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CPU Benchmarks

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CPU List

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

Single CPU Systems

 [Find CPU](#)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2513	NA	NA
AMD A4 Micro-6400T APU	1544	1702	NA	NA
AMD A4 PRO-3340B	2402	1324	NA	NA
AMD A4 PRO-7300B APU	2342	1343	NA	NA
AMD A4 PRO-7350B	2794	1196	NA	NA
AMD A4-1200 APU	640	2190	NA	NA
AMD A4-1250 APU	609	2203	NA	NA
AMD A4-3300 APU	1506	1723	115.98	\$12.99
AMD A4-3300M APU	1183	1890	39.47	\$29.99*
AMD A4-3305M APU	1224	1868	40.83	\$30.00*
AMD A4-3310MX APU	1291	1828	NA	NA
AMD A4-3320M APU	1256	1852	40.53	\$31.00*
AMD A4-3330MX APU	1217	1874	NA	NA
AMD A4-3400 APU	1596	1682	27.26	\$58.55
AMD A4-3420 APU	1677	1638	NA	NA
AMD A4-4000 APU	1817	1571	45.66	\$39.80
AMD A4-4020 APU	1918	1517	43.78	\$43.83
AMD A4-4300M APU	1614	1671	40.51	\$39.86
AMD A4-4355M APU	1173	1895	NA	NA
AMD A4-5000 APU	1904	1520	NA	NA
AMD A4-5050 APU	2134	1428	NA	NA
AMD A4-5100 APU	2082	1452	NA	NA
AMD A4-5150M APU	1820	1567	NA	NA
AMD A4-5300 APU	2001	1482	45.51	\$43.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5300B APU	2069	1455	54.46	\$38.00*
AMD A4-6210 APU	2148	1423	NA	NA
AMD A4-6250J APU	2556	1271	NA	NA
AMD A4-6300 APU	2216	1399	49.34	\$44.92
AMD A4-6300B APU	2129	1430	21.30	\$100.00*
AMD A4-6320 APU	2322	1349	22.31	\$104.09*
AMD A4-7210 APU	2491	1294	NA	NA
AMD A4-7300 APU	2288	1365	49.51	\$46.23
AMD A4-9120	1782	1582	NA	NA
AMD A6 Micro-6500T APU	1834	1561	NA	NA
AMD A6 PRO-7050B APU	1582	1688	NA	NA
AMD A6 PRO-7400B	2749	1213	NA	NA
AMD A6-1450 APU	1523	1711	NA	NA
AMD A6-3400M APU	1896	1527	65.39	\$29.00*
AMD A6-3410MX APU	2056	1458	68.59	\$29.99*
AMD A6-3420M APU	2007	1480	NA	NA
AMD A6-3430MX APU	2225	1398	NA	NA
AMD A6-3500 APU	2007	1479	24.41	\$82.25
AMD A6-3600 APU	2707	1224	117.76	\$22.99*
AMD A6-3620 APU	2811	1192	46.87	\$59.99*
AMD A6-3650 APU	3160	1083	21.07	\$149.99*
AMD A6-3670 APU	3200	1065	14.92	\$214.48
AMD A6-4400M APU	1629	1664	40.89	\$39.86*
AMD A6-4455M APU	1284	1834	NA	NA
AMD A6-5200 APU	2418	1317	NA	NA
AMD A6-5345M APU	1476	1735	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5350M APU	1903	1522	44.14	\$43.12*
AMD A6-5357M APU	1938	1508	NA	NA
AMD A6-5400B APU	2177	1413	20.73	\$105.04*
AMD A6-5400K APU	2150	1421	37.73	\$57.00
AMD A6-6310 APU	2434	1312	NA	NA
AMD A6-6400B APU	2281	1373	NA	NA
AMD A6-6400K APU	2297	1362	39.29	\$58.47
AMD A6-6420B APU	2612	1250	NA	NA
AMD A6-6420K APU	2351	1342	33.12	\$71.00*
AMD A6-7000	1671	1642	NA	NA
AMD A6-7310 APU	2683	1232	NA	NA
AMD A6-7400K APU	2791	1197	62.31	\$44.80
AMD A6-7470K	2817	1187	50.55	\$55.75
AMD A6-8500P	2183	1410	NA	NA
AMD A6-8550	3104	1095	NA	NA
AMD A6-9200	2106	1441	NA	NA
AMD A6-9210	1876	1543	NA	NA
AMD A6-9220	2324	1348	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-9220e	1509	1721	NA	NA
AMD A6-9230	2274	1376	NA	NA
AMD A6-9500	2963	1139	50.95	\$58.18
AMD A8 PRO-7150B APU	2691	1228	NA	NA
AMD A8 PRO-7600B APU	4847	709	NA	NA
AMD A8-3500M APU	1974	1492	28.23	\$69.95
AMD A8-3510MX APU	2382	1330	NA	NA
AMD A8-3520M APU	2178	1412	NA	NA
AMD A8-3530MX APU	2382	1328	NA	NA
AMD A8-3550MX APU	2610	1251	NA	NA
AMD A8-3800 APU	3048	1115	17.93	\$169.99*
AMD A8-3820 APU	3146	1087	25.17	\$124.99*
AMD A8-3850 APU	3474	993	17.37	\$199.99
AMD A8-3870K APU	3572	970	17.73	\$201.54*
AMD A8-4500M APU	2663	1235	NA	NA
AMD A8-4555M APU	2122	1435	NA	NA
AMD A8-5500 APU	3992	872	30.95	\$129.00*
AMD A8-5500B APU	3967	878	NA	NA
AMD A8-5545M APU	2583	1261	NA	NA
AMD A8-5550M APU	2999	1128	NA	NA
AMD A8-5557M APU	2958	1142	NA	NA
AMD A8-5600K APU	4340	807	18.93	\$229.30
AMD A8-6410 APU	2563	1270	NA	NA
AMD A8-6500 APU	4386	795	27.25	\$160.99*
AMD A8-6500B APU	4571	764	NA	NA
AMD A8-6500T APU	3221	1059	NA	NA
AMD A8-6600K APU	4578	761	24.22	\$189.04*
AMD A8-7050	1986	1490	NA	NA
AMD A8-7100 APU	2821	1184	NA	NA
AMD A8-7200P	3300	1037	NA	NA
AMD A8-7410 APU	2742	1216	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7600 APU	5109	661	32.55	\$157.00
AMD A8-7650K	4918	700	62.26	\$78.99
AMD A8-7670K	5072	667	30.62	\$165.66
AMD A8-8600P	3248	1052	NA	NA
AMD A8-8650	5470	615	NA	NA
AMD A8-9600	5001	685	74.84	\$66.82
AMD A9-9400	2257	1384	NA	NA
AMD A9-9410	2571	1268	NA	NA
AMD A9-9420	2325	1347	NA	NA
AMD A9-9420e	1221	1873	NA	NA
AMD A9-9430	2705	1226	NA	NA
AMD A10 Micro-6700T APU	1890	1532	NA	NA
AMD A10 PRO-7350B APU	3241	1055	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10 PRO-7800B APU	5409	624	NA	NA
AMD A10 PRO-7850B APU	5465	617	NA	NA
AMD A10-4600M APU	3117	1093	NA	NA
AMD A10-4655M APU	2598	1256	NA	NA
AMD A10-4657M APU	2906	1158	NA	NA
AMD A10-5700 APU	4204	830	8.17	\$514.70*
AMD A10-5745M APU	2763	1208	NA	NA
AMD A10-5750M APU	3342	1028	NA	NA
AMD A10-5757M APU	3086	1099	NA	NA
AMD A10-5800B APU	4658	740	NA	NA
AMD A10-5800K APU >> Compare	4638	745	36.82	\$125.99*
AMD A10-6700 APU	4605	754	9.07	\$507.68*
AMD A10-6700T APU	3691	943	26.37	\$139.99
AMD A10-6790K APU	4704	733	22.75	\$206.82*
AMD A10-6800B APU	4991	686	NA	NA
AMD A10-6800K APU	4874	704	16.98	\$287.11
AMD A10-7300 APU	2912	1156	NA	NA
AMD A10-7400P	3631	952	NA	NA
AMD A10-7700K APU	5134	658	21.25	\$241.64
AMD A10-7800 APU	5008	683	47.70	\$104.99*
AMD A10-7850K APU	5483	612	13.74	\$398.98*
AMD A10-7860K	5098	664	15.98	\$319.00*
AMD A10-7870K	5486	611	49.44	\$110.96
AMD A10-7890K	5749	581	35.69	\$161.10
AMD A10-8700P	3460	998	NA	NA
AMD A10-8750	5103	663	NA	NA
AMD A10-8850	5613	595	NA	NA
AMD A10-9600P	3811	910	NA	NA
AMD A10-9620P	3837	900	NA	NA
AMD A10-9630P	4492	778	NA	NA
AMD A10-9700	5403	626	60.11	\$89.89
AMD A10-9700E	4775	724	49.66	\$96.17
AMD A12-9700P	3748	930	NA	NA
AMD A12-9720P	3998	871	NA	NA
AMD A12-9730P	4389	793	NA	NA
AMD A12-9800	5558	603	35.86	\$155.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A12-9800E	5060	669	43.05	\$117.55
AMD Athlon64 X2 Dual Core 3800+	950	2033	NA	NA
AMD Athlon64 X2 Dual Core 4200+	1006	1993	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	1931	NA	NA
AMD Athlon 4	279	2532	5.72	\$48.91
AMD Athlon 64 2000+	116	2665	NA	NA
AMD Athlon 64 2200+	575	2222	NA	NA
AMD Athlon 64 2600+	374	2405	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 2800+	438	2334	4.38	\$99.99*
AMD Athlon 64 3000+	462	2306	9.24	\$50.00
AMD Athlon 64 3200+	491	2273	3.28	\$149.95*
AMD Athlon 64 3300+	576	2221	NA	NA
AMD Athlon 64 3400+	545	2234	NA	NA
AMD Athlon 64 3500+	540	2241	5.35	\$100.95
AMD Athlon 64 3600+	601	2209	NA	NA
AMD Athlon 64 3700+	599	2210	8.69	\$69.00
AMD Athlon 64 3800+	588	2214	4.20	\$139.95*
AMD Athlon 64 4000+	605	2204	3.06	\$197.95*
AMD Athlon 64 FX-25	794	2117	NA	NA
AMD Athlon 64 FX-34	380	2398	NA	NA
AMD Athlon 64 FX-51	437	2335	NA	NA
AMD Athlon 64 FX-53	646	2184	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2148	4.01	\$179.95
AMD Athlon 64 FX-57	730	2144	NA	NA
AMD Athlon 64 FX-59	715	2152	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1836	NA	NA
AMD Athlon 64 FX-62 Dual Core	1579	1691	NA	NA
AMD Athlon 64 FX-72	1794	1577	NA	NA
AMD Athlon 64 FX-74	1495	1728	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2029	NA	NA
AMD Athlon 64 X2 4200+	1285	1833	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1783	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2003	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	968	2018	16.15	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1001	1996	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1040	1971	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1099	1936	6.11	\$179.95
AMD Athlon 64 X2 Dual Core 4400+	1148	1912	19.14	\$60.00*
AMD Athlon 64 X2 Dual Core 4600+	1222	1871	3.40	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1257	1851	2.73	\$459.95
AMD Athlon 64 X2 Dual Core 5000+	1312	1811	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1383	1774	26.07	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1451	1745	27.39	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1481	1733	10.59	\$139.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1708	38.26	\$39.95
AMD Athlon 64 X2 Dual Core 6000+	1604	1679	49.36	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1792	1578	6.89	\$259.95*
AMD Athlon 64 X2 Dual Core BE-230	1095	1940	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	1950	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core BE-2350	1044	1968	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2097	24.03	\$34.95*
AMD Athlon 64 X2 Dual Core TK-55	839	2098	14.53	\$57.74*

