD Athlon 5200 Dual-Core	1266	2034	42.23	\$29.99*
AMD Athlon 5350 APU	2606	1420	7.70	\$338.46*
AMD Athlon 5370 APU	2904	1329	45.60	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1936	NA	NA
AMD Athlon 7550 Dual-Core	1469	1927	24.49	\$60.00
AMD Athlon 7750 Dual-Core	1571	1881	7.79	\$201.71
AMD Athlon 7850 Dual-Core	1713	1800	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2700	NA	NA
AMD Athlon Dual Core 4050e	1086	2135	NA	NA
AMD Athlon Dual Core 4450B	1166	2091	37.63	\$31.00*
AMD Athlon Dual Core 4450e	1105	2124	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 4850B	1391	1958	NA	NA
AMD Athlon Dual Core 4850e	1313	2000	33.67	\$39.00*
AMD Athlon Dual Core 5000B	1300	2006	13.69	\$95.00*
AMD Athlon Dual Core 5050e	1343	1985	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1316	1998	NA	NA
AMD Athlon Dual Core 5400B	1420	1949	NA	NA
AMD Athlon Dual Core 5600B	1304	2004	NA	NA
AMD Athlon II 160u	560	2416	18.68	\$29.99*
AMD Athlon II 170u	625	2381	20.89	\$29.95*
AMD Athlon II Dual-Core M300	1112	2116	NA	NA
AMD Athlon II Dual-Core M320	1141	2107	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2152	NA	NA
AMD Athlon II N330 Dual-Core	1154	2098	NA	NA
AMD Athlon II N350 Dual-Core	1249	2044	NA	NA
AMD Athlon II N370 Dual-Core	1559	1885	NA	NA
AMD Athlon II Neo K125	473	2481	NA	NA
AMD Athlon II Neo K145	525	2434	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2310	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2273	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2305	NA	NA
AMD Athlon II P320 Dual-Core	1217	2059	40.65	\$29.95
AMD Athlon II P340 Dual-Core	1250	2043	27.82	\$44.95*
AMD Athlon II P360 Dual-Core	1318	1997	54.93	\$24.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 210e	1486	1921	NA	NA
AMD Athlon II X2 215	1570	1882	131.01	\$11.99*
AMD Athlon II X2 220	1632	1852	50.70	\$32.19
AMD Athlon II X2 225	1526	1896	NA	NA
AMD Athlon II X2 235e	1658	1839	9.12	\$181.88*
AMD Athlon II X2 240	1642	1845	47.00	\$34.95
AMD Athlon II X2 240e	1695	1816	48.52	\$34.95*
AMD Athlon II X2 245	1661	1838	47.55	\$34.95*
AMD Athlon II X2 245e	1709	1805	21.37	\$80.00*
AMD Athlon II X2 250	1742	1783	44.73	\$38.95
AMD Athlon II X2 250e	1939	1689	25.28	\$76.73*
AMD Athlon II X2 250u	1000	2183	28.64	\$34.95
AMD Athlon II X2 255	1841	1742	28.23	\$65.22*
AMD Athlon II X2 260	1874	1725	93.76	\$19.99*
AMD Athlon II X2 260u	1107	2121	13.28	\$83.44*
AMD Athlon II X2 265	1890	1717	22.81	\$82.88*
AMD Athlon II X2 270	1978	1671	82.48	\$23.99*
AMD Athlon II X2 270u	1350	1983	19.96	\$67.67*
AMD Athlon II X2 280	2129	1605	21.30	\$99.99*
AMD Athlon II X2 4300e	1350	1982	NA	NA
AMD Athlon II X2 4400e	1616	1861	NA	NA
AMD Athlon II X2 4450e	1504	1912	NA	NA
AMD Athlon II X2 B22	1711	1802	41.05	\$41.69*
AMD Athlon II X2 B24	1776	1766	52.11	\$34.10
AMD Athlon II X2 B26	1897	1712	54.28	\$34.95
AMD Athlon II X2 B28	2085	1627	42.52	\$49.05*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 400e	2009	1658	18.70	\$107.43*
AMD Athlon II X3 405e	2000	1659	25.00	\$79.99*
AMD Athlon II X3 415e	2247	1561	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1541	19.68	\$116.15*
AMD Athlon II X3 425	2317	1526	85.86	\$26.99*
AMD Athlon II X3 425e	2239	1566	NA	NA
AMD Athlon II X3 435	2472	1473	14.55	\$169.95
AMD Athlon II X3 440	2566	1438	95.09	\$26.99*
AMD Athlon II X3 445	2574	1432	28.29	\$91.00*
AMD Athlon II X3 450	2620	1414	68.94	\$38.01
AMD Athlon II X3 455	2765	1371	70.93	\$38.99*
AMD Athlon II X3 460	2863	1340	73.45	\$38.99*
AMD Athlon II X4 553	3814	1060	NA	NA
AMD Athlon II X4 555	3830	1055	NA	NA
AMD Athlon II X4 559	4141	995	NA	NA
AMD Athlon II X4 600e	2453	1479	18.84	\$130.23*
AMD Athlon II X4 605e	2738	1384	26.90	\$101.80*
AMD Athlon II X4 610e	2790	1363	39.87	\$69.99*
AMD Athlon II X4 615e	2901	1332	49.17	\$59.00*
AMD Athlon II X4 620	2934	1313	41.92	\$69.99*
AMD Athlon II X4 620e	2906	1327	NA	NA
AMD Athlon II X4 630	3134	1248	49.80	\$62.95
AMD Athlon II X4 631 Quad-Core	3153	1243	39.42	\$80.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 635	3235	1210	46.25	\$69.95
AMD Athlon II X4 638 Quad-Core	3198	1221	120.73	\$26.49*
AMD Athlon II X4 640	3314	1190	41.45	\$79.95
AMD Athlon II X4 641 Quad-Core	3346	1183	36.57	\$91.50*
AMD Athlon II X4 645	3471	1147	69.44	\$49.99*
AMD Athlon II X4 650	3482	1146	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	1120	20.09	\$178.04*
AMD Athlon II X4 655	2998	1293	NA	NA
AMD Athlon II X4 6400e	2594	1424	NA	NA
AMD Athlon L110	303	2670	NA	NA
AMD Athlon LE-1600	557	2418	26.57	\$21.00*
AMD Athlon LE-1620	578	2407	32.12	\$18.00*
AMD Athlon LE-1640	627	2380	NA	NA
AMD Athlon LE-1660	679	2357	NA	NA
AMD Athlon MP	230	2771	4.20	\$54.95*
AMD Athlon MP 1700+	339	2632	NA	NA
AMD Athlon MP 2400+	436	2522	NA	NA
AMD Athlon MP 2800+	497	2456	NA	NA
AMD Athlon Neo MV-40	410	2545	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2181	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2309	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2287	NA	NA
AMD Athlon PRO 200GE	5204	782	NA	NA
AMD Athlon QI-46	473	2480	NA	NA
AMD Athlon TF-20	413	2540	NA	NA
AMD Athlon TF-36	395	2569	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 215	1543	1890	NA	NA
AMD Athlon X2 235e	1806	1756	NA	NA
AMD Athlon X2 240	1602	1869	NA	NA
AMD Athlon X2 240e	1670	1829	NA	NA
AMD Athlon X2 250	1696	1815	NA	NA
AMD Athlon X2 255	1627	1856	NA	NA
AMD Athlon X2 280	2303	1535	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1911	1705	38.23	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1560	NA	NA
AMD Athlon X2 440	1424	1946	NA	NA
AMD Athlon X2 Dual Core 3250e	783	2308	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2185	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2244	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2118	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2060	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2041	NA	NA
AMD Athlon X2 Dual Core L310	644	2372	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2176	NA	NA
AMD Athlon X3 425	2191	1584	NA	NA
AMD Athlon X3 435	2574	1433	26.96	\$95.49*
AMD Athlon X3 440	2078	1630	23.62	\$87.99*
AMD Athlon X3 445	2314	1528	NA	NA
AMD Athlon X3 450	3064	1270	38.80	\$78.99*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X3 455	2401	1499	NA	NA
AMD Athlon X4 605e	2505	1461	NA	NA
AMD Athlon X4 620	2861	1341	47.74	\$59.95
AMD Athlon X4 635	2891	1335	23.71	\$121.99*
AMD Athlon X4 640	3172	1230	NA	NA
AMD Athlon X4 740 Quad Core	4013	1014	14.49	\$277.00*
AMD Athlon X4 750 Quad Core	4551	910	NA	NA
AMD Athlon X4 750K Quad Core	4253	970	55.25	\$76.99*
AMD Athlon X4 760K Quad Core	4593	903	109.41	\$41.98*
AMD Athlon X4 830	4701	879	NA	NA
AMD Athlon X4 840	5043	815	64.05	\$78.74*
AMD Athlon X4 845	5402	754	101.68	\$53.13*
AMD Athlon X4 860K	5419	750	99.45	\$54.50*
AMD Athlon X4 870K	5288	771	66.12	\$79.99*
AMD Athlon X4 880K	5544	731	55.45	\$99.99*
AMD Athlon X4 950	5249	778	87.50	\$59.99
AMD Athlon XP1600+	281	2712	NA	NA
AMD Athlon XP1900+	353	2618	NA	NA
AMD Athlon XP2100+	287	2702	NA	NA
AMD Athlon XP2200+	401	2560	NA	NA
AMD Athlon XP2400+	374	2590	NA	NA
AMD Athlon XP 1500	282	2711	NA	NA
AMD Athlon XP 1500+	257	2742	NA	NA
AMD Athlon XP 1600+	267	2732	NA	NA
AMD Athlon XP 1700	344	2628	NA	NA
AMD Athlon XP 1700+	271	2728	4.43	\$61.25
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 1800+	300	2677	5.10	\$58.95*
AMD Athlon XP 1900+	312	2661	NA	NA
AMD Athlon XP 2000+	299	2678	12.00	\$24.99*
AMD Athlon XP 2100+	323	2644	NA	NA
AMD Athlon XP 2200+	328	2643	3.87	\$84.95*
AMD Athlon XP 2300+	464	2488	NA	NA
AMD Athlon XP 2400+	360	2611	4.01	\$89.99
AMD Athlon XP 2500+	355	2615	NA	NA
AMD Athlon XP 2600+	372	2595	16.18	\$23.03*
AMD Athlon XP 2700+	393	2572	4.64	\$84.79*
AMD Athlon XP 2800+	400	2562	NA	NA
AMD Athlon XP 2900+	424	2536	NA	NA
AMD Athlon XP 3000+	402	2558	5.06	\$79.70*
AMD Athlon XP 3100+	433	2526	NA	NA
AMD Athlon XP 3200+	431	2528	NA	NA
AMD Athlon XP 3400+	570	2413	NA	NA
AMD Athlon XP Pro3+	367	2603	NA	NA
AMD Athlon XP-M	541	2426	15.48	\$34.95*
AMD C-30	310	2663	NA	NA
AMD C-50	462	2491	NA	NA
AMD C-60	466	2485	NA	NA
AMD C-60 APU	543	2423	NA	NA
AMD C-70 APU	558	2417	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E1 Micro-6200T APU	960	2214	NA	NA
AMD E1-1200 APU	655	2368	NA	NA
AMD E1-1500 APU	688	2352	NA	NA
AMD E1-2100 APU	640	2376	NA	NA
AMD E1-2200 APU	767	2312	NA	NA
AMD E1-2500 APU	889	2260	NA	NA
AMD E1-6010 APU	861	2267	NA	NA
AMD E1-6015 APU	899	2256	NA	NA
AMD E1-7010 APU	1002	2182	NA	NA
AMD E2-1800 APU	816	2291	NA	NA
AMD E2-2000 APU	825	2288	NA	NA
AMD E2-3000 APU	1105	2125	NA	NA
AMD E2-3000M APU	1096	2128	54.84	\$20.00*
AMD E2-3200 APU	1386	1960	173.59	\$7.99*
AMD E2-3800 APU	1642	1846	NA	NA
AMD E2-6110 APU	1909	1706	NA	NA
AMD E2-7110 APU	2283	1542	NA	NA
AMD E2-9000	1662	1837	NA	NA
AMD E2-9000e	1352	1981	NA	NA
AMD E2-9010	1745	1781	NA	NA
AMD E2-9030	1515	1907	NA	NA
AMD E-240	319	2650	NA	NA
AMD E-300 APU	610	2388	NA	NA
AMD E-350	746	2325	NA	NA
AMD E-350 APU	753	2320	NA	NA
AMD E-350D APU	726	2332	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E-450 APU	766	2313	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1771	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1625	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2508	1459	NA	NA
AMD Embedded R-Series RX-216GD	2409	1494	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	805	NA	NA
AMD Embedded R-Series RX-421BD	4635	893	NA	NA
AMD EPYC 7251 8-Core	11811	225	23.24	\$508.29
AMD EPYC 7301	18564	71	20.05	\$926.05
AMD EPYC 7351	18081	79	14.81	\$1,220.62
AMD EPYC 7351P	14887	137	17.75	\$838.76
AMD EPYC 7371	22071	30	NA	NA
AMD EPYC 7401P	19555	62	18.19	\$1,075.00
AMD EPYC 7501	18942	68	5.05	\$3,751.16
AMD EPYC 7551	18483	74	5.19	\$3,559.56
AMD EPYC 7551P	18406	75	8.37	\$2,199.81
AMD FirePro A320 APU	4540	916	NA	NA
AMD FX-670K Quad-Core	4550	911	NA	NA
AMD FX-770K Quad-Core	4803	864	NA	NA
AMD FX-870K Quad Core	5021	820	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-4100 Quad-Core	4070	1005	31.31	\$129.99*
AMD FX-4130 Quad-Core	4164	988	54.80	\$75.99*
AMD FX-4150 Quad-Core	4594	902	NA	NA
AMD FX-4170 Quad-Core	4869	849	48.70	\$99.99*
AMD FX-4200 Quad-Core	4235	974	18.56	\$228.21*
AMD FX-4300 Quad-Core	4692	881	39.44	\$119.00
AMD FX-4320	5005	825	NA	NA
AMD FX-4330	5321	770	NA	NA
AMD FX-4350 Quad-Core	5339	766	12.42	\$430.00
AMD FX-6100 Six-Core	5388	756	21.30	\$253.00
AMD FX-6120 Six-Core	5732	709	NA	NA
AMD FX-6130 Six-Core	6215	657	NA	NA
AMD FX-6200 Six-Core	6119	670	18.00	\$339.95
AMD FX-6300 Six-Core	6387	642	87.03	\$73.40
AMD FX-6330 Six-Core	6916	591	NA	NA
AMD FX-6350 Six-Core	7001	580	31.12	\$225.00
AMD FX-7500 APU	3212	1217	NA	NA
AMD FX-7600P	4049	1007	NA	NA
AMD FX-7600P APU	4627	895	NA	NA
AMD FX-8100 Eight-Core	6008	680	42.31	\$142.00*
AMD FX-8120 Eight-Core	6599	623	66.00	\$99.99*
AMD FX-8140 Eight-Core	6133	666	NA	NA
AMD FX-8150 Eight-Core	7633	520	5.28	\$1,445.01*
AMD FX-8300 Eight-Core	7717	512	84.81	\$91.00
AMD FX-8310 Eight-Core	7723	511	NA	NA
AMD FX-8320 Eight-Core	8015	485	53.80	\$149.00
AMD FX-8320E Eight-Core	7550	526	78.65	\$96.00
AMD FX-8350 Eight-Core	8950	402	127.89	\$69.99
AMD FX-8370 Eight-Core	9036	392	73.28	\$123.32
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8370E Eight-Core	7805	503	41.96	\$186.00
AMD FX-8800P	4146	992	NA	NA
AMD FX-9370 Eight-Core	9447	356	39.18	\$241.11
AMD FX-9590 Eight-Core	10192	284	61.42	\$165.95
AMD FX-9800P	3973	1024	NA	NA
AMD FX-9830P	4771	869	NA	NA
AMD FX-B4150 Quad-Core	4611	899	NA	NA
AMD G-T40E	467	2484	NA	NA
AMD G-T40N	516	2443	NA	NA
AMD G-T40R	203	2798	NA	NA
AMD G-T44R	227	2773	NA	NA
AMD G-T48E	667	2362	NA	NA
AMD G-T52R	308	2665	NA	NA
AMD G-T56E	751	2321	NA	NA
AMD G-T56N	794	2304	NA	NA
AMD Geode NX	264	2735	NA	NA
AMD Geode NX 1750	291	2691	NA	NA
AMD GX-210JA SOC	401	2561	NA	NA
AMD GX-212JC SOC	744	2326	NA	NA
AMD GX-217GA SOC	1107	2122	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD GX-218GL SOC	1115	2112	NA	NA
AMD GX-222GC SOC	1255	2038	NA	NA
AMD GX-412HC	1497	1918	NA	NA
AMD GX-415GA SOC	1944	1687	NA	NA
AMD GX-420CA SOC	2412	1491	NA	NA
AMD GX-424CC SOC	2491	1466	NA	NA
AMD K7	403	2556	NA	NA
AMD Opteron 140	396	2567	0.56	\$710.00*
AMD Opteron 142	428	2532	NA	NA
AMD Opteron 144	486	2466	7.48	\$65.00*
AMD Opteron 146	532	2431	8.87	\$59.99*
AMD Opteron 148	603	2393	NA	NA
AMD Opteron 150	604	2391	NA	NA
AMD Opteron 152	658	2364	NA	NA
AMD Opteron 154	703	2346	NA	NA
AMD Opteron 165	899	2257	1.47	\$610.00*
AMD Opteron 170	1097	2127	NA	NA
AMD Opteron 175	1167	2090	NA	NA
AMD Opteron 180	1233	2051	9.49	\$129.95
AMD Opteron 185	1360	1975	NA	NA
AMD Opteron 246	632	2379	4.52	\$139.95
AMD Opteron 248	476	2478	4.77	\$99.95
AMD Opteron 250	649	2369	59.01	\$11.00*
AMD Opteron 252	760	2317	12.00	\$63.36*
AMD Opteron 254	693	2349	NA	NA
AMD Opteron 256	963	2209	50.72	\$19.00*
AMD Opteron 265	963	2210	13.20	\$73.00
AMD Opteron 270	1170	2088	1.93	\$607.47*
AMD Opteron 275	1291	2015	19.87	\$64.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 280	1176	2081	1.48	\$796.67*
AMD Opteron 285	1470	1926	NA	NA
AMD Opteron 290	1464	1929	10.85	\$135.00*
AMD Opteron 1210	923	2240	NA	NA
AMD Opteron 1210 HE	971	2204	NA	NA
AMD Opteron 1212	1009	2177	3.48	\$290.00*
AMD Opteron 1212 HE	1308	2002	NA	NA
AMD Opteron 1214	1191	2074	4.11	\$290.00*
AMD Opteron 1214 HE	1299	2007	NA	NA
AMD Opteron 1216	1311	2001	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2086	NA	NA
AMD Opteron 1218	1468	1928	NA	NA
AMD Opteron 1218 HE	1444	1937	NA	NA
AMD Opteron 1220	1653	1842	NA	NA
AMD Opteron 1222	1757	1773	NA	NA
AMD Opteron 1352	2316	1527	17.04	\$135.99*
AMD Opteron 1354	2630	1412	19.49	\$135.00*
AMD Opteron 1356	2765	1372	30.73	\$89.99*
AMD Opteron 1381	3065	1269	NA	NA
AMD Opteron 2212	1270	2030	63.53	\$20.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2214	1358	1979	46.85	\$29.00*
AMD Opteron 2214 HE	1415	1951	NA	NA
AMD Opteron 2216	1518	1905	61.21	\$24.80
AMD Opteron 2218	1594	1874	49.18	\$32.42*
AMD Opteron 2220	1701	1811	2.24	\$758.84
AMD Opteron 2220 SE	1398	1955	55.92	\$25.00*
AMD Opteron 2222	1843	1739	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1699	NA	NA
AMD Opteron 2350	2820	1353	10.45	\$269.99*
AMD Opteron 2356	2814	1355	54.12	\$52.00
AMD Opteron 2373 EE	2789	1364	NA	NA
AMD Opteron 2374 HE	2951	1306	15.53	\$189.99*
AMD Opteron 2376	2283	1543	13.69	\$166.81*
AMD Opteron 2378	3179	1229	17.76	\$179.00*
AMD Opteron 2380	2640	1409	58.69	\$45.00
AMD Opteron 2384	3538	1130	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1131	NA	NA
AMD Opteron 2393 SE	2246	1562	NA	NA
AMD Opteron 2427	3069	1267	31.00	\$99.00
AMD Opteron 2431	4516	921	112.91	\$40.00
AMD Opteron 2435	4708	878	24.91	\$189.00
AMD Opteron 3250 HE	2942	1309	29.73	\$99.00*
AMD Opteron 3260 HE	3259	1201	NA	NA
AMD Opteron 3280	5403	753	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1400	NA	NA
AMD Opteron 3350 HE	4009	1015	NA	NA
AMD Opteron 3365	5963	683	NA	NA
AMD Opteron 3380	6384	643	7.89	\$809.00*
AMD Opteron 4122	2942	1310	23.55	\$124.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4162 EE	3166	1236	NA	NA
AMD Opteron 4170 HE	3664	1100	62.11	\$59.00*
AMD Opteron 4184	4418	941	8.50	\$519.95*
AMD Opteron 4280	6430	635	128.60	\$50.00
AMD Opteron 4284	6660	617	111.03	\$59.99*
AMD Opteron 4332 HE	5614	724	NA	NA
AMD Opteron 4334	6099	672	28.18	\$216.42*
AMD Opteron 4365 EE	5025	819	NA	NA
AMD Opteron 4386	6761	605	48.30	\$139.99*
AMD Opteron 6128	4505	922	30.24	\$149.00
AMD Opteron 6134	2938	1311	66.81	\$43.99
AMD Opteron 6136	4631	894	42.10	\$110.00*
AMD Opteron 6164 HE	5351	763	NA	NA
AMD Opteron 6172	5261	774	53.14	\$99.00
AMD Opteron 6174	6171	662	62.34	\$99.00
AMD Opteron 6176 SE	5465	744	34.37	\$159.00
AMD Opteron 6212	5776	704	192.62	\$29.99*
AMD Opteron 6220	6785	600	113.11	\$59.99*
AMD Opteron 6234	5938	687	198.27	\$29.95*
AMD Opteron 6238	7673	518	21.32	\$359.89

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6272	6748	607	36.29	\$185.99
AMD Opteron 6274	4865	851	20.36	\$239.00
AMD Opteron 6276	8889	408	48.58	\$182.98
AMD Opteron 6282 SE	9116	383	70.13	\$129.99*
AMD Opteron 6287 SE	9789	321	NA	NA
AMD Opteron 6328	7813	502	15.32	\$509.98
AMD Opteron 6366 HE	7503	530	37.52	\$199.99*
AMD Opteron 6376	9212	373	31.88	\$289.00
AMD Opteron 6378	9094	384	22.79	\$399.00
AMD Opteron 6380	10081	295	32.73	\$308.00
AMD Opteron 6386 SE	10912	252	72.75	\$149.99*
AMD Opteron 8354	2255	1558	93.98	\$24.00
AMD Opteron 8439 SE	3813	1061	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1271	NA	NA
AMD Opteron X3216 APU	2366	1513	NA	NA
AMD Opteron X3418 APU	4659	886	NA	NA
AMD Opteron X3421 APU	4928	841	NA	NA
AMD Phenom 2 X4 12000	3005	1291	NA	NA
AMD Phenom 7950 Quad-Core	2991	1294	NA	NA
AMD Phenom 8250 Triple-Core	1668	1831	NA	NA
AMD Phenom 8250e Triple-Core	1619	1859	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1851	NA	NA
AMD Phenom 8450 Triple-Core	1888	1721	63.07	\$29.95*
AMD Phenom 8450e Triple-Core	2026	1649	NA	NA
AMD Phenom 8600 Triple-Core	1706	1807	32.20	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1696	36.33	\$52.99*
AMD Phenom 8650 Triple-Core	1989	1666	39.79	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1638	NA	NA
AMD Phenom 8750B Triple-Core	2034	1645	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8850 Triple-Core	1968	1676	NA	NA
AMD Phenom 8850B Triple-Core	2080	1629	NA	NA
AMD Phenom 9100e Quad-Core	1835	1746	45.96	\$39.95*
AMD Phenom 9150e Quad-Core	2113	1614	52.91	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1524	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1422	24.76	\$105.00*
AMD Phenom 9500 Quad-Core	2204	1579	76.03	\$28.99*
AMD Phenom 9550 Quad-Core	2543	1445	87.74	\$28.99*
AMD Phenom 9600 Quad-Core	2306	1532	46.18	\$49.95
AMD Phenom 9600B Quad-Core	2573	1434	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2636	1410	47.98	\$54.95*
AMD Phenom 9750 Quad-Core	2812	1357	95.36	\$29.49*
AMD Phenom 9750B Quad-Core	2709	1391	NA	NA
AMD Phenom 9850 Quad-Core	2892	1334	24.11	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1240	NA	NA
AMD Phenom 9950 Quad-Core	3010	1286	22.30	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1456	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1308	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1107	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1143	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N620 Dual-Core	1680	1822	421.15	\$3.99*
AMD Phenom II N640 Dual-Core	1716	1798	26.42	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1735	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1406	NA	NA
AMD Phenom II N830 Triple-Core	1889	1719	NA	NA
AMD Phenom II N850 Triple-Core	1937	1690	77.51	\$25.00*
AMD Phenom II N870 Triple-Core	1993	1663	NA	NA
AMD Phenom II N930 Quad-Core	2274	1547	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1470	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2523	1452	16.83	\$149.99*
AMD Phenom II P650 Dual-Core	1597	1872	45.66	\$35.00*
AMD Phenom II P820 Triple-Core	1604	1867	NA	NA
AMD Phenom II P840 Triple-Core	1722	1792	NA	NA
AMD Phenom II P860 Triple-Core	1756	1774	NA	NA
AMD Phenom II P920 Quad-Core	1866	1728	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1753	NA	NA
AMD Phenom II P960 Quad-Core	2085	1628	74.48	\$28.00*
AMD Phenom II X2 511	2104	1619	NA	NA
AMD Phenom II X2 521	2071	1632	NA	NA
AMD Phenom II X2 545	1914	1703	43.52	\$43.98*
AMD Phenom II X2 550	2021	1650	40.44	\$49.99*
AMD Phenom II X2 555	2045	1642	73.10	\$27.98*
AMD Phenom II X2 560	2059	1636	31.70	\$64.99*
AMD Phenom II X2 565	2222	1573	74.12	\$29.99*
AMD Phenom II X2 570	2068	1633	NA	NA
AMD Phenom II X2 B53	1709	1804	NA	NA
AMD Phenom II X2 B55	1921	1698	40.02	\$48.00*
AMD Phenom II X2 B57	1826	1751	NA	NA
AMD Phenom II X2 B59	2118	1612	108.77	\$19.48*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 700e	2242	1564	NA	NA
AMD Phenom II X3 705e	2227	1570	14.63	\$152.34*
AMD Phenom II X3 710	2446	1480	28.94	\$84.53*
AMD Phenom II X3 715	2649	1408	31.17	\$84.99*
AMD Phenom II X3 720	2669	1401	38.14	\$69.99*
AMD Phenom II X3 740	2985	1295	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1386	36.47	\$75.00*
AMD Phenom II X3 B75	2906	1322	72.69	\$39.99*
AMD Phenom II X3 B77	3067	1268	137.64	\$22.29*
AMD Phenom II X4 805	2998	1292	17.23	\$173.99*
AMD Phenom II X4 810	3122	1252	26.92	\$115.99*
AMD Phenom II X4 820	3396	1166	45.31	\$74.95*
AMD Phenom II X4 830	3434	1158	42.95	\$79.95*
AMD Phenom II X4 840	3508	1138	39.00	\$89.95
AMD Phenom II X4 840T	3599	1112	51.43	\$69.99*
AMD Phenom II X4 850	3549	1126	54.62	\$64.99*
AMD Phenom II X4 900e	2882	1338	NA	NA
AMD Phenom II X4 905e	3078	1265	57.02	\$53.99*
AMD Phenom II X4 910	3252	1205	32.52	\$100.00*
AMD Phenom II X4 910e	3254	1203	20.73	\$156.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 920	3393	1169	42.42	\$79.99*
AMD Phenom II X4 925	3420	1159	77.76	\$43.99*
AMD Phenom II X4 940	3591	1115	60.52	\$59.34*
AMD Phenom II X4 945	3655	1103	53.67	\$68.11
AMD Phenom II X4 955	3926	1038	30.16	\$130.16*
AMD Phenom II X4 960T	3782	1068	59.11	\$63.99*
AMD Phenom II X4 965	4182	985	49.76	\$84.07
AMD Phenom II X4 970	4320	961	29.17	\$148.11*
AMD Phenom II X4 973	3759	1075	NA	NA
AMD Phenom II X4 975	4455	930	31.90	\$139.69*
AMD Phenom II X4 977	3750	1080	NA	NA