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 TK-57	971	2016	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2076	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2109	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	872	2077	11.99	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	926	2050	NA	NA
AMD Athlon 64 X2 QL-60	920	2059	NA	NA
AMD Athlon 64 X2 QL-62	1015	1986	NA	NA
AMD Athlon 64 X2 QL-64	988	2008	NA	NA
AMD Athlon 64 X2 QL-65	1042	1969	NA	NA
AMD Athlon 64 X2 QL-66	945	2037	NA	NA
AMD Athlon 64 X2 QL-67	1006	1991	NA	NA
AMD Athlon 64 X2 TK-55	955	2030	NA	NA
AMD Athlon 64 X2 TK-57	988	2009	NA	NA
AMD Athlon 1500+	294	2505	NA	NA
AMD Athlon 1640B	678	2172	13.57	\$50.00*
AMD Athlon 1700+	349	2435	NA	NA
AMD Athlon 2000+	390	2392	NA	NA
AMD Athlon 2100+	412	2356	NA	NA
AMD Athlon 2200+	363	2421	4.55	\$79.99*
AMD Athlon 2400+	462	2307	NA	NA
AMD Athlon 2500+	374	2404	2.04	\$183.99*
AMD Athlon 2600+	444	2326	4.23	\$104.95*
AMD Athlon 2650e	410	2359	21.61	\$19.00*
AMD Athlon 2800+	447	2324	8.96	\$49.99*
AMD Athlon 2850e	504	2267	NA	NA
AMD Athlon 3100+	485	2286	NA	NA
AMD Athlon 3200+	458	2310	6.55	\$69.95*
AMD Athlon 5000 Dual-Core	1292	1827	12.93	\$99.95*
AMD Athlon 5150 APU	2094	1446	19.40	\$108.00*
AMD Athlon 5200 Dual-Core	1248	1859	13.82	\$90.33*
AMD Athlon 5350 APU	2598	1255	7.08	\$367.00*
AMD Athlon 5370 APU	2898	1165	45.51	\$63.70*
AMD Athlon 7450 Dual-Core	1442	1751	NA	NA
AMD Athlon 7550 Dual-Core	1458	1740	24.30	\$60.00*
AMD Athlon 7750 Dual-Core	1580	1689	10.63	\$148.71*
AMD Athlon 7850 Dual-Core	1716	1612	8.19	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2515	NA	NA
AMD Athlon Dual Core 4050e	1086	1947	NA	NA
AMD Athlon Dual Core 4450B	1167	1901	37.65	\$31.00
AMD Athlon Dual Core 4450e	1101	1935	NA	NA
AMD Athlon Dual Core 4850B	1447	1747	NA	NA
AMD Athlon Dual Core 4850e	1315	1810	33.72	\$39.00*
AMD Athlon Dual Core 5000B	1304	1817	13.73	\$95.00*
AMD Athlon Dual Core 5050e	1350	1795	22.50	\$60.00*
AMD Athlon Dual Core 5200B	1328	1805	NA	NA
AMD Athlon Dual Core 5400B	1424	1759	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 5600B	1304	1816	NA	NA
AMD Athlon II 160u	560	2231	18.68	\$29.99*
AMD Athlon II 170u	626	2197	20.91	\$29.95*
AMD Athlon II Dual-Core M300	1114	1926	NA	NA
AMD Athlon II Dual-Core M320	1143	1917	38.12	\$30.00*
AMD Athlon II Dual-Core M340	1056	1962	NA	NA
AMD Athlon II N330 Dual-Core	1154	1908	NA	NA
AMD Athlon II N350 Dual-Core	1247	1861	NA	NA
AMD Athlon II N370 Dual-Core	1559	1698	NA	NA
AMD Athlon II Neo K125	467	2300	NA	NA
AMD Athlon II Neo K145	525	2249	NA	NA
AMD Athlon II Neo K325 Dual-Core	778	2122	29.96	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2088	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2118	NA	NA
AMD Athlon II P320 Dual-Core	1215	1875	40.59	\$29.95*
AMD Athlon II P340 Dual-Core	1251	1858	27.85	\$44.95*
AMD Athlon II P360 Dual-Core	1323	1809	66.17	\$20.00
AMD Athlon II X2 210e	1486	1731	NA	NA
AMD Athlon II X2 215	1580	1690	131.78	\$11.99*
AMD Athlon II X2 220	1635	1662	50.80	\$32.19
AMD Athlon II X2 225	1526	1709	NA	NA
AMD Athlon II X2 235e	1657	1651	9.12	\$181.88*
AMD Athlon II X2 240	1644	1656	47.05	\$34.95
AMD Athlon II X2 240e	1698	1624	48.59	\$34.95*
AMD Athlon II X2 245	1682	1635	48.13	\$34.95*
AMD Athlon II X2 245e	1706	1616	21.33	\$80.00*
AMD Athlon II X2 250	1749	1598	44.93	\$38.95
AMD Athlon II X2 250e	1949	1503	25.41	\$76.73*
AMD Athlon II X2 250u	999	1997	25.03	\$39.95*
AMD Athlon II X2 255	1845	1555	28.30	\$65.22*
AMD Athlon II X2 260	1873	1544	39.04	\$48.00*
AMD Athlon II X2 260u	1106	1932	13.26	\$83.44*
AMD Athlon II X2 265	1881	1537	22.71	\$82.88*
AMD Athlon II X2 270	1988	1487	19.89	\$99.99*
AMD Athlon II X2 270u	1350	1794	19.96	\$67.67*
AMD Athlon II X2 280	2159	1418	21.59	\$99.99*
AMD Athlon II X2 4300e	1350	1793	NA	NA
AMD Athlon II X2 4400e	1618	1669	NA	NA
AMD Athlon II X2 4450e	1504	1724	NA	NA
AMD Athlon II X2 B22	1701	1621	81.04	\$21.00*
AMD Athlon II X2 B24	1783	1580	44.64	\$39.95*
AMD Athlon II X2 B26	1878	1539	41.79	\$44.95
AMD Athlon II X2 B28	2112	1438	43.06	\$49.05
AMD Athlon II X3 400e	2009	1477	18.70	\$107.43*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 405e	2025	1471	25.32	\$79.99*
AMD Athlon II X3 415e	2247	1388	29.97	\$75.00*
AMD Athlon II X3 420e	2286	1367	19.68	\$116.15*
AMD Athlon II X3 425	2319	1351	55.27	\$41.96*
AMD Athlon II X3 425e	2239	1393	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 435	2469	1302	61.82	\$39.95*
AMD Athlon II X3 440	2568	1269	54.71	\$46.95*
AMD Athlon II X3 445	2583	1262	28.39	\$91.00*
AMD Athlon II X3 450	2627	1244	58.46	\$44.95
AMD Athlon II X3 455	2771	1202	30.81	\$89.95*
AMD Athlon II X3 460	2858	1174	57.19	\$49.99*
AMD Athlon II X4 553	3814	908	NA	NA
AMD Athlon II X4 555	3830	905	NA	NA
AMD Athlon II X4 559	4167	840	NA	NA
AMD Athlon II X4 600e	2446	1308	18.79	\$130.23*
AMD Athlon II X4 605e	2743	1215	26.95	\$101.80*
AMD Athlon II X4 610e	2798	1195	39.99	\$69.99*
AMD Athlon II X4 615e	2901	1164	49.17	\$59.00*
AMD Athlon II X4 620	2941	1148	45.28	\$64.95*
AMD Athlon II X4 620e	2906	1159	NA	NA
AMD Athlon II X4 630	3137	1090	49.84	\$62.95*
AMD Athlon II X4 631 Quad-Core	3155	1085	39.44	\$80.00*
AMD Athlon II X4 635	3256	1051	46.55	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1067	NA	NA
AMD Athlon II X4 640	3318	1032	12.76	\$259.95
AMD Athlon II X4 641 Quad-Core	3361	1025	36.74	\$91.50*
AMD Athlon II X4 645	3481	991	34.83	\$99.95*
AMD Athlon II X4 650	3474	994	20.85	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	969	20.09	\$178.04*
AMD Athlon II X4 655	2880	1169	NA	NA
AMD Athlon II X4 6400e	2594	1257	NA	NA
AMD Athlon L110	306	2483	NA	NA
AMD Athlon LE-1600	567	2228	27.04	\$21.00*
AMD Athlon LE-1620	572	2224	31.83	\$18.00*
AMD Athlon LE-1640	630	2194	NA	NA
AMD Athlon LE-1660	676	2174	NA	NA
AMD Athlon MP	230	2588	4.20	\$54.95*
AMD Athlon MP 1700+	339	2447	NA	NA
AMD Athlon MP 2400+	436	2337	NA	NA
AMD Athlon MP 2800+	497	2269	NA	NA
AMD Athlon Neo MV-40	410	2360	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	1995	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2124	NA	NA
AMD Athlon Neo X2 Dual Core L335	827	2103	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon QI-46	473	2297	NA	NA
AMD Athlon TF-20	418	2352	NA	NA
AMD Athlon TF-36	358	2425	NA	NA
AMD Athlon X2 215	1511	1719	NA	NA
AMD Athlon X2 235e	1806	1572	NA	NA
AMD Athlon X2 240	1575	1695	NA	NA
AMD Athlon X2 240e	1670	1643	NA	NA
AMD Athlon X2 250	1696	1627	NA	NA
AMD Athlon X2 255	1627	1666	NA	NA
AMD Athlon X2 280	2303	1358	13.17	\$174.81*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 340 Dual Core	1893	1531	63.13	\$29.99*
AMD Athlon X2 370K Dual Core	2251	1386	NA	NA
AMD Athlon X2 440	1424	1758	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2121	NA	NA
AMD Athlon X2 Dual Core 6850e	998	1998	NA	NA
AMD Athlon X2 Dual Core BE-2300	925	2052	NA	NA
AMD Athlon X2 Dual Core BE-2350	1104	1934	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	1876	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1857	NA	NA
AMD Athlon X2 Dual Core L310	643	2187	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	1989	NA	NA
AMD Athlon X3 425	2191	1407	NA	NA
AMD Athlon X3 435	2574	1266	26.96	\$95.49*
AMD Athlon X3 440	2078	1454	23.62	\$87.99*
AMD Athlon X3 445	2314	1352	NA	NA
AMD Athlon X3 450	3064	1109	38.80	\$78.99*
AMD Athlon X3 455	2401	1325	NA	NA
AMD Athlon X4 605e	2505	1290	NA	NA
AMD Athlon X4 620	2861	1173	44.06	\$64.95
AMD Athlon X4 635	2891	1167	23.71	\$121.99*
AMD Athlon X4 640	3172	1074	NA	NA
AMD Athlon X4 645	3595	959	NA	NA
AMD Athlon X4 740 Quad Core	4009	868	14.47	\$277.00*
AMD Athlon X4 750 Quad Core	4551	768	NA	NA
AMD Athlon X4 750K Quad Core	4249	823	55.19	\$76.99*
AMD Athlon X4 760K Quad Core	4584	759	98.58	\$46.50
AMD Athlon X4 830	4701	734	NA	NA
AMD Athlon X4 840	5030	676	63.89	\$78.74*
AMD Athlon X4 845	5445	622	66.12	\$82.36
AMD Athlon X4 860K	5450	620	24.45	\$222.98
AMD Athlon X4 870K	5326	639	71.97	\$74.01*
AMD Athlon X4 880K	5600	598	67.38	\$83.12
AMD Athlon X4 950	5335	638	88.12	\$60.55
AMD Athlon XP1600+	281	2528	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP1700+	234	2584	NA	NA
AMD Athlon XP1900+	353	2432	NA	NA
AMD Athlon XP2100+	287	2517	NA	NA
AMD Athlon XP2200+	401	2375	NA	NA
AMD Athlon XP2400+	391	2390	NA	NA
AMD Athlon XP 1500	282	2527	NA	NA
AMD Athlon XP 1500+	257	2558	NA	NA
AMD Athlon XP 1600+	267	2548	NA	NA
AMD Athlon XP 1700	344	2442	NA	NA
AMD Athlon XP 1700+	271	2543	NA	NA
AMD Athlon XP 1800+	300	2495	5.09	\$58.95*
AMD Athlon XP 1900+	312	2474	NA	NA
AMD Athlon XP 2000+	299	2496	12.00	\$24.99*
AMD Athlon XP 2100+	323	2458	NA	NA
AMD Athlon XP 2200+	328	2456	3.87	\$84.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2300+	464	2304	NA	NA
AMD Athlon XP 2400+	360	2424	4.01	\$89.99*
AMD Athlon XP 2500+	355	2429	NA	NA
AMD Athlon XP 2600+	372	2408	16.18	\$23.03*
AMD Athlon XP 2700+	393	2386	4.64	\$84.79*
AMD Athlon XP 2800+	398	2378	NA	NA
AMD Athlon XP 2900+	440	2330	NA	NA
AMD Athlon XP 3000+	402	2374	5.16	\$78.00*
AMD Athlon XP 3100+	433	2343	NA	NA
AMD Athlon XP 3200+	433	2344	NA	NA
AMD Athlon XP 3400+	570	2226	NA	NA
AMD Athlon XP Pro3+	367	2415	NA	NA
AMD Athlon XP-M	541	2240	15.48	\$34.95*
AMD C-30	310	2477	NA	NA
AMD C-50	463	2305	NA	NA
AMD C-60	476	2295	NA	NA
AMD C-60 APU	545	2235	NA	NA
AMD C-70 APU	568	2227	NA	NA
AMD E1 Micro-6200T APU	960	2027	NA	NA
AMD E1-1200 APU	661	2178	NA	NA
AMD E1-1500 APU	685	2167	NA	NA
AMD E1-2100 APU	631	2193	NA	NA
AMD E1-2200 APU	767	2126	NA	NA
AMD E1-2500 APU	888	2073	NA	NA
AMD E1-6010 APU	854	2089	NA	NA
AMD E1-6015 APU	901	2070	NA	NA
AMD E1-7010 APU	1011	1988	NA	NA
AMD E2-1800 APU	820	2108	NA	NA
AMD E2-2000 APU	829	2102	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E2-3000 APU	1088	1945	NA	NA
AMD E2-3000M APU	1091	1943	54.58	\$20.00*
AMD E2-3200 APU	1441	1752	180.35	\$7.99*
AMD E2-3800 APU	1646	1655	NA	NA
AMD E2-6110 APU	1903	1521	NA	NA
AMD E2-7110 APU	2283	1371	NA	NA
AMD E2-9000	1819	1569	NA	NA
AMD E2-9000e	1362	1787	NA	NA
AMD E2-9010	1852	1552	NA	NA
AMD E-240	317	2465	NA	NA
AMD E-300 APU	611	2201	NA	NA
AMD E-350	747	2137	NA	NA
AMD E-350 APU	757	2133	NA	NA
AMD E-350D APU	727	2146	NA	NA
AMD E-450 APU	766	2127	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1597	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1449	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2512	1287	NA	NA
AMD Embedded R-Series RX-216GD	2409	1322	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	668	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded R-Series RX-421BD	4635	747	NA	NA
AMD EPYC 7251 8-Core	11833	162	22.33	\$529.99
AMD EPYC 7351P	17991	50	22.49	\$799.99
AMD EPYC 7401P	18465	43	16.06	\$1,149.99
AMD EPYC 7501	18942	38	5.19	\$3,649.99
AMD EPYC 7551	18483	42	5.00	\$3,699.99
AMD FirePro A320 APU	4540	770	NA	NA
AMD FX-670K Quad-Core	4505	774	NA	NA
AMD FX-770K Quad-Core	4766	725	NA	NA
AMD FX-870K Quad Core	5143	656	NA	NA
AMD FX-4100 Quad-Core	4061	854	31.24	\$129.99
AMD FX-4130 Quad-Core	4169	839	54.86	\$75.99
AMD FX-4150 Quad-Core	4594	757	NA	NA
AMD FX-4170 Quad-Core	4850	708	33.77	\$143.61*
AMD FX-4200 Quad-Core	4248	824	18.62	\$228.21*
AMD FX-4300 Quad-Core	4673	739	64.03	\$72.99
AMD FX-4320	5005	684	NA	NA
AMD FX-4330	5222	649	NA	NA
AMD FX-4350 Quad-Core	5336	637	53.37	\$99.99
AMD FX-6100 Six-Core	5376	629	21.85	\$246.00
AMD FX-6120 Six-Core	5747	582	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-6130 Six-Core	6215	527	NA	NA
AMD FX-6200 Six-Core	6115	542	17.99	\$339.95
AMD FX-6300 Six-Core	6382	521	82.35	\$77.50
AMD FX-6330 Six-Core	6935	468	NA	NA
AMD FX-6350 Six-Core	6985	463	59.60	\$117.22
AMD FX-7500 APU	3220	1060	NA	NA
AMD FX-7600P	4051	856	NA	NA
AMD FX-7600P APU	4627	749	NA	NA
AMD FX-8100 Eight-Core	6018	550	42.39	\$142.00*
AMD FX-8120 Eight-Core	6594	496	36.64	\$179.99*
AMD FX-8140 Eight-Core	5854	567	NA	NA
AMD FX-8150 Eight-Core	7621	412	35.45	\$214.99*
AMD FX-8300 Eight-Core	7715	403	91.92	\$83.94
AMD FX-8310 Eight-Core	7747	400	NA	NA
AMD FX-8320 Eight-Core	8022	377	84.46	\$94.99
AMD FX-8320E Eight-Core	7533	416	70.41	\$106.99
AMD FX-8350 Eight-Core	8949	313	82.15	\$108.94
AMD FX-8370 Eight-Core	9016	307	50.72	\$177.77
AMD FX-8370E Eight-Core	7793	393	42.36	\$184.00
AMD FX-8800P	4155	843	NA	NA
AMD FX-9370 Eight-Core	9511	266	39.57	\$240.39
AMD FX-9590 Eight-Core	10195	213	84.97	\$119.99
AMD FX-9800P	4028	863	NA	NA
AMD FX-9830P	4730	729	NA	NA
AMD FX-B4150 Quad-Core	4611	752	NA	NA
AMD G-T40E	485	2282	NA	NA
AMD G-T40N	516	2256	NA	NA
AMD G-T44R	227	2590	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T48E	716	2151	NA	NA
AMD G-T52R	303	2488	NA	NA
AMD G-T56E	751	2135	NA	NA
AMD G-T56N	783	2119	NA	NA
AMD Geode NX	264	2551	NA	NA
AMD Geode NX 1750	291	2506	NA	NA
AMD GX-210JA SOC	401	2376	NA	NA
AMD GX-212JC SOC	744	2139	NA	NA
AMD GX-217GA SOC	1097	1937	NA	NA
AMD GX-218GL SOC	1115	1925	NA	NA
AMD GX-222GC SOC	1255	1853	NA	NA
AMD GX-412HC	1497	1727	NA	NA
AMD GX-415GA SOC	1929	1514	NA	NA
AMD GX-420CA SOC	2299	1360	NA	NA
AMD GX-424CC SOC	2488	1296	NA	NA
AMD K7	403	2371	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 140	396	2381	0.56	\$710.00
AMD Opteron 142	428	2348	NA	NA
AMD Opteron 144	486	2281	7.48	\$65.00*
AMD Opteron 146	532	2246	8.87	\$59.99*
AMD Opteron 148	603	2208	NA	NA
AMD Opteron 150	604	2206	NA	NA
AMD Opteron 152	658	2179	NA	NA
AMD Opteron 154	703	2163	NA	NA
AMD Opteron 165	899	2071	1.47	\$610.00
AMD Opteron 170	1097	1938	NA	NA
AMD Opteron 175	1167	1900	NA	NA
AMD Opteron 180	1228	1867	9.45	\$129.95
AMD Opteron 185	1360	1788	NA	NA
AMD Opteron 246	632	2192	12.64	\$49.99
AMD Opteron 248	476	2294	39.73	\$12.00
AMD Opteron 250	649	2183	59.01	\$11.00
AMD Opteron 252	760	2130	12.00	\$63.36*
AMD Opteron 254	693	2165	NA	NA
AMD Opteron 256	963	2023	50.72	\$19.00*
AMD Opteron 265	963	2024	6.02	\$159.95*
AMD Opteron 270	1083	1949	1.78	\$607.47*
AMD Opteron 275	1291	1829	19.87	\$64.99
AMD Opteron 280	1272	1844	1.60	\$796.67*
AMD Opteron 285	1470	1736	NA	NA
AMD Opteron 290	1464	1738	10.85	\$135.00*
AMD Opteron 1210	923	2054	NA	NA
AMD Opteron 1210 HE	971	2015	NA	NA
AMD Opteron 1212	1009	1990	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1814	NA	NA
AMD Opteron 1214	1191	1886	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1819	NA	NA
AMD Opteron 1216	1311	1812	23.91	\$54.85*
AMD Opteron 1216 HE	1172	1898	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1218	1468	1737	NA	NA
AMD Opteron 1218 HE	1444	1750	NA	NA
AMD Opteron 1220	1653	1654	NA	NA
AMD Opteron 1222	1757	1594	NA	NA
AMD Opteron 1352	2368	1337	17.42	\$135.99*
AMD Opteron 1354	2608	1252	8.41	\$309.97*
AMD Opteron 1356	2765	1207	30.73	\$89.99*
AMD Opteron 1381	3065	1108	NA	NA
AMD Opteron 2212	1270	1846	105.89	\$12.00
AMD Opteron 2214	1358	1790	2.39	\$569.00*
AMD Opteron 2214 HE	1415	1762	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2216	1518	1717	8.53	\$178.00
AMD Opteron 2218	1594	1684	49.18	\$32.42*
AMD Opteron 2220	1701	1622	1.15	\$1,475.16
AMD Opteron 2220 SE	1398	1768	73.58	\$19.00
AMD Opteron 2222	1843	1556	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1516	NA	NA
AMD Opteron 2350	2820	1185	10.45	\$269.99*
AMD Opteron 2356	2814	1190	188.25	\$14.95
AMD Opteron 2373 EE	2789	1198	NA	NA
AMD Opteron 2374 HE	2951	1143	15.53	\$189.99*
AMD Opteron 2376	2283	1372	152.20	\$15.00
AMD Opteron 2378	3179	1072	17.76	\$179.00*
AMD Opteron 2380	2640	1242	105.64	\$25.00*
AMD Opteron 2384	3538	977	4.21	\$840.00*
AMD Opteron 2386 SE	3538	978	NA	NA
AMD Opteron 2393 SE	2246	1390	NA	NA
AMD Opteron 2427	3069	1106	32.26	\$95.14*
AMD Opteron 2431	4516	773	112.91	\$40.00
AMD Opteron 2435	4708	732	39.11	\$120.40*
AMD Opteron 3260 HE	3259	1048	NA	NA
AMD Opteron 3280	5286	645	19.35	\$273.18*
AMD Opteron 3320 EE	2675	1234	NA	NA
AMD Opteron 3350 HE	4009	867	NA	NA
AMD Opteron 3365	5929	557	NA	NA
AMD Opteron 3380	6384	520	7.89	\$809.00*
AMD Opteron 4122	2942	1146	11.32	\$259.95
AMD Opteron 4162 EE	3166	1075	NA	NA
AMD Opteron 4184	4418	789	8.50	\$519.95*
AMD Opteron 4280	6430	514	14.09	\$456.44*
AMD Opteron 4284	6660	489	18.64	\$357.30*
AMD Opteron 4332 HE	5614	594	NA	NA
AMD Opteron 4334	6133	538	28.34	\$216.42*
AMD Opteron 4365 EE	5025	678	NA	NA
AMD Opteron 6128	4505	775	19.17	\$235.00
AMD Opteron 6134	2938	1149	4.93	\$595.95*
AMD Opteron 6136	4631	748	12.90	\$359.00
AMD Opteron 6164 HE	5351	635	NA	NA
AMD Opteron 6174	6171	533	29.39	\$209.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6212	5776	576	27.57	\$209.50*
AMD Opteron 6234	5979	552	14.95	\$399.99*
AMD Opteron 6238	7316	434	6.72	\$1,088.11*
AMD Opteron 6272	6748	482	20.77	\$325.00
AMD Opteron 6274	4865	706	23.17	\$210.00
AMD Opteron 6276	9011	308	29.17	\$308.89

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6282 SE	9116	299	8.36	\$1,089.99*
AMD Opteron 6287 SE	9789	248	NA	NA
AMD Opteron 6328	7813	391	15.44	\$505.99
AMD Opteron 6366 HE	7503	420	7.43	\$1,010.00
AMD Opteron 6376	9414	276	15.43	\$610.00
AMD Opteron 6378	2152	1420	5.40	\$399.00*
AMD Opteron 6380	10081	225	25.86	\$389.86
AMD Opteron 6386 SE	10748	189	4.46	\$2,407.51*
AMD Opteron 8354	2255	1385	187.96	\$12.00
AMD Opteron 8439 SE	3813	909	44.86	\$85.00
AMD Opteron X3216 APU	2368	1336	NA	NA
AMD Opteron X3421 APU	5024	680	NA	NA
AMD Phenom 2 X4 12000	3005	1126	NA	NA
AMD Phenom 7950 Quad-Core	2991	1130	NA	NA
AMD Phenom 8250 Triple-Core	1644	1657	NA	NA
AMD Phenom 8250e Triple-Core	1619	1668	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1641	1658	NA	NA
AMD Phenom 8450 Triple-Core	1888	1533	63.05	\$29.95*
AMD Phenom 8450e Triple-Core	2036	1466	NA	NA
AMD Phenom 8600 Triple-Core	1697	1625	32.04	\$52.99*
AMD Phenom 8600B Triple-Core	1945	1504	36.71	\$52.99*
AMD Phenom 8650 Triple-Core	1993	1485	39.89	\$49.99*
AMD Phenom 8750 Triple-Core	2055	1459	NA	NA
AMD Phenom 8750B Triple-Core	2034	1467	NA	NA
AMD Phenom 8850 Triple-Core	2026	1469	NA	NA
AMD Phenom 8850B Triple-Core	2080	1453	NA	NA
AMD Phenom 9100e Quad-Core	1838	1560	46.03	\$39.95*
AMD Phenom 9150e Quad-Core	2116	1436	52.98	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1350	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1246	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2209	1402	24.56	\$89.96*
AMD Phenom 9550 Quad-Core	2542	1274	63.65	\$39.95*
AMD Phenom 9600 Quad-Core	2306	1354	46.18	\$49.95
AMD Phenom 9600B Quad-Core	2571	1267	17.47	\$147.19*
AMD Phenom 9650 Quad-Core	2641	1241	48.08	\$54.95*
AMD Phenom 9750 Quad-Core	2816	1188	46.99	\$59.95*
AMD Phenom 9750B Quad-Core	2709	1223	NA	NA
AMD Phenom 9850 Quad-Core	2897	1166	57.96	\$50.00*
AMD Phenom 9850B Quad-Core	3160	1082	NA	NA
AMD Phenom 9950 Quad-Core	3015	1123	16.75	\$179.98*
AMD Phenom FX-5000 Quad-Core	2518	1284	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1144	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	955	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II 42 TWKR Black Edition	3489	989	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	1679	1636	42.14	\$39.86*
AMD Phenom II N640 Dual-Core	1740	1602	26.80	\$64.95*
AMD Phenom II N660 Dual-Core	1852	1550	18.72	\$99.00*
AMD Phenom II N830 3+1	2652	1238	NA	NA
AMD Phenom II N830 Triple-Core	1886	1535	NA	NA
AMD Phenom II N850 Triple-Core	1934	1511	77.39	\$25.00*
AMD Phenom II N870 Triple-Core	1988	1488	NA	NA
AMD Phenom II N930 Quad-Core	2269	1380	22.72	\$99.86*
AMD Phenom II N950 Quad-Core	2488	1297	22.10	\$112.60*
AMD Phenom II N970 Quad-Core	2522	1283	16.81	\$149.99*
AMD Phenom II P650 Dual-Core	1603	1680	45.81	\$35.00*
AMD Phenom II P820 Triple-Core	1611	1675	NA	NA
AMD Phenom II P840 Triple-Core	1731	1606	NA	NA
AMD Phenom II P860 Triple-Core	1759	1592	NA	NA
AMD Phenom II P920 Quad-Core	1881	1538	25.08	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1568	NA	NA
AMD Phenom II P960 Quad-Core	2087	1450	74.56	\$28.00*
AMD Phenom II X2 511	2104	1442	NA	NA
AMD Phenom II X2 521	2091	1448	NA	NA
AMD Phenom II X2 545	1905	1518	38.16	\$49.95*
AMD Phenom II X2 550	2025	1470	15.19	\$133.39*
AMD Phenom II X2 555	2040	1464	6.80	\$299.95*
AMD Phenom II X2 560	2055	1460	18.69	\$109.95*
AMD Phenom II X2 565	2211	1401	17.70	\$124.95*
AMD Phenom II X2 570	1960	1497	NA	NA
AMD Phenom II X2 B53	1670	1644	NA	NA
AMD Phenom II X2 B55	1934	1512	40.30	\$48.00*
AMD Phenom II X2 B57	1848	1553	NA	NA
AMD Phenom II X2 B59	2148	1422	43.01	\$49.95*
AMD Phenom II X3 700e	2285	1370	NA	NA
AMD Phenom II X3 705e	2227	1397	14.63	\$152.34*
AMD Phenom II X3 710	2446	1309	28.94	\$84.53*
AMD Phenom II X3 715	2649	1240	31.17	\$84.99*
AMD Phenom II X3 720	2684	1231	35.80	\$74.99*
AMD Phenom II X3 740	3002	1127	33.75	\$88.99*
AMD Phenom II X3 B73	2735	1219	36.47	\$75.00*
AMD Phenom II X3 B75	2946	1145	NA	NA
AMD Phenom II X3 B77	3067	1107	NA	NA
AMD Phenom II X4 805	2997	1129	17.23	\$173.99*
AMD Phenom II X4 810	3130	1091	26.99	\$115.99*
AMD Phenom II X4 820	3418	1005	45.61	\$74.95*
AMD Phenom II X4 830	3443	1000	43.07	\$79.95*
AMD Phenom II X4 840	3514	983	39.07	\$89.95*
AMD Phenom II X4 840T	3602	957	45.06	\$79.95*
AMD Phenom II X4 850	3543	976	31.78	\$111.49*
AMD Phenom II X4 900e	2882	1168	NA	NA
AMD Phenom II X4 905e	3083	1100	14.52	\$212.38*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 910	3265	1044	32.66	\$100.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 910e	3260	1047	20.77	\$156.99*
AMD Phenom II X4 920	3403	1011	49.33	\$68.99
AMD Phenom II X4 925	3427	1003	21.43	\$159.99*
AMD Phenom II X4 940	3601	958	30.02	\$119.99*
AMD Phenom II X4 945	3675	946	12.77	\$287.89*
AMD Phenom II X4 955	3940	882	30.27	\$130.16*
AMD Phenom II X4 960T	3803	912	28.17	\$134.99*
AMD Phenom II X4 965	4200	831	64.67	\$64.95
AMD Phenom II X4 970	4353	804	25.32	\$171.91*
AMD Phenom II X4 973	3759	926	NA	NA
AMD Phenom II X4 975	4488	779	34.53	\$129.99*
AMD Phenom II X4 977	3750	929	NA	NA
AMD Phenom II X4 980	4504	776	32.96	\$136.64*
AMD Phenom II X4 8700e	2377	1332	NA	NA
AMD Phenom II X4 B05e	2781	1199	NA	NA
AMD Phenom II X4 B15e	2736	1218	NA	NA
AMD Phenom II X4 B25	3389	1016	NA	NA
AMD Phenom II X4 B35	3379	1019	NA	NA
AMD Phenom II X4 B40	3406	1010	NA	NA
AMD Phenom II X4 B45	3465	996	NA	NA
AMD Phenom II X4 B50	3702	941	NA	NA
AMD Phenom II X4 B55	3867	896	NA	NA
AMD Phenom II X4 B60	4045	859	NA	NA
AMD Phenom II X4 B65	4177	837	NA	NA
AMD Phenom II X4 B70	4261	819	NA	NA
AMD Phenom II X4 B93	3361	1024	NA	NA
AMD Phenom II X4 B95	3718	935	50.97	\$72.95*
AMD Phenom II X4 B97	3911	888	48.93	\$79.95
AMD Phenom II X4 B99	4130	849	NA	NA
AMD Phenom II X6 1035T	4677	738	24.75	\$189.00*
AMD Phenom II X6 1045T	4825	715	27.58	\$175.00*
AMD Phenom II X6 1055T	4980	687	26.92	\$185.00*
AMD Phenom II X6 1065T	5079	666	NA	NA
AMD Phenom II X6 1075T	5354	634	20.59	\$259.99*
AMD Phenom II X6 1090T	5598	600	14.14	\$396.08*
AMD Phenom II X6 1100T	5756	578	24.60	\$233.99*
AMD Phenom II X6 1405T	5042	674	NA	NA
AMD Phenom II X620 Dual-Core	2189	1408	NA	NA
AMD Phenom II X640 Dual-Core	2021	1473	NA	NA
AMD Phenom II X920 Quad-Core	2638	1243	NA	NA
AMD Phenom II X940 Quad-Core	2695	1227	NA	NA
AMD Phenom Ultra X4 24500	3945	881	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1626	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X2 Dual-Core GE-5560	2206	1403	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1595	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1892	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1755	NA	NA
AMD Phenom X3 8550	1930	1513	11.36	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1593	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-9530	1994	1484	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1394	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2812	1191	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1222	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1229	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1880	NA	NA
AMD PRO A4-3350B APU	2833	1179	NA	NA
AMD PRO A4-8350B	2942	1147	NA	NA
AMD PRO A6-7350B	2759	1209	NA	NA
AMD PRO A6-8500B	2516	1285	NA	NA
AMD PRO A6-8530B	2435	1311	NA	NA
AMD PRO A6-8550B	3018	1121	NA	NA
AMD PRO A6-8570	3049	1114	NA	NA
AMD PRO A6-8570E	2824	1182	NA	NA
AMD PRO A6-9500	3262	1046	44.09	\$74.00*
AMD PRO A6-9500B	2303	1356	NA	NA
AMD PRO A6-9500E	2752	1211	37.20	\$74.00*
AMD PRO A8-8600B	3672	947	NA	NA
AMD PRO A8-8650B	5457	619	NA	NA
AMD PRO A8-9600	5321	641	44.72	\$119.00*
AMD PRO A8-9600B	4047	857	NA	NA
AMD PRO A10-8700B	3593	962	NA	NA
AMD PRO A10-8730B	4069	853	NA	NA
AMD PRO A10-8750B	5646	592	NA	NA
AMD PRO A10-8770	5742	583	NA	NA
AMD PRO A10-8770E	4881	703	NA	NA
AMD PRO A10-8850B	5852	568	NA	NA
AMD PRO A10-9700	5660	590	33.49	\$169.00*
AMD PRO A10-9700B	4393	792	NA	NA
AMD PRO A10-9700E	4949	695	35.61	\$139.00*
AMD PRO A12-8800B	4193	833	NA	NA
AMD PRO A12-8830B	4523	772	NA	NA
AMD PRO A12-8870	6177	532	NA	NA
AMD PRO A12-8870E	4814	717	NA	NA
AMD PRO A12-9800	6199	528	36.68	\$169.00*
AMD PRO A12-9800B	4336	809	NA	NA
AMD PRO A12-9800E	4799	721	28.40	\$169.00*
AMD QC-4000	1657	1652	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD R-260H APU	1576	1692	NA	NA
AMD R-460L APU	1954	1499	NA	NA
AMD R-464L APU	3073	1104	NA	NA
AMD RX-427BB	4289	817	NA	NA
AMD Ryzen 3 1200	6843	475	72.80	\$94.00
AMD Ryzen 3 1300X	7542	415	65.59	\$114.99
AMD Ryzen 3 2200G	7184	444	71.46	\$100.54
AMD Ryzen 3 2200U	5031	675	NA	NA
AMD Ryzen 3 PRO 1200	7132	452	NA	NA
AMD Ryzen 3 PRO 1300	8270	357	NA	NA
AMD Ryzen 5 1400	8429	349	60.22	\$139.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 1500X	10779	188	67.38	\$159.99
AMD Ryzen 5 1600	12386	150	70.23	\$176.37
AMD Ryzen 5 1600X	13557	130	68.48	\$197.99
AMD Ryzen 5 2400G	9405	278	62.71	\$149.99
AMD Ryzen 5 2500U	7751	398	NA	NA
AMD Ryzen 5 2600	13366	133	66.83	\$199.99
AMD Ryzen 5 2600X	15226	90	66.20	\$229.99
AMD Ryzen 5 PRO 1500	10868	184	NA	NA
AMD Ryzen 5 PRO 1600	12213	156	NA	NA
AMD Ryzen 7 1700	13753	122	51.22	\$268.50
AMD Ryzen 7 1700X	14631	101	54.20	\$269.95
AMD Ryzen 7 1800X	15404	85	50.02	\$308.00
AMD Ryzen 7 2700	15906	82	53.50	\$297.33
AMD Ryzen 7 2700U	7595	413	NA	NA
AMD Ryzen 7 2700X	17404	57	52.74	\$329.99
AMD Ryzen 7 PRO 1700	14859	97	NA	NA
AMD Ryzen 7 PRO 1700X	15221	91	NA	NA
AMD Ryzen Threadripper 1900X	15295	88	34.03	\$449.50
AMD Ryzen Threadripper 1920X	18189	46	25.99	\$699.99
AMD Ryzen Threadripper 1950X	22092	16	25.33	\$872.19
AMD Sempron 130	656	2181	26.29	\$24.99*
AMD Sempron 140	737	2141	18.62	\$39.59*
AMD Sempron 145	813	2112	8.57	\$94.92
AMD Sempron 150	707	2158	15.74	\$44.95
AMD Sempron 200U	267	2547	3.08	\$87.00*
AMD Sempron 210U	382	2396	NA	NA
AMD Sempron 2100+	392	2388	NA	NA
AMD Sempron 2200+	281	2531	9.38	\$29.99*
AMD Sempron 2300+	318	2464	7.07	\$45.00*
AMD Sempron 2400+	313	2473	11.62	\$27.00*
AMD Sempron 2500+	335	2449	4.20	\$79.95*
AMD Sempron 2600+	374	2406	12.49	\$29.95
AMD Sempron 2650 APU	940	2043	22.12	\$42.50

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2800+	384	2395	7.39	\$52.01
AMD Sempron 3000+	408	2364	8.18	\$49.95
AMD Sempron 3100+	452	2317	7.53	\$60.00*
AMD Sempron 3200+	404	2369	31.12	\$13.00*
AMD Sempron 3300+	484	2288	16.14	\$30.00
AMD Sempron 3400+	453	2316	15.15	\$29.91
AMD Sempron 3500+	384	2394	19.23	\$20.00
AMD Sempron 3600+	489	2276	40.78	\$12.00
AMD Sempron 3800+	554	2233	26.39	\$21.00*
AMD Sempron 3850 APU	1707	1615	44.72	\$38.18
AMD Sempron Dual Core 2100	924	2053	23.69	\$39.00*
AMD Sempron Dual Core 2200	995	2002	NA	NA
AMD Sempron Dual Core 2300	982	2012	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2035	NA	NA
AMD Sempron Dual Core 4900	1081	1951	NA	NA
AMD Sempron LE-250	490	2274	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron LE-1100	436	2338	NA	NA
AMD Sempron LE-1150	449	2320	NA	NA
AMD Sempron LE-1200	524	2250	NA	NA
AMD Sempron LE-1250	541	2239	6.77	\$79.95
AMD Sempron LE-1300	609	2202	40.61	\$15.00
AMD Sempron LE-1600	535	2245	NA	NA
AMD Sempron LE-1620	635	2191	NA	NA
AMD Sempron LE-1640	759	2131	NA	NA
AMD Sempron M100	558	2232	46.58	\$12.00
AMD Sempron M120	580	2219	NA	NA
AMD Sempron SI-40	443	2327	36.93	\$12.00*
AMD Sempron SI-42	453	2315	15.11	\$30.01
AMD Sempron X2 180	1222	1872	17.62	\$69.40*
AMD Sempron X2 190	1529	1706	18.33	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1763	NA	NA
AMD Turion 64 Mobile MK-36	465	2302	NA	NA
AMD Turion 64 Mobile MK-38	514	2257	NA	NA
AMD Turion 64 Mobile ML-28	390	2391	NA	NA
AMD Turion 64 Mobile ML-30	402	2373	NA	NA
AMD Turion 64 Mobile ML-32	410	2361	NA	NA
AMD Turion 64 Mobile ML-34	425	2350	NA	NA
AMD Turion 64 Mobile ML-37	441	2328	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	520	2253	NA	NA
AMD Turion 64 Mobile ML-42	615	2199	NA	NA
AMD Turion 64 Mobile ML-44	591	2211	NA	NA
AMD Turion 64 Mobile MT-28	419	2351	NA	NA
AMD Turion 64 Mobile MT-30	378	2399	NA	NA
AMD Turion 64 Mobile MT-32	426	2349	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile MT-34	429	2346	NA	NA
AMD Turion 64 Mobile MT-37	484	2287	NA	NA
AMD Turion 64 Mobile MT-40	536	2242	NA	NA
AMD Turion 64 X2 Mobile TL-50	753	2134	15.08	\$49.99*
AMD Turion 64 X2 Mobile TL-52	760	2129	NA	NA
AMD Turion 64 X2 Mobile TL-56	884	2075	44.21	\$20.00*
AMD Turion 64 X2 Mobile TL-58	941	2040	NA	NA
AMD Turion 64 X2 Mobile TL-60	992	2006	45.11	\$22.00
AMD Turion 64 X2 Mobile TL-62	1091	1942	3.51	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1105	1933	28.07	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1134	1920	3.00	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1149	1910	12.77	\$90.00*
AMD Turion Dual-Core RM-70	904	2068	60.27	\$15.00*
AMD Turion Dual-Core RM-72	860	2084	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	1985	NA	NA
AMD Turion Dual-Core RM-75	961	2025	35.02	\$27.46
AMD Turion II Dual-Core Mobile M500	1296	1822	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	1815	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1801	NA	NA
AMD Turion II N530 Dual-Core	1583	1687	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1713	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II Neo K625 Dual-Core	973	2014	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	1889	NA	NA
AMD Turion II Neo N40L Dual-Core	918	2060	NA	NA
AMD Turion II Neo N54L Dual-Core	1376	1777	NA	NA
AMD Turion II P520 Dual-Core	1359	1789	NA	NA
AMD Turion II P540 Dual-Core	1446	1749	28.96	\$49.96*
AMD Turion II P560 Dual-Core	1511	1720	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1408	1764	58.68	\$24.00*
AMD Turion II Ultra Dual-Core Mobile M620	1427	1757	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1645	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1705	NA	NA
AMD Turion Neo X2 Dual Core L625	820	2107	NA	NA
AMD Turion X2 Dual Core L510	923	2055	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2086	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	1960	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	990	2007	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1089	1944	4.86	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1055	1963	42.32	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1142	1918	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	1911	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1017	1984	72.67	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1081	1953	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	1877	94.53	\$12.84

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	1865	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1821	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1354	1792	33.92	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	1999	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	1977	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1743	NA	NA
AMD V105	286	2518	NA	NA
AMD V120	622	2198	NA	NA
AMD V140	643	2188	49.47	\$13.00*
AMD V160	681	2171	NA	NA
AMD Z-01	523	2251	NA	NA
AMD Z-60 APU	485	2284	NA	NA
AMD-K6 3D	90	2669	NA	NA
AMD-K6-III	108	2666	NA	NA
AMD-K7	403	2372	NA	NA
Athlon 64 Dual Core 3800+	1234	1866	NA	NA
Athlon 64 Dual Core 4200+	1156	1907	NA	NA
Athlon 64 Dual Core 4800+	1370	1780	NA	NA
Athlon 64 Dual Core 5000+	1507	1722	NA	NA
Athlon 64 Dual Core 5400+	1614	1672	NA	NA
Athlon 64 Dual Core 5600+	1548	1700	NA	NA
Athlon Dual Core 4050e	968	2019	NA	NA
Athlon Dual Core 4450e	1081	1952	NA	NA
Athlon Dual Core 4850e	1327	1806	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1177	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1086	1948	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Celeron Dual-Core T3100 @ 1.90GHz	1175	1893	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1212	1879	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1273	1843	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1882	NA	NA
HP Hexa-Core 2.0GHz	2178	1411	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2087	NA	NA
Intel 1400 @ 1.83GHz	980	2013	NA	NA
Intel 1500 @ 2.00GHz	1024	1979	NA	NA
Intel Atom 230 @ 1.60GHz	307	2482	NA	NA
Intel Atom 330 @ 1.60GHz	589	2212	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2072	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2026	NA	NA
Intel Atom C2550 @ 2.40GHz	2329	1346	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1416	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3805	911	16.40	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1027	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1079	14.72	\$214.86*
Intel Atom C3558 @ 2.20GHz	2538	1275	29.52	\$86.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C3955 @ 2.10GHz	5803	572	13.37	\$434.00*
Intel Atom D410 @ 1.66GHz	303	2489	0.48	\$635.99*
Intel Atom D425 @ 1.80GHz	343	2444	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	652	2182	6.71	\$97.16*
Intel Atom D525 @ 1.80GHz	703	2161	NA	NA
Intel Atom D2500 @ 1.86GHz	406	2367	NA	NA
Intel Atom D2550 @ 1.86GHz	675	2175	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2154	NA	NA
Intel Atom D2700 @ 2.13GHz	840	2096	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2149	NA	NA
Intel Atom E660 @ 1.30GHz	271	2544	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2439	NA	NA
Intel Atom E3815 @ 1.46GHz	362	2423	2.15	\$169.00
Intel Atom E3825 @ 1.33GHz	564	2230	8.03	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2277	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2091	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	1905	NA	NA
Intel Atom E3845 @ 1.91GHz	1489	1729	NA	NA
Intel Atom E3950 @ 1.60GHz	2034	1468	NA	NA
Intel Atom K510 @ 1.66GHz	658	2180	NA	NA
Intel Atom N270 @ 1.60GHz	270	2545	NA	NA
Intel Atom N280 @ 1.66GHz	283	2523	NA	NA
Intel Atom N435 @ 1.33GHz	236	2583	NA	NA
Intel Atom N450 @ 1.66GHz	300	2494	NA	NA
Intel Atom N455 @ 1.66GHz	284	2520	NA	NA
Intel Atom N470 @ 1.83GHz	307	2481	NA	NA
Intel Atom N475 @ 1.83GHz	314	2470	NA	NA
Intel Atom N550 @ 1.50GHz	523	2252	6.09	\$86.00*
Intel Atom N570 @ 1.66GHz	574	2223	6.68	\$86.00*
Intel Atom N2100 @ 1.60GHz	309	2478	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2248	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N2800 @ 1.86GHz	628	2196	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2062	14.32	\$64.00*
Intel Atom x5-E3930 @ 1.30GHz	811	2113	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1609	1676	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1202	1884	9.05	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1005	1994	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1286	1831	61.27	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1689	1632	27.01	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1870	1546	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1905	1519	25.88	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1937	1509	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2620	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2599	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z520 @ 1.33GHz	215	2602	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2530	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2436	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2397	NA	NA
Intel Atom Z670 @ 1.50GHz	249	2569	NA	NA
Intel Atom Z2760 @ 1.80GHz	567	2229	NA	NA
Intel Atom Z3735D @ 1.33GHz	916	2061	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2049	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	907	2067	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2065	NA	NA
Intel Atom Z3736F @ 1.33GHz	920	2058	NA	NA
Intel Atom Z3740 @ 1.33GHz	1061	1959	NA	NA
Intel Atom Z3740D @ 1.33GHz	1020	1982	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	1957	NA	NA
Intel Atom Z3745D @ 1.33GHz	1019	1983	NA	NA
Intel Atom Z3770 @ 1.46GHz	1243	1863	8.32	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2115	NA	NA
Intel Atom Z3775 @ 1.46GHz	1253	1855	35.83	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1839	NA	NA
Intel Atom Z3795 @ 1.60GHz	1768	1587	NA	NA
Intel Celeron 1.70GHz	130	2659	NA	NA
Intel Celeron 1.80GHz	136	2656	NA	NA
Intel Celeron 2.00GHz	184	2629	NA	NA
Intel Celeron 2.10GHz	244	2576	NA	NA
Intel Celeron 2.13GHz	208	2609	NA	NA
Intel Celeron 2.20GHz	213	2604	NA	NA
Intel Celeron 2.26GHz	223	2594	NA	NA
Intel Celeron 2.30GHz	227	2591	NA	NA
Intel Celeron 2.40GHz	217	2600	NA	NA
Intel Celeron 2.50GHz	247	2571	NA	NA
Intel Celeron 2.53GHz	245	2574	NA	NA
Intel Celeron 2.60GHz	238	2580	NA	NA
Intel Celeron 2.66GHz	252	2565	NA	NA
Intel Celeron 2.70GHz	245	2575	NA	NA
Intel Celeron 2.80GHz	254	2561	NA	NA
Intel Celeron 2.93GHz	285	2519	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3.06GHz	283	2524	NA	NA
Intel Celeron 3.20GHz	288	2511	NA	NA
Intel Celeron 3.33GHz	333	2452	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2460	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2463	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2318	2.00	\$225.00
Intel Celeron 430 @ 1.80GHz	491	2271	12.20	\$40.33
Intel Celeron 440 @ 2.00GHz	543	2237	6.80	\$79.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 450 @ 2.20GHz	629	2195	2.80	\$225.00
Intel Celeron 530 @ 1.73GHz	468	2299	20.37	\$23.00*
Intel Celeron 540 @ 1.86GHz	511	2260	NA	NA
Intel Celeron 550 @ 2.00GHz	505	2265	38.89	\$13.00*
Intel Celeron 560 @ 2.13GHz	535	2244	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	526	2247	NA	NA
Intel Celeron 600MHz	147	2653	NA	NA
Intel Celeron 723 @ 1.20GHz	408	2363	NA	NA
Intel Celeron 743 @ 1.30GHz	437	2336	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2136	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2412	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2200	NA	NA
Intel Celeron 847 @ 1.10GHz	936	2046	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1026	1978	NA	NA
Intel Celeron 857 @ 1.20GHz	1172	1899	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	1897	NA	NA
Intel Celeron 877 @ 1.40GHz	1288	1830	NA	NA
Intel Celeron 887 @ 1.50GHz	1294	1823	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2173	23.34	\$28.99
Intel Celeron 925 @ 2.30GHz	688	2166	NA	NA
Intel Celeron 1000M @ 1.80GHz	1671	1641	NA	NA
Intel Celeron 1000MHz	241	2578	NA	NA
Intel Celeron 1005M @ 1.90GHz	1821	1566	NA	NA
Intel Celeron 1007U @ 1.50GHz	1398	1767	7.56	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1520	1714	NA	NA
Intel Celeron 1019Y @ 1.00GHz	926	2051	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1395	NA	NA
Intel Celeron 1037U @ 1.80GHz	1734	1604	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1887	NA	NA
Intel Celeron 1066MHz	259	2555	NA	NA
Intel Celeron 1100MHz	174	2638	NA	NA
Intel Celeron 1133MHz	282	2525	NA	NA
Intel Celeron 1200MHz	244	2577	NA	NA
Intel Celeron 1300MHz	288	2514	NA	NA
Intel Celeron 1333MHz	290	2507	NA	NA
Intel Celeron 1400MHz	302	2490	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1339	NA	NA
Intel Celeron 2950M @ 2.00GHz	2008	1478	NA	NA
Intel Celeron 2955U @ 1.40GHz	1437	1754	NA	NA
Intel Celeron 2957U @ 1.40GHz	1453	1744	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	1930	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2970M @ 2.20GHz	2312	1353	NA	NA
Intel Celeron 2980U @ 1.60GHz	1576	1693	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1694	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3205U @ 1.50GHz	1547	1701	5.39	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1613	1674	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1620	NA	NA
Intel Celeron 3765U @ 1.90GHz	2038	1465	NA	NA
Intel Celeron 3855U @ 1.60GHz	1662	1649	NA	NA
Intel Celeron 3865U @ 1.80GHz	1978	1491	NA	NA
Intel Celeron 3955U @ 2.00GHz	1801	1575	NA	NA
Intel Celeron 3965U @ 2.20GHz	2470	1301	23.09	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1619	1667	15.14	\$107.00*
Intel Celeron @ 1.30GHz	965	2021	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2626	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2110	NA	NA
Intel Celeron B800 @ 1.50GHz	1281	1838	NA	NA
Intel Celeron B810 @ 1.60GHz	1394	1770	NA	NA
Intel Celeron B815 @ 1.60GHz	1368	1782	NA	NA
Intel Celeron B820 @ 1.70GHz	1429	1756	36.37	\$39.29
Intel Celeron B830 @ 1.80GHz	1529	1707	NA	NA
Intel Celeron B840 @ 1.90GHz	1725	1609	NA	NA
Intel Celeron D 347 @ 3.06GHz	272	2542	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2491	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2468	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2451	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2370	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2290	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2215	NA	NA
Intel Celeron E1200 @ 1.60GHz	860	2083	3.83	\$225.00
Intel Celeron E1400 @ 2.00GHz	1046	1967	13.08	\$79.95
Intel Celeron E1500 @ 2.20GHz	1165	1903	18.42	\$63.25*
Intel Celeron E1600 @ 2.40GHz	1260	1849	NA	NA
Intel Celeron E3200 @ 2.40GHz	1389	1772	26.72	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1391	1771	20.17	\$68.95
Intel Celeron E3400 @ 2.60GHz	1440	1753	4.30	\$335.00
Intel Celeron E3500 @ 2.70GHz	1454	1742	23.45	\$62.01
Intel Celeron G440 @ 1.60GHz	703	2162	5.63	\$125.00
Intel Celeron G460 @ 1.80GHz	1027	1973	15.81	\$65.00
Intel Celeron G465 @ 1.90GHz	1074	1956	13.43	\$80.00
Intel Celeron G470 @ 2.00GHz	1298	1820	NA	NA
Intel Celeron G530 @ 2.40GHz	2147	1424	41.72	\$51.49
Intel Celeron G530T @ 2.00GHz	1604	1678	NA	NA
Intel Celeron G540 @ 2.50GHz	2200	1405	48.91	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1437	NA	NA
Intel Celeron G550 @ 2.60GHz	2292	1364	114.66	\$19.99
Intel Celeron G550T @ 2.20GHz	2063	1456	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1316	48.45	\$50.00
Intel Celeron G1101 @ 2.27GHz	1667	1647	19.62	\$85.00*
Intel Celeron G1610 @ 2.60GHz	2494	1293	99.82	\$24.99