AMD Phenom II X4 980	4493	926	19.54	\$229.99*
AMD Phenom II X4 8700e	2377	1507	NA	NA
AMD Phenom II X4 B05e	2792	1362	NA	NA
AMD Phenom II X4 B15e	2736	1385	NA	NA
AMD Phenom II X4 B25	3297	1195	NA	NA
AMD Phenom II X4 B35	3383	1172	NA	NA
AMD Phenom II X4 B40	3361	1177	NA	NA
AMD Phenom II X4 B45	3470	1149	NA	NA
AMD Phenom II X4 B50	3699	1091	NA	NA
AMD Phenom II X4 B55	3855	1048	NA	NA
AMD Phenom II X4 B60	4043	1008	NA	NA
AMD Phenom II X4 B65	4172	987	NA	NA
AMD Phenom II X4 B70	4261	969	NA	NA
AMD Phenom II X4 B93	3358	1180	NA	NA
AMD Phenom II X4 B95	3684	1098	50.51	\$72.95*
AMD Phenom II X4 B97	3865	1046	67.82	\$56.99*
AMD Phenom II X4 B99	4130	996	NA	NA
AMD Phenom II X6 1035T	4643	888	24.57	\$189.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1045T	4799	867	44.44	\$108.01*
AMD Phenom II X6 1055T	4959	836	61.80	\$80.24*
AMD Phenom II X6 1065T	5041	817	NA	NA
AMD Phenom II X6 1075T	5330	767	47.17	\$112.99*
AMD Phenom II X6 1090T	5566	729	14.05	\$396.08*
AMD Phenom II X6 1100T	5710	710	32.17	\$177.49*
AMD Phenom II X6 1405T	5042	816	NA	NA
AMD Phenom II X620 Dual-Core	2189	1585	NA	NA
AMD Phenom II X640 Dual-Core	2021	1651	NA	NA
AMD Phenom II X920 Quad-Core	2650	1407	NA	NA
AMD Phenom II X940 Quad-Core	2695	1394	NA	NA
AMD Phenom Ultra X4 24500	3945	1034	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1813	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1578	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1778	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2079	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1940	NA	NA
AMD Phenom X3 8550	1927	1694	11.34	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1772	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1662	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X4 Quad-Core GP-9600	2235	1567	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1333	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1390	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1396	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2063	NA	NA
AMD PRO A4-3350B APU	2274	1548	NA	NA
AMD PRO A4-8350B	2776	1368	NA	NA
AMD PRO A6-7350B	2759	1376	NA	NA
AMD PRO A6-8500B	2516	1457	NA	NA
AMD PRO A6-8530B	2388	1502	NA	NA
AMD PRO A6-8550B	2970	1302	NA	NA
AMD PRO A6-8570	3049	1277	NA	NA
AMD PRO A6-8570E	2824	1350	NA	NA
AMD PRO A6-9500	3207	1218	43.34	\$74.00*
AMD PRO A6-9500B	2076	1631	NA	NA
AMD PRO A6-9500E	2760	1375	37.30	\$74.00*
AMD PRO A8-8600B	3521	1134	NA	NA
AMD PRO A8-8650B	5266	773	NA	NA
AMD PRO A8-8670E	5015	822	NA	NA
AMD PRO A8-9600	5277	772	44.35	\$119.00*
AMD PRO A8-9600B	3973	1025	NA	NA
AMD PRO A10-8700B	3551	1125	NA	NA
AMD PRO A10-8730B	3971	1026	NA	NA
AMD PRO A10-8750B	5473	739	NA	NA
AMD PRO A10-8770	5707	711	NA	NA
AMD PRO A10-8770E	5035	818	NA	NA
AMD PRO A10-8850B	5852	695	NA	NA
AMD PRO A10-9700	5677	716	33.59	\$169.00*
AMD PRO A10-9700B	4393	945	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A10-9700E	5066	808	36.45	\$139.00*
AMD PRO A12-8800B	4119	999	NA	NA
AMD PRO A12-8830B	4325	959	NA	NA
AMD PRO A12-8870	6067	676	NA	NA
AMD PRO A12-8870E	5186	789	NA	NA
AMD PRO A12-9800	6132	667	36.29	\$169.00*
AMD PRO A12-9800B	4123	998	NA	NA
AMD PRO A12-9800E	4769	870	28.22	\$169.00*
AMD QC-4000	1663	1836	NA	NA
AMD R-260H APU	1576	1879	NA	NA
AMD R-460L APU	1954	1682	NA	NA
AMD R-464L APU	3117	1254	NA	NA
AMD RX-427BB	4349	952	NA	NA
AMD Ryzen 3 1200	6733	609	103.61	\$64.99
AMD Ryzen 3 1300X	7503	529	72.49	\$103.52
AMD Ryzen 3 2200G	7313	554	84.07	\$86.99
AMD Ryzen 3 2200GE	6778	602	NA	NA
AMD Ryzen 3 2200U	4554	908	NA	NA
AMD Ryzen 3 2300U	6151	664	NA	NA
AMD Ryzen 3 2300X	8518	438	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 3 3200U	5015	821	NA	NA
AMD Ryzen 3 PRO 1200	7069	575	NA	NA
AMD Ryzen 3 PRO 1300	8022	483	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	796	NA	NA
AMD Ryzen 3 PRO 2200G	8042	481	NA	NA
AMD Ryzen 3 PRO 2200GE	7698	513	NA	NA
AMD Ryzen 3 PRO 2300U	7124	571	NA	NA
AMD Ryzen 3 PRO 3300U	7398	544	NA	NA
AMD Ryzen 5 1400	8369	449	58.63	\$142.76
AMD Ryzen 5 1500X	10079	296	70.10	\$143.79
AMD Ryzen 5 1600	12281	212	102.36	\$119.99
AMD Ryzen 5 1600X	13219	184	86.42	\$152.98
AMD Ryzen 5 2400G	9309	364	68.08	\$136.74
AMD Ryzen 5 2400GE	8692	423	NA	NA
AMD Ryzen 5 2500U	7338	551	NA	NA
AMD Ryzen 5 2500X	9663	336	NA	NA
AMD Ryzen 5 2600	13527	179	93.30	\$144.99
AMD Ryzen 5 2600H	7949	490	NA	NA
AMD Ryzen 5 2600X	14381	148	79.90	\$179.99
AMD Ryzen 5 3500U	7929	491	NA	NA
AMD Ryzen 5 3550H	8535	437	NA	NA
AMD Ryzen 5 PRO 1500	10133	290	NA	NA
AMD Ryzen 5 PRO 1600	12213	214	NA	NA
AMD Ryzen 5 PRO 2400G	9892	312	NA	NA
AMD Ryzen 5 PRO 2400GE	8635	432	NA	NA
AMD Ryzen 5 PRO 2500U	8394	448	NA	NA
AMD Ryzen 5 PRO 2600	14221	153	NA	NA
AMD Ryzen 7 1700	13770	170	80.43	\$171.21
AMD Ryzen 7 1700X	14677	141	81.63	\$179.79
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 1800X	15413	127	74.48	\$206.95
AMD Ryzen 7 2700	15033	133	71.91	\$209.05
AMD Ryzen 7 2700U	7351	549	NA	NA
AMD Ryzen 7 2700X	16982	90	60.65	\$279.99
AMD Ryzen 7 2800H	8498	439	NA	NA
AMD Ryzen 7 3700U	7198	564	NA	NA
AMD Ryzen 7 3750H	8974	400	NA	NA
AMD Ryzen 7 PRO 1700	14171	155	NA	NA
AMD Ryzen 7 PRO 1700X	15349	129	NA	NA
AMD Ryzen 7 PRO 2700	15897	119	NA	NA
AMD Ryzen 7 PRO 2700U	8879	410	NA	NA
AMD Ryzen 7 PRO 2700X	17218	85	NA	NA
AMD Ryzen 7 PRO 3700U	9146	377	NA	NA
AMD Ryzen Embedded V1202B	5051	811	NA	NA
AMD Ryzen Embedded V1605B	7454	535	NA	NA
AMD Ryzen Embedded V1807B	8354	451	NA	NA
AMD Ryzen Threadripper 1900X	16133	111	55.64	\$289.99
AMD Ryzen Threadripper 1920X	19628	61	60.40	\$324.99
AMD Ryzen Threadripper 1950X	21829	35	43.66	\$499.99
AMD Ryzen Threadripper 2920X	22058	31	35.29	\$625.10

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Threadripper 2950X	25515	13	31.12	\$819.99
AMD Ryzen Threadripper 2970WX	21875	33	17.79	\$1,229.99
AMD Ryzen Threadripper 2990WX	23273	24	14.39	\$1,617.11
AMD Ryzen Threadripper 2990X	19227	65	NA	NA
AMD Sempron 130	656	2367	26.29	\$24.99*
AMD Sempron 140	735	2328	18.58	\$39.59*
AMD Sempron 145	806	2300	8.49	\$94.92
AMD Sempron 150	707	2342	15.74	\$44.95*
AMD Sempron 200U	267	2731	3.08	\$87.00*
AMD Sempron 210U	391	2577	NA	NA
AMD Sempron 240	2110	1616	36.39	\$58.00
AMD Sempron 2100+	392	2575	NA	NA
AMD Sempron 2200+	281	2715	9.38	\$29.99*
AMD Sempron 2300+	318	2652	7.07	\$45.00*
AMD Sempron 2400+	314	2659	12.10	\$26.00
AMD Sempron 2500+	335	2635	6.11	\$54.95
AMD Sempron 2600+	373	2593	10.70	\$34.95
AMD Sempron 2650 APU	944	2229	17.60	\$53.68
AMD Sempron 2800+	383	2581	6.40	\$59.95
AMD Sempron 3000+	408	2549	20.41	\$20.00
AMD Sempron 3100+	452	2502	7.53	\$60.00*
AMD Sempron 3200+	406	2550	3.10	\$131.22*
AMD Sempron 3300+	484	2471	8.07	\$60.00
AMD Sempron 3400+	454	2500	3.47	\$131.22*
AMD Sempron 3500+	379	2584	18.98	\$20.00*
AMD Sempron 3600+	483	2473	40.30	\$12.00*
AMD Sempron 3800+	554	2419	3.62	\$152.92*
AMD Sempron 3850 APU	1711	1801	27.61	\$62.00
AMD Sempron Dual Core 2100	936	2231	24.02	\$39.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron Dual Core 2200	995	2188	NA	NA
AMD Sempron Dual Core 2300	982	2197	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2223	NA	NA
AMD Sempron Dual Core 4900	1081	2140	NA	NA
AMD Sempron LE-250	490	2460	NA	NA
AMD Sempron LE-1100	438	2519	NA	NA
AMD Sempron LE-1150	444	2510	NA	NA
AMD Sempron LE-1200	528	2433	NA	NA
AMD Sempron LE-1250	541	2425	5.41	\$99.95*
AMD Sempron LE-1300	598	2395	27.22	\$22.00
AMD Sempron LE-1600	535	2430	NA	NA
AMD Sempron LE-1620	635	2377	NA	NA
AMD Sempron LE-1640	759	2318	NA	NA
AMD Sempron M100	561	2415	46.80	\$12.00*
AMD Sempron M120	582	2403	NA	NA
AMD Sempron SI-40	443	2512	36.93	\$12.00*
AMD Sempron SI-42	456	2499	15.22	\$30.01*
AMD Sempron X2 180	1222	2056	17.62	\$69.40*
AMD Sempron X2 190	1512	1910	18.12	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1952	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 MK-36	465	2486	NA	NA
AMD Turion 64 Mobile MK-38	513	2444	NA	NA
AMD Turion 64 Mobile ML-28	390	2578	NA	NA
AMD Turion 64 Mobile ML-30	402	2559	NA	NA
AMD Turion 64 Mobile ML-32	410	2544	NA	NA
AMD Turion 64 Mobile ML-34	425	2535	NA	NA
AMD Turion 64 Mobile ML-37	442	2513	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2438	NA	NA
AMD Turion 64 Mobile ML-42	615	2386	NA	NA
AMD Turion 64 Mobile ML-44	591	2397	NA	NA
AMD Turion 64 Mobile MT-28	419	2537	NA	NA
AMD Turion 64 Mobile MT-30	378	2585	NA	NA
AMD Turion 64 Mobile MT-32	426	2534	NA	NA
AMD Turion 64 Mobile MT-34	429	2530	NA	NA
AMD Turion 64 Mobile MT-37	484	2470	NA	NA
AMD Turion 64 Mobile MT-40	536	2428	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2324	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2314	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2259	63.89	\$13.95
AMD Turion 64 X2 Mobile TL-58	946	2225	NA	NA
AMD Turion 64 X2 Mobile TL-60	995	2189	45.35	\$21.95*
AMD Turion 64 X2 Mobile TL-62	1087	2134	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1092	2132	27.72	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2106	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2092	12.92	\$90.00*
AMD Turion Dual-Core RM-70	912	2250	36.49	\$25.00
AMD Turion Dual-Core RM-72	860	2268	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2174	NA	NA
AMD Turion Dual-Core RM-75	977	2199	35.61	\$27.46*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II Dual-Core Mobile M500	1293	2012	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	2003	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1989	NA	NA
AMD Turion II N530 Dual-Core	1583	1878	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1899	NA	NA
AMD Turion II Neo K625 Dual-Core	975	2201	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2076	NA	NA
AMD Turion II Neo N40L Dual-Core	925	2239	NA	NA
AMD Turion II Neo N54L Dual-Core	1361	1973	NA	NA
AMD Turion II P520 Dual-Core	1359	1978	NA	NA
AMD Turion II P540 Dual-Core	1430	1943	28.63	\$49.95*
AMD Turion II P560 Dual-Core	1514	1909	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	1953	78.98	\$17.81*
AMD Turion II Ultra Dual-Core Mobile M620	1433	1942	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1830	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1894	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2296	NA	NA
AMD Turion X2 Dual Core L510	923	2241	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2270	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2149	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Dual-Core Mobile RM-70	993	2193	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2137	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2148	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1137	2108	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2101	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1012	2175	16.33	\$62.00
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2138	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2064	63.72	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2049	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	2010	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1232	2053	30.86	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2187	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2167	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1933	NA	NA
AMD V105	299	2679	NA	NA
AMD V120	623	2384	NA	NA
AMD V140	643	2374	12.88	\$49.95*
AMD V160	677	2359	NA	NA
AMD Z-01	523	2437	NA	NA
AMD Z-60 APU	500	2455	NA	NA
AMD-K6 3D	90	2855	NA	NA
AMD-K6-III	108	2852	NA	NA
AMD-K7	403	2557	NA	NA
Athlon 64 Dual Core 3800+	1234	2050	NA	NA
Athlon 64 Dual Core 4200+	1156	2096	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	1969	NA	NA
Athlon 64 Dual Core 5000+	1507	1911	NA	NA
Athlon 64 Dual Core 5400+	1614	1863	NA	NA
Athlon 64 Dual Core 5600+	1548	1888	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Athlon Dual Core 4050e	968	2206	NA	NA
Athlon Dual Core 4450e	1204	2066	NA	NA
Athlon Dual Core 4850e	1327	1994	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1345	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1085	2136	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1170	2087	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1201	2070	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	2027	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2065	NA	NA
HP Hexa-Core 2.0GHz	2178	1587	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2272	NA	NA
Intel 1400 @ 1.83GHz	980	2198	NA	NA
Intel 1500 @ 2.00GHz	1024	2169	NA	NA
Intel Atom 230 @ 1.60GHz	307	2666	NA	NA
Intel Atom 330 @ 1.60GHz	587	2401	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2258	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2213	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1626	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1556	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1589	15.95	\$136.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C2750 @ 2.40GHz	3806	1064	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1184	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1239	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1477	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1447	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	856	14.62	\$332.00*
Intel Atom D410 @ 1.66GHz	301	2675	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2627	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2366	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2343	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2555	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2356	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2338	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2281	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2335	NA	NA
Intel Atom E660 @ 1.30GHz	271	2727	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2624	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2640	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2406	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2461	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2277	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2093	NA	NA
Intel Atom E3845 @ 1.91GHz	1501	1913	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1727	NA	NA
Intel Atom E3950 @ 1.60GHz	1855	1733	NA	NA
Intel Atom K510 @ 1.66GHz	658	2365	NA	NA
Intel Atom N270 @ 1.60GHz	270	2730	NA	NA
Intel Atom N280 @ 1.66GHz	283	2708	NA	NA
Intel Atom N435 @ 1.33GHz	261	2738	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N450 @ 1.66GHz	295	2687	NA	NA
Intel Atom N455 @ 1.66GHz	283	2706	NA	NA
Intel Atom N470 @ 1.83GHz	318	2651	NA	NA
Intel Atom N475 @ 1.83GHz	314	2657	NA	NA
Intel Atom N550 @ 1.50GHz	524	2436	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	572	2411	6.66	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2671	NA	NA
Intel Atom N2600 @ 1.60GHz	525	2435	NA	NA
Intel Atom N2800 @ 1.86GHz	624	2382	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2246	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1643	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2297	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1623	1858	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1194	2072	8.98	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1018	2173	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1267	2032	60.36	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1692	1818	27.06	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1837	1745	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1893	1714	25.72	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1889	1720	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z510 @ 1.10GHz	194	2806	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2782	NA	NA
Intel Atom Z520 @ 1.33GHz	216	2785	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2714	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2621	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2582	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2762	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2414	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2247	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2236	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2254	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2255	NA	NA
Intel Atom Z3736F @ 1.33GHz	919	2245	NA	NA
Intel Atom Z3740 @ 1.33GHz	1061	2147	NA	NA
Intel Atom Z3740D @ 1.33GHz	1025	2168	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2143	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1034	2161	NA	NA
Intel Atom Z3770 @ 1.46GHz	1245	2047	8.34	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2301	NA	NA
Intel Atom Z3775 @ 1.46GHz	1259	2035	35.98	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2026	NA	NA
Intel Atom Z3795 @ 1.60GHz	1772	1768	NA	NA
Intel Celeron 1.70GHz	130	2845	NA	NA
Intel Celeron 1.80GHz	136	2842	NA	NA
Intel Celeron 2.00GHz	182	2818	NA	NA
Intel Celeron 2.10GHz	244	2760	NA	NA
Intel Celeron 2.13GHz	208	2793	NA	NA
Intel Celeron 2.20GHz	213	2788	NA	NA
Intel Celeron 2.26GHz	223	2777	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.30GHz	227	2774	NA	NA
Intel Celeron 2.40GHz	217	2783	NA	NA
Intel Celeron 2.50GHz	247	2754	NA	NA
Intel Celeron 2.53GHz	245	2758	NA	NA
Intel Celeron 2.60GHz	238	2765	NA	NA
Intel Celeron 2.66GHz	250	2751	NA	NA
Intel Celeron 2.70GHz	245	2759	NA	NA
Intel Celeron 2.80GHz	254	2744	NA	NA
Intel Celeron 2.93GHz	283	2707	NA	NA
Intel Celeron 3.06GHz	284	2703	NA	NA
Intel Celeron 3.20GHz	288	2696	NA	NA
Intel Celeron 3.33GHz	333	2638	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2646	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2648	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2504	11.27	\$39.99*
Intel Celeron 430 @ 1.80GHz	488	2462	29.60	\$16.52
Intel Celeron 440 @ 2.00GHz	548	2420	9.14	\$59.99
Intel Celeron 450 @ 2.20GHz	624	2383	20.82	\$29.99*
Intel Celeron 530 @ 1.73GHz	470	2482	20.47	\$22.99
Intel Celeron 540 @ 1.86GHz	521	2439	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 550 @ 2.00GHz	517	2441	7.96	\$64.95
Intel Celeron 560 @ 2.13GHz	535	2429	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2440	NA	NA
Intel Celeron 600MHz	147	2838	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2553	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2529	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2322	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2599	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2387	NA	NA
Intel Celeron 847 @ 1.10GHz	934	2232	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1030	2163	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2104	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2085	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	2016	NA	NA
Intel Celeron 887 @ 1.50GHz	1278	2025	NA	NA
Intel Celeron 900 @ 2.20GHz	677	2358	12.61	\$53.75
Intel Celeron 925 @ 2.30GHz	688	2351	NA	NA
Intel Celeron 1000M @ 1.80GHz	1676	1824	NA	NA
Intel Celeron 1000MHz	213	2787	NA	NA
Intel Celeron 1005M @ 1.90GHz	1811	1755	NA	NA
Intel Celeron 1007U @ 1.50GHz	1389	1959	7.51	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1521	1898	NA	NA
Intel Celeron 1019Y @ 1.00GHz	946	2226	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1569	NA	NA
Intel Celeron 1037U @ 1.80GHz	1736	1787	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2075	NA	NA
Intel Celeron 1066MHz	259	2740	NA	NA
Intel Celeron 1100MHz	174	2824	NA	NA
Intel Celeron 1133MHz	282	2709	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1200MHz	244	2761	NA	NA
Intel Celeron 1300MHz	288	2698	NA	NA
Intel Celeron 1333MHz	290	2692	NA	NA
Intel Celeron 1400MHz	302	2672	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1515	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1865	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1974	1672	NA	NA
Intel Celeron 2955U @ 1.40GHz	1420	1948	NA	NA
Intel Celeron 2957U @ 1.40GHz	1434	1941	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2117	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1529	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1875	NA	NA
Intel Celeron 2981U @ 1.60GHz	1522	1897	NA	NA
Intel Celeron 3205U @ 1.50GHz	1497	1917	5.22	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1635	1850	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1810	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1665	NA	NA
Intel Celeron 3855U @ 1.60GHz	1673	1826	NA	NA
Intel Celeron 3865U @ 1.80GHz	1914	1702	NA	NA
Intel Celeron 3867U @ 1.80GHz	1999	1661	18.69	\$107.00*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3955U @ 2.00GHz	1913	1704	NA	NA
Intel Celeron 3965U @ 2.20GHz	2411	1492	22.54	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1629	1853	15.23	\$107.00*
Intel Celeron 4205U @ 1.80GHz	1953	1683	18.25	\$107.00*
Intel Celeron @ 1.30GHz	965	2207	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2812	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2294	NA	NA
Intel Celeron B800 @ 1.50GHz	1274	2028	NA	NA
Intel Celeron B810 @ 1.60GHz	1425	1945	NA	NA
Intel Celeron B815 @ 1.60GHz	1365	1971	NA	NA
Intel Celeron B820 @ 1.70GHz	1429	1944	36.37	\$39.29*