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)
Intel Celeron G1610T @ 2.30GHz	2303	1357	57.53	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2581	1263	16.81	\$153.59
Intel Celeron G1620T @ 2.40GHz	2353	1341	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2484	1299	35.49	\$69.99
Intel Celeron G1820 @ 2.70GHz	2769	1203	32.58	\$84.99*
Intel Celeron G1820T @ 2.40GHz	2505	1289	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1429	NA	NA
Intel Celeron G1830 @ 2.80GHz	2531	1278	35.66	\$70.99*
Intel Celeron G1840 @ 2.80GHz	2872	1171	37.55	\$76.50
Intel Celeron G1840T @ 2.50GHz	2605	1253	NA	NA
Intel Celeron G1850 @ 2.90GHz	2902	1161	36.28	\$80.00*
Intel Celeron G3900 @ 2.80GHz	3040	1117	72.16	\$42.14
Intel Celeron G3900E @ 2.40GHz	2679	1233	NA	NA
Intel Celeron G3900T @ 2.60GHz	2902	1162	NA	NA
Intel Celeron G3920 @ 2.90GHz	3412	1007	75.84	\$44.99
Intel Celeron G3930 @ 2.90GHz	3070	1105	NA	NA
Intel Celeron G3950 @ 3.00GHz	3334	1030	46.82	\$71.22*
Intel Celeron G4900T @ 2.90GHz	2960	1140	NA	NA
Intel Celeron J1750 @ 2.41GHz	1037	1972	NA	NA
Intel Celeron J1800 @ 2.41GHz	1027	1974	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1673	NA	NA
Intel Celeron J1900 @ 1.99GHz	1860	1547	NA	NA
Intel Celeron J3060 @ 1.60GHz	983	2011	NA	NA
Intel Celeron J3160 @ 1.60GHz	1782	1581	NA	NA
Intel Celeron J3355 @ 2.00GHz	1258	1850	NA	NA
Intel Celeron J3455 @ 1.50GHz	2145	1425	9.21	\$232.91*
Intel Celeron M 1.00GHz	207	2611	17.29	\$11.99
Intel Celeron M 1.30GHz	316	2467	NA	NA
Intel Celeron M 1.50GHz	343	2443	NA	NA
Intel Celeron M 1.60GHz	365	2419	NA	NA
Intel Celeron M 1.70GHz	393	2387	NA	NA
Intel Celeron M 360 1.40GHz	327	2457	NA	NA
Intel Celeron M 410 @ 1.46GHz	316	2466	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2446	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2416	NA	NA
Intel Celeron M 440 @ 1.86GHz	412	2357	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2562	NA	NA
Intel Celeron M 450 @ 2.00GHz	455	2313	NA	NA
Intel Celeron M 520 @ 1.60GHz	434	2342	NA	NA
Intel Celeron M 530 @ 1.73GHz	459	2309	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2238	NA	NA
Intel Celeron M 600MHz	151	2651	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2312	NA	NA
Intel Celeron M 900MHz	207	2610	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 1200MHz	275	2540	NA	NA
Intel Celeron M 1300MHz	303	2487	NA	NA
Intel Celeron M 1500MHz	332	2454	NA	NA
Intel Celeron M ULV 800MHz	184	2631	NA	NA
Intel Celeron N2805 @ 1.46GHz	454	2314	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2806 @ 1.60GHz	782	2120	NA	NA
Intel Celeron N2807 @ 1.58GHz	851	2090	NA	NA
Intel Celeron N2808 @ 1.58GHz	923	2057	NA	NA
Intel Celeron N2810 @ 2.00GHz	777	2123	5.55	\$139.99
Intel Celeron N2815 @ 1.86GHz	862	2082	NA	NA
Intel Celeron N2820 @ 2.13GHz	951	2032	5.01	\$190.00
Intel Celeron N2830 @ 2.16GHz	951	2031	NA	NA
Intel Celeron N2840 @ 2.16GHz	1006	1992	NA	NA
Intel Celeron N2910 @ 1.60GHz	1208	1881	NA	NA
Intel Celeron N2920 @ 1.86GHz	1518	1716	NA	NA
Intel Celeron N2930 @ 1.83GHz	1636	1661	NA	NA
Intel Celeron N2940 @ 1.83GHz	1733	1605	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2069	NA	NA
Intel Celeron N3010 @ 1.04GHz	936	2045	NA	NA
Intel Celeron N3050 @ 1.60GHz	885	2074	2.95	\$299.99*
Intel Celeron N3060 @ 1.60GHz	993	2005	NA	NA
Intel Celeron N3150 @ 1.60GHz	1656	1653	NA	NA
Intel Celeron N3160 @ 1.60GHz	1698	1623	5.82	\$291.98
Intel Celeron N3350 @ 1.10GHz	1125	1922	NA	NA
Intel Celeron N3450 @ 1.10GHz	1829	1563	10.87	\$168.25
Intel Celeron P4500 @ 1.87GHz	1139	1919	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2004	NA	NA
Intel Celeron P4600 @ 2.00GHz	1340	1797	NA	NA
Intel Celeron SU2300 @ 1.20GHz	772	2125	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2034	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	1961	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1618	NA	NA
Intel Celeron U3400 @ 1.07GHz	735	2142	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2168	NA	NA
Intel Celeron U3600 @ 1.20GHz	805	2114	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1047	1965	6.63	\$157.95
Intel Core2 Duo E4400 @ 2.00GHz	1161	1906	7.36	\$157.95
Intel Core2 Duo E4500 @ 2.20GHz	1274	1841	8.07	\$157.95
Intel Core2 Duo E4600 @ 2.40GHz	1386	1773	8.77	\$157.95
Intel Core2 Duo E4700 @ 2.60GHz	1483	1732	14.83	\$100.00*
Intel Core2 Duo E6300 @ 1.86GHz	1110	1929	7.03	\$157.95
Intel Core2 Duo E6320 @ 1.86GHz	1183	1891	7.49	\$157.95
Intel Core2 Duo E6400 @ 2.13GHz	1293	1824	8.19	\$157.95
Intel Core2 Duo E6420 @ 2.13GHz	1363	1785	8.63	\$157.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6540 @ 2.33GHz	1457	1741	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1499	1726	9.49	\$157.95
Intel Core2 Duo E6600 @ 2.40GHz	1553	1699	9.84	\$157.95
Intel Core2 Duo E6700 @ 2.66GHz	1695	1628	14.62	\$115.99
Intel Core2 Duo E6750 @ 2.66GHz	1718	1611	7.64	\$225.00
Intel Core2 Duo E6850 @ 3.00GHz	1951	1502	29.80	\$65.50
Intel Core2 Duo E7200 @ 2.53GHz	1635	1663	10.35	\$157.95
Intel Core2 Duo E7300 @ 2.66GHz	1726	1608	7.67	\$225.00
Intel Core2 Duo E7400 @ 2.80GHz	1775	1584	11.24	\$157.95
Intel Core2 Duo E7500 @ 2.93GHz	1877	1540	134.20	\$13.99
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	1988	1489	16.58	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1523	1712	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1765	1589	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1887	1534	11.95	\$157.95
Intel Core2 Duo E8235 @ 2.80GHz	1953	1500	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1340	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1999	1483	142.95	\$13.99
Intel Core2 Duo E8335 @ 2.66GHz	1846	1554	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1431	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2154	1419	110.49	\$19.50
Intel Core2 Duo E8435 @ 3.06GHz	2127	1432	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2286	1368	114.37	\$19.99
Intel Core2 Duo E8600 @ 3.33GHz	2412	1320	104.94	\$22.99
Intel Core2 Duo E8700 @ 3.50GHz	2212	1400	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	746	2138	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2169	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	841	2095	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2092	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	966	2020	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	965	2022	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	1924	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	1958	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1339	1798	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1292	1826	64.68	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1301	1818	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1422	1760	35.57	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2036	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1524	1710	6.63	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1450	1746	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	1981	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1458	1739	4.91	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1540	1704	31.32	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1629	1665	42.89	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1745	1599	30.64	\$56.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P9300 @ 2.26GHz	1565	1697	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1765	1588	1.77	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1768	1586	17.86	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1876	1542	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2012	1476	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2213	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1267	1847	5.01	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1672	1639	5.89	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	931	2047	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	832	2100	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	832	2101	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	820	2106	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	936	2044	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2063	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2066	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	2056	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1046	1966	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1026	1975	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	987	2010	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1094	1941	109.53	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1110	1928	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1187	1888	74.70	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1144	1916	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	1878	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1224	1869	81.67	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1286	1832	85.83	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1254	1854	32.59	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1365	1784	72.23	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1369	1781	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1012	1987	46.04	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1165	1904	11.66	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1112	1927	5.52	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1194	1885	38.56	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1245	1862	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1274	1840	29.66	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1376	1778	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1417	1761	30.17	\$46.99*
Intel Core2 Duo T7800 @ 2.60GHz	1615	1670	2.66	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1293	1825	1.29	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1480	1734	6.92	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1667	1646	28.76	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1739	1603	24.87	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1819	1570	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1802	1573	6.03	\$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	1515	29.66	\$64.99*
Intel Core2 Duo T9800 @ 2.93GHz	2019	1474	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2124	1433	5.32	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	869	2080	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	582	2217	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	664	2177	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	713	2153	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2085	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1132	1921	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1633	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	950	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3644	951	2.44	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3463	997	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1882	1536	7.14	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1574	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1804	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1693	1630	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1899	1525	NA	NA
Intel Core2 Extreme X9100 @ 3.06GHz	2047	1462	2.41	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4167	841	4.58	\$909.00*
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	4597	756	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4611	751	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	742	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2959	1141	18.74	\$157.95
Intel Core2 Quad Q6700 @ 2.66GHz	3289	1039	121.87	\$26.99
Intel Core2 Quad Q8200 @ 2.33GHz	2816	1189	122.49	\$22.99
Intel Core2 Quad Q8300 @ 2.50GHz	2990	1131	19.29	\$155.00
Intel Core2 Quad Q8400 @ 2.66GHz	3181	1071	35.55	\$89.50*
Intel Core2 Quad Q9000 @ 2.00GHz	2528	1279	6.50	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3239	1056	8.39	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3165	1078	126.65	\$24.99
Intel Core2 Quad Q9400 @ 2.66GHz	3356	1026	111.91	\$29.99
Intel Core2 Quad Q9450 @ 2.66GHz	3767	924	11.25	\$335.00
Intel Core2 Quad Q9500 @ 2.83GHz	3560	973	104.76	\$33.99
Intel Core2 Quad Q9505 @ 2.83GHz	3586	965	18.88	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3982	875	84.76	\$46.99
Intel Core2 Quad Q9650 @ 3.00GHz	4187	836	45.03	\$92.99*
Intel Core2 Quad Q9705 @ 3.16GHz	3947	879	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	303	2486	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2476	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2354	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	466	2301	NA	NA
Intel Core 330 @ 1.60GHz	643	2186	NA	NA
Intel Core 860 @ 2.80GHz	4555	767	14.74	\$309.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo L2300 @ 1.50GHz	719	2150	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2155	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2145	NA	NA
Intel Core Duo T2050 @ 1.60GHz	698	2164	NA	NA
Intel Core Duo T2250 @ 1.73GHz	758	2132	NA	NA
Intel Core Duo T2300 @ 1.66GHz	731	2143	NA	NA
Intel Core Duo T2350 @ 1.86GHz	760	2128	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2116	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	826	2104	NA	NA
Intel Core Duo T2500 @ 2.00GHz	870	2078	7.25	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	942	2039	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	1980	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2236	NA	NA
Intel Core Duo U2500 @ 1.20GHz	517	2254	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1510	NA	NA
Intel Core i3-330M @ 2.13GHz	1791	1579	36.89	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1074	1955	NA	NA
Intel Core i3-350M @ 2.27GHz	1895	1528	48.60	\$39.00
Intel Core i3-370M @ 2.40GHz	2017	1475	50.50	\$39.96
Intel Core i3-380M @ 2.53GHz	2095	1445	42.76	\$49.00*
Intel Core i3-380UM @ 1.33GHz	1166	1902	NA	NA
Intel Core i3-390M @ 2.67GHz	2176	1414	55.87	\$38.95*
Intel Core i3-530 @ 2.93GHz	2575	1264	128.79	\$20.00
Intel Core i3-540 @ 3.07GHz	2689	1230	128.08	\$21.00
Intel Core i3-550 @ 3.20GHz	2827	1180	28.34	\$99.75
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	2973	1135	16.52	\$179.95
Intel Core i3-2100 @ 3.10GHz	3681	944	122.73	\$30.00
Intel Core i3-2100T @ 2.50GHz	2922	1153	24.35	\$119.99
Intel Core i3-2102 @ 3.10GHz	3736	933	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3721	934	31.54	\$118.00
Intel Core i3-2120 @ 3.30GHz	3919	887	68.77	\$56.99
Intel Core i3-2120T @ 2.60GHz	3150	1086	27.88	\$113.00
Intel Core i3-2125 @ 3.30GHz	4018	865	23.78	\$169.00
Intel Core i3-2130 @ 3.40GHz	4061	855	37.09	\$109.50
Intel Core i3-2140 @ 3.50GHz	4325	812	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1176	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2426	1314	53.94	\$44.99
Intel Core i3-2312M @ 2.10GHz	2381	1331	NA	NA
Intel Core i3-2328M @ 2.20GHz	2535	1277	27.27	\$92.97
Intel Core i3-2330E @ 2.20GHz	3073	1103	NA	NA
Intel Core i3-2330M @ 2.20GHz	2524	1281	50.54	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1329	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1610	NA	NA
Intel Core i3-2348M @ 2.30GHz	2619	1248	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2350M @ 2.30GHz	2619	1249	62.41	\$41.97*
Intel Core i3-2357M @ 1.30GHz	1589	1686	NA	NA
Intel Core i3-2365M @ 1.40GHz	1678	1637	NA	NA
Intel Core i3-2367M @ 1.40GHz	1703	1619	NA	NA
Intel Core i3-2370M @ 2.40GHz	2766	1206	46.89	\$59.00
Intel Core i3-2375M @ 1.50GHz	1773	1585	NA	NA
Intel Core i3-2377M @ 1.50GHz	1830	1562	NA	NA
Intel Core i3-3110M @ 2.40GHz	3073	1102	38.45	\$79.95
Intel Core i3-3120M @ 2.50GHz	3217	1061	20.11	\$160.00
Intel Core i3-3130M @ 2.60GHz	3374	1021	NA	NA
Intel Core i3-3210 @ 3.20GHz	4034	862	36.67	\$110.00
Intel Core i3-3217U @ 1.80GHz	2301	1359	6.63	\$347.12*
Intel Core i3-3217UE @ 1.60GHz	2162	1417	NA	NA
Intel Core i3-3220 @ 3.30GHz	4231	826	65.62	\$64.49
Intel Core i3-3220T @ 2.80GHz	3700	942	22.36	\$165.50
Intel Core i3-3225 @ 3.30GHz	4337	808	16.46	\$263.50
Intel Core i3-3227U @ 1.90GHz	2465	1304	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1694	1629	NA	NA
Intel Core i3-3240 @ 3.40GHz	4310	813	63.40	\$67.99
Intel Core i3-3240T @ 2.90GHz	3662	949	NA	NA
Intel Core i3-3245 @ 3.40GHz	4424	786	37.50	\$118.00
Intel Core i3-3250 @ 3.50GHz	4445	782	28.68	\$154.99*
Intel Core i3-3250T @ 3.00GHz	3021	1119	NA	NA
Intel Core i3-4000M @ 2.40GHz	3235	1057	16.18	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2448	1307	NA	NA
Intel Core i3-4010U @ 1.70GHz	2442	1310	19.65	\$124.31
Intel Core i3-4010Y @ 1.30GHz	1897	1526	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2188	1409	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2203	1404	NA	NA
Intel Core i3-4025U @ 1.90GHz	2777	1200	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	2705	1225	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1288	NA	NA
Intel Core i3-4100M @ 2.50GHz	3485	990	15.94	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	894	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1163	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1113	NA	NA
Intel Core i3-4130 @ 3.40GHz	4795	722	27.88	\$172.00
Intel Core i3-4130T @ 2.90GHz	4133	847	46.45	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4899	701	24.82	\$197.42
Intel Core i3-4150T @ 3.00GHz	4251	822	18.49	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1155	NA	NA
Intel Core i3-4160 @ 3.60GHz	5054	673	37.06	\$136.40
Intel Core i3-4160T @ 3.10GHz	4382	796	30.86	\$141.99*
Intel Core i3-4170 @ 3.70GHz	5185	653	37.31	\$139.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4170T @ 3.20GHz	4578	760	30.53	\$149.95
Intel Core i3-4330 @ 3.50GHz	5089	665	15.01	\$339.19
Intel Core i3-4330T @ 3.00GHz	4482	780	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3161	1080	NA	NA
Intel Core i3-4340 @ 3.60GHz	5240	648	24.04	\$218.01*
Intel Core i3-4350 @ 3.60GHz	4963	690	15.61	\$318.00
Intel Core i3-4350T @ 3.10GHz	4302	815	NA	NA
Intel Core i3-4360 @ 3.70GHz	5468	616	19.53	\$279.95
Intel Core i3-4360T @ 3.20GHz	4636	746	NA	NA
Intel Core i3-4370 @ 3.80GHz	5598	599	12.14	\$461.00
Intel Core i3-4370T @ 3.30GHz	4832	713	35.02	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	698	NA	NA
Intel Core i3-5005U @ 2.00GHz	2909	1157	NA	NA
Intel Core i3-5010U @ 2.10GHz	3057	1110	10.06	\$303.93*
Intel Core i3-5015U @ 2.10GHz	3035	1118	NA	NA
Intel Core i3-5020U @ 2.20GHz	3185	1070	6.94	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	948	NA	NA
Intel Core i3-6006U @ 2.00GHz	3156	1084	NA	NA
Intel Core i3-6098P @ 3.60GHz	5537	607	41.41	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5494	610	47.93	\$114.64
Intel Core i3-6100E @ 2.70GHz	3769	923	NA	NA
Intel Core i3-6100H @ 2.70GHz	4212	829	NA	NA
Intel Core i3-6100T @ 3.20GHz	4843	710	42.60	\$113.70
Intel Core i3-6100TE @ 2.70GHz	4341	806	NA	NA
Intel Core i3-6100U @ 2.30GHz	3585	966	6.96	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3830	904	NA	NA
Intel Core i3-6300 @ 3.80GHz	5856	566	42.57	\$137.57
Intel Core i3-6300T @ 3.30GHz	5253	647	31.47	\$166.95
Intel Core i3-6320 @ 3.90GHz	6046	548	36.48	\$165.76
Intel Core i3-7100 @ 3.90GHz	5802	573	50.46	\$114.99
Intel Core i3-7100H @ 3.00GHz	4776	723	21.23	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5059	671	NA	NA
Intel Core i3-7100U @ 2.40GHz	3778	920	NA	NA
Intel Core i3-7101TE @ 3.40GHz	5016	681	42.88	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4171	838	14.85	\$281.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7300 @ 4.00GHz	6442	510	40.55	\$158.89*
Intel Core i3-7300T @ 3.50GHz	5366	630	NA	NA
Intel Core i3-7320 @ 4.10GHz	6557	499	36.45	\$179.90*
Intel Core i3-7350K @ 4.20GHz	6623	494	38.63	\$171.45
Intel Core i3-8100 @ 3.60GHz	8078	371	67.95	\$118.90
Intel Core i3-8130U @ 2.20GHz	5286	644	18.81	\$281.00*
Intel Core i3-8350K @ 4.00GHz	9207	290	52.62	\$174.99
Intel Core i5 750S @ 2.40GHz	2197	1406	8.72	\$252.01
Intel Core i5 E 520 @ 2.40GHz	2486	1298	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7Y54 @ 1.20GHz	3618	954	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3777	921	NA	NA
Intel Core i5-430M @ 2.27GHz	2101	1444	15.02	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1339	1799	NA	NA
Intel Core i5-450M @ 2.40GHz	2110	1439	66.07	\$31.95*
Intel Core i5-460M @ 2.53GHz	2333	1345	31.13	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1273	1842	NA	NA
Intel Core i5-480M @ 2.67GHz	2411	1321	29.92	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1391	NA	NA
Intel Core i5-520M @ 2.40GHz	2374	1333	39.58	\$59.99*
Intel Core i5-520UM @ 1.07GHz	1356	1791	NA	NA
Intel Core i5-540M @ 2.53GHz	2449	1306	12.90	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1400	1766	NA	NA
Intel Core i5-560M @ 2.67GHz	2590	1258	28.80	\$89.97*
Intel Core i5-560UM @ 1.33GHz	1664	1648	NA	NA
Intel Core i5-580M @ 2.67GHz	2623	1245	23.86	\$109.95*
Intel Core i5-650 @ 3.20GHz	3107	1094	26.98	\$115.20
Intel Core i5-655K @ 3.20GHz	3399	1014	NA	NA
Intel Core i5-660 @ 3.33GHz	3258	1049	22.64	\$143.95
Intel Core i5-661 @ 3.33GHz	3186	1069	12.65	\$252.01
Intel Core i5-670 @ 3.47GHz	3312	1035	13.15	\$252.01
Intel Core i5-680 @ 3.60GHz	3506	985	12.89	\$272.01
Intel Core i5-750 @ 2.67GHz	3703	940	21.05	\$175.99
Intel Core i5-760 @ 2.80GHz	3897	891	17.17	\$227.00
Intel Core i5-2300 @ 2.80GHz	5349	636	53.50	\$99.99
Intel Core i5-2310 @ 2.90GHz	5524	609	84.99	\$65.00*
Intel Core i5-2320 @ 3.00GHz	5755	579	28.00	\$205.55
Intel Core i5-2380P @ 3.10GHz	5679	587	31.55	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4260	820	42.65	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5941	555	67.52	\$88.00
Intel Core i5-2400S @ 2.50GHz	4939	696	86.66	\$57.00
Intel Core i5-2405S @ 2.50GHz	5029	677	30.59	\$164.40*
Intel Core i5-2410M @ 2.30GHz	3165	1076	43.97	\$72.00
Intel Core i5-2415M @ 2.30GHz	3299	1038	NA	NA
Intel Core i5-2430M @ 2.40GHz	3280	1041	16.41	\$199.95*
Intel Core i5-2435M @ 2.40GHz	3225	1058	NA	NA
Intel Core i5-2450M @ 2.50GHz	3400	1012	26.16	\$130.00*
Intel Core i5-2450P @ 3.20GHz	6132	539	31.45	\$195.00*
Intel Core i5-2467M @ 1.60GHz	2335	1344	NA	NA
Intel Core i5-2500 @ 3.30GHz	6322	523	31.77	\$199.02
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2500K @ 3.30GHz	6472	506	13.21	\$489.95
Intel Core i5-2500S @ 2.70GHz	5298	643	39.04	\$135.70
Intel Core i5-2500T @ 2.30GHz	4680	737	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	945	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2515E @ 2.50GHz	3313	1034	NA	NA
Intel Core i5-2520M @ 2.50GHz	3583	967	21.13	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2084	1451	NA	NA
Intel Core i5-2540M @ 2.60GHz	3784	918	54.10	\$69.95
Intel Core i5-2550K @ 3.40GHz	6702	483	51.96	\$129.00
Intel Core i5-2557M @ 1.70GHz	2651	1239	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	928	NA	NA
Intel Core i5-3210M @ 2.50GHz	3819	907	31.75	\$120.29
Intel Core i5-3230M @ 2.60GHz	3935	885	15.77	\$249.65*
Intel Core i5-3317U @ 1.70GHz	3089	1098	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4109	851	33.48	\$122.74*
Intel Core i5-3330 @ 3.00GHz	5920	558	16.45	\$359.95
Intel Core i5-3330S @ 2.70GHz	5661	589	25.21	\$224.59*
Intel Core i5-3335S @ 2.70GHz	5788	574	NA	NA
Intel Core i5-3337U @ 1.80GHz	3216	1062	14.30	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2228	1396	NA	NA
Intel Core i5-3340 @ 3.10GHz	6076	545	33.20	\$183.01
Intel Core i5-3340M @ 2.70GHz	4239	825	53.02	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5810	571	18.16	\$320.00
Intel Core i5-3350P @ 3.10GHz	6139	536	21.25	\$289.00
Intel Core i5-3360M @ 2.80GHz	4426	785	45.14	\$98.08*
Intel Core i5-3380M @ 2.90GHz	4419	788	NA	NA
Intel Core i5-3427U @ 1.80GHz	3543	975	8.44	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3628	953	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1152	NA	NA
Intel Core i5-3450 @ 3.10GHz	6508	503	32.54	\$200.00
Intel Core i5-3450S @ 2.80GHz	6184	530	36.62	\$168.90
Intel Core i5-3470 @ 3.20GHz	6674	488	52.51	\$127.10
Intel Core i5-3470S @ 2.90GHz	6331	522	43.68	\$144.96
Intel Core i5-3470T @ 2.90GHz	4500	777	19.95	\$225.57*
Intel Core i5-3475S @ 2.90GHz	6496	504	75.62	\$85.90*
Intel Core i5-3550 @ 3.30GHz	6919	471	27.31	\$253.40
Intel Core i5-3550S @ 3.00GHz	6845	474	29.70	\$230.51
Intel Core i5-3570 @ 3.40GHz	7085	456	29.90	\$237.00
Intel Core i5-3570K @ 3.40GHz	7166	446	24.29	\$294.99
Intel Core i5-3570S @ 3.10GHz	6684	486	23.45	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5877	563	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3786	917	NA	NA
Intel Core i5-4200H @ 2.80GHz	4438	783	NA	NA
Intel Core i5-4200M @ 2.50GHz	4038	861	22.44	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3283	1040	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1323	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2261	1383	NA	NA
Intel Core i5-4210H @ 2.90GHz	4547	769	NA	NA
Intel Core i5-4210M @ 2.60GHz	4190	834	13.52	\$309.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4210U @ 1.70GHz	3400	1013	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2369	1335	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1382	NA	NA
Intel Core i5-4250U @ 1.30GHz	3455	999	9.63	\$358.99
Intel Core i5-4258U @ 2.40GHz	4096	852	NA	NA
Intel Core i5-4260U @ 1.40GHz	3593	961	NA	NA
Intel Core i5-4278U @ 2.60GHz	4358	802	NA	NA
Intel Core i5-4288U @ 2.60GHz	4355	803	NA	NA
Intel Core i5-4300M @ 2.60GHz	4401	790	NA	NA
Intel Core i5-4300U @ 1.90GHz	3743	932	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2503	1291	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2973	1134	NA	NA
Intel Core i5-4308U @ 2.80GHz	4141	846	NA	NA
Intel Core i5-4310M @ 2.70GHz	4597	755	NA	NA
Intel Core i5-4310U @ 2.00GHz	3706	937	NA	NA
Intel Core i5-4330M @ 2.80GHz	4590	758	16.69	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4810	719	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	956	NA	NA
Intel Core i5-4400E @ 2.70GHz	1271	1845	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	880	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1193	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6300	524	26.70	\$235.95
Intel Core i5-4430S @ 2.70GHz	5910	561	39.94	\$147.99*
Intel Core i5-4440 @ 3.10GHz	6482	505	8.22	\$788.14
Intel Core i5-4440S @ 2.80GHz	6184	529	19.95	\$309.99*
Intel Core i5-4460 @ 3.20GHz	6700	485	35.64	\$187.99
Intel Core i5-4460S @ 2.90GHz	6395	519	9.69	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4953	692	NA	NA
Intel Core i5-4570 @ 3.20GHz	7100	455	31.19	\$227.65
Intel Core i5-4570R @ 2.70GHz	6700	484	NA	NA
Intel Core i5-4570S @ 2.90GHz	6763	480	16.50	\$409.95
Intel Core i5-4570T @ 2.90GHz	4815	716	13.94	\$345.50*
Intel Core i5-4570TE @ 2.70GHz	4008	869	14.93	\$268.42*
Intel Core i5-4590 @ 3.30GHz	7277	438	29.00	\$250.95
Intel Core i5-4590S @ 3.00GHz	6991	462	18.90	\$369.98*
Intel Core i5-4590T @ 2.00GHz	5609	596	NA	NA
Intel Core i5-4670 @ 3.40GHz	7416	427	27.11	\$273.54
Intel Core i5-4670K @ 3.40GHz	7629	409	20.08	\$379.95
Intel Core i5-4670K CPT @ 3.40GHz	7411	428	NA	NA
Intel Core i5-4670S @ 3.10GHz	6436	512	NA	NA
Intel Core i5-4670T @ 2.30GHz	6234	525	29.69	\$209.99*
Intel Core i5-4690 @ 3.50GHz	7637	408	24.64	\$309.95
Intel Core i5-4690K @ 3.50GHz	7790	394	19.11	\$407.70
Intel Core i5-4690S @ 3.20GHz	7431	425	13.06	\$569.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4690T @ 2.50GHz	6429	515	NA	NA
Intel Core i5-5200U @ 2.20GHz	3492	986	NA	NA
Intel Core i5-5250U @ 1.60GHz	3595	960	8.14	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4398	791	NA	NA
Intel Core i5-5287U @ 2.90GHz	4681	736	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-5300U @ 2.30GHz	3790	914	7.65	\$495.14*
Intel Core i5-5350U @ 1.80GHz	3316	1033	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	424	NA	NA
Intel Core i5-5675C @ 3.10GHz	8182	362	15.98	\$512.08*
Intel Core i5-5675R @ 3.10GHz	8061	372	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4166	842	NA	NA
Intel Core i5-6200U @ 2.30GHz	4013	866	NA	NA
Intel Core i5-6260U @ 1.80GHz	4362	801	8.41	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4956	691	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	727	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6073	546	NA	NA
Intel Core i5-6300U @ 2.40GHz	4365	799	NA	NA
Intel Core i5-6360U @ 2.00GHz	4836	711	NA	NA
Intel Core i5-6400 @ 2.70GHz	6761	481	37.48	\$180.39
Intel Core i5-6400T @ 2.20GHz	5605	597	33.17	\$169.00
Intel Core i5-6402P @ 2.80GHz	7360	432	38.74	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	575	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6785	478	NA	NA
Intel Core i5-6500 @ 3.20GHz	7233	440	38.07	\$189.98
Intel Core i5-6500T @ 2.50GHz	6230	526	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6585	497	NA	NA
Intel Core i5-6600 @ 3.30GHz	7755	397	34.37	\$225.65
Intel Core i5-6600K @ 3.50GHz	8045	376	31.21	\$257.81
Intel Core i5-6600T @ 2.70GHz	7302	437	36.51	\$199.99
Intel Core i5-7200U @ 2.50GHz	4651	741	NA	NA
Intel Core i5-7260U @ 2.20GHz	5712	584	NA	NA
Intel Core i5-7267U @ 3.10GHz	5060	670	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6851	473	NA	NA
Intel Core i5-7300U @ 2.60GHz	5135	657	NA	NA
Intel Core i5-7360U @ 2.30GHz	5960	553	NA	NA
Intel Core i5-7400 @ 3.00GHz	7391	429	41.20	\$179.40
Intel Core i5-7400T @ 2.40GHz	6448	508	40.55	\$159.00
Intel Core i5-7440HQ @ 2.80GHz	7974	382	NA	NA
Intel Core i5-7500 @ 3.40GHz	8085	370	41.47	\$194.99
Intel Core i5-7500T @ 2.70GHz	7144	449	36.38	\$196.37
Intel Core i5-7600 @ 3.50GHz	8858	321	40.46	\$218.95
Intel Core i5-7600K @ 3.80GHz	9151	295	39.52	\$231.58
Intel Core i5-7600T @ 2.80GHz	8163	364	37.33	\$218.68
Intel Core i5-7640X @ 4.00GHz	9430	274	47.39	\$198.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8250U @ 1.60GHz	7627	410	NA	NA
Intel Core i5-8350U @ 1.70GHz	8639	337	29.09	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11778	164	63.66	\$185.03
Intel Core i5-8500 @ 3.00GHz	12485	149	60.91	\$204.99*
Intel Core i5-8500T @ 2.10GHz	10499	198	53.88	\$194.87*
Intel Core i5-8600K @ 3.60GHz	12790	141	53.52	\$238.99
Intel Core i5-8600T @ 2.30GHz	10622	194	49.87	\$213.00*
Intel Core i5-24050S @ 2.50GHz	4928	699	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3797	913	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1495	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-610E @ 2.53GHz	2544	1273	NA	NA
Intel Core i7-620LM @ 2.00GHz	1952	1501	NA	NA
Intel Core i7-620M @ 2.67GHz	2729	1220	24.81	\$110.01
Intel Core i7-620UM @ 1.07GHz	1323	1808	NA	NA
Intel Core i7-640LM @ 2.13GHz	2246	1389	NA	NA
Intel Core i7-640M @ 2.80GHz	2849	1175	17.82	\$159.95
Intel Core i7-640UM @ 1.20GHz	1672	1640	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1600	NA	NA
Intel Core i7-680UM @ 1.47GHz	1686	1634	NA	NA
Intel Core i7-720QM @ 1.60GHz	3020	1120	27.47	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3200	1066	29.11	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3243	1054	23.33	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3408	1009	11.75	\$289.97*
Intel Core i7-860 @ 2.80GHz	5024	679	17.92	\$280.46
Intel Core i7-860S @ 2.53GHz	4711	731	11.16	\$422.01
Intel Core i7-870 @ 2.93GHz	5365	632	17.31	\$309.95
Intel Core i7-870S @ 2.67GHz	4969	689	NA	NA
Intel Core i7-875K @ 2.93GHz	5449	621	11.21	\$486.01
Intel Core i7-880 @ 3.07GHz	5679	586	9.74	\$583.00*
Intel Core i7-920 @ 2.67GHz	4938	697	14.74	\$335.00
Intel Core i7-920XM @ 2.00GHz	3783	919	22.86	\$165.55*
Intel Core i7-930 @ 2.80GHz	5154	655	10.13	\$508.95
Intel Core i7-940 @ 2.93GHz	5377	628	17.98	\$299.00
Intel Core i7-940XM @ 2.13GHz	3937	884	NA	NA
Intel Core i7-950 @ 3.07GHz	5571	601	17.97	\$309.95
Intel Core i7-960 @ 3.20GHz	5841	569	20.21	\$288.99
Intel Core i7-965 @ 3.20GHz	5863	564	16.33	\$359.00
Intel Core i7-970 @ 3.20GHz	8415	350	15.30	\$550.00
Intel Core i7-975 @ 3.33GHz	6135	537	9.35	\$656.01
Intel Core i7-980 @ 3.33GHz	8692	332	12.42	\$699.99
Intel Core i7-980X @ 3.33GHz	8826	326	11.03	\$799.99
Intel Core i7-985 @ 3.47GHz	6641	491	NA	NA
Intel Core i7-990X @ 3.47GHz	9119	298	17.92	\$509.00
Intel Core i7-995X @ 3.60GHz	9791	247	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2600 @ 3.40GHz	8204	360	43.18	\$189.99
Intel Core i7-2600K @ 3.40GHz	8457	348	19.40	\$436.00
Intel Core i7-2600S @ 2.80GHz	7076	458	20.33	\$348.00
Intel Core i7-2610UE @ 1.50GHz	2481	1300	NA	NA
Intel Core i7-2617M @ 1.50GHz	2818	1186	NA	NA
Intel Core i7-2620M @ 2.70GHz	3834	902	21.40	\$179.21*
Intel Core i7-2630QM @ 2.00GHz	5541	606	42.96	\$129.00*
Intel Core i7-2630UM @ 1.60GHz	2584	1260	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5460	618	NA	NA
Intel Core i7-2637M @ 1.70GHz	2904	1160	NA	NA
Intel Core i7-2640M @ 2.80GHz	3932	886	21.14	\$185.97
Intel Core i7-2655LE @ 2.20GHz	3161	1081	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5906	562	43.82	\$134.79*
Intel Core i7-2675QM @ 2.20GHz	5544	605	NA	NA
Intel Core i7-2677M @ 1.80GHz	2834	1178	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2700K @ 3.50GHz	8731	329	28.26	\$309.00
Intel Core i7-2710QE @ 2.10GHz	5768	577	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	631	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6111	543	35.96	\$169.97*
Intel Core i7-2760QM @ 2.40GHz	6576	498	46.99	\$139.95
Intel Core i7-2820QM @ 2.30GHz	6637	492	18.44	\$359.95*
Intel Core i7-2840QM @ 2.40GHz	6766	479	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7008	461	11.68	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7102	454	11.66	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7148	448	17.44	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3591	964	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1031	NA	NA
Intel Core i7-3520M @ 2.90GHz	4534	771	19.30	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3847	897	NA	NA
Intel Core i7-3540M @ 3.00GHz	4644	743	10.80	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	4130	848	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	507	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7472	422	18.68	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6428	516	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6828	477	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	433	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7363	431	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7592	414	31.77	\$239.00
Intel Core i7-3632QM @ 2.20GHz	6934	469	20.70	\$335.00*
Intel Core i7-3635QM @ 2.40GHz	6658	490	NA	NA
Intel Core i7-3667U @ 2.00GHz	4002	870	NA	NA
Intel Core i7-3687U @ 2.10GHz	4188	835	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3269	1042	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8124	368	24.27	\$334.72*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3740QM @ 2.70GHz	8337	354	34.75	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9303	284	28.73	\$323.85
Intel Core i7-3770K @ 3.50GHz	9529	263	28.12	\$338.94
Intel Core i7-3770S @ 3.10GHz	8880	318	41.52	\$213.90
Intel Core i7-3770T @ 2.50GHz	8190	361	24.82	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9003	309	25.37	\$354.90
Intel Core i7-3820QM @ 2.70GHz	8464	347	17.38	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8808	327	26.29	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9151	296	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	12015	160	19.86	\$604.95
Intel Core i7-3940XM @ 3.00GHz	9312	283	17.28	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12635	147	7.66	\$1,650.00
Intel Core i7-3970X @ 3.50GHz	12648	145	29.08	\$435.00
Intel Core i7-4500U @ 1.80GHz	3789	915	NA	NA
Intel Core i7-4510U @ 2.00GHz	3937	883	NA	NA
Intel Core i7-4550U @ 1.50GHz	3759	927	NA	NA
Intel Core i7-4558U @ 2.80GHz	4369	797	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	810	NA	NA
Intel Core i7-4578U @ 3.00GHz	4745	728	NA	NA
Intel Core i7-4600M @ 2.90GHz	4832	712	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4600U @ 2.10GHz	4109	850	NA	NA
Intel Core i7-4610M @ 3.00GHz	4971	688	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	931	NA	NA
Intel Core i7-4650U @ 1.70GHz	3988	873	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	445	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7740	401	20.21	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7694	404	40.71	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7495	421	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7138	451	NA	NA
Intel Core i7-4710HQ @ 2.50GHz	7748	399	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7986	381	29.41	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7519	418	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7149	447	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8013	378	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	374	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8281	356	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	342	NA	NA
Intel Core i7-4765T @ 2.00GHz	7305	436	27.06	\$269.99*
Intel Core i7-4770 @ 3.40GHz	9793	246	26.47	\$370.00
Intel Core i7-4770HQ @ 2.20GHz	8946	314	NA	NA
Intel Core i7-4770K @ 3.50GHz	10105	223	20.22	\$499.74
Intel Core i7-4770R @ 3.20GHz	9827	244	NA	NA
Intel Core i7-4770S @ 3.10GHz	9342	279	13.74	\$680.00
Intel Core i7-4770T @ 2.50GHz	8612	339	27.87	\$308.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4770TE @ 2.30GHz	6615	495	NA	NA
Intel Core i7-4771 @ 3.50GHz	9880	240	11.89	\$831.00
Intel Core i7-4785T @ 2.20GHz	7623	411	NA	NA
Intel Core i7-4790 @ 3.60GHz	9997	233	29.80	\$335.49
Intel Core i7-4790K @ 4.00GHz	11188	173	29.14	\$384.00
Intel Core i7-4790S @ 3.20GHz	9558	262	10.10	\$946.00
Intel Core i7-4790T @ 2.70GHz	9057	303	25.23	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8495	344	16.66	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8652	335	20.36	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9728	254	23.73	\$409.99
Intel Core i7-4850HQ @ 2.30GHz	9029	306	20.80	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7925	387	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9228	288	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9337	281	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9057	304	14.87	\$609.29*
Intel Core i7-4910MQ @ 2.90GHz	9472	271	20.59	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13039	136	18.37	\$709.90
Intel Core i7-4930MX @ 3.00GHz	9513	265	8.68	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9900	238	15.00	\$659.95*
Intel Core i7-4960HQ @ 2.60GHz	9785	249	15.71	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13833	119	7.94	\$1,741.73
Intel Core i7-4980HQ @ 2.80GHz	10184	215	NA	NA
Intel Core i7-5500U @ 2.40GHz	3970	877	NA	NA
Intel Core i7-5550U @ 2.00GHz	4254	821	NA	NA
Intel Core i7-5557U @ 3.10GHz	4951	693	7.02	\$705.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5600U @ 2.60GHz	4304	814	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	827	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	363	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	358	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8387	351	NA	NA
Intel Core i7-5775C @ 3.30GHz	11013	181	25.00	\$440.44*
Intel Core i7-5775R @ 3.30GHz	10856	185	NA	NA
Intel Core i7-5820K @ 3.30GHz	12996	137	28.72	\$452.50
Intel Core i7-5850HQ @ 2.70GHz	9459	273	NA	NA
Intel Core i7-5930K @ 3.50GHz	13642	124	22.25	\$613.07
Intel Core i7-5950HQ @ 2.90GHz	10949	183	NA	NA
Intel Core i7-5960X @ 3.00GHz	15978	79	17.73	\$901.31
Intel Core i7-6498DU @ 2.50GHz	4562	765	NA	NA
Intel Core i7-6500U @ 2.50GHz	4434	784	NA	NA
Intel Core i7-6560U @ 2.20GHz	4801	720	NA	NA
Intel Core i7-6567U @ 3.30GHz	5630	593	NA	NA
Intel Core i7-6600U @ 2.60GHz	4812	718	NA	NA
Intel Core i7-6650U @ 2.20GHz	4949	694	NA	NA
Intel Core i7-6700 @ 3.40GHz	10036	230	32.99	\$304.18

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6700HQ @ 2.60GHz	8143	366	5.40	\$1,509.00*
Intel Core i7-6700K @ 4.00GHz	11112	174	25.21	\$440.85
Intel Core i7-6700T @ 2.80GHz	9039	305	33.48	\$269.99
Intel Core i7-6700TE @ 2.40GHz	8914	316	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9715	256	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13602	127	33.59	\$405.00
Intel Core i7-6820EQ @ 2.80GHz	8968	311	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9163	294	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8785	328	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	517	NA	NA
Intel Core i7-6850K @ 3.60GHz	14385	108	34.33	\$419.00
Intel Core i7-6900K @ 3.20GHz	17693	53	17.78	\$995.00
Intel Core i7-6920HQ @ 2.90GHz	9600	259	NA	NA
Intel Core i7-6950X @ 3.00GHz	19999	29	12.69	\$1,576.00
Intel Core i7-7500U @ 2.70GHz	5206	650	NA	NA
Intel Core i7-7560U @ 2.40GHz	5910	560	NA	NA
Intel Core i7-7567U @ 3.50GHz	6541	500	NA	NA
Intel Core i7-7600U @ 2.80GHz	5567	602	NA	NA
Intel Core i7-7660U @ 2.50GHz	6143	535	NA	NA
Intel Core i7-7700 @ 3.60GHz	10782	187	43.13	\$249.99
Intel Core i7-7700HQ @ 2.80GHz	8866	320	NA	NA
Intel Core i7-7700K @ 4.20GHz	12064	159	38.42	\$313.99
Intel Core i7-7700T @ 2.90GHz	9246	287	26.47	\$349.30
Intel Core i7-7740X @ 4.30GHz	12241	155	34.82	\$351.52
Intel Core i7-7800X @ 3.50GHz	14518	103	38.21	\$379.99
Intel Core i7-7820HK @ 2.90GHz	10055	228	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9461	272	NA	NA
Intel Core i7-7820X @ 3.60GHz	18648	39	40.54	\$459.99
Intel Core i7-7900X @ 3.30GHz	18539	41	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10200	212	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8550U @ 1.80GHz	8302	355	NA	NA
Intel Core i7-8650U @ 1.90GHz	9066	302	NA	NA
Intel Core i7-8700 @ 3.20GHz	15256	89	50.52	\$301.99*
Intel Core i7-8700K @ 3.70GHz	16054	77	47.24	\$339.89
Intel Core i7-8700T @ 2.40GHz	13526	131	32.11	\$421.21*
Intel Core i7-8705G @ 3.10GHz	10078	226	NA	NA
Intel Core i7-8750H @ 2.20GHz	12365	151	31.30	\$395.00*
Intel Core i7-8809G @ 3.10GHz	10124	221	NA	NA
Intel Core i9-7900X @ 3.30GHz	22298	15	24.18	\$921.99
Intel Core i9-7920X @ 2.90GHz	23262	11	21.13	\$1,101.01
Intel Core i9-7940X @ 3.10GHz	25049	8	18.33	\$1,366.93
Intel Core i9-7960X @ 2.80GHz	25592	5	16.36	\$1,564.14
Intel Core i9-7980XE @ 2.60GHz	27813	2	14.71	\$1,890.87
Intel Core m3-6Y30 @ 0.90GHz	3051	1112	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core m3-7Y30 @ 1.00GHz	3549	974	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3527	979	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3362	1023	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3216	1063	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3521	981	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2737	1217	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2250	1387	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2825	1181	10.05	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2652	1237	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2546	1272	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1122	NA	NA
Intel Core M-5Y71 @ 1.20GHz	3056	1111	10.88	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	395	2383	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2380	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2298	NA	NA
Intel Core Solo U1300 @ 1.06GHz	276	2537	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2535	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2455	NA	NA
Intel E3000 @ 3.40GHz	2767	1205	NA	NA
Intel Pentium 4 1.40GHz	164	2642	NA	NA
Intel Pentium 4 1.50GHz	131	2658	NA	NA
Intel Pentium 4 1.60GHz	129	2660	NA	NA
Intel Pentium 4 1.70GHz	132	2657	NA	NA
Intel Pentium 4 1.80GHz	161	2645	NA	NA
Intel Pentium 4 1.90GHz	159	2646	NA	NA
Intel Pentium 4 2.00GHz	189	2623	NA	NA
Intel Pentium 4 2.20GHz	210	2606	NA	NA
Intel Pentium 4 2.26GHz	221	2596	NA	NA
Intel Pentium 4 2.40GHz	228	2589	NA	NA
Intel Pentium 4 2.50GHz	245	2573	NA	NA
Intel Pentium 4 2.53GHz	248	2570	NA	NA
Intel Pentium 4 2.60GHz	288	2512	NA	NA
Intel Pentium 4 2.66GHz	254	2560	NA	NA
Intel Pentium 4 2.80GHz	322	2461	NA	NA
Intel Pentium 4 2.93GHz	297	2499	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 3.00GHz	353	2433	NA	NA
Intel Pentium 4 3.06GHz	347	2437	NA	NA
Intel Pentium 4 3.20GHz	375	2403	NA	NA
Intel Pentium 4 3.40GHz	396	2382	NA	NA
Intel Pentium 4 3.46GHz	487	2278	NA	NA
Intel Pentium 4 3.60GHz	490	2275	NA	NA
Intel Pentium 4 3.73GHz	486	2280	NA	NA
Intel Pentium 4 3.80GHz	485	2285	NA	NA
Intel Pentium 4 4.00GHz	184	2628	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1300MHz	119	2664	NA	NA
Intel Pentium 4 1400MHz	127	2661	NA	NA
Intel Pentium 4 1500MHz	125	2662	NA	NA
Intel Pentium 4 1600MHz	193	2622	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2649	NA	NA
Intel Pentium 4 1800MHz	162	2644	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2652	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2618	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2634	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2608	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2637	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2607	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2614	NA	NA
Intel Pentium 5 2.66GHz	705	2160	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	1939	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1153	1909	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	1913	NA	NA
Intel Pentium 987 @ 1.50GHz	1223	1870	NA	NA
Intel Pentium 997 @ 1.60GHz	1447	1748	NA	NA
Intel Pentium 1403 @ 2.60GHz	2747	1214	NA	NA
Intel Pentium 2020M @ 2.40GHz	2285	1369	17.06	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2414	1318	18.02	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1660	1650	12.40	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1824	1564	13.61	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1051	1964	7.85	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2303	1355	NA	NA
Intel Pentium 3556U @ 1.70GHz	1713	1614	NA	NA
Intel Pentium 3558U @ 1.70GHz	1690	1631	NA	NA
Intel Pentium 3560M @ 2.40GHz	2275	1375	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1848	NA	NA
Intel Pentium 3805U @ 1.90GHz	1989	1486	NA	NA
Intel Pentium 3825U @ 1.90GHz	2538	1276	NA	NA
Intel Pentium 4405U @ 2.10GHz	2970	1137	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1457	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2094	1447	13.01	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3189	1068	NA	NA
Intel Pentium A1018 @ 2.10GHz	1605	1677	NA	NA
Intel Pentium B940 @ 2.00GHz	1726	1607	57.66	\$29.94*
Intel Pentium B950 @ 2.10GHz	1716	1613	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1551	37.81	\$48.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium B970 @ 2.30GHz	1955	1498	38.35	\$50.99*
Intel Pentium B980 @ 2.40GHz	2044	1463	29.23	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3843	898	29.79	\$129.00*
Intel Pentium D 805 @ 2.66GHz	536	2243	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium D 830 @ 3.00GHz	643	2189	NA	NA
Intel Pentium D 915 @ 2.80GHz	583	2216	NA	NA
Intel Pentium D 940 @ 3.20GHz	709	2157	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2140	NA	NA
Intel Pentium D 960 @ 3.60GHz	814	2111	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2079	5.51	\$157.95
Intel Pentium E2160 @ 1.80GHz	997	2000	28.49	\$35.00
Intel Pentium E2180 @ 2.00GHz	1088	1946	4.73	\$230.00
Intel Pentium E2200 @ 2.20GHz	1204	1883	7.62	\$157.95
Intel Pentium E2210 @ 2.20GHz	1174	1894	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	1803	8.43	\$157.95
Intel Pentium E5200 @ 2.50GHz	1488	1730	21.11	\$70.50
Intel Pentium E5300 @ 2.60GHz	1542	1703	61.81	\$24.95
Intel Pentium E5400 @ 2.70GHz	1594	1683	10.10	\$157.95
Intel Pentium E5500 @ 2.80GHz	1637	1660	10.37	\$157.95
Intel Pentium E5700 @ 3.00GHz	1741	1601	124.49	\$13.99
Intel Pentium E5800 @ 3.20GHz	1902	1524	27.97	\$68.00
Intel Pentium E6300 @ 2.80GHz	1705	1617	3.02	\$565.00
Intel Pentium E6500 @ 2.93GHz	1764	1590	11.17	\$157.95
Intel Pentium E6600 @ 3.06GHz	1877	1541	134.11	\$14.00
Intel Pentium E6700 @ 3.20GHz	1942	1505	37.43	\$51.90
Intel Pentium E6800 @ 3.33GHz	2003	1481	2.41	\$831.38*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2064	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2017	NA	NA
Intel Pentium G620 @ 2.60GHz	2296	1363	91.91	\$24.99
Intel Pentium G620T @ 2.20GHz	2052	1461	25.66	\$79.99*
Intel Pentium G630 @ 2.70GHz	2371	1334	94.91	\$24.99
Intel Pentium G630T @ 2.30GHz	2122	1434	26.54	\$79.99*
Intel Pentium G640 @ 2.80GHz	2527	1280	101.12	\$24.99
Intel Pentium G640T @ 2.40GHz	1894	1529	NA	NA
Intel Pentium G645 @ 2.90GHz	2588	1259	27.25	\$95.00*
Intel Pentium G645T @ 2.50GHz	2286	1366	NA	NA
Intel Pentium G840 @ 2.80GHz	2574	1265	2.88	\$895.00
Intel Pentium G850 @ 2.90GHz	2660	1236	76.25	\$34.90
Intel Pentium G860 @ 3.00GHz	2750	1212	91.71	\$29.99
Intel Pentium G870 @ 3.10GHz	2822	1183	29.10	\$97.00
Intel Pentium G2010 @ 2.80GHz	2620	1247	72.80	\$35.99
Intel Pentium G2020 @ 2.90GHz	2768	1204	46.19	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2469	1303	51.88	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2878	1170	70.23	\$40.99
Intel Pentium G2030T @ 2.60GHz	2490	1295	38.91	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1194	NA	NA
Intel Pentium G2120 @ 3.10GHz	3082	1101	35.83	\$86.05
Intel Pentium G2130 @ 3.20GHz	3212	1064	40.16	\$79.99
Intel Pentium G2140 @ 3.30GHz	3384	1017	42.34	\$79.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3220 @ 3.00GHz	3139	1089	30.60	\$102.60*
Intel Pentium G3220T @ 2.60GHz	2601	1254	65.05	\$39.99*
Intel Pentium G3240 @ 3.10GHz	3176	1073	44.81	\$70.88*
Intel Pentium G3240T @ 2.70GHz	2936	1150	NA	NA
Intel Pentium G3250 @ 3.20GHz	3263	1045	34.37	\$94.95*
Intel Pentium G3250T @ 2.80GHz	2970	1136	64.59	\$45.99*
Intel Pentium G3258 @ 3.20GHz	3900	889	21.88	\$178.28
Intel Pentium G3260 @ 3.30GHz	3382	1018	26.30	\$128.59
Intel Pentium G3260T @ 2.90GHz	2914	1154	29.15	\$99.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1327	NA	NA
Intel Pentium G3420 @ 3.20GHz	3410	1008	31.01	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1125	28.58	\$105.25
Intel Pentium G3430 @ 3.30GHz	3474	992	29.92	\$116.15*
Intel Pentium G3440 @ 3.30GHz	3304	1036	20.09	\$164.49
Intel Pentium G3440T @ 2.80GHz	3101	1096	NA	NA
Intel Pentium G3450 @ 3.40GHz	3706	939	21.12	\$175.48*
Intel Pentium G3450T @ 2.90GHz	2967	1138	NA	NA
Intel Pentium G3460 @ 3.50GHz	3593	963	12.47	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3706	938	35.54	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3577	968	68.81	\$51.99
Intel Pentium G4400T @ 2.90GHz	3245	1053	NA	NA
Intel Pentium G4500 @ 3.50GHz	3869	895	54.58	\$70.90
Intel Pentium G4500T @ 3.00GHz	3471	995	NA	NA
Intel Pentium G4520 @ 3.60GHz	4195	832	46.16	\$90.89
Intel Pentium G4560 @ 3.50GHz	4892	702	72.84	\$67.17*
Intel Pentium G4560T @ 2.90GHz	4047	858	54.32	\$74.52*
Intel Pentium G4600 @ 3.60GHz	5444	623	61.87	\$88.00
Intel Pentium G4600T @ 3.00GHz	4328	811	40.24	\$107.56
Intel Pentium G4620 @ 3.70GHz	5266	646	48.49	\$108.62*
Intel Pentium G6950 @ 2.80GHz	1859	1548	14.88	\$125.00
Intel Pentium G6951 @ 2.80GHz	2140	1426	22.77	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2101	1443	NA	NA
Intel Pentium III 933S @ 933MHz	238	2581	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2521	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2534	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2479	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2500	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2497	NA	NA
Intel Pentium III Mobile 750MHz	103	2667	NA	NA
Intel Pentium III Mobile 800MHz	182	2632	NA	NA
Intel Pentium III Mobile 866MHz	152	2650	NA	NA
Intel Pentium III Mobile 933MHz	218	2598	8.58	\$25.51*
Intel Pentium III Mobile 1000MHz	245	2572	NA	NA
Intel Pentium III Mobile 1066MHz	268	2546	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III Mobile 1133MHz	251	2566	NA	NA
Intel Pentium III Mobile 1200MHz	262	2553	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1559	NA	NA
Intel Pentium J2900 @ 2.41GHz	1973	1493	NA	NA
Intel Pentium J3710 @ 1.60GHz	1970	1494	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium J4205 @ 1.50GHz	2299	1361	NA	NA
Intel Pentium M 1.10GHz	282	2526	NA	NA
Intel Pentium M 1.20GHz	298	2498	NA	NA
Intel Pentium M 1.30GHz	301	2492	NA	NA
Intel Pentium M 1.40GHz	345	2441	NA	NA
Intel Pentium M 1.50GHz	368	2414	NA	NA
Intel Pentium M 1.60GHz	363	2422	NA	NA
Intel Pentium M 1.70GHz	405	2368	NA	NA
Intel Pentium M 1.73GHz	413	2355	NA	NA
Intel Pentium M 1.80GHz	410	2358	NA	NA
Intel Pentium M 1.86GHz	438	2333	NA	NA
Intel Pentium M 2.00GHz	464	2303	NA	NA
Intel Pentium M 2.10GHz	448	2322	NA	NA
Intel Pentium M 2.13GHz	510	2261	NA	NA
Intel Pentium M 2.26GHz	509	2263	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2289	NA	NA
Intel Pentium M 900MHz	217	2601	NA	NA
Intel Pentium M 1000MHz	233	2586	NA	NA
Intel Pentium M 1100MHz	259	2556	NA	NA
Intel Pentium M 1200MHz	237	2582	NA	NA
Intel Pentium M 1300MHz	303	2485	NA	NA
Intel Pentium M 1400MHz	321	2462	NA	NA
Intel Pentium M 1500MHz	354	2430	NA	NA
Intel Pentium M 1600MHz	332	2453	NA	NA
Intel Pentium M 1700MHz	376	2402	NA	NA
Intel Pentium N3510 @ 1.99GHz	1517	1718	NA	NA
Intel Pentium N3520 @ 2.16GHz	1796	1576	NA	NA
Intel Pentium N3530 @ 2.16GHz	1894	1530	NA	NA
Intel Pentium N3540 @ 2.16GHz	1941	1506	7.74	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1843	1557	4.15	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1872	1545	NA	NA
Intel Pentium N4200 @ 1.10GHz	2022	1472	10.15	\$199.15
Intel Pentium P6000 @ 1.87GHz	1253	1856	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	1807	110.51	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1349	1796	22.49	\$59.99*
Intel Pentium P6300 @ 2.27GHz	1380	1775	NA	NA
Intel Pentium SU2700 @ 1.30GHz	407	2366	NA	NA
Intel Pentium SU4100 @ 1.30GHz	862	2081	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2093	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2060 @ 1.60GHz	668	2176	NA	NA
Intel Pentium T2080 @ 1.73GHz	706	2159	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2156	NA	NA
Intel Pentium T2310 @ 1.46GHz	726	2147	NA	NA
Intel Pentium T2330 @ 1.60GHz	836	2099	NA	NA
Intel Pentium T2370 @ 1.73GHz	842	2094	24.08	\$35.00*
Intel Pentium T2390 @ 1.86GHz	941	2041	NA	NA
Intel Pentium T2410 @ 2.00GHz	996	2001	NA	NA
Intel Pentium T3200 @ 2.00GHz	1026	1976	85.58	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1117	1923	12.42	\$89.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T4200 @ 2.00GHz	1146	1915	95.55	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1237	1864	NA	NA
Intel Pentium T4400 @ 2.20GHz	1281	1837	NA	NA
Intel Pentium T4500 @ 2.30GHz	1336	1802	NA	NA
Intel Pentium U5400 @ 1.20GHz	822	2105	NA	NA
Intel Pentium U5600 @ 1.33GHz	943	2038	NA	NA
Intel T1200 @ 1.50GHz	435	2340	NA	NA
Intel T1400 @ 1.73GHz	929	2048	NA	NA
Intel T1500 @ 1.86GHz	940	2042	NA	NA
Intel T2050 @ 2.00GHz	959	2028	NA	NA
Intel Xeon 2.00GHz	233	2585	NA	NA
Intel XEON 2.20GHz	252	2563	NA	NA
Intel Xeon 2.40GHz	276	2538	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2339	NA	NA
Intel Xeon 2.80GHz	400	2377	NA	NA
Intel Xeon 3.00GHz	391	2389	NA	NA
Intel Xeon 3.06GHz	491	2272	NA	NA
Intel Xeon 3.20GHz	461	2308	NA	NA
Intel Xeon 3.40GHz	478	2292	NA	NA
Intel Xeon 3.60GHz	509	2262	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	1970	NA	NA
Intel Xeon 3.80GHz	604	2207	0.71	\$851.00*
Intel Xeon 1500MHz	193	2621	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1835	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1311	1813	8.30	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1715	9.62	\$157.95*
Intel Xeon 3065 @ 2.33GHz	1504	1725	71.99	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1776	1583	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1558	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1696	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	1954	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	1860	0.74	\$1,683.98*
Intel Xeon 5130 @ 2.00GHz	1378	1776	35.89	\$38.40*
Intel Xeon 5133 @ 2.20GHz	1598	1681	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 5140 @ 2.33GHz	1639	1659	34.89	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1685	39.78	\$39.99*
Intel Xeon 5150 @ 2.66GHz	1750	1596	109.48	\$15.99*
Intel Xeon 5160 @ 3.00GHz	1968	1496	134.82	\$14.60*
Intel Xeon @ 2.20GHz	1902	1523	NA	NA
Intel Xeon D-1518 @ 2.20GHz	5322	640	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	580	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	464	NA	NA
Intel Xeon D-1528 @ 1.90GHz	7946	385	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	253	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	402	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	195	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11046	178	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	373	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14693	99	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1587 @ 1.70GHz	13950	117	NA	NA
Intel Xeon E3-1220 @ 3.10GHz	6067	547	31.93	\$190.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6675	487	20.28	\$329.10
Intel Xeon E3-1220 v3 @ 3.10GHz	7046	459	28.76	\$245.00
Intel Xeon E3-1220 v5 @ 3.00GHz	7694	405	31.38	\$245.23
Intel Xeon E3-1220 v6 @ 3.00GHz	8010	379	38.15	\$209.99
Intel Xeon E3-1220L @ 2.20GHz	3563	972	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	787	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1440	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5918	559	23.96	\$247.02*
Intel Xeon E3-1225 V2 @ 3.20GHz	6838	476	13.50	\$506.59
Intel Xeon E3-1225 v3 @ 3.20GHz	7187	443	15.68	\$458.34
Intel Xeon E3-1225 v5 @ 3.30GHz	7819	390	30.08	\$259.99
Intel Xeon E3-1225 v6 @ 3.30GHz	8337	353	33.90	\$245.97
Intel Xeon E3-1226 v3 @ 3.30GHz	7522	417	23.10	\$325.63
Intel Xeon E3-1230 @ 3.20GHz	7908	388	36.78	\$215.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8853	324	28.60	\$309.50
Intel Xeon E3-1230 v3 @ 3.30GHz	9334	282	35.67	\$261.66*
Intel Xeon E3-1230 v5 @ 3.40GHz	9767	250	32.58	\$299.80*
Intel Xeon E3-1230 v6 @ 3.50GHz	9861	243	38.73	\$254.65
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	441	25.12	\$287.90
Intel Xeon E3-1231 v3 @ 3.40GHz	9630	258	33.32	\$289.00
Intel Xeon E3-1235 @ 3.20GHz	7680	406	31.48	\$244.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6122	541	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7968	383	40.62	\$196.19
Intel Xeon E3-1240 V2 @ 3.40GHz	9170	293	19.60	\$467.87
Intel Xeon E3-1240 v3 @ 3.40GHz	9695	257	25.22	\$384.40
Intel Xeon E3-1240 v5 @ 3.50GHz	10422	201	30.51	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10176	216	35.09	\$289.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1240L v3 @ 2.00GHz	7510	419	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	392	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10041	229	21.62	\$464.35*
Intel Xeon E3-1245 @ 3.30GHz	8048	375	31.56	\$255.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9113	300	15.00	\$607.59
Intel Xeon E3-1245 v3 @ 3.40GHz	9580	260	23.37	\$409.95
Intel Xeon E3-1245 v5 @ 3.50GHz	10254	210	29.25	\$350.61
Intel Xeon E3-1245 v6 @ 3.70GHz	10360	204	34.59	\$299.53
Intel Xeon E3-1246 v3 @ 3.50GHz	9908	236	21.07	\$470.24*
Intel Xeon E3-1260L @ 2.40GHz	6534	501	17.94	\$364.22*
Intel Xeon E3-1260L v5 @ 2.90GHz	10136	218	24.25	\$418.00*
Intel Xeon E3-1265L @ 2.40GHz	6038	549	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7785	395	54.67	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	8713	330	12.27	\$709.95
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	389	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	9175	292	24.34	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8233	359	22.31	\$369.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9475	270	32.99	\$287.21
Intel Xeon E3-1270 v3 @ 3.50GHz	9877	241	26.70	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10325	206	28.69	\$359.90
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1270 v6 @ 3.80GHz	11085	177	31.67	\$349.99
Intel Xeon E3-1271 v3 @ 3.60GHz	10086	224	21.55	\$468.00
Intel Xeon E3-1275 @ 3.40GHz	8348	352	27.46	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9339	280	31.13	\$299.99
Intel Xeon E3-1275 v3 @ 3.50GHz	9864	242	24.60	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10390	203	21.83	\$476.00*
Intel Xeon E3-1275 v6 @ 3.80GHz	11035	179	29.28	\$376.92
Intel Xeon E3-1275L v3 @ 2.70GHz	8870	319	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10223	211	18.63	\$548.91*
Intel Xeon E3-1280 @ 3.50GHz	8473	346	23.03	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9562	261	14.83	\$644.99*
Intel Xeon E3-1280 v3 @ 3.60GHz	9720	255	13.94	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	192	16.05	\$664.56
Intel Xeon E3-1280 v6 @ 3.90GHz	11262	171	NA	NA
Intel Xeon E3-1281 v3 @ 3.70GHz	10295	208	11.73	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10115	222	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11689	167	25.98	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	10024	231	12.39	\$809.00
Intel Xeon E3-1285L v4 @ 3.40GHz	11224	172	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	239	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	10129	219	13.09	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	331	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9749	252	11.02	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	457	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1505M v5 @ 2.80GHz	8898	317	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9992	234	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	197	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9285	285	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10689	191	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10463	200	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10740	190	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10657	193	NA	NA
Intel Xeon E5-1410 @ 2.80GHz	7312	435	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7420	426	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5528	608	33.51	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6125	540	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6420	518	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5860	565	213.10	\$27.50*
Intel Xeon E5-1607 v2 @ 3.00GHz	6166	534	19.70	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6961	465	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7229	442	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9073	301	17.79	\$510.00
Intel Xeon E5-1620 v2 @ 3.70GHz	9525	264	28.95	\$329.00
Intel Xeon E5-1620 v3 @ 3.50GHz	9764	251	27.72	\$352.24
Intel Xeon E5-1620 v4 @ 3.50GHz	9968	235	30.49	\$326.97
Intel Xeon E5-1630 v3 @ 3.70GHz	10264	209	17.17	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10300	207	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11764	166	67.23	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12683	143	19.67	\$644.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1650 v3 @ 3.50GHz	13604	126	18.57	\$732.78
Intel Xeon E5-1650 v4 @ 3.60GHz	14237	109	22.60	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12362	152	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13777	121	7.62	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14423	105	8.92	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16262	73	NA	NA
Intel Xeon E5-1680 v2 @ 3.00GHz	16524	66	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16649	64	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17089	58	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	44	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	980	7.87	\$447.59
Intel Xeon E5-2403 v2 @ 1.80GHz	3492	987	15.67	\$222.84*
Intel Xeon E5-2407 @ 2.20GHz	3832	903	11.44	\$335.04
Intel Xeon E5-2407 v2 @ 2.40GHz	4575	762	9.61	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	651	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7139	450	18.31	\$390.00
Intel Xeon E5-2420 v2 @ 2.20GHz	8647	336	15.44	\$559.95
Intel Xeon E5-2430 @ 2.20GHz	6878	472	12.90	\$533.22*
Intel Xeon E5-2430 v2 @ 2.50GHz	8608	340	15.88	\$542.12