Intel Celeron B830 @ 1.80GHz	1515	1908	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1794	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2729	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2673	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2654	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2634	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2554	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2474	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2402	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2271	7.80	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1046	2155	11.64	\$89.95
Intel Celeron E1500 @ 2.20GHz	1180	2080	60.07	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2037	NA	NA
Intel Celeron E3200 @ 2.40GHz	1383	1963	26.62	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1386	1961	21.33	\$64.99
Intel Celeron E3400 @ 2.60GHz	1439	1939	29.90	\$48.15*
Intel Celeron E3500 @ 2.70GHz	1454	1932	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	694	2348	13.90	\$49.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G460 @ 1.80GHz	1029	2164	15.84	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2146	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2009	NA	NA
Intel Celeron G530 @ 2.40GHz	2131	1604	53.31	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1797	NA	NA
Intel Celeron G540 @ 2.50GHz	2195	1583	48.79	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1613	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1538	28.63	\$80.00
Intel Celeron G550T @ 2.20GHz	2063	1635	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1487	60.57	\$40.00*
Intel Celeron G1101 @ 2.27GHz	1667	1833	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2489	1467	8.30	\$299.95
Intel Celeron G1610T @ 2.30GHz	2286	1540	57.12	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2577	1431	16.78	\$153.59*
Intel Celeron G1620T @ 2.40GHz	2353	1517	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1465	35.63	\$69.99
Intel Celeron G1820 @ 2.70GHz	2754	1379	30.61	\$89.99
Intel Celeron G1820T @ 2.40GHz	2496	1464	59.44	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1602	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1444	26.80	\$94.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1840 @ 2.80GHz	2859	1342	29.68	\$96.35
Intel Celeron G1840T @ 2.50GHz	2605	1421	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1321	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3147	1246	40.36	\$77.99
Intel Celeron G3900E @ 2.40GHz	2679	1399	NA	NA
Intel Celeron G3900T @ 2.60GHz	2919	1319	25.96	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1426	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1251	22.31	\$139.99
Intel Celeron G3930 @ 2.90GHz	3037	1279	59.36	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1370	32.17	\$85.99*
Intel Celeron G3950 @ 3.00GHz	3049	1276	42.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3270	1199	47.40	\$68.99
Intel Celeron G4900T @ 2.90GHz	3037	1280	NA	NA
Intel Celeron G4920 @ 3.20GHz	3192	1225	41.74	\$76.50*
Intel Celeron J1750 @ 2.41GHz	1037	2160	NA	NA
Intel Celeron J1800 @ 2.41GHz	1028	2166	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1860	NA	NA
Intel Celeron J1900 @ 1.99GHz	1841	1741	NA	NA
Intel Celeron J3060 @ 1.60GHz	974	2202	NA	NA
Intel Celeron J3160 @ 1.60GHz	1791	1761	NA	NA
Intel Celeron J3355 @ 2.00GHz	1203	2069	NA	NA
Intel Celeron J3455 @ 1.50GHz	2124	1610	5.74	\$369.99
Intel Celeron J4005 @ 2.00GHz	1541	1891	10.97	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2633	1411	24.61	\$107.00*
Intel Celeron M 1.00GHz	207	2794	16.60	\$12.49
Intel Celeron M 1.30GHz	316	2653	NA	NA
Intel Celeron M 1.50GHz	343	2629	NA	NA
Intel Celeron M 1.60GHz	364	2608	NA	NA
Intel Celeron M 1.70GHz	393	2574	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 360 1.40GHz	328	2642	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2655	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2631	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2601	NA	NA
Intel Celeron M 440 @ 1.86GHz	397	2565	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2746	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2505	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2527	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2490	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2424	NA	NA
Intel Celeron M 600MHz	151	2836	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2498	NA	NA
Intel Celeron M 900MHz	204	2796	NA	NA
Intel Celeron M 1200MHz	275	2724	NA	NA
Intel Celeron M 1300MHz	303	2669	NA	NA
Intel Celeron M 1500MHz	333	2639	NA	NA
Intel Celeron M ULV 800MHz	184	2816	NA	NA
Intel Celeron N2805 @ 1.46GHz	461	2495	NA	NA
Intel Celeron N2806 @ 1.60GHz	791	2306	NA	NA
Intel Celeron N2807 @ 1.58GHz	853	2274	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2808 @ 1.58GHz	913	2248	NA	NA
Intel Celeron N2810 @ 2.00GHz	787	2307	5.62	\$139.99*
Intel Celeron N2815 @ 1.86GHz	852	2276	NA	NA
Intel Celeron N2820 @ 2.13GHz	925	2237	4.41	\$209.99
Intel Celeron N2830 @ 2.16GHz	954	2219	NA	NA
Intel Celeron N2840 @ 2.16GHz	1003	2180	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2068	NA	NA
Intel Celeron N2920 @ 1.86GHz	1500	1914	NA	NA
Intel Celeron N2930 @ 1.83GHz	1628	1855	NA	NA
Intel Celeron N2940 @ 1.83GHz	1731	1788	NA	NA
Intel Celeron N3000 @ 1.04GHz	909	2252	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2208	NA	NA
Intel Celeron N3050 @ 1.60GHz	878	2261	5.73	\$153.21
Intel Celeron N3060 @ 1.60GHz	989	2195	NA	NA
Intel Celeron N3150 @ 1.60GHz	1655	1840	NA	NA
Intel Celeron N3160 @ 1.60GHz	1664	1834	5.37	\$309.88
Intel Celeron N3350 @ 1.10GHz	1107	2123	NA	NA
Intel Celeron N3450 @ 1.10GHz	1842	1740	6.22	\$295.99
Intel Celeron N4000 @ 1.10GHz	1439	1938	13.46	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2330	1520	21.78	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1119	2110	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2191	NA	NA
Intel Celeron P4600 @ 2.00GHz	1342	1986	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2311	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2222	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2150	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1809	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2333	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2353	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron U3600 @ 1.20GHz	809	2299	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2153	87.74	\$11.99*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2095	23.15	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1270	2031	211.77	\$6.00*
Intel Core2 Duo E4600 @ 2.40GHz	1384	1962	8.76	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	1923	54.88	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1109	2119	85.40	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2077	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1289	2017	43.06	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1360	1976	27.21	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1458	1930	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1916	100.24	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1553	1887	103.66	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1817	56.47	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1715	1799	166.54	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1947	1685	38.95	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1629	1854	33.26	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1725	1791	43.28	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1771	1769	61.12	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1724	125.04	\$14.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E7600 @ 3.06GHz	1966	1677	16.40	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1520	1901	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1746	1779	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1883	1723	37.68	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1681	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1516	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1991	1664	99.61	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1736	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1607	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2149	1597	47.82	\$44.95
Intel Core2 Duo E8435 @ 3.06GHz	2127	1609	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2281	1544	57.06	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2401	1498	56.58	\$42.45
Intel Core2 Duo E8700 @ 3.50GHz	2212	1577	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2316	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2354	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2290	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2278	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	958	2216	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2203	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2111	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1074	2145	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1335	1990	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	2014	64.59	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	2008	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1417	1950	35.44	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2228	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1904	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1452	1934	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P7700 @ 1.80GHz	1021	2171	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1455	1931	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1893	31.24	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1857	42.76	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1784	30.57	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1884	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1753	1776	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1745	1780	17.63	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1863	1730	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2015	1654	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2400	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2042	4.95	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1674	1825	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	928	2235	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	832	2285	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	838	2284	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2295	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	932	2233	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2249	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2253	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5500 @ 1.66GHz	923	2242	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1044	2157	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2165	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2192	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1094	2131	109.57	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1114	2114	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1197	2071	75.33	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1150	2100	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	2062	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2055	81.80	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1286	2020	85.82	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1257	2036	32.67	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1361	1974	72.04	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1359	1977	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1018	2172	46.32	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	2089	11.69	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1115	2113	5.53	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1192	2073	38.48	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1246	2046	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1270	2029	29.56	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1381	1965	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1423	1947	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1594	1873	2.62	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1296	2011	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1472	1925	13.51	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1673	1827	28.86	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1739	1785	24.87	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1797	1759	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1805	1757	6.04	\$298.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T9600 @ 2.80GHz	1927	1693	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2020	1652	4.77	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2131	1603	5.34	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	873	2264	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2398	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2361	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2347	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2269	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1128	2109	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1819	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1102	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3634	1106	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1152	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1873	1726	7.11	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1758	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1992	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1820	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1898	1710	4.63	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2063	1634	2.42	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4157	990	4.83	\$859.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme X9750 @ 3.16GHz	4504	923	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	897	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	887	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2950	1307	73.79	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3283	1198	72.98	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2811	1358	122.29	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2980	1296	59.62	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3162	1238	13.18	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2524	1450	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1209	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3159	1241	15.84	\$199.50
Intel Core2 Quad Q9400 @ 2.66GHz	3340	1186	69.59	\$48.01*
Intel Core2 Quad Q9450 @ 2.66GHz	3758	1076	105.28	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3533	1132	101.00	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3556	1123	18.72	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3963	1031	89.09	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4161	989	37.83	\$110.00
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1032	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2612	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2662	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2539	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	464	2487	NA	NA
Intel Core 330 @ 1.60GHz	643	2373	NA	NA
Intel Core 860 @ 2.80GHz	4555	907	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2336	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2339	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2323	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2350	NA	NA
Intel Core Duo T2250 @ 1.73GHz	756	2319	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2300 @ 1.66GHz	727	2331	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2315	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2302	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2289	NA	NA
Intel Core Duo T2500 @ 2.00GHz	867	2266	7.23	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2230	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2170	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2422	NA	NA
Intel Core Duo U2500 @ 1.20GHz	511	2447	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1691	NA	NA
Intel Core i3-330M @ 2.13GHz	1786	1764	11.17	\$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2144	NA	NA
Intel Core i3-350M @ 2.27GHz	1891	1716	17.37	\$108.95
Intel Core i3-370M @ 2.40GHz	2014	1655	50.42	\$39.96*
Intel Core i3-380M @ 2.53GHz	2092	1623	9.97	\$209.95
Intel Core i3-380UM @ 1.33GHz	1160	2094	NA	NA
Intel Core i3-390M @ 2.67GHz	2183	1586	56.06	\$38.95*
Intel Core i3-530 @ 2.93GHz	2567	1437	13.59	\$189.00
Intel Core i3-540 @ 3.07GHz	2688	1397	18.54	\$144.98
Intel Core i3-550 @ 3.20GHz	2829	1348	16.10	\$175.74

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-560 @ 3.33GHz	2934	1312	16.31	\$179.95
Intel Core i3-2100 @ 3.10GHz	3690	1096	17.66	\$208.95
Intel Core i3-2100T @ 2.50GHz	2962	1305	49.39	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1083	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3710	1088	32.27	\$114.99*
Intel Core i3-2120 @ 3.30GHz	3929	1037	39.98	\$98.29
Intel Core i3-2120T @ 2.60GHz	3164	1237	19.78	\$160.00*
Intel Core i3-2125 @ 3.30GHz	4003	1017	19.34	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4068	1006	35.38	\$114.99
Intel Core i3-2140 @ 3.50GHz	4325	960	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1344	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2431	1484	62.66	\$38.81
Intel Core i3-2312M @ 2.10GHz	2374	1508	NA	NA
Intel Core i3-2328M @ 2.20GHz	2543	1446	27.36	\$92.97
Intel Core i3-2330E @ 2.20GHz	3073	1266	NA	NA
Intel Core i3-2330M @ 2.20GHz	2524	1449	14.83	\$170.20
Intel Core i3-2332M @ 2.20GHz	2382	1505	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1793	NA	NA
Intel Core i3-2348M @ 2.30GHz	2618	1415	NA	NA
Intel Core i3-2350M @ 2.30GHz	2627	1413	18.77	\$139.95
Intel Core i3-2357M @ 1.30GHz	1556	1886	NA	NA
Intel Core i3-2365M @ 1.40GHz	1676	1823	NA	NA
Intel Core i3-2367M @ 1.40GHz	1707	1806	NA	NA
Intel Core i3-2370M @ 2.40GHz	2776	1367	69.75	\$39.81*
Intel Core i3-2375M @ 1.50GHz	1774	1767	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1750	NA	NA
Intel Core i3-3110M @ 2.40GHz	3081	1264	38.55	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3221	1214	29.29	\$110.00*
Intel Core i3-3130M @ 2.60GHz	3390	1170	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3210 @ 3.20GHz	4039	1009	13.76	\$293.59
Intel Core i3-3217U @ 1.80GHz	2303	1534	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1593	NA	NA
Intel Core i3-3220 @ 3.30GHz	4243	973	53.57	\$79.21
Intel Core i3-3220T @ 2.80GHz	3692	1094	13.48	\$273.95
Intel Core i3-3225 @ 3.30GHz	4343	953	36.50	\$119.00
Intel Core i3-3227U @ 1.90GHz	2465	1474	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1812	NA	NA
Intel Core i3-3240 @ 3.40GHz	4315	963	21.58	\$199.99
Intel Core i3-3240T @ 2.90GHz	3653	1104	NA	NA
Intel Core i3-3245 @ 3.40GHz	4437	934	24.79	\$179.01
Intel Core i3-3250 @ 3.50GHz	4445	932	46.80	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1108	NA	NA
Intel Core i3-4000M @ 2.40GHz	3253	1204	16.27	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2443	1481	NA	NA
Intel Core i3-4010U @ 1.70GHz	2439	1482	8.44	\$289.00
Intel Core i3-4010Y @ 1.30GHz	1900	1709	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2163	1592	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2213	1576	NA	NA
Intel Core i3-4025U @ 1.90GHz	2787	1365	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4030U @ 1.90GHz	2717	1389	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1460	NA	NA
Intel Core i3-4100M @ 2.50GHz	3443	1156	15.76	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	1043	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1331	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1275	NA	NA
Intel Core i3-4130 @ 3.40GHz	4804	863	25.97	\$184.99
Intel Core i3-4130T @ 2.90GHz	4142	993	46.55	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4898	846	30.62	\$159.99
Intel Core i3-4150T @ 3.00GHz	4232	975	18.40	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1320	NA	NA
Intel Core i3-4160 @ 3.60GHz	5050	812	46.33	\$109.00
Intel Core i3-4160T @ 3.10GHz	4438	933	29.59	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5190	788	33.48	\$155.00
Intel Core i3-4170T @ 3.20GHz	4549	912	21.67	\$209.95
Intel Core i3-4330 @ 3.50GHz	5082	802	24.44	\$208.00
Intel Core i3-4330T @ 3.00GHz	4485	927	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1220	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	779	27.60	\$189.99
Intel Core i3-4350 @ 3.60GHz	4990	827	29.36	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	964	NA	NA
Intel Core i3-4360 @ 3.70GHz	5462	745	21.09	\$259.00
Intel Core i3-4360T @ 3.20GHz	4636	892	NA	NA
Intel Core i3-4370 @ 3.80GHz	5612	725	18.16	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4870	848	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	839	NA	NA
Intel Core i3-5005U @ 2.00GHz	2906	1326	NA	NA