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2430L @ 2.00GHz	7269	439	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	493	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	291	12.32	\$745.00*
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	275	23.56	\$400.00*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	312	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	214	14.10	\$722.22*
Intel Xeon E5-2450L @ 1.80GHz	7389	430	113.70	\$64.99
Intel Xeon E5-2470 @ 2.30GHz	10061	227	31.77	\$316.72*
Intel Xeon E5-2603 @ 1.80GHz	3570	971	8.62	\$414.46*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	925	9.89	\$380.82*
Intel Xeon E5-2603 v3 @ 1.60GHz	5156	654	23.44	\$219.95
Intel Xeon E5-2603 v4 @ 1.70GHz	5473	614	23.80	\$229.99*
Intel Xeon E5-2608L v3 @ 2.00GHz	7768	396	17.62	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4625	750	40.06	\$115.46*
Intel Xeon E5-2609 v2 @ 2.50GHz	5115	660	10.57	\$484.01
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	556	13.26	\$448.02
Intel Xeon E5-2609 v4 @ 1.70GHz	6920	470	15.95	\$434.00*
Intel Xeon E5-2618L v3 @ 2.30GHz	12508	148	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	102	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7935	386	78.20	\$101.48
Intel Xeon E5-2620 v2 @ 2.10GHz	8686	333	25.24	\$344.20
Intel Xeon E5-2620 v3 @ 2.40GHz	10003	232	14.08	\$710.54*
Intel Xeon E5-2620 v4 @ 2.10GHz	11352	169	24.99	\$454.20
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	315	22.07	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8090	369	14.74	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	277	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	161	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13268	134	9.73	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	180	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8854	323	55.33	\$160.02
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2630 v2 @ 2.60GHz	10391	202	28.01	\$370.98
Intel Xeon E5-2630 v3 @ 2.40GHz	12828	140	17.89	\$716.98
Intel Xeon E5-2630 v4 @ 2.20GHz	13892	118	19.07	\$728.64
Intel Xeon E5-2630L @ 2.00GHz	8001	380	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9812	245	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9216	289	12.26	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	139	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9505	267	5.76	\$1,649.22
Intel Xeon E5-2637 v3 @ 3.50GHz	10128	220	7.82	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	199	9.97	\$1,049.69
Intel Xeon E5-2640 @ 2.50GHz	9500	268	88.55	\$107.29
Intel Xeon E5-2640 v2 @ 2.00GHz	9904	237	20.60	\$480.68
Intel Xeon E5-2640 v3 @ 2.60GHz	14077	114	14.43	\$975.24*
Intel Xeon E5-2640 v4 @ 2.40GHz	15331	87	15.56	\$985.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2643 @ 3.30GHz	8499	343	15.71	\$541.09*
Intel Xeon E5-2643 v2 @ 3.50GHz	12324	154	4.91	\$2,509.00
Intel Xeon E5-2643 v3 @ 3.40GHz	13801	120	7.42	\$1,860.00
Intel Xeon E5-2643 v4 @ 3.40GHz	13600	128	7.91	\$1,719.05*
Intel Xeon E5-2648L v3 @ 1.80GHz	12332	153	9.23	\$1,336.62
Intel Xeon E5-2648L v4 @ 1.80GHz	12883	138	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14673	100	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10159	217	77.69	\$130.76
Intel Xeon E5-2650 v2 @ 2.60GHz	13087	135	24.24	\$539.95
Intel Xeon E5-2650 v3 @ 2.30GHz	14880	96	15.30	\$972.66
Intel Xeon E5-2650 v4 @ 2.20GHz	15975	80	13.65	\$1,169.99*
Intel Xeon E5-2650L @ 1.80GHz	8676	334	109.83	\$79.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13390	132	13.26	\$1,010.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	113	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	170	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	269	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	112	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	71	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16290	72	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11100	175	108.83	\$102.00
Intel Xeon E5-2660 v2 @ 2.20GHz	13564	129	44.43	\$305.34
Intel Xeon E5-2660 v3 @ 2.60GHz	16151	74	10.56	\$1,529.95
Intel Xeon E5-2660 v4 @ 2.00GHz	17786	51	11.94	\$1,489.97
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	115	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11776	165	83.23	\$141.50*
Intel Xeon E5-2667 @ 2.90GHz	10327	205	57.70	\$178.99*
Intel Xeon E5-2667 v2 @ 3.30GHz	16093	76	21.93	\$734.01
Intel Xeon E5-2667 v3 @ 3.20GHz	16101	75	7.12	\$2,259.95*
Intel Xeon E5-2667 v4 @ 3.20GHz	16654	63	6.70	\$2,486.48*
Intel Xeon E5-2670 @ 2.60GHz	12210	157	46.02	\$265.32
Intel Xeon E5-2670 v2 @ 2.50GHz	15031	94	30.50	\$492.77
Intel Xeon E5-2670 v3 @ 2.30GHz	16619	65	11.46	\$1,450.00
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	70	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16982	59	24.26	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21625	18	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2675 v3 @ 1.80GHz	15156	92	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17652	54	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	60	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25236	7	9.34	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12654	144	72.93	\$173.51
Intel Xeon E5-2680 v2 @ 2.80GHz	15954	81	39.75	\$401.41
Intel Xeon E5-2680 v3 @ 2.50GHz	18626	40	9.28	\$2,007.99
Intel Xeon E5-2680 v4 @ 2.40GHz	19953	30	11.32	\$1,762.90*
Intel Xeon E5-2682 v4 @ 2.50GHz	15333	86	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2683 v3 @ 2.00GHz	17415	56	8.77	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	37	10.03	\$1,899.99*
Intel Xeon E5-2685 v3 @ 2.60GHz	14154	111	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	35	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14404	107	14.93	\$964.98*
Intel Xeon E5-2687W v2 @ 3.40GHz	16484	68	4.44	\$3,713.55*
Intel Xeon E5-2687W v3 @ 3.10GHz	17719	52	5.89	\$3,009.95
Intel Xeon E5-2687W v4 @ 3.00GHz	19950	31	8.65	\$2,307.31*
Intel Xeon E5-2689 @ 2.60GHz	13644	123	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19521	34	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13992	116	69.27	\$202.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16503	67	28.02	\$589.00
Intel Xeon E5-2690 v3 @ 2.60GHz	19240	36	8.15	\$2,359.99*
Intel Xeon E5-2690 v4 @ 2.60GHz	21323	23	9.03	\$2,360.38
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	78	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15847	83	8.93	\$1,774.85*
Intel Xeon E5-2695 v3 @ 2.30GHz	20346	26	8.14	\$2,499.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	27	7.91	\$2,560.32
Intel Xeon E5-2696 v2 @ 2.50GHz	16681	62	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22564	12	9.03	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21331	22	7.09	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17425	55	7.80	\$2,235.02*
Intel Xeon E5-2697 v3 @ 2.60GHz	21488	21	8.07	\$2,661.90*
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	20	7.67	\$2,805.00
Intel Xeon E5-2697A v4 @ 2.60GHz	23609	9	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21149	24	6.18	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21789	17	6.75	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22358	14	6.56	\$3,410.00
Intel Xeon E5-2699 v4 @ 2.20GHz	23392	10	2.92	\$8,010.00*
Intel Xeon E5-4603 @ 2.00GHz	5014	682	2.65	\$1,890.99
Intel Xeon E5-4617 @ 2.90GHz	8855	322	98.51	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	367	2.31	\$3,519.97*
Intel Xeon E5-4627 v3 @ 2.60GHz	14219	110	5.92	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	84	NA	NA
Intel Xeon E5-4640 @ 2.40GHz	10523	196	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	142	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	176	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	12085	158	24.57	\$491.80*
Intel Xeon E5-4650L @ 2.60GHz	11821	163	1.36	\$8,684.50*
Intel Xeon E5-4660 v3 @ 2.10GHz	18007	49	3.75	\$4,800.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	125	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1092	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2170	1415	76.43	\$28.40*
Intel Xeon E3113 @ 3.00GHz	2427	1313	247.99	\$9.79*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3120 @ 3.16GHz	2241	1392	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1765	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1315	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1381	8.71	\$259.95*
Intel Xeon E5320 @ 1.86GHz	2279	1374	14.43	\$157.95*
Intel Xeon E5335 @ 2.00GHz	2513	1286	12.66	\$198.62
Intel Xeon E5345 @ 2.33GHz	2934	1151	71.10	\$41.28*
Intel Xeon E5405 @ 2.00GHz	2864	1172	38.19	\$75.00*
Intel Xeon E5410 @ 2.33GHz	3268	1043	15.79	\$207.01*
Intel Xeon E5420 @ 2.50GHz	3521	982	59.69	\$59.00*
Intel Xeon E5430 @ 2.66GHz	3787	916	105.20	\$36.00*
Intel Xeon E5440 @ 2.83GHz	3983	874	72.42	\$55.00*
Intel Xeon E5450 @ 3.00GHz	4223	828	92.82	\$45.50
Intel Xeon E5462 @ 2.80GHz	3899	890	142.85	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4145	845	75.65	\$54.80*
Intel Xeon E5502 @ 1.87GHz	1375	1779	14.48	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1769	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2724	1221	98.34	\$27.70*
Intel Xeon E5506 @ 2.13GHz	2977	1133	43.15	\$69.00*
Intel Xeon E5507 @ 2.27GHz	3143	1088	6.88	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4447	781	202.24	\$21.99
Intel Xeon E5530 @ 2.40GHz	4605	753	184.31	\$24.99
Intel Xeon E5540 @ 2.53GHz	4758	726	166.16	\$28.64
Intel Xeon E5603 @ 1.60GHz	2366	1338	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3043	1116	46.12	\$65.99
Intel Xeon E5607 @ 2.27GHz	3398	1015	10.96	\$310.00*
Intel Xeon E5620 @ 2.40GHz	4860	707	202.50	\$24.00
Intel Xeon E5630 @ 2.53GHz	5109	662	49.99	\$102.21*
Intel Xeon E5640 @ 2.67GHz	5309	642	29.51	\$179.95*
Intel Xeon E5645 @ 2.40GHz	6520	502	94.34	\$69.12*
Intel Xeon E5649 @ 2.53GHz	6936	467	29.45	\$235.49*
Intel Xeon E7320 @ 2.13GHz	2413	1319	NA	NA
Intel Xeon E-2176M @ 2.70GHz	14721	98	32.71	\$450.00*
Intel Xeon E-2186M @ 2.90GHz	15135	93	24.29	\$623.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	47	10.51	\$1,727.00*
Intel Xeon Gold 6128 @ 3.40GHz	14959	95	8.82	\$1,697.00*
Intel Xeon Gold 6130 @ 2.10GHz	20222	28	10.18	\$1,987.08
Intel Xeon Gold 6134 @ 3.20GHz	18083	48	7.70	\$2,348.26*
Intel Xeon Gold 6136 @ 3.00GHz	20412	25	7.72	\$2,643.65
Intel Xeon Gold 6138 @ 2.00GHz	25416	6	9.45	\$2,689.99*
Intel Xeon Gold 6144 @ 3.50GHz	19833	33	6.78	\$2,925.00*
Intel Xeon Gold 6154 @ 3.00GHz	27789	3	7.84	\$3,543.00*
Intel Xeon L3110 @ 3.00GHz	2273	1378	NA	NA
Intel Xeon L3360 @ 2.83GHz	3820	906	42.81	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1800	4.83	\$277.01*