Intel Core i3-5010U @ 2.10GHz	3055	1272	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	3007	1289	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-5020U @ 2.20GHz	3195	1223	6.96	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3663	1101	NA	NA
Intel Core i3-6006U @ 2.00GHz	3085	1261	NA	NA
Intel Core i3-6098P @ 3.60GHz	5424	749	40.56	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5484	738	36.92	\$148.57
Intel Core i3-6100E @ 2.70GHz	3769	1071	NA	NA
Intel Core i3-6100H @ 2.70GHz	4249	971	NA	NA
Intel Core i3-6100T @ 3.20GHz	4854	854	35.96	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	4337	956	NA	NA
Intel Core i3-6100U @ 2.30GHz	3602	1111	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	1054	NA	NA
Intel Core i3-6300 @ 3.80GHz	5844	699	25.44	\$229.77
Intel Core i3-6300T @ 3.30GHz	5255	776	33.91	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6047	678	20.23	\$298.99*
Intel Core i3-7020U @ 2.30GHz	3510	1136	12.49	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5785	703	35.83	\$161.49
Intel Core i3-7100H @ 3.00GHz	4667	884	20.75	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5044	814	13.97	\$361.00
Intel Core i3-7100U @ 2.40GHz	3774	1070	9.92	\$380.64*
Intel Core i3-7101TE @ 3.40GHz	5196	784	44.42	\$117.00*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7130U @ 2.70GHz	4076	1004	14.51	\$281.00*
Intel Core i3-7167U @ 2.80GHz	4757	872	NA	NA
Intel Core i3-7300 @ 4.00GHz	6360	647	37.02	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	758	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6413	639	35.10	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6623	621	41.94	\$157.95
Intel Core i3-8100 @ 3.60GHz	8044	480	50.24	\$160.12
Intel Core i3-8100B @ 3.60GHz	8453	442	63.56	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7392	545	53.19	\$139.00*
Intel Core i3-8109U @ 3.00GHz	6178	660	NA	NA
Intel Core i3-8121U @ 2.20GHz	4738	875	NA	NA
Intel Core i3-8130U @ 2.20GHz	5060	809	18.01	\$281.00*
Intel Core i3-8145U @ 2.10GHz	4819	858	17.15	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8676	427	49.83	\$174.10
Intel Core i3-8300T @ 3.20GHz	8032	482	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9219	372	49.84	\$184.99
Intel Core i3-21050 @ 3.10GHz	3862	1047	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1582	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1469	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3599	1113	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3810	1063	NA	NA
Intel Core i5-430M @ 2.27GHz	2097	1621	14.99	\$139.95
Intel Core i5-430UM @ 1.20GHz	1341	1987	NA	NA
Intel Core i5-450M @ 2.40GHz	2127	1608	66.59	\$31.95*
Intel Core i5-460M @ 2.53GHz	2323	1522	31.01	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	2141	NA	NA
Intel Core i5-480M @ 2.67GHz	2402	1496	29.81	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1563	NA	NA
Intel Core i5-520M @ 2.40GHz	2370	1511	39.52	\$59.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-520UM @ 1.07GHz	1356	1980	NA	NA
Intel Core i5-540M @ 2.53GHz	2454	1478	12.92	\$189.95
Intel Core i5-540UM @ 1.20GHz	1375	1968	NA	NA
Intel Core i5-560M @ 2.67GHz	2578	1430	42.98	\$60.00
Intel Core i5-560UM @ 1.33GHz	1664	1835	NA	NA
Intel Core i5-580M @ 2.67GHz	2596	1423	23.62	\$109.95*
Intel Core i5-650 @ 3.20GHz	3098	1258	56.32	\$55.02
Intel Core i5-655K @ 3.20GHz	3395	1168	56.60	\$59.99*
Intel Core i5-660 @ 3.33GHz	3254	1202	9.30	\$349.95
Intel Core i5-661 @ 3.33GHz	3186	1226	31.86	\$99.99*
Intel Core i5-670 @ 3.47GHz	3313	1191	36.83	\$89.99*
Intel Core i5-680 @ 3.60GHz	3509	1137	38.99	\$89.99*
Intel Core i5-750 @ 2.67GHz	3692	1095	39.89	\$92.55*
Intel Core i5-760 @ 2.80GHz	3886	1042	16.90	\$229.95
Intel Core i5-2300 @ 2.80GHz	5359	760	67.01	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5539	733	29.73	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5766	706	36.04	\$160.00*
Intel Core i5-2380P @ 3.10GHz	5749	708	31.94	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4226	976	42.31	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5967	682	93.24	\$64.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2400S @ 2.50GHz	4981	830	33.21	\$149.99
Intel Core i5-2405S @ 2.50GHz	5082	801	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3167	1234	40.57	\$78.07
Intel Core i5-2415M @ 2.30GHz	3299	1194	NA	NA
Intel Core i5-2430M @ 2.40GHz	3284	1197	36.86	\$89.11
Intel Core i5-2435M @ 2.40GHz	3224	1213	NA	NA
Intel Core i5-2450M @ 2.50GHz	3401	1163	38.65	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6132	668	68.14	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2320	1525	NA	NA
Intel Core i5-2500 @ 3.30GHz	6339	648	115.27	\$55.00
Intel Core i5-2500K @ 3.30GHz	6478	631	14.92	\$434.24
Intel Core i5-2500S @ 2.70GHz	5355	761	71.42	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4639	889	NA	NA
Intel Core i5-2510E @ 2.50GHz	3483	1145	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1192	NA	NA
Intel Core i5-2520M @ 2.50GHz	3593	1114	21.19	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2094	1622	NA	NA
Intel Core i5-2540M @ 2.60GHz	3784	1067	65.23	\$58.02
Intel Core i5-2550K @ 3.40GHz	6668	616	51.30	\$129.99*
Intel Core i5-2557M @ 1.70GHz	2693	1395	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1079	NA	NA
Intel Core i5-3210M @ 2.50GHz	3827	1057	51.70	\$74.02
Intel Core i5-3230M @ 2.60GHz	3939	1036	17.37	\$226.77
Intel Core i5-3317U @ 1.70GHz	3090	1259	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4125	997	39.63	\$104.10*
Intel Core i5-3330 @ 3.00GHz	5944	684	20.95	\$283.67*
Intel Core i5-3330S @ 2.70GHz	5681	714	59.81	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	702	NA	NA
Intel Core i5-3337U @ 1.80GHz	3227	1211	14.34	\$225.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3339Y @ 1.50GHz	2215	1575	NA	NA
Intel Core i5-3340 @ 3.10GHz	6088	674	20.78	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4244	972	53.10	\$79.95
Intel Core i5-3340S @ 2.80GHz	5846	697	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6148	665	40.99	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4436	936	47.81	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4437	935	NA	NA
Intel Core i5-3427U @ 1.80GHz	3549	1127	8.45	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3635	1105	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1316	NA	NA
Intel Core i5-3450 @ 3.10GHz	6538	626	25.78	\$253.59
Intel Core i5-3450S @ 2.80GHz	6223	655	41.49	\$150.00
Intel Core i5-3470 @ 3.20GHz	6714	612	43.61	\$153.99
Intel Core i5-3470S @ 2.90GHz	6370	645	43.94	\$144.99
Intel Core i5-3470T @ 2.90GHz	4475	928	14.49	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6609	622	46.06	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6958	584	46.39	\$149.99*
Intel Core i5-3550S @ 3.00GHz	6905	592	20.93	\$329.95
Intel Core i5-3570 @ 3.40GHz	7129	570	75.05	\$94.99
Intel Core i5-3570K @ 3.40GHz	7175	566	17.94	\$399.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3570S @ 3.10GHz	6746	608	23.67	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5901	689	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3898	1041	NA	NA
Intel Core i5-4200H @ 2.80GHz	4446	931	NA	NA
Intel Core i5-4200M @ 2.50GHz	4035	1010	49.74	\$81.12
Intel Core i5-4200U @ 1.60GHz	3293	1196	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1495	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2265	1554	NA	NA
Intel Core i5-4210H @ 2.90GHz	4530	919	NA	NA
Intel Core i5-4210M @ 2.60GHz	4196	981	13.54	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3404	1162	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2378	1506	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1531	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1330	NA	NA
Intel Core i5-4250U @ 1.30GHz	3452	1153	9.62	\$359.00*
Intel Core i5-4258U @ 2.40GHz	4082	1003	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1121	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	949	NA	NA
Intel Core i5-4288U @ 2.60GHz	4301	965	NA	NA
Intel Core i5-4300M @ 2.60GHz	4430	938	NA	NA
Intel Core i5-4300U @ 1.90GHz	3742	1082	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2499	1463	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1300	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	978	NA	NA
Intel Core i5-4310M @ 2.70GHz	4637	890	NA	NA
Intel Core i5-4310U @ 2.00GHz	3754	1078	NA	NA
Intel Core i5-4330M @ 2.80GHz	4547	914	16.54	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4853	855	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1109	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4400E @ 2.70GHz	4548	913	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1033	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1360	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6336	649	39.60	\$159.99
Intel Core i5-4430S @ 2.70GHz	5938	686	37.12	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6510	628	13.10	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6240	654	13.48	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6716	611	35.35	\$189.99
Intel Core i5-4460S @ 2.90GHz	6414	638	9.72	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4962	834	NA	NA
Intel Core i5-4570 @ 3.20GHz	7147	567	51.06	\$139.99
Intel Core i5-4570R @ 2.70GHz	6756	606	NA	NA
Intel Core i5-4570S @ 2.90GHz	6818	598	33.26	\$205.04
Intel Core i5-4570T @ 2.90GHz	4811	860	22.92	\$209.95
Intel Core i5-4570TE @ 2.70GHz	3827	1056	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7330	553	49.20	\$149.00
Intel Core i5-4590S @ 3.00GHz	7061	576	30.44	\$232.00
Intel Core i5-4590T @ 2.00GHz	5621	722	26.77	\$209.95
Intel Core i5-4670 @ 3.40GHz	7457	534	19.63	\$379.95
Intel Core i5-4670K @ 3.40GHz	7633	521	22.20	\$343.81

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4670K CPT @ 3.40GHz	7411	542	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	540	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7353	548	34.52	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6168	663	23.81	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7678	516	27.52	\$279.00
Intel Core i5-4690K @ 3.50GHz	7796	504	31.19	\$250.00
Intel Core i5-4690S @ 3.20GHz	7421	539	26.03	\$285.17
Intel Core i5-4690T @ 2.50GHz	6478	630	NA	NA
Intel Core i5-5200U @ 2.20GHz	3486	1144	NA	NA
Intel Core i5-5250U @ 1.60GHz	3583	1116	8.11	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4409	942	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	880	NA	NA
Intel Core i5-5300U @ 2.30GHz	3817	1059	7.40	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3512	1135	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	531	NA	NA
Intel Core i5-5675C @ 3.10GHz	8191	463	26.43	\$309.95
Intel Core i5-5675R @ 3.10GHz	8054	478	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4147	991	NA	NA
Intel Core i5-6200U @ 2.30GHz	4020	1012	NA	NA
Intel Core i5-6260U @ 1.80GHz	4361	950	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4962	835	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	873	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6087	675	NA	NA
Intel Core i5-6300U @ 2.40GHz	4373	947	NA	NA
Intel Core i5-6360U @ 2.00GHz	4880	847	NA	NA
Intel Core i5-6400 @ 2.70GHz	6765	604	35.80	\$189.00*
Intel Core i5-6400T @ 2.20GHz	5616	723	21.60	\$259.95*
Intel Core i5-6402P @ 2.80GHz	7119	572	37.47	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	656	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6440HQ @ 2.60GHz	6798	599	NA	NA
Intel Core i5-6500 @ 3.20GHz	7249	559	36.43	\$199.00
Intel Core i5-6500T @ 2.50GHz	6288	651	41.93	\$149.99
Intel Core i5-6500TE @ 2.30GHz	6579	624	31.33	\$209.99
Intel Core i5-6600 @ 3.30GHz	7772	507	29.90	\$259.94*
Intel Core i5-6600K @ 3.50GHz	8063	476	30.47	\$264.65
Intel Core i5-6600T @ 2.70GHz	7342	550	24.48	\$299.95
Intel Core i5-7200U @ 2.50GHz	4608	900	NA	NA
Intel Core i5-7260U @ 2.20GHz	5672	717	7.28	\$779.00
Intel Core i5-7267U @ 3.10GHz	4976	831	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	721	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6784	601	NA	NA
Intel Core i5-7300U @ 2.60GHz	5190	787	8.51	\$609.95
Intel Core i5-7360U @ 2.30GHz	5845	698	NA	NA
Intel Core i5-7400 @ 3.00GHz	7332	552	33.54	\$218.63
Intel Core i5-7400T @ 2.40GHz	6403	640	19.52	\$327.99*
Intel Core i5-7440HQ @ 2.80GHz	7659	519	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	6262	653	25.05	\$250.00*
Intel Core i5-7500 @ 3.40GHz	8020	484	37.05	\$216.45
Intel Core i5-7500T @ 2.70GHz	7016	579	29.66	\$236.59

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7600 @ 3.50GHz	8726	420	35.77	\$243.99
Intel Core i5-7600K @ 3.80GHz	9116	382	29.47	\$309.30
Intel Core i5-7600T @ 2.80GHz	8077	473	30.92	\$261.25
Intel Core i5-7640X @ 4.00GHz	9545	343	37.30	\$255.90
Intel Core i5-8200Y @ 1.30GHz	4206	980	14.46	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4141	994	NA	NA
Intel Core i5-8250U @ 1.60GHz	7677	517	NA	NA
Intel Core i5-8259U @ 2.30GHz	11011	246	11.48	\$959.00
Intel Core i5-8265U @ 1.60GHz	8076	474	27.19	\$297.00*
Intel Core i5-8300H @ 2.30GHz	9484	348	37.94	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8946	404	NA	NA
Intel Core i5-8350U @ 1.70GHz	8224	458	27.69	\$297.00*
Intel Core i5-8365U @ 1.60GHz	8053	479	27.12	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11642	228	48.34	\$240.82
Intel Core i5-8400H @ 2.50GHz	10138	288	40.55	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9553	342	43.62	\$219.00*
Intel Core i5-8500 @ 3.00GHz	11917	222	57.02	\$209.00
Intel Core i5-8500B @ 3.00GHz	12627	202	65.77	\$192.00*
Intel Core i5-8500T @ 2.10GHz	10027	299	21.99	\$455.99*
Intel Core i5-8600 @ 3.10GHz	12639	201	45.60	\$277.21
Intel Core i5-8600K @ 3.60GHz	12771	195	41.80	\$305.50
Intel Core i5-8600T @ 2.30GHz	10875	253	31.06	\$350.12*
Intel Core i5-9300H @ 2.40GHz	9735	329	38.94	\$250.00*
Intel Core i5-9400 @ 2.90GHz	12084	218	61.97	\$194.99
Intel Core i5-9400F @ 2.90GHz	12159	216	81.07	\$149.99
Intel Core i5-9500 @ 3.00GHz	12673	200	62.74	\$202.00*
Intel Core i5-9500T @ 2.20GHz	11211	236	58.39	\$192.00*
Intel Core i5-9600K @ 3.70GHz	13499	182	51.93	\$259.99
Intel Core i5-9600KF @ 3.70GHz	13921	162	53.55	\$259.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-24050S @ 2.50GHz	4928	840	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3756	1077	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1675	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1443	NA	NA
Intel Core i7-620LM @ 2.00GHz	1949	1684	NA	NA
Intel Core i7-620M @ 2.67GHz	2723	1388	24.76	\$110.01
Intel Core i7-620UM @ 1.07GHz	1323	1996	NA	NA
Intel Core i7-640LM @ 2.13GHz	2254	1559	NA	NA
Intel Core i7-640M @ 2.80GHz	2829	1349	14.15	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1651	1843	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1782	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1803	NA	NA
Intel Core i7-720QM @ 1.60GHz	3010	1287	8.23	\$365.95
Intel Core i7-740QM @ 1.73GHz	3192	1224	19.96	\$159.95
Intel Core i7-820QM @ 1.73GHz	3225	1212	13.44	\$239.95
Intel Core i7-840QM @ 1.87GHz	3410	1161	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	5000	826	33.34	\$149.99
Intel Core i7-860S @ 2.53GHz	4711	877	23.56	\$199.99*
Intel Core i7-870 @ 2.93GHz	5324	768	17.18	\$309.95
Intel Core i7-870S @ 2.67GHz	4849	857	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	5419	751	13.29	\$407.78
Intel Core i7-880 @ 3.07GHz	5522	736	9.47	\$583.00*
Intel Core i7-920 @ 2.67GHz	4917	843	140.49	\$35.00
Intel Core i7-920XM @ 2.00GHz	3728	1085	11.07	\$336.77
Intel Core i7-930 @ 2.80GHz	5135	793	39.51	\$129.99
Intel Core i7-940 @ 2.93GHz	5343	765	51.39	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3966	1029	NA	NA
Intel Core i7-950 @ 3.07GHz	5543	732	15.62	\$354.98
Intel Core i7-960 @ 3.20GHz	5803	701	21.18	\$273.98
Intel Core i7-965 @ 3.20GHz	5856	694	41.83	\$139.99*
Intel Core i7-970 @ 3.20GHz	8351	452	16.71	\$499.95
Intel Core i7-975 @ 3.33GHz	6122	669	13.31	\$460.00*
Intel Core i7-980 @ 3.33GHz	8643	430	43.22	\$199.98*
Intel Core i7-980X @ 3.33GHz	8745	418	5.80	\$1,508.95
Intel Core i7-985 @ 3.47GHz	6641	619	NA	NA
Intel Core i7-990X @ 3.47GHz	9061	387	25.89	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	320	NA	NA
Intel Core i7-2600 @ 3.40GHz	8187	464	46.00	\$178.00
Intel Core i7-2600K @ 3.40GHz	8424	445	47.06	\$179.00
Intel Core i7-2600S @ 2.80GHz	7089	573	53.29	\$133.04
Intel Core i7-2610UE @ 1.50GHz	2481	1471	NA	NA
Intel Core i7-2617M @ 1.50GHz	2824	1352	NA	NA
Intel Core i7-2620M @ 2.70GHz	3838	1051	22.61	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5524	735	24.02	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1429	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5456	746	NA	NA
Intel Core i7-2637M @ 1.70GHz	2905	1328	NA	NA
Intel Core i7-2640M @ 2.80GHz	3920	1040	26.00	\$150.78
Intel Core i7-2655LE @ 2.20GHz	3196	1222	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2670QM @ 2.20GHz	5881	693	42.31	\$139.00
Intel Core i7-2675QM @ 2.20GHz	5531	734	NA	NA
Intel Core i7-2677M @ 1.80GHz	2824	1351	NA	NA
Intel Core i7-2700K @ 3.50GHz	8686	424	26.65	\$325.90
Intel Core i7-2710QE @ 2.10GHz	5768	705	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	759	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6117	671	19.80	\$309.00*
Intel Core i7-2760QM @ 2.40GHz	6569	625	41.11	\$159.81*
Intel Core i7-2820QM @ 2.30GHz	6644	618	26.47	\$251.04
Intel Core i7-2840QM @ 2.40GHz	6766	603	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6959	583	12.86	\$541.00
Intel Core i7-2920XM @ 2.50GHz	7043	578	15.99	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7233	561	17.65	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3583	1117	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3350	1182	NA	NA
Intel Core i7-3520M @ 2.90GHz	4543	915	19.33	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3844	1050	NA	NA
Intel Core i7-3540M @ 3.00GHz	4668	883	10.86	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1028	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	633	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	7459	532	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	613	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6820	597	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	533	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7386	546	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7581	523	31.72	\$239.00
Intel Core i7-3632QM @ 2.20GHz	6935	589	29.13	\$238.05*
Intel Core i7-3635QM @ 2.40GHz	6677	615	NA	NA
Intel Core i7-3667U @ 2.00GHz	3997	1018	NA	NA
Intel Core i7-3687U @ 2.10GHz	4181	986	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1216	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8117	471	22.36	\$363.00
Intel Core i7-3740QM @ 2.70GHz	8321	453	34.68	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9280	366	22.77	\$407.49
Intel Core i7-3770K @ 3.50GHz	9508	345	18.65	\$509.95
Intel Core i7-3770S @ 3.10GHz	8892	407	28.02	\$317.42
Intel Core i7-3770T @ 2.50GHz	8208	461	24.87	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8989	397	47.56	\$189.00*
Intel Core i7-3820QM @ 2.70GHz	8404	446	29.49	\$285.00
Intel Core i7-3840QM @ 2.80GHz	8771	417	30.35	\$289.05
Intel Core i7-3920XM @ 2.90GHz	9169	376	8.37	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11980	220	23.73	\$504.85*
Intel Core i7-3940XM @ 3.00GHz	9276	367	17.21	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12584	203	13.83	\$909.78
Intel Core i7-3970X @ 3.50GHz	12675	199	15.65	\$809.99*
Intel Core i7-4500U @ 1.80GHz	3791	1066	NA	NA
Intel Core i7-4510U @ 2.00GHz	3923	1039	NA	NA
Intel Core i7-4550U @ 1.50GHz	3699	1092	NA	NA
Intel Core i7-4558U @ 2.80GHz	4397	943	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4560U @ 1.60GHz	4329	957	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	868	NA	NA
Intel Core i7-4600M @ 2.90GHz	4898	845	NA	NA
Intel Core i7-4600U @ 2.10GHz	4098	1001	NA	NA
Intel Core i7-4610M @ 3.00GHz	4906	844	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1081	NA	NA
Intel Core i7-4650U @ 1.70GHz	3964	1030	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	565	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7726	509	20.17	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7685	514	40.66	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7419	541	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7129	569	21.15	\$337.04*
Intel Core i7-4710HQ @ 2.50GHz	7723	510	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7985	488	29.40	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7527	527	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7218	563	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7995	487	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8067	475	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8201	462	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8735	419	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	7307	556	18.27	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9780	325	40.91	\$239.08
Intel Core i7-4770HQ @ 2.20GHz	8948	403	NA	NA
Intel Core i7-4770K @ 3.50GHz	10077	297	29.04	\$346.99
Intel Core i7-4770R @ 3.20GHz	9822	317	NA	NA
Intel Core i7-4770S @ 3.10GHz	9347	360	37.39	\$249.99*
Intel Core i7-4770T @ 2.50GHz	8587	435	21.47	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	610	NA	NA
Intel Core i7-4771 @ 3.50GHz	9868	314	16.18	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7629	522	NA	NA
Intel Core i7-4790 @ 3.60GHz	9987	304	46.74	\$213.69
Intel Core i7-4790K @ 4.00GHz	11173	238	36.16	\$309.00
Intel Core i7-4790S @ 3.20GHz	9577	339	22.56	\$424.62
Intel Core i7-4790T @ 2.70GHz	9082	386	25.30	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8454	441	16.58	\$509.95
Intel Core i7-4810MQ @ 2.80GHz	8648	429	20.35	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9712	334	44.15	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9051	389	20.86	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7847	499	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9271	368	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9358	358	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8980	399	15.31	\$586.67
Intel Core i7-4910MQ @ 2.90GHz	9345	361	20.32	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13005	189	25.64	\$507.34
Intel Core i7-4930MX @ 3.00GHz	9455	352	8.63	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9921	308	13.97	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9807	319	15.74	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13794	169	17.91	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10266	280	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5500U @ 2.40GHz	3975	1023	NA	NA
Intel Core i7-5550U @ 2.00GHz	3686	1097	NA	NA
Intel Core i7-5557U @ 3.10GHz	4949	838	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4318	962	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	977	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	465	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	456	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8355	450	NA	NA
Intel Core i7-5775C @ 3.30GHz	10976	248	15.99	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10868	254	NA	NA
Intel Core i7-5820K @ 3.30GHz	12983	190	44.93	\$289.00
Intel Core i7-5850EQ @ 2.70GHz	9817	318	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	351	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13624	175	15.45	\$881.69
Intel Core i7-5950HQ @ 2.90GHz	10925	251	NA	NA
Intel Core i7-5960X @ 3.00GHz	15935	116	15.78	\$1,009.99*
Intel Core i7-6498DU @ 2.50GHz	4538	917	NA	NA
Intel Core i7-6500U @ 2.50GHz	4429	939	NA	NA
Intel Core i7-6560U @ 2.20GHz	4814	859	NA	NA
Intel Core i7-6567U @ 3.30GHz	5604	726	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	4803	865	NA	NA
Intel Core i7-6650U @ 2.20GHz	4968	833	NA	NA
Intel Core i7-6700 @ 3.40GHz	10004	302	34.50	\$289.99
Intel Core i7-6700HQ @ 2.60GHz	8132	468	21.51	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11108	239	27.55	\$403.28
Intel Core i7-6700T @ 2.80GHz	9018	395	30.06	\$300.00*
Intel Core i7-6700TE @ 2.40GHz	8674	428	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9728	332	9.71	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13568	177	31.13	\$435.84
Intel Core i7-6820EQ @ 2.80GHz	8563	436	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9117	381	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8772	416	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	636	NA	NA
Intel Core i7-6850K @ 3.60GHz	14371	149	23.99	\$599.00
Intel Core i7-6900K @ 3.20GHz	17654	82	19.58	\$901.74
Intel Core i7-6920HQ @ 2.90GHz	9557	341	16.83	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19938	51	12.75	\$1,563.55
Intel Core i7-7500U @ 2.70GHz	5154	791	NA	NA
Intel Core i7-7560U @ 2.40GHz	5852	696	NA	NA
Intel Core i7-7567U @ 3.50GHz	6488	629	NA	NA
Intel Core i7-7600U @ 2.80GHz	5097	797	NA	NA
Intel Core i7-7660U @ 2.50GHz	6002	681	NA	NA
Intel Core i7-7700 @ 3.60GHz	10730	256	32.32	\$332.00
Intel Core i7-7700HQ @ 2.80GHz	8805	415	NA	NA
Intel Core i7-7700K @ 4.20GHz	12035	219	33.35	\$360.90
Intel Core i7-7700T @ 2.90GHz	9269	369	26.87	\$344.99
Intel Core i7-7740X @ 4.30GHz	12285	211	35.56	\$345.50
Intel Core i7-7800X @ 3.50GHz	14627	143	31.88	\$458.84
Intel Core i7-7820HK @ 2.90GHz	9991	303	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7820HQ @ 2.90GHz	9244	370	24.46	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18486	73	29.63	\$623.88
Intel Core i7-7900X @ 3.30GHz	20406	47	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9986	305	NA	NA
Intel Core i7-8086K @ 4.00GHz	16681	94	30.17	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	4032	1011	10.26	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8293	454	NA	NA
Intel Core i7-8559U @ 2.70GHz	12366	206	NA	NA
Intel Core i7-8565U @ 1.80GHz	9047	390	NA	NA
Intel Core i7-8650U @ 1.90GHz	8819	414	NA	NA
Intel Core i7-8665U @ 1.90GHz	8641	431	21.13	\$409.00*
Intel Core i7-8700 @ 3.20GHz	15151	131	50.51	\$299.99
Intel Core i7-8700B @ 3.20GHz	14633	142	48.30	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15961	115	44.34	\$359.99
Intel Core i7-8700T @ 2.40GHz	12742	196	36.51	\$349.00
Intel Core i7-8705G @ 3.10GHz	9891	313	7.02	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10483	269	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	326	NA	NA
Intel Core i7-8750H @ 2.20GHz	12476	205	31.59	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11029	244	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8850H @ 2.60GHz	13077	187	33.11	\$395.00*
Intel Core i7-9700K @ 3.60GHz	17190	87	41.93	\$409.99
Intel Core i7-9700KF @ 3.60GHz	17038	89	44.26	\$385.00*
Intel Core i7-9750H @ 2.60GHz	13919	163	NA	NA
Intel Core i7-9800X @ 3.80GHz	19881	53	33.14	\$599.99
Intel Core i9-7900X @ 3.30GHz	21900	32	23.80	\$919.99
Intel Core i9-7920X @ 2.90GHz	23395	23	24.12	\$969.99
Intel Core i9-7940X @ 3.10GHz	25395	15	18.15	\$1,399.00
Intel Core i9-7960X @ 2.80GHz	25974	12	18.55	\$1,399.99
Intel Core i9-7980XE @ 2.60GHz	27854	6	15.43	\$1,804.99
Intel Core i9-8950HK @ 2.90GHz	14357	150	24.63	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21542	38	25.65	\$839.99
Intel Core i9-9900K @ 3.60GHz	20208	50	40.83	\$494.99
Intel Core i9-9900KF @ 3.60GHz	20329	48	36.63	\$554.96
Intel Core i9-9900X @ 3.50GHz	23059	26	23.06	\$999.99
Intel Core i9-9920X @ 3.50GHz	26003	11	21.69	\$1,199.00
Intel Core i9-9940X @ 3.30GHz	27345	8	19.53	\$1,399.99
Intel Core i9-9960X @ 3.10GHz	28735	4	16.90	\$1,699.99
Intel Core i9-9980XE @ 3.00GHz	29304	1	14.65	\$1,999.99
Intel Core m3-6Y30 @ 0.90GHz	3051	1274	10.86	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3554	1124	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1188	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3489	1142	12.42	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3373	1175	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3248	1206	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3469	1150	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2702	1392	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1504	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2815	1354	10.02	\$281.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core M-5Y31 @ 0.90GHz	2832	1347	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2477	1472	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3018	1283	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2973	1299	10.58	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2573	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2566	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2483	NA	NA
Intel Core Solo U1300 @ 1.06GHz	273	2726	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2720	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2641	NA	NA
Intel E3000 @ 3.40GHz	2767	1369	NA	NA
Intel Pentium 4 1.40GHz	164	2827	NA	NA
Intel Pentium 4 1.50GHz	131	2844	NA	NA
Intel Pentium 4 1.60GHz	129	2846	NA	NA
Intel Pentium 4 1.70GHz	132	2843	NA	NA
Intel Pentium 4 1.80GHz	161	2830	NA	NA
Intel Pentium 4 1.90GHz	159	2831	NA	NA
Intel Pentium 4 2.00GHz	189	2809	NA	NA
Intel Pentium 4 2.20GHz	209	2791	NA	NA
Intel Pentium 4 2.26GHz	221	2779	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.40GHz	228	2772	NA	NA
Intel Pentium 4 2.50GHz	245	2757	NA	NA
Intel Pentium 4 2.53GHz	248	2753	NA	NA
Intel Pentium 4 2.60GHz	288	2699	NA	NA
Intel Pentium 4 2.66GHz	254	2745	NA	NA
Intel Pentium 4 2.80GHz	322	2647	NA	NA
Intel Pentium 4 2.93GHz	299	2681	NA	NA
Intel Pentium 4 3.00GHz	353	2619	NA	NA
Intel Pentium 4 3.06GHz	346	2623	NA	NA
Intel Pentium 4 3.20GHz	373	2592	NA	NA
Intel Pentium 4 3.40GHz	395	2568	NA	NA
Intel Pentium 4 3.46GHz	454	2501	NA	NA
Intel Pentium 4 3.60GHz	487	2464	NA	NA
Intel Pentium 4 3.73GHz	486	2465	NA	NA
Intel Pentium 4 3.80GHz	485	2467	NA	NA
Intel Pentium 4 3.83GHz	195	2804	NA	NA
Intel Pentium 4 4.00GHz	184	2814	NA	NA
Intel Pentium 4 1300MHz	119	2850	NA	NA
Intel Pentium 4 1400MHz	127	2847	NA	NA
Intel Pentium 4 1500MHz	125	2848	NA	NA
Intel Pentium 4 1600MHz	193	2808	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2834	NA	NA
Intel Pentium 4 1800MHz	162	2829	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2837	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2803	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2820	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2792	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2823	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2790	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 Mobile 2.00GHz	202	2799	NA	NA
Intel Pentium 5 2.66GHz	705	2344	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2129	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1156	2097	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2102	NA	NA
Intel Pentium 987 @ 1.50GHz	1230	2054	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	1957	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1380	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1284	NA	NA
Intel Pentium 2020M @ 2.40GHz	2273	1549	16.97	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2410	1493	17.99	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1654	1841	12.34	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1820	1754	13.58	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2151	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2270	1553	NA	NA
Intel Pentium 3556U @ 1.70GHz	1696	1814	NA	NA
Intel Pentium 3558U @ 1.70GHz	1681	1821	NA	NA
Intel Pentium 3560M @ 2.40GHz	2270	1552	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2033	NA	NA
Intel Pentium 3805U @ 1.90GHz	1980	1669	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 3825U @ 1.90GHz	2519	1454	NA	NA
Intel Pentium 4405U @ 2.10GHz	2930	1314	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1637	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2047	1641	12.72	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3137	1247	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2226	1572	13.83	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3359	1179	20.87	\$161.00*
Intel Pentium 5405U @ 2.30GHz	3152	1244	19.58	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1866	NA	NA
Intel Pentium B940 @ 2.00GHz	1728	1790	57.73	\$29.94*
Intel Pentium B950 @ 2.10GHz	1718	1796	NA	NA
Intel Pentium B960 @ 2.20GHz	1853	1734	37.83	\$48.99*
Intel Pentium B970 @ 2.30GHz	1958	1679	38.41	\$50.99*
Intel Pentium B980 @ 2.40GHz	2027	1648	28.98	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1062	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	531	2432	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2375	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2404	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2340	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2327	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2298	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2265	5.51	\$157.95*
Intel Pentium E2160 @ 1.80GHz	998	2186	8.50	\$117.50
Intel Pentium E2180 @ 2.00GHz	1088	2133	36.30	\$29.99
Intel Pentium E2200 @ 2.20GHz	1203	2067	16.05	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2083	NA	NA
Intel Pentium E2220 @ 2.40GHz	1329	1993	8.42	\$157.95*
Intel Pentium E5200 @ 2.50GHz	1486	1920	16.53	\$89.95*
Intel Pentium E5300 @ 2.60GHz	1538	1892	66.93	\$22.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E5400 @ 2.70GHz	1600	1870	80.07	\$19.99*
Intel Pentium E5500 @ 2.80GHz	1637	1849	82.09	\$19.95*
Intel Pentium E5700 @ 3.00GHz	1736	1786	115.86	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1892	1715	63.12	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1705	1808	165.54	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1763	1770	11.16	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1863	1731	18.64	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1932	1692	113.76	\$16.99*
Intel Pentium E6800 @ 3.33GHz	1988	1667	22.34	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2251	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2212	NA	NA
Intel Pentium G620 @ 2.60GHz	2293	1536	91.77	\$24.99*
Intel Pentium G620T @ 2.20GHz	2028	1646	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2373	1509	23.73	\$100.00*
Intel Pentium G630T @ 2.30GHz	2089	1624	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2523	1453	16.82	\$150.00
Intel Pentium G640T @ 2.40GHz	1979	1670	NA	NA
Intel Pentium G645 @ 2.90GHz	2590	1427	16.19	\$160.00
Intel Pentium G645T @ 2.50GHz	2293	1537	NA	NA
Intel Pentium G840 @ 2.80GHz	2561	1439	73.21	\$34.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G850 @ 2.90GHz	2666	1403	13.47	\$197.99
Intel Pentium G860 @ 3.00GHz	2742	1381	33.05	\$82.99
Intel Pentium G870 @ 3.10GHz	2814	1356	29.01	\$97.00
Intel Pentium G2010 @ 2.80GHz	2593	1425	74.34	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2756	1378	45.97	\$59.95
Intel Pentium G2020T @ 2.50GHz	2420	1489	50.86	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2868	1339	71.72	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2487	1468	38.86	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1374	NA	NA
Intel Pentium G2120 @ 3.10GHz	3083	1263	19.32	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3205	1219	64.12	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3384	1171	40.30	\$84.00
Intel Pentium G3220 @ 3.00GHz	3126	1249	27.43	\$114.00
Intel Pentium G3220T @ 2.60GHz	2573	1435	36.76	\$69.99*
Intel Pentium G3240 @ 3.10GHz	3157	1242	22.46	\$140.58*
Intel Pentium G3240T @ 2.70GHz	2840	1343	NA	NA
Intel Pentium G3250 @ 3.20GHz	3247	1208	29.52	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2971	1301	33.02	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3872	1044	20.57	\$188.28
Intel Pentium G3260 @ 3.30GHz	3359	1178	24.00	\$139.99
Intel Pentium G3260T @ 2.90GHz	2930	1315	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1501	NA	NA
Intel Pentium G3420 @ 3.20GHz	3397	1165	25.74	\$132.00
Intel Pentium G3420T @ 2.70GHz	3008	1288	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1167	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3314	1189	20.72	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1257	NA	NA
Intel Pentium G3450 @ 3.40GHz	3700	1090	37.01	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1304	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3460 @ 3.50GHz	3582	1118	12.43	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3704	1089	35.53	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3547	1128	39.92	\$88.88
Intel Pentium G4400T @ 2.90GHz	3183	1227	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1337	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3803	1065	27.68	\$137.41
Intel Pentium G4500T @ 3.00GHz	3471	1148	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	984	40.24	\$103.99*
Intel Pentium G4560 @ 3.50GHz	4865	852	48.55	\$100.20
Intel Pentium G4560T @ 2.90GHz	3990	1021	36.28	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5079	803	21.17	\$239.95
Intel Pentium G4600T @ 3.00GHz	4266	968	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5210	781	45.84	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1859	1732	46.49	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1601	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2057	1639	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5194	785	69.27	\$74.99
Intel Pentium Gold G5400T @ 3.10GHz	5048	813	78.89	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5220	780	43.87	\$119.00
Intel Pentium Gold G5500T @ 3.20GHz	4342	955	57.89	\$75.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium Gold G5600 @ 3.90GHz	5667	718	52.11	\$108.75*
Intel Pentium III 933S @ 933MHz	238	2766	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2704	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2719	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2664	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2684	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2680	NA	NA
Intel Pentium III Mobile 750MHz	103	2853	NA	NA
Intel Pentium III Mobile 800MHz	182	2817	NA	NA
Intel Pentium III Mobile 866MHz	152	2835	NA	NA
Intel Pentium III Mobile 933MHz	218	2781	7.55	\$28.99
Intel Pentium III Mobile 1000MHz	245	2756	NA	NA
Intel Pentium III Mobile 1066MHz	246	2755	NA	NA
Intel Pentium III Mobile 1133MHz	251	2749	NA	NA
Intel Pentium III Mobile 1200MHz	240	2763	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1744	NA	NA
Intel Pentium J2900 @ 2.41GHz	1956	1680	NA	NA
Intel Pentium J3710 @ 1.60GHz	1918	1700	NA	NA
Intel Pentium J4205 @ 1.50GHz	2257	1557	NA	NA
Intel Pentium M 1.10GHz	282	2710	NA	NA
Intel Pentium M 1.20GHz	298	2682	NA	NA
Intel Pentium M 1.30GHz	301	2674	NA	NA
Intel Pentium M 1.40GHz	345	2626	NA	NA
Intel Pentium M 1.50GHz	367	2602	NA	NA
Intel Pentium M 1.60GHz	364	2607	NA	NA
Intel Pentium M 1.70GHz	406	2551	NA	NA
Intel Pentium M 1.73GHz	413	2541	NA	NA
Intel Pentium M 1.80GHz	411	2543	NA	NA
Intel Pentium M 1.86GHz	439	2518	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 2.00GHz	461	2493	NA	NA
Intel Pentium M 2.10GHz	448	2506	NA	NA
Intel Pentium M 2.13GHz	504	2453	NA	NA
Intel Pentium M 2.26GHz	509	2449	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2472	NA	NA
Intel Pentium M 900MHz	217	2784	NA	NA
Intel Pentium M 1000MHz	233	2769	NA	NA
Intel Pentium M 1100MHz	259	2741	NA	NA
Intel Pentium M 1200MHz	237	2767	NA	NA
Intel Pentium M 1300MHz	303	2668	NA	NA
Intel Pentium M 1400MHz	320	2649	NA	NA
Intel Pentium M 1500MHz	354	2616	NA	NA
Intel Pentium M 1600MHz	334	2637	NA	NA
Intel Pentium M 1700MHz	376	2588	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1902	NA	NA
Intel Pentium N3520 @ 2.16GHz	1789	1763	NA	NA
Intel Pentium N3530 @ 2.16GHz	1894	1713	NA	NA
Intel Pentium N3540 @ 2.16GHz	1925	1695	7.68	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1831	1749	4.12	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1866	1729	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium N4200 @ 1.10GHz	2027	1647	10.22	\$198.40
Intel Pentium P6000 @ 1.87GHz	1243	2048	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	1995	110.50	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1349	1984	30.03	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1966	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2906	1324	13.22	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2421	1488	15.04	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2552	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2275	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2280	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2363	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2345	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2341	NA	NA
Intel Pentium T2310 @ 1.46GHz	734	2329	NA	NA
Intel Pentium T2330 @ 1.60GHz	830	2286	NA	NA
Intel Pentium T2370 @ 1.73GHz	844	2279	24.14	\$35.00*
Intel Pentium T2390 @ 1.86GHz	946	2227	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2200	NA	NA
Intel Pentium T3200 @ 2.00GHz	1032	2162	86.02	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1113	2115	12.38	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1150	2099	95.90	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1232	2052	NA	NA
Intel Pentium T4400 @ 2.20GHz	1283	2023	NA	NA
Intel Pentium T4500 @ 2.30GHz	1334	1991	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2293	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2221	NA	NA
Intel T1200 @ 1.50GHz	435	2524	NA	NA
Intel T1400 @ 1.73GHz	929	2234	NA	NA
Intel T1500 @ 1.86GHz	953	2220	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel T2050 @ 2.00GHz	959	2215	NA	NA
Intel Xeon 2.00GHz	233	2768	NA	NA
Intel XEON 2.20GHz	252	2747	NA	NA
Intel Xeon 2.40GHz	276	2722	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2523	NA	NA
Intel Xeon 2.80GHz	400	2563	NA	NA
Intel Xeon 3.00GHz	391	2576	NA	NA
Intel Xeon 3.06GHz	491	2459	NA	NA
Intel Xeon 3.20GHz	461	2494	NA	NA
Intel Xeon 3.40GHz	478	2476	NA	NA
Intel Xeon 3.60GHz	509	2448	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2159	NA	NA
Intel Xeon 3.80GHz	604	2392	0.71	\$851.00*
Intel Xeon 1500MHz	193	2807	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	2022	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2005	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1903	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1900	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1765	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1743	5.26	\$349.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3085 @ 3.00GHz	1570	1883	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2142	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	2045	0.77	\$1,619.99