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)
Intel Xeon L3426 @ 1.87GHz	3837	899	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1565	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1379	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1377	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1427	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1210	72.15	\$38.20*
Intel Xeon L5408 @ 2.13GHz	3014	1124	NA	NA
Intel Xeon L5410 @ 2.33GHz	3424	1004	34.21	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3508	984	22.21	\$157.95*
Intel Xeon L5430 @ 2.66GHz	3776	922	23.91	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	936	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	794	164.31	\$26.70*
Intel Xeon L5530 @ 2.40GHz	4351	805	97.14	\$44.80*
Intel Xeon L5630 @ 2.13GHz	4369	798	274.78	\$15.90*
Intel Xeon L5638 @ 2.00GHz	5556	604	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	7021	460	NA	NA
Intel Xeon L5640 @ 2.27GHz	6444	509	44.18	\$145.89*
Intel Xeon L7455 @ 2.13GHz	3836	901	NA	NA
Intel Xeon MV 3.20GHz	683	2170	NA	NA
Intel Xeon Platinum 8173M @ 2.00GHz	28860	1	NA	NA
Intel Xeon Silver 4109T @ 2.00GHz	10854	186	21.67	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11631	168	21.54	\$539.99*
Intel Xeon Silver 4112 @ 2.60GHz	8613	338	16.28	\$529.21*
Intel Xeon Silver 4114 @ 2.20GHz	14466	104	19.43	\$744.73*
Intel Xeon Silver 4116 @ 2.10GHz	16723	61	14.92	\$1,121.16*
Intel Xeon W3503 @ 2.40GHz	1761	1591	27.10	\$64.99*
Intel Xeon W3505 @ 2.53GHz	1858	1549	NA	NA
Intel Xeon W3520 @ 2.67GHz	5059	672	12.34	\$409.95
Intel Xeon W3530 @ 2.80GHz	5363	633	89.46	\$59.95*
Intel Xeon W3540 @ 2.93GHz	5474	613	15.21	\$359.95*
Intel Xeon W3550 @ 3.07GHz	5709	585	24.29	\$235.00*
Intel Xeon W3565 @ 3.20GHz	5946	554	85.02	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6109	544	12.73	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6433	513	29.99	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8158	365	27.65	\$295.00*
Intel Xeon W3680 @ 3.33GHz	9142	297	19.88	\$459.95
Intel Xeon W3690 @ 3.47GHz	9251	286	4.09	\$2,260.61*
Intel Xeon W5580 @ 3.20GHz	5836	570	65.67	\$88.88*
Intel Xeon W5590 @ 3.33GHz	6183	531	22.90	\$269.99*
Intel Xeon W-2123 @ 3.60GHz	10958	182	32.64	\$335.70*
Intel Xeon W-2125 @ 4.00GHz	12648	146	28.49	\$444.00*
Intel Xeon W-2133 @ 3.60GHz	14419	106	23.37	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16460	69	16.64	\$989.48*
Intel Xeon W-2140B @ 3.20GHz	18211	45	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2145 @ 3.70GHz	19936	32	17.91	\$1,113.00*
Intel Xeon W-2150B @ 3.00GHz	21581	19	NA	NA
Intel Xeon W-2155 @ 3.30GHz	22409	13	15.56	\$1,440.00*
Intel Xeon W-2195 @ 2.30GHz	26470	4	9.70	\$2,730.26*
Intel Xeon X3210 @ 2.13GHz	2771	1201	18.60	\$149.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3220 @ 2.40GHz	3096	1097	12.09	\$256.07*
Intel Xeon X3230 @ 2.66GHz	3431	1002	9.53	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3335	1029	14.53	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3165	1077	44.59	\$70.99*
Intel Xeon X3330 @ 2.66GHz	3376	1020	16.08	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3880	893	64.68	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3881	892	52.81	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3977	876	25.18	\$157.95*
Intel Xeon X3363 @ 2.83GHz	4041	860	25.59	\$157.95*
Intel Xeon X3370 @ 3.00GHz	4296	816	11.71	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4697	735	NA	NA
Intel Xeon X3430 @ 2.40GHz	3371	1022	14.73	\$228.88*
Intel Xeon X3440 @ 2.53GHz	4557	766	20.26	\$225.00
Intel Xeon X3450 @ 2.67GHz	4865	705	37.43	\$130.00*
Intel Xeon X3460 @ 2.80GHz	5117	659	67.78	\$75.50*
Intel Xeon X3470 @ 2.93GHz	5187	652	10.17	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	591	NA	NA
Intel Xeon X5260 @ 3.33GHz	2453	1305	17.62	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2524	1282	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1326	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3258	1050	47.10	\$69.18*
Intel Xeon X5365 @ 3.00GHz	3491	988	31.90	\$109.45*
Intel Xeon X5450 @ 3.00GHz	4150	844	80.48	\$51.57*
Intel Xeon X5460 @ 3.16GHz	4363	800	72.73	\$60.00
Intel Xeon X5470 @ 3.33GHz	4640	744	15.79	\$293.87*
Intel Xeon X5472 @ 3.00GHz	4023	864	17.88	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4572	763	45.73	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4829	714	3.47	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5404	625	242.36	\$22.30*
Intel Xeon X5560 @ 2.80GHz	5399	627	94.89	\$56.90*
Intel Xeon X5570 @ 2.93GHz	5679	588	118.67	\$47.86
Intel Xeon X5647 @ 2.93GHz	5980	551	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7438	423	107.63	\$69.11
Intel Xeon X5660 @ 2.80GHz	7645	407	107.95	\$70.82
Intel Xeon X5667 @ 3.07GHz	4722	730	67.47	\$70.00
Intel Xeon X5670 @ 2.93GHz	7960	384	108.31	\$73.49
Intel Xeon X5672 @ 3.20GHz	6438	511	55.93	\$115.12*
Intel Xeon X5675 @ 3.07GHz	8484	345	35.50	\$239.00
Intel Xeon X5677 @ 3.47GHz	6947	466	19.85	\$350.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5679 @ 3.20GHz	8845	325	NA	NA
Intel Xeon X5680 @ 3.33GHz	8605	341	49.36	\$174.33
Intel Xeon X5687 @ 3.60GHz	7123	453	75.82	\$93.95
Intel Xeon X5690 @ 3.47GHz	8977	310	52.92	\$169.64
Intel Xeon X5698 @ 4.40GHz	4272	818	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1132	NA	NA
Mobile AMD Athlon 4	314	2471	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2426	NA	NA
Mobile AMD Athlon 64 2700+	398	2379	NA	NA
Mobile AMD Athlon 64 2800+	440	2329	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon 64 3000+	450	2319	NA	NA
Mobile AMD Athlon 64 3200+	448	2323	NA	NA
Mobile AMD Athlon 64 3400+	511	2259	NA	NA
Mobile AMD Athlon 64 3700+	435	2341	NA	NA
Mobile AMD Athlon 64 4000+	576	2220	NA	NA
Mobile AMD Athlon 1400+	266	2549	NA	NA
Mobile AMD Athlon 2500+	370	2410	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2550	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2400	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2503	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2270	NA	NA
Mobile AMD Athlon XP	572	2225	47.72	\$11.99*
Mobile AMD Athlon XP-M	512	2258	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2630	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2554	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2557	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2459	NA	NA
Mobile AMD Athlon XP-M 1800+	312	2475	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2445	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2493	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2420	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2440	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2438	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2409	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2418	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2417	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2331	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2279	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2264	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2510	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2502	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2450	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2407	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2296	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) 3200+	505	2266	NA	NA
Mobile AMD Sempron 2100+	252	2564	NA	NA
Mobile AMD Sempron 2600+	394	2385	NA	NA
Mobile AMD Sempron 2800+	358	2427	NA	NA
Mobile AMD Sempron 3000+	389	2393	NA	NA
Mobile AMD Sempron 3100+	416	2353	NA	NA
Mobile AMD Sempron 3200+	354	2431	NA	NA
Mobile AMD Sempron 3300+	444	2325	NA	NA
Mobile AMD Sempron 3400+	448	2321	NA	NA
Mobile AMD Sempron 3500+	408	2365	NA	NA
Mobile AMD Sempron 3600+	430	2345	NA	NA
Mobile AMD Sempron 3800+	485	2283	NA	NA
Mobile Intel Celeron 1.20GHz	170	2640	NA	NA
Mobile Intel Celeron 1.50GHz	188	2624	NA	NA
Mobile Intel Celeron 1.60GHz	188	2625	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 1.70GHz	181	2633	NA	NA
Mobile Intel Celeron 1.80GHz	186	2627	NA	NA
Mobile Intel Celeron 2.00GHz	204	2612	NA	NA
Mobile Intel Celeron 2.20GHz	226	2592	NA	NA
Mobile Intel Celeron 2.40GHz	239	2579	NA	NA
Mobile Intel Celeron 2.50GHz	281	2529	NA	NA
Mobile Intel Celeron 1200MHz	294	2504	NA	NA
Mobile Intel Celeron 1333MHz	309	2480	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2536	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2552	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2533	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2469	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2448	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2428	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2332	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2293	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2619	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2639	0.91	\$190.53
Mobile Intel Pentium 4 - M 1.80GHz	176	2636	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2587	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2615	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2617	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2603	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2559	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2472	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2605	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2616	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2568	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2508	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium III - M 1200MHz	224	2593	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2509	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1292	NA	NA
Quad-Core AMD Opteron 1385	3442	1001	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3418	1006	NA	NA
VIA C3 Ezra	100	2668	NA	NA
VIA C7 1500MHz	284	2522	NA	NA
VIA C7-D 1500MHz	287	2516	NA	NA
VIA C7-D 1800MHz	203	2613	NA	NA
VIA C7-D 2000MHz	368	2413	NA	NA
VIA C7-M 1000MHz	164	2643	NA	NA
VIA C7-M 1200MHz	140	2655	NA	NA
VIA C7-M 1600MHz	178	2635	NA	NA
VIA C7-M 6300MHz	222	2595	NA	NA
VIA Eden 800MHz	155	2647	NA	NA
VIA Eden 1000MHz	123	2663	NA	NA
VIA Eden 1200MHz	142	2654	NA	NA
VIA Eden C1050@1.06GHz	352	2434	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2291	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	1914	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Esther 1000MHz	169	2641	NA	NA
VIA Esther 1300MHz	250	2567	NA	NA
VIA Esther 1500MHz	219	2597	NA	NA
VIA Esther 2000MHz	394	2384	NA	NA
VIA Nano L1900@1400MHz	457	2311	NA	NA
VIA Nano L2007@1600MHz	369	2411	NA	NA
VIA Nano L2100@1800MHz	428	2347	NA	NA
VIA Nano L2207@1600MHz	296	2501	NA	NA
VIA Nano L3025@1600MHz	517	2255	NA	NA
VIA Nano L3050@1800MHz	581	2218	NA	NA
VIA Nano L3600@2000MHz	645	2185	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2401	NA	NA
VIA Nano U2250@1300+MHz	274	2541	NA	NA
VIA Nano U2500@1200MHz	306	2484	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2268	NA	NA
VIA Nano U3300@1200MHz	409	2362	NA	NA
VIA Nano U3500@1000MHz	275	2539	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2205	NA	NA
VIA Nehemiah	155	2648	NA	NA
VIA QuadCore C4650@2.0GHz	1940	1507	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1786	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1896	NA	NA
VIA Samuel 2	79	2670	NA	NA