Intel Xeon 5130 @ 2.00GHz	1366	1970	43.44	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1871	NA	NA
Intel Xeon 5140 @ 2.33GHz	1644	1844	35.00	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1877	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1752	1777	12.52	\$139.95
Intel Xeon 5160 @ 3.00GHz	1963	1678	52.38	\$37.49
Intel Xeon @ 2.20GHz	1902	1708	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5664	719	25.17	\$224.99
Intel Xeon Bronze 3106 @ 1.70GHz	6890	593	20.88	\$329.99
Intel Xeon D-1518 @ 2.20GHz	5322	769	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	707	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	581	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	460	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	331	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	508	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	264	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11102	240	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	260	19.24	\$555.00*
Intel Xeon D-1559 @ 1.50GHz	8055	477	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	147	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	160	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	467	38.22	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	192	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	168	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18627	69	10.56	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6089	673	32.05	\$190.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1220 V2 @ 3.10GHz	6701	614	104.72	\$64.00
Intel Xeon E3-1220 v3 @ 3.10GHz	7146	568	33.24	\$214.99
Intel Xeon E3-1220 v5 @ 3.00GHz	7779	506	29.20	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7859	494	36.56	\$214.99
Intel Xeon E3-1220L @ 2.20GHz	3563	1122	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	940	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1617	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5889	691	33.65	\$175.00
Intel Xeon E3-1225 V2 @ 3.20GHz	6922	590	13.67	\$506.59
Intel Xeon E3-1225 v3 @ 3.20GHz	7243	560	24.98	\$289.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7820	501	29.18	\$268.04*
Intel Xeon E3-1225 v6 @ 3.30GHz	8097	472	34.46	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7568	525	13.44	\$563.00
Intel Xeon E3-1230 @ 3.20GHz	7848	498	23.15	\$339.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8859	412	69.76	\$127.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9330	363	49.10	\$190.03
Intel Xeon E3-1230 v5 @ 3.40GHz	9786	323	34.95	\$279.99*
Intel Xeon E3-1230 v6 @ 3.50GHz	9847	316	37.88	\$259.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	562	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9623	338	18.87	\$509.95



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1235 @ 3.20GHz	7680	515	31.48	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	632	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7962	489	32.63	\$244.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9137	378	59.72	\$153.00
Intel Xeon E3-1240 v3 @ 3.40GHz	9656	337	25.12	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10374	274	30.36	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10377	273	36.02	\$288.14
Intel Xeon E3-1240L v3 @ 2.00GHz	7513	528	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	505	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10018	300	24.44	\$409.99
Intel Xeon E3-1245 @ 3.30GHz	7997	486	31.36	\$255.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9126	380	15.21	\$600.00
Intel Xeon E3-1245 v3 @ 3.40GHz	9564	340	30.95	\$309.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10184	286	29.49	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10543	265	34.01	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9856	315	24.10	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6534	627	76.32	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	281	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	6038	679	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7403	543	24.27	\$305.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9199	374	12.96	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	388	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	497	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	422	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	457	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9470	350	25.67	\$369.00
Intel Xeon E3-1270 v3 @ 3.50GHz	9917	309	26.80	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10305	277	7.50	\$1,374.49
Intel Xeon E3-1270 v6 @ 3.80GHz	11184	237	33.03	\$338.61
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	259	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10093	293	11.37	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8215	459	27.03	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9447	355	23.93	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	9915	310	24.73	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10366	276	18.75	\$553.00*
Intel Xeon E3-1275 v6 @ 3.80GHz	11067	242	31.62	\$349.99
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	406	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10205	283	9.51	\$1,073.00
Intel Xeon E3-1280 @ 3.50GHz	8465	440	23.01	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9447	353	11.00	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9775	327	14.02	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	261	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11463	230	26.11	\$438.99
Intel Xeon E3-1281 v3 @ 3.70GHz	10276	279	11.71	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	270	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	267	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	221	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	306	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	249	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	311	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	346	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	421	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	335	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	644	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8933	405	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9783	324	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10093	294	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9340	362	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10580	263	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10443	271	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10625	262	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	255	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	289	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	555	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	537	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5570	728	21.21	\$262.59*
Intel Xeon E5-1603 v3 @ 2.80GHz	6177	661	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6432	634	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5882	692	267.51	\$21.99*
Intel Xeon E5-1607 v2 @ 3.00GHz	6211	658	177.74	\$34.95
Intel Xeon E5-1607 v3 @ 3.10GHz	6961	582	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	558	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9039	391	27.40	\$329.93
Intel Xeon E5-1620 v2 @ 3.70GHz	9482	349	160.75	\$58.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9754	328	12.36	\$789.00
Intel Xeon E5-1620 v4 @ 3.50GHz	9924	307	34.82	\$285.00
Intel Xeon E5-1630 v3 @ 3.70GHz	10214	282	17.09	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10300	278	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1650 @ 3.20GHz	11722	226	23.68	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12713	197	105.99	\$119.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13621	176	20.32	\$670.21
Intel Xeon E5-1650 v4 @ 3.60GHz	14219	154	22.50	\$631.99
Intel Xeon E5-1660 @ 3.30GHz	12361	207	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13830	167	7.65	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14573	144	9.02	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16172	110	13.15	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16222	106	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16431	99	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	88	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	76	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1133	23.65	\$149.00
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1160	18.09	\$189.00
Intel Xeon E5-2407 @ 2.20GHz	4188	983	12.50	\$335.04
Intel Xeon E5-2407 v2 @ 2.40GHz	4498	924	9.44	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	783	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	577	18.06	\$390.02
Intel Xeon E5-2420 v2 @ 2.20GHz	8632	433	51.16	\$168.75
Intel Xeon E5-2430 @ 2.20GHz	6878	595	67.35	\$102.12

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2430 v2 @ 2.50GHz	8991	396	37.55	\$239.45
Intel Xeon E5-2430L @ 2.00GHz	7269	557	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	620	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	375	70.61	\$130.00
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	365	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	401	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	285	27.61	\$369.00
Intel Xeon E5-2450L @ 1.80GHz	8261	455	63.55	\$130.00
Intel Xeon E5-2470 @ 2.30GHz	10061	298	31.77	\$316.72*
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	193	25.22	\$509.00
Intel Xeon E5-2603 @ 1.80GHz	3580	1119	143.52	\$24.95
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1072	127.15	\$29.62*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	790	14.04	\$369.00
Intel Xeon E5-2603 v4 @ 1.70GHz	5451	747	23.70	\$229.99
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	495	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4616	896	105.59	\$43.72
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	792	190.72	\$27.00
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	690	14.79	\$399.00
Intel Xeon E5-2609 v4 @ 1.70GHz	6890	594	21.53	\$319.99
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	215	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	145	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7904	492	78.58	\$100.59
Intel Xeon E5-2620 v2 @ 2.10GHz	8685	425	250.68	\$34.65
Intel Xeon E5-2620 v3 @ 2.40GHz	10011	301	27.13	\$369.00
Intel Xeon E5-2620 v4 @ 2.10GHz	11355	232	28.68	\$395.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	398	22.20	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8444	443	15.38	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	357	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	209	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	186	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	245	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8860	411	246.11	\$36.00
Intel Xeon E5-2630 v2 @ 2.60GHz	10405	272	65.04	\$159.99
Intel Xeon E5-2630 v3 @ 2.40GHz	12805	194	14.64	\$874.57
Intel Xeon E5-2630 v4 @ 2.20GHz	13904	164	21.79	\$637.98
Intel Xeon E5-2630L @ 2.00GHz	7865	493	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	385	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	333	28.62	\$339.95
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	191	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9447	354	15.59	\$605.99
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	291	7.81	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10497	268	9.70	\$1,082.15
Intel Xeon E5-2640 @ 2.50GHz	9356	359	85.34	\$109.64
Intel Xeon E5-2640 v2 @ 2.00GHz	10143	287	27.49	\$369.00
Intel Xeon E5-2640 v3 @ 2.60GHz	13885	165	44.51	\$311.99
Intel Xeon E5-2640 v4 @ 2.40GHz	15380	128	15.71	\$978.99
Intel Xeon E5-2643 @ 3.30GHz	8436	444	53.38	\$158.05
Intel Xeon E5-2643 v2 @ 3.50GHz	13030	188	118.46	\$110.00
Intel Xeon E5-2643 v3 @ 3.40GHz	13844	166	17.20	\$804.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2643 v4 @ 3.40GHz	13655	172	8.22	\$1,660.61
Intel Xeon E5-2648L @ 1.80GHz	7426	538	NA	NA
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	231	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	173	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	140	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10110	292	53.50	\$189.00
Intel Xeon E5-2650 v2 @ 2.60GHz	13183	185	169.26	\$77.89
Intel Xeon E5-2650 v3 @ 2.30GHz	14844	138	21.24	\$699.00
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	122	13.22	\$1,199.99
Intel Xeon E5-2650L @ 1.80GHz	8676	426	109.83	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9732	330	63.15	\$154.12
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	181	11.37	\$1,188.14
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	158	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	233	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	347	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	157	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	105	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	92	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11060	243	109.70	\$100.83
Intel Xeon E5-2660 v2 @ 2.20GHz	13266	183	70.19	\$189.00
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	108	31.80	\$509.00
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	91	11.25	\$1,499.99
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	161	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11545	229	103.93	\$111.09
Intel Xeon E5-2667 @ 2.90GHz	10372	275	162.37	\$63.88
Intel Xeon E5-2667 v2 @ 3.30GHz	16186	107	80.94	\$199.99
Intel Xeon E5-2667 v3 @ 3.20GHz	16175	109	6.11	\$2,649.00
Intel Xeon E5-2667 v4 @ 3.20GHz	16684	93	8.30	\$2,009.00
Intel Xeon E5-2670 @ 2.60GHz	12113	217	67.65	\$179.07
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2670 v2 @ 2.50GHz	14995	135	81.06	\$184.99
Intel Xeon E5-2670 v3 @ 2.30GHz	16494	96	26.62	\$619.58
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	103	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16339	101	23.34	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	40	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15073	132	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	81	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17296	84	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	16	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12555	204	74.47	\$168.61
Intel Xeon E5-2680 v2 @ 2.80GHz	15891	121	69.10	\$229.99
Intel Xeon E5-2680 v3 @ 2.50GHz	18561	72	36.47	\$509.00
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	52	13.18	\$1,509.00
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	46	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17379	83	9.55	\$1,819.00
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	67	9.02	\$2,111.02
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	134	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	64	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	55	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14347	151	5.44	\$2,636.50

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2687W v2 @ 3.40GHz	16477	97	7.83	\$2,104.90
Intel Xeon E5-2687W v3 @ 3.10GHz	17752	80	6.37	\$2,789.00
Intel Xeon E5-2687W v4 @ 3.00GHz	19855	54	9.13	\$2,174.99
Intel Xeon E5-2689 @ 2.60GHz	13526	180	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	56	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13541	178	36.70	\$369.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16433	98	40.18	\$409.00
Intel Xeon E5-2690 v3 @ 2.60GHz	19214	66	19.37	\$991.84
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	42	9.83	\$2,169.99
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	112	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15993	113	39.10	\$409.00
Intel Xeon E5-2695 v3 @ 2.30GHz	19673	59	9.79	\$2,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	49	7.70	\$2,629.42*
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	95	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	27	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	43	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17217	86	8.72	\$1,974.91
Intel Xeon E5-2697 v3 @ 2.60GHz	21397	41	31.94	\$669.99
Intel Xeon E5-2697 v4 @ 2.30GHz	21506	39	7.75	\$2,775.99
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	28	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21081	44	6.16	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	34	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	29	8.92	\$2,509.00
Intel Xeon E5-2699 v4 @ 2.20GHz	23200	25	5.19	\$4,470.51
Intel Xeon E5-4603 @ 2.00GHz	5014	824	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	371	NA	NA
Intel Xeon E5-4617 @ 2.90GHz	9029	393	100.44	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	469	60.56	\$134.21*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	146	6.04	\$2,400.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	124	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	266	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	198	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	241	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11860	223	124.21	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	224	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	210	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	120	11.36	\$1,399.00
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	123	3.30	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	174	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1253	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2157	1594	93.86	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1485	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1565	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1954	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1486	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1555	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1539	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1458	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2920	1318	73.02	\$39.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5405 @ 2.00GHz	2836	1346	48.08	\$59.00*
Intel Xeon E5410 @ 2.33GHz	3261	1200	15.61	\$208.95
Intel Xeon E5420 @ 2.50GHz	3492	1140	13.44	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3764	1073	54.56	\$69.00*
Intel Xeon E5440 @ 2.83GHz	3968	1027	209.44	\$18.95*
Intel Xeon E5450 @ 3.00GHz	4189	982	104.77	\$39.99
Intel Xeon E5462 @ 2.80GHz	3871	1045	141.82	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4090	1002	136.16	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	1967	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1956	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2686	1398	38.41	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2975	1298	47.23	\$63.01
Intel Xeon E5507 @ 2.27GHz	3125	1250	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4435	937	109.95	\$40.34
Intel Xeon E5530 @ 2.40GHz	4564	906	217.44	\$20.99*
Intel Xeon E5540 @ 2.53GHz	4807	861	81.49	\$59.00
Intel Xeon E5603 @ 1.60GHz	2366	1512	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1273	13.95	\$219.00
Intel Xeon E5607 @ 2.27GHz	3380	1173	15.44	\$219.00*
Intel Xeon E5620 @ 2.40GHz	4802	866	357.88	\$13.42
Intel Xeon E5630 @ 2.53GHz	5083	799	25.43	\$199.95
Intel Xeon E5640 @ 2.67GHz	5256	775	88.36	\$59.49*
Intel Xeon E5645 @ 2.40GHz	6424	637	59.50	\$107.98
Intel Xeon E5649 @ 2.53GHz	6936	588	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1490	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	500	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9544	344	43.39	\$219.99
Intel Xeon E-2124G @ 3.40GHz	9788	322	40.79	\$239.99
Intel Xeon E-2126G @ 3.30GHz	14051	159	46.84	\$299.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2134 @ 3.50GHz	11226	234	40.20	\$279.28
Intel Xeon E-2136 @ 3.30GHz	15908	118	49.03	\$324.47
Intel Xeon E-2144G @ 3.60GHz	11214	235	34.85	\$321.78*
Intel Xeon E-2146G @ 3.50GHz	15935	117	44.89	\$354.99*
Intel Xeon E-2174G @ 3.80GHz	12245	213	33.09	\$370.08
Intel Xeon E-2176G @ 3.70GHz	15489	125	36.88	\$419.99
Intel Xeon E-2176M @ 2.70GHz	13705	171	30.46	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	15992	114	30.46	\$524.99
Intel Xeon E-2186M @ 2.90GHz	14706	139	23.61	\$623.00*
Intel Xeon Gold 5118 @ 2.30GHz	16389	100	12.89	\$1,271.97
Intel Xeon Gold 5120 @ 2.20GHz	16308	104	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	77	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10978	247	8.64	\$1,269.99
Intel Xeon Gold 6126 @ 2.60GHz	19711	57	11.15	\$1,767.42
Intel Xeon Gold 6128 @ 3.40GHz	14941	136	8.13	\$1,837.99*
Intel Xeon Gold 6130 @ 2.10GHz	19277	63	9.89	\$1,949.99
Intel Xeon Gold 6132 @ 2.60GHz	23907	21	10.84	\$2,205.00
Intel Xeon Gold 6134 @ 3.20GHz	18083	78	7.94	\$2,279.00
Intel Xeon Gold 6136 @ 3.00GHz	21061	45	7.86	\$2,681.34
Intel Xeon Gold 6138 @ 2.00GHz	25416	14	9.48	\$2,679.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 6140 @ 2.30GHz	23964	20	9.82	\$2,439.99
Intel Xeon Gold 6144 @ 3.50GHz	19654	60	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	17	6.31	\$3,982.51
Intel Xeon Gold 6148 @ 2.40GHz	26660	9	8.25	\$3,230.50
Intel Xeon Gold 6152 @ 2.10GHz	23498	22	6.18	\$3,799.99
Intel Xeon Gold 6154 @ 3.00GHz	27722	7	7.37	\$3,759.89*
Intel Xeon L3110 @ 3.00GHz	2273	1550	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1074	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1988	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	1052	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1752	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1551	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1546	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1600	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1377	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3037	1281	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1176	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3505	1139	127.48	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3723	1086	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1087	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	946	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	951	225.95	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4369	948	67.22	\$65.00*
Intel Xeon L5638 @ 2.00GHz	5556	730	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	596	NA	NA
Intel Xeon L5640 @ 2.27GHz	6278	652	209.50	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1053	NA	NA
Intel Xeon MV 3.20GHz	683	2355	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26652	10	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Platinum 8151 @ 3.40GHz	6947	587	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	2	4.95	\$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	10722	257	23.83	\$449.99
Intel Xeon Silver 4109T @ 2.00GHz	10946	250	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11670	227	24.06	\$485.00
Intel Xeon Silver 4112 @ 2.60GHz	8611	434	16.72	\$514.99
Intel Xeon Silver 4114 @ 2.20GHz	14298	152	18.60	\$768.67
Intel Xeon Silver 4116 @ 2.10GHz	15417	126	14.85	\$1,038.04
Intel Xeon Silver 4123 @ 3.00GHz	15185	130	NA	NA
Intel Xeon W3503 @ 2.40GHz	1755	1775	108.25	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1844	1738	74.18	\$24.86
Intel Xeon W3520 @ 2.67GHz	5057	810	105.36	\$48.00
Intel Xeon W3530 @ 2.80GHz	5346	764	18.19	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	740	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5694	713	94.99	\$59.95*
Intel Xeon W3565 @ 3.20GHz	5939	685	84.91	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6062	677	12.63	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6366	646	29.68	\$214.50*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W3670 @ 3.20GHz	8121	470	16.24	\$499.99*
Intel Xeon W3680 @ 3.33GHz	9026	394	11.88	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9135	379	46.85	\$195.01*
Intel Xeon W5580 @ 3.20GHz	5836	700	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	659	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	6954	585	29.49	\$235.83*
Intel Xeon W-2104 @ 3.20GHz	7439	536	29.17	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10707	258	31.46	\$340.35
Intel Xeon W-2125 @ 4.00GHz	12350	208	24.55	\$503.10*
Intel Xeon W-2133 @ 3.60GHz	14168	156	22.96	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16322	102	18.01	\$906.28
Intel Xeon W-2140B @ 3.20GHz	18610	70	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19698	58	16.25	\$1,212.34
Intel Xeon W-2150B @ 3.00GHz	21543	37	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21773	36	14.23	\$1,530.39*
Intel Xeon W-2175 @ 2.50GHz	24751	19	12.71	\$1,947.00*
Intel Xeon W-2195 @ 2.30GHz	25102	18	9.04	\$2,777.20
Intel Xeon X3210 @ 2.13GHz	2739	1383	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3090	1260	49.32	\$62.66
Intel Xeon X3230 @ 2.66GHz	3398	1164	9.44	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3309	1193	14.42	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3167	1235	163.59	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3379	1174	16.09	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1058	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1049	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3942	1035	24.96	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3988	1022	117.00	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	966	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	885	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	3351	1181	202.73	\$16.53
Intel Xeon X3440 @ 2.53GHz	4531	918	31.92	\$141.96
Intel Xeon X3450 @ 2.67GHz	4762	871	59.57	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5014	823	14.05	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5114	795	46.83	\$109.23
Intel Xeon X3480 @ 3.07GHz	5657	720	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1475	45.47	\$54.00
Intel Xeon X5270 @ 3.50GHz	2553	1442	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1500	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3181	1228	77.61	\$41.00*
Intel Xeon X5365 @ 3.00GHz	3491	1141	35.09	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4115	1000	82.32	\$49.99*
Intel Xeon X5460 @ 3.16GHz	4328	958	94.12	\$45.99*
Intel Xeon X5470 @ 3.33GHz	4585	905	24.26	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4014	1013	17.84	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4529	920	45.30	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	850	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5353	762	17.56	\$304.85
Intel Xeon X5560 @ 2.80GHz	5399	755	136.00	\$39.70
Intel Xeon X5570 @ 2.93GHz	5679	715	63.81	\$89.00*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5647 @ 2.93GHz	5920	688	29.64	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7376	547	106.32	\$69.38
Intel Xeon X5660 @ 2.80GHz	7581	524	72.15	\$105.07
Intel Xeon X5667 @ 3.07GHz	6291	650	79.63	\$79.00*
Intel Xeon X5670 @ 2.93GHz	7856	496	91.37	\$85.99
Intel Xeon X5672 @ 3.20GHz	6397	641	1.49	\$4,280.00
Intel Xeon X5675 @ 3.07GHz	8156	466	233.05	\$35.00
Intel Xeon X5677 @ 3.47GHz	6951	586	182.55	\$38.08*
Intel Xeon X5679 @ 3.20GHz	8845	413	NA	NA
Intel Xeon X5680 @ 3.33GHz	8400	447	63.16	\$132.99
Intel Xeon X5687 @ 3.60GHz	7076	574	141.67	\$49.95
Intel Xeon X5690 @ 3.47GHz	8883	409	48.28	\$184.00
Intel Xeon X5698 @ 4.40GHz	4272	967	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1297	NA	NA
Mobile AMD Athlon 4	314	2658	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2613	NA	NA
Mobile AMD Athlon 64 2700+	398	2564	NA	NA
Mobile AMD Athlon 64 2800+	440	2515	NA	NA
Mobile AMD Athlon 64 3000+	450	2503	NA	NA
Mobile AMD Athlon 64 3200+	448	2507	NA	NA
Mobile AMD Athlon 64 3400+	511	2446	NA	NA
Mobile AMD Athlon 64 3700+	435	2525	NA	NA
Mobile AMD Athlon 64 4000+	576	2408	NA	NA
Mobile AMD Athlon 1400+	266	2733	NA	NA
Mobile AMD Athlon 2500+	370	2597	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2734	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2586	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2688	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2457	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	2412	45.81	\$12.49
Mobile AMD Athlon XP-M	512	2445	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2815	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2737	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2739	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2645	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2683	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2630	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2676	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2606	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2625	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2622	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2596	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2605	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2604	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2516	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2463	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2450	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2695	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2686	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M (LV) 2000+	335	2636	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2594	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2479	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2452	NA	NA
Mobile AMD Sempron 2100+	252	2748	NA	NA
Mobile AMD Sempron 2600+	394	2571	NA	NA
Mobile AMD Sempron 2800+	361	2610	NA	NA
Mobile AMD Sempron 3000+	389	2580	NA	NA
Mobile AMD Sempron 3100+	416	2538	NA	NA
Mobile AMD Sempron 3200+	354	2617	NA	NA
Mobile AMD Sempron 3300+	445	2509	NA	NA
Mobile AMD Sempron 3400+	441	2514	NA	NA
Mobile AMD Sempron 3500+	408	2548	NA	NA
Mobile AMD Sempron 3600+	427	2533	NA	NA
Mobile AMD Sempron 3800+	485	2468	NA	NA
Mobile Intel Celeron 1.20GHz	170	2826	NA	NA
Mobile Intel Celeron 1.50GHz	188	2810	NA	NA
Mobile Intel Celeron 1.60GHz	188	2811	NA	NA
Mobile Intel Celeron 1.70GHz	181	2819	NA	NA
Mobile Intel Celeron 1.80GHz	186	2813	NA	NA
Mobile Intel Celeron 2.00GHz	204	2795	NA	NA
Mobile Intel Celeron 2.20GHz	226	2775	NA	NA
Mobile Intel Celeron 2.40GHz	239	2764	NA	NA
Mobile Intel Celeron 2.50GHz	281	2713	NA	NA
Mobile Intel Celeron 1200MHz	294	2689	NA	NA
Mobile Intel Celeron 1333MHz	280	2716	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2721	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2736	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2718	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	2656	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2633	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2614	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2517	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2477	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2805	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2825	0.83	\$209.99
Mobile Intel Pentium 4 - M 1.80GHz	175	2822	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2770	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2800	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2802	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2786	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2743	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2660	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2789	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2801	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2752	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2693	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2776	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2694	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Pentium Dual-Core E6000 @ 3.46GHz	2501	1462	NA	NA
Quad-Core AMD Opteron 1385	3442	1157	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3446	1154	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1317	NA	NA
VIA C3 Ezra	100	2854	NA	NA
VIA C7 1500MHz	284	2705	NA	NA
VIA C7-D 1500MHz	287	2701	NA	NA
VIA C7-D 1800MHz	203	2797	NA	NA
VIA C7-D 2000MHz	368	2600	NA	NA
VIA C7-M 1000MHz	164	2828	NA	NA
VIA C7-M 1200MHz	140	2841	NA	NA
VIA C7-M 1600MHz	178	2821	NA	NA
VIA C7-M 6300MHz	222	2778	NA	NA
VIA Eden 800MHz	155	2832	NA	NA
VIA Eden 1000MHz	123	2849	NA	NA
VIA Eden 1200MHz	142	2840	NA	NA
VIA Eden C1050@1.06GHz	352	2620	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2475	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	2103	NA	NA
VIA Esther 1000MHz	146	2839	NA	NA
VIA Esther 1300MHz	250	2750	NA	NA
VIA Esther 1500MHz	219	2780	NA	NA
VIA Esther 2000MHz	394	2570	NA	NA
VIA Nano L1900@1400MHz	457	2497	NA	NA
VIA Nano L2007@1600MHz	369	2598	NA	NA
VIA Nano L2100@1800MHz	428	2531	NA	NA
VIA Nano L2207@1600MHz	296	2685	NA	NA
VIA Nano L3025@1600MHz	517	2442	NA	NA
VIA Nano L3050@1800MHz	581	2405	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	2371	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2587	NA	NA
VIA Nano U2250@1300+MHz	274	2725	NA	NA
VIA Nano U2500@1200MHz	306	2667	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2454	NA	NA
VIA Nano U3300@1200MHz	409	2546	NA	NA
VIA Nano U3500@1000MHz	275	2723	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2390	NA	NA
VIA Nehemiah	155	2833	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1711	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1972	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2084	NA	NA
VIA Samuel 2	79	2856	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	296	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	127	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	399	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	405	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	450	NA	NA
[Dual CPU] AMD EPYC 7281	12720	181	8.73	\$1,457.08
[Dual CPU] AMD EPYC 7371	23933	66	NA	NA
[Dual CPU] AMD EPYC 7401	23518	68	5.73	\$4,106.68
[Dual CPU] AMD EPYC 7451	28957	34	5.77	\$5,022.16
[Dual CPU] AMD EPYC 7501	29003	33	3.87	\$7,502.32
[Dual CPU] AMD EPYC 7551	30966	23	4.35	\$7,119.12
[Dual CPU] AMD EPYC 7601	33545	16	3.89	\$8,625.02
[Dual CPU] AMD Opteron 246	1130	439	4.04	\$279.90
[Dual CPU] AMD Opteron 248	1053	440	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	436	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	437	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	445	NA	NA
[Dual CPU] AMD Opteron 256	1853	433	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	431	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	427	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	430	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	422	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	412	NA	NA
[Dual CPU] AMD Opteron 290	2716	414	10.06	\$270.00*
[Dual CPU] AMD Opteron 885	2851	408	NA	NA
[Dual CPU] AMD Opteron 2212	2203	428	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	423	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	420	NA	NA
[Dual CPU] AMD Opteron 2216	2485	419	50.10	\$49.60
[Dual CPU] AMD Opteron 2216 HE	2593	416	NA	NA
[Dual CPU] AMD Opteron 2218	2719	413	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	417	NA	NA
[Dual CPU] AMD Opteron 2220	2854	407	1.88	\$1,517.68
[Dual CPU] AMD Opteron 2220 SE	2882	406	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	403	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	397	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	387	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	394	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	388	7.55	\$539.98*
[Dual CPU] AMD Opteron 2354	4554	376	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	379	42.70	\$104.00
[Dual CPU] AMD Opteron 2360 SE	5315	358	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	385	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	372	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	359	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	357	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	345	63.93	\$90.00
[Dual CPU] AMD Opteron 2384	5914	341	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	331	NA	NA
[Dual CPU] AMD Opteron 2389	5677	346	48.11	\$118.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2419	5191	361	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	333	NA	NA
[Dual CPU] AMD Opteron 2427	5907	342	29.83	\$198.00
[Dual CPU] AMD Opteron 2431	6438	325	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7068	311	18.70	\$378.00
[Dual CPU] AMD Opteron 2439 SE	8071	281	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	389	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	348	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	328	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	326	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7813	290	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	280	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	284	NA	NA
[Dual CPU] AMD Opteron 4234	9361	249	20.35	\$459.98*
[Dual CPU] AMD Opteron 4276 HE	9681	242	NA	NA
[Dual CPU] AMD Opteron 4280	4525	377	45.25	\$100.00
[Dual CPU] AMD Opteron 4284	9151	250	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9456	248	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	221	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	229	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	207	40.57	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	318	22.69	\$298.00
[Dual CPU] AMD Opteron 6128 HE	5582	351	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	265	NA	NA
[Dual CPU] AMD Opteron 6134	7586	298	86.22	\$87.98
[Dual CPU] AMD Opteron 6136	7255	305	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	364	NA	NA
[Dual CPU] AMD Opteron 6168	7741	293	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7621	297	38.49	\$198.00
[Dual CPU] AMD Opteron 6174	8056	283	40.69	\$198.00
[Dual CPU] AMD Opteron 6176 SE	8448	270	26.57	\$318.00
[Dual CPU] AMD Opteron 6180 SE	3114	400	10.05	\$309.98
[Dual CPU] AMD Opteron 6204	7134	308	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8960	256	149.38	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	216	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	232	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	223	14.38	\$719.78
[Dual CPU] AMD Opteron 6272	10008	237	26.90	\$371.98
[Dual CPU] AMD Opteron 6274	10536	219	22.04	\$478.00
[Dual CPU] AMD Opteron 6275	10900	215	NA	NA
[Dual CPU] AMD Opteron 6276	10194	231	27.86	\$365.96
[Dual CPU] AMD Opteron 6284 SE	11985	195	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	271	13.47	\$619.96
[Dual CPU] AMD Opteron 6320	10716	217	19.20	\$558.00
[Dual CPU] AMD Opteron 6328	11842	199	11.61	\$1,019.96
[Dual CPU] AMD Opteron 6344	11203	210	13.83	\$809.96
[Dual CPU] AMD Opteron 6348	11412	204	28.53	\$399.98*
[Dual CPU] AMD Opteron 6376	10405	222	18.00	\$578.00
[Dual CPU] AMD Opteron 6378	9145	251	11.46	\$798.00

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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	164	23.05	\$616.00
[Dual CPU] AMD Opteron 6386 SE	12195	191	40.65	\$299.98*
[Dual CPU] AMD Opteron 8218	2831	409	61.54	\$46.00
[Dual CPU] AMD Opteron 8220	2510	418	50.22	\$49.98
[Dual CPU] AMD Opteron 8222 SE	2793	411	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	398	67.15	\$48.00
[Dual CPU] AMD Opteron 8380	5643	349	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	360	NA	NA
[Dual CPU] AMD Opteron 8389	6517	322	41.25	\$158.00
[Dual CPU] AMD Opteron 8431	5813	343	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	319	46.80	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	295	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	438	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	425	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	393	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	286	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	459	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	457	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	454	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	541	453	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	460	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	461	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	458	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	456	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	451	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	447	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	446	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	449	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	444	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	443	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	442	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	432	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	441	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2152	429	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	424	0.71	\$3,239.98
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	415	41.62	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	401	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2978	404	31.69	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	402	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3426	395	12.24	\$279.90
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3829	391	51.07	\$74.98
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8809	261	19.58	\$449.98
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11024	213	16.70	\$659.98
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	334	20.82	\$298.00
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	330	16.68	\$378.00
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	304	10.90	\$670.08
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	254	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11387	206	14.60	\$780.04

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[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	198	35.29	\$337.50
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	274	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	170	66.77	\$204.24
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	166	28.74	\$478.90
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	205	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	186	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	180	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15063	154	20.41	\$738.00
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	137	20.24	\$818.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	201	45.06	\$260.00
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	136	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	121	18.24	\$1,018.00
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	329	127.05	\$49.90
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	321	110.06	\$59.24*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8347	272	11.31	\$738.00
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8910	260	19.37	\$459.98
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8195	277	93.72	\$87.44
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8987	255	166.43	\$54.00
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	236	12.57	\$798.00
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	214	17.18	\$639.98
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12332	187	61.30	\$201.18
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13363	177	192.83	\$69.30
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15206	152	20.60	\$738.00
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16470	138	20.80	\$791.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14313	163	17.67	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	184	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	158	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13595	175	188.82	\$72.00
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15987	144	49.96	\$319.98
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18485	122	10.57	\$1,749.14
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18725	119	14.68	\$1,275.96
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	211	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	168	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	153	22.33	\$679.90
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	302	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15900	147	13.12	\$1,211.98
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16408	140	6.33	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16704	135	7.72	\$2,164.30
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14657	157	66.84	\$219.28
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14464	160	19.60	\$738.00
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19892	110	31.88	\$623.98
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20786	101	10.62	\$1,957.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13671	169	43.25	\$316.10
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20750	102	94.32	\$220.00
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21016	95	13.05	\$1,609.98
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	88	6.48	\$3,321.22
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	190	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	14156	165	4.79	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	125	5.79	\$3,121.72*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	14948	155	39.54	\$378.00
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	19035	117	122.19	\$155.78
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20262	105	14.49	\$1,398.00
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20576	104	8.57	\$2,399.98
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	161	91.04	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14506	159	47.06	\$308.24
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	96	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13634	171	4.66	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	118	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	113	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16327	141	80.96	\$201.66
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17809	126	47.11	\$378.00
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22577	80	22.18	\$1,018.00
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23225	76	7.74	\$2,999.98
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	77	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17131	131	77.10	\$222.18
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	57	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16940	132	132.59	\$127.76
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22563	81	56.41	\$399.98
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22665	79	4.28	\$5,298.00
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23624	67	5.88	\$4,018.00
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18173	124	50.74	\$358.14
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20858	100	56.38	\$369.98
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	84	18.05	\$1,239.16
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	71	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	75	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	29	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	108	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	89	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	27	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18186	123	53.93	\$337.22
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21484	90	46.71	\$459.98
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24464	62	24.03	\$1,018.00
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	72	7.74	\$3,018.00
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	133	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21159	93	5.82	\$3,638.00
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	56	5.92	\$4,222.04
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	85	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	47	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	36	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20889	97	3.96	\$5,273.00
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23305	74	5.54	\$4,209.80
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24157	64	4.33	\$5,578.00
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	48	6.13	\$4,349.98
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	109	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	51	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19309	115	26.16	\$738.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23495	69	28.72	\$818.00
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25396	53	12.80	\$1,983.68



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27291	46	6.29	\$4,339.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20858	99	25.50	\$818.00
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	58	6.18	\$4,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	61	4.69	\$5,258.84*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23483	70	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	26	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31807	21	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23323	73	5.90	\$3,949.82
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27511	43	20.53	\$1,339.98
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30631	25	5.52	\$5,551.98
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	39	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29093	32	4.25	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	19	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	65	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26333	49	5.25	\$5,018.00
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	14	3.80	\$8,941.02
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	103	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	112	19.15	\$1,017.90
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	148	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	116	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	111	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18712	120	97.98	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	156	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	218	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	82	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	44	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	192	44.98	\$270.00
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	150	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	83	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7-2870 @ 2.40GHz	12016	194	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7-4870 @ 2.40GHz	16047	142	42.45	\$378.00*
[Dual CPU] Intel Xeon E7-8837 @ 2.67GHz	10044	235	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	426	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	390	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3566	392	36.39	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4166	384	53.75	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	367	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4563	375	128.39	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5122	363	64.04	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5152	362	43.66	\$118.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6010	338	14.38	\$417.90
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6350	327	12.21	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6846	317	49.61	\$138.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7139	307	188.36	\$37.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7511	299	93.91	\$79.98
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7103	309	130.09	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7816	289	130.09	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	421	12.93	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	410	4.88	\$574.02*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4878	371	34.87	\$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	4999	366	39.67	\$126.02
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	354	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7418	301	91.94	\$80.68
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	294	183.52	\$41.98*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	287	66.51	\$118.00
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	386	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5507	352	12.57	\$438.00
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5969	340	13.63	\$438.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8060	282	300.30	\$26.84
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8280	275	20.71	\$399.90
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8694	263	73.07	\$118.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10321	226	47.79	\$215.96
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10327	225	44.90	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	353	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	356	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	87	8.41	\$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	63	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	92	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22049	86	8.67	\$2,543.94
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	55	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17576	128	6.92	\$2,539.98
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	45	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27819	41	7.87	\$3,534.84
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22869	78	6.22	\$3,675.98*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	24660	60	6.32	\$3,899.98
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	42	6.24	\$4,410.00
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25308	54	5.55	\$4,558.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29596	30	5.52	\$5,362.68
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	40	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	33989	15	6.34	\$5,359.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	18	6.68	\$4,879.98
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	35	4.70	\$6,139.98
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28594	37	4.89	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29885	28	3.75	\$7,965.02
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36813	7	5.70	\$6,461.00
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	22	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33530	17	4.41	\$7,599.98
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36932	6	4.91	\$7,519.78*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	378	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	382	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	369	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	350	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	335	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	324	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	337	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	368	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	315	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	314	268.73	\$25.84*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	285	206.10	\$38.52*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	313	53.89	\$130.00*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	257	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	244	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9666	243	161.26	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	452	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	455	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	448	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	434	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	8	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	35823	10	2.32	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	31	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	4	3.33	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	11	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	9	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	5	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	145	17.75	\$899.98
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16434	139	16.94	\$970.00
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	174	13.22	\$1,029.98
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19356	114	12.59	\$1,537.34
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21018	94	10.12	\$2,076.08
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	107	19.96	\$1,002.00*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10079	233	47.08	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	224	2.06	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	228	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	373	44.05	\$108.00
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	374	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	370	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5754	344	70.17	\$82.00*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6210	332	31.21	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7447	300	74.48	\$99.98*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7834	288	85.17	\$91.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	279	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	291	17.28	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8193	278	40.97	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8682	264	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8934	259	14.65	\$609.70
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	252	114.41	\$79.40
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9533	247	53.56	\$178.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	239	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11300	209	81.44	\$138.76
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11595	202	55.18	\$210.14
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10279	227	65.06	\$158.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12261	189	71.29	\$171.98
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	234	1.18	\$8,560.00
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12505	183	178.64	\$70.00
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11305	208	148.44	\$76.16*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	173	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13549	176	50.94	\$265.98
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11940	197	119.52	\$99.90
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13758	167	37.39	\$368.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	269	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	320	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	262	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	238	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11794	200	268.05	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	383	46.34	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	365	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	381	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	380	36.47	\$120.00
[Dual CPU] Quad-Core AMD Opteron 8378	5382	355	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	316	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	347	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	339	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	273	NA	NA
[Quad CPU] AMD Opteron 6136	9767	240	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	267	21.70	\$396.00
[Quad CPU] AMD Opteron 6272	12292	188	16.52	\$743.96
[Quad CPU] AMD Opteron 6274	10488	220	10.97	\$956.00
[Quad CPU] AMD Opteron 6276	15342	151	20.96	\$731.92
[Quad CPU] AMD Opteron 6278	12055	193	9.75	\$1,236.00
[Quad CPU] AMD Opteron 6282 SE	11044	212	21.24	\$519.96*
[Quad CPU] AMD Opteron 6376	13257	178	11.47	\$1,156.00
[Quad CPU] AMD Opteron 6378	20859	98	13.07	\$1,596.00
[Quad CPU] AMD Opteron 6380	12442	185	10.10	\$1,232.00
[Quad CPU] AMD Opteron 8360 SE	6490	323	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	336	NA	NA
[Quad CPU] AMD Opteron 8382	8553	268	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	303	NA	NA
[Quad CPU] AMD Opteron 8431	8252	276	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	310	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	258	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	435	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	396	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	134	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	146	29.66	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	172	20.04	\$680.00*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	59	12.12	\$2,035.80
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	91	55.95	\$381.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	50	12.87	\$2,035.80
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	24	2.14	\$14,436.00
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	106	3.36	\$6,008.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	143	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	13	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	38	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	20	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	130	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17287	129	131.00	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14316	162	18.94	\$756.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	182	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	149	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	312	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	292	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	230	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	245	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	253	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	52	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	3	2.68	\$15,199.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	241	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	2	1.10	\$40,060.00*
[Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz	48904	1	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	246	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	11953	196	4.22	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	266	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	203	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	13145	179	149.38	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	306	29.88	\$240.00

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