* - Last price seen from our affiliates.

Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	257	24.17	\$317.40*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	100	10.30	\$1,713.92*
[Dual CPU] AMD Athlon 64 FX-72	3163	356	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	362	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	406	NA	NA
[Dual CPU] AMD EPYC 7281	12720	148	9.09	\$1,399.98
[Dual CPU] AMD EPYC 7401	23518	46	5.88	\$3,999.98
[Dual CPU] AMD EPYC 7451	28957	18	5.57	\$5,199.98
[Dual CPU] AMD EPYC 7501	23727	44	3.25	\$7,299.98
[Dual CPU] AMD EPYC 7551	30966	12	4.18	\$7,399.98
[Dual CPU] AMD Opteron 246	1130	395	11.30	\$99.98
[Dual CPU] AMD Opteron 248	1053	396	43.88	\$24.00
[Dual CPU] AMD Opteron 250	1438	392	65.36	\$22.00
[Dual CPU] AMD Opteron 252	1385	393	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	401	NA	NA
[Dual CPU] AMD Opteron 256	1853	389	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	387	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	383	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	386	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	379	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	371	NA	NA
[Dual CPU] AMD Opteron 290	2807	368	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	365	NA	NA
[Dual CPU] AMD Opteron 2212	2203	384	91.79	\$24.00
[Dual CPU] AMD Opteron 2214 HE	2463	378	NA	NA
[Dual CPU] AMD Opteron 2216	2485	376	6.98	\$356.00
[Dual CPU] AMD Opteron 2216 HE	2593	374	NA	NA
[Dual CPU] AMD Opteron 2218	2719	372	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	375	NA	NA
[Dual CPU] AMD Opteron 2220	2850	366	0.97	\$2,950.32
[Dual CPU] AMD Opteron 2220 SE	2882	364	75.84	\$38.00
[Dual CPU] AMD Opteron 2222	2972	361	0.89	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	354	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	344	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	351	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4090	345	7.57	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	334	6.88	\$664.02*
[Dual CPU] AMD Opteron 2356	4487	336	150.07	\$29.90
[Dual CPU] AMD Opteron 2360 SE	5315	317	189.82	\$28.00
[Dual CPU] AMD Opteron 2374 HE	4799	330	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	318	174.60	\$30.00
[Dual CPU] AMD Opteron 2378	5559	312	15.53	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	304	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	301	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6441	285	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2389	5677	305	142.00	\$39.98
[Dual CPU] AMD Opteron 2419	5191	320	216.47	\$23.98
[Dual CPU] AMD Opteron 2425 HE	6209	293	NA	NA
[Dual CPU] AMD Opteron 2427	5980	299	31.43	\$190.28*
[Dual CPU] AMD Opteron 2431	6438	286	80.48	\$80.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2435	7124	270	29.58	\$240.80*
[Dual CPU] AMD Opteron 2439 SE	8071	243	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	346	7.84	\$519.90
[Dual CPU] AMD Opteron 4130	5651	307	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	289	9.33	\$679.90
[Dual CPU] AMD Opteron 4180	6367	288	14.15	\$450.08
[Dual CPU] AMD Opteron 4184	7848	249	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	242	8.64	\$936.14*
[Dual CPU] AMD Opteron 4228 HE	7986	244	NA	NA
[Dual CPU] AMD Opteron 4234	9361	212	15.57	\$601.40*
[Dual CPU] AMD Opteron 4276 HE	9681	205	NA	NA
[Dual CPU] AMD Opteron 4280	4525	335	4.96	\$912.88*
[Dual CPU] AMD Opteron 4284	7833	251	10.96	\$714.60*
[Dual CPU] AMD Opteron 4334	9468	210	21.87	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	184	NA	NA
[Dual CPU] AMD Opteron 4376 HE	10244	192	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	175	15.01	\$757.04*
[Dual CPU] AMD Opteron 6128	6881	276	14.64	\$470.00
[Dual CPU] AMD Opteron 6128 HE	5582	310	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	227	NA	NA
[Dual CPU] AMD Opteron 6136	7255	265	10.10	\$718.00
[Dual CPU] AMD Opteron 6164 HE	5109	323	NA	NA
[Dual CPU] AMD Opteron 6168	7741	254	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7623	258	18.15	\$419.90
[Dual CPU] AMD Opteron 6174	8776	225	20.90	\$419.96
[Dual CPU] AMD Opteron 6176 SE	8448	231	15.30	\$552.00*
[Dual CPU] AMD Opteron 6180 SE	3114	357	NA	NA
[Dual CPU] AMD Opteron 6204	7134	269	NA	NA
[Dual CPU] AMD Opteron 6212	8955	218	21.37	\$419.00*
[Dual CPU] AMD Opteron 6220	10740	181	25.57	\$420.00
[Dual CPU] AMD Opteron 6234	10262	191	12.83	\$799.98*
[Dual CPU] AMD Opteron 6238	10349	188	4.76	\$2,176.22*
[Dual CPU] AMD Opteron 6272	10026	197	15.42	\$650.00
[Dual CPU] AMD Opteron 6274	10682	182	25.43	\$420.00
[Dual CPU] AMD Opteron 6275	9936	200	NA	NA
[Dual CPU] AMD Opteron 6276	10194	194	16.50	\$617.78
[Dual CPU] AMD Opteron 6284 SE	11985	160	NA	NA
[Dual CPU] AMD Opteron 6308	8351	234	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10914	179	20.21	\$539.96

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6328	11709	166	11.57	\$1,011.98
[Dual CPU] AMD Opteron 6344	11178	176	14.37	\$778.00
[Dual CPU] AMD Opteron 6348	11412	173	5.65	\$2,020.00
[Dual CPU] AMD Opteron 6376	10405	186	8.53	\$1,220.00
[Dual CPU] AMD Opteron 6378	2905	363	3.64	\$798.00*
[Dual CPU] AMD Opteron 6380	14200	135	18.21	\$779.72
[Dual CPU] AMD Opteron 6386 SE	10764	180	2.24	\$4,815.02*
[Dual CPU] AMD Opteron 8218	2831	367	117.96	\$24.00
[Dual CPU] AMD Opteron 8222 SE	2793	370	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	355	134.29	\$24.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 8380	5643	308	13.70	\$412.00*
[Dual CPU] AMD Opteron 8381 HE	5210	319	NA	NA
[Dual CPU] AMD Opteron 8389	6517	282	155.24	\$41.98
[Dual CPU] AMD Opteron 8431	5813	302	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	7606	259	38.42	\$197.98
[Dual CPU] AMD Opteron 8439 SE	7691	256	45.24	\$170.00
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	394	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	381	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	350	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7955	245	2.20	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	415	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	413	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	409	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	411	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	416	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	417	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	414	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	479	412	26.32	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	407	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	687	403	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	784	402	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	405	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	856	400	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	892	399	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	926	398	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1862	388	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	397	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2148	385	6.71	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	380	0.69	\$3,367.96*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2614	373	34.04	\$76.80*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	358	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2984	360	31.75	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	359	37.50	\$79.98*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3451	352	107.91	\$31.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3848	348	131.78	\$29.20*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	9410	211	20.06	\$469.16
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11646	168	18.43	\$632.00*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	5988	298	6.69	\$895.18
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	291	14.14	\$445.68*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7569	261	11.30	\$670.08
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	216	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11724	165	15.03	\$780.00
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11725	164	10.47	\$1,119.90
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	236	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	141	12.79	\$1,066.44*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	14265	134	13.16	\$1,084.24
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	174	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	153	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	147	16.07	\$800.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	139	9.50	\$1,444.44*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	112	NA	NA
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11886	161	91.44	\$129.98
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	110	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	94	4.13	\$4,500.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6320	290	7.62	\$828.92*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	281	8.56	\$761.64*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8374	232	19.04	\$439.90
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8542	230	18.57	\$459.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8230	239	35.64	\$230.92*
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8822	221	9.11	\$968.02
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10019	198	11.18	\$896.04
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10992	178	12.66	\$868.00*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12455	151	61.37	\$202.96
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13464	146	19.56	\$688.40
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15317	125	10.78	\$1,421.08*
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16524	113	18.19	\$908.40
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14155	136	17.48	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	11873	162	10.81	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	131	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13621	143	42.56	\$320.04
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16121	116	21.73	\$741.96
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18581	93	12.96	\$1,433.96
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18950	92	13.00	\$1,457.28
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	177	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	142	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15176	126	10.09	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	16141	115	4.89	\$3,298.44
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16437	114	6.34	\$2,591.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16678	109	7.94	\$2,099.38
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14765	129	68.81	\$214.58
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14420	132	15.00	\$961.36
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20459	79	10.49	\$1,950.48*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20625	76	10.47	\$1,970.00
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13601	145	12.57	\$1,082.18*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21298	69	4.24	\$5,018.00
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21083	72	5.67	\$3,720.00
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21705	63	6.31	\$3,438.10*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	155	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	11808	163	3.99	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	19339	89	7.23	\$2,673.24
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15022	127	57.44	\$261.52
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19073	91	17.66	\$1,079.90
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20504	78	10.54	\$1,945.32
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20452	80	8.74	\$2,339.98*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	133	91.04	\$158.00
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	13948	138	23.32	\$598.10
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	74	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18096	99	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	88	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16567	111	81.21	\$204.00
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18356	95	30.06	\$610.68
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22733	56	7.43	\$3,059.90
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23117	51	7.76	\$2,979.94
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	50	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17622	101	62.27	\$283.00*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	34	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17001	105	47.49	\$357.98*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22842	55	15.56	\$1,468.02
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23109	52	5.11	\$4,519.90*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23855	43	4.80	\$4,972.96*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18256	96	34.40	\$530.64
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	21515	64	21.83	\$985.54
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	59	7.71	\$2,900.00
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23077	53	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	22959	54	16.40	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	17	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	83	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	65	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	16	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18227	97	52.52	\$347.02
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21874	61	27.25	\$802.82
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24963	33	6.22	\$4,015.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	49	6.63	\$3,525.80*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	106	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21111	71	5.32	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24503	37	6.45	\$3,799.98*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	60	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26071	28	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21008	73	10.89	\$1,929.96*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23393	48	3.15	\$7,427.10*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24249	39	4.03	\$6,019.90
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26529	26	5.75	\$4,614.62*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	20362	81	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26470	27	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	20060	82	49.65	\$404.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23897	42	20.29	\$1,178.00
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25653	29	5.43	\$4,719.98*
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27561	23	5.84	\$4,720.76
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20590	77	5.80	\$3,549.70*
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	35	4.97	\$4,999.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	30	5.00	\$5,120.64
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23914	41	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30116	14	6.03	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31481	10	5.23	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23570	45	5.27	\$4,470.04*
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28349	20	5.32	\$5,323.80*
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30520	13	5.44	\$5,610.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28181	21	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29958	15	4.37	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	8	5.00	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	40	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	25481	31	3.74	\$6,820.00
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34330	5	2.14	\$16,020.00*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	75	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	85	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	120	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	90	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19588	84	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19401	87	19.72	\$983.60*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	128	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	57	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	24	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	157	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	121	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	58	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	17541	102	2.66	\$6,587.58*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	382	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	347	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3607	349	6.94	\$519.90*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4141	343	13.11	\$315.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	326	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4594	333	11.56	\$397.24
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5134	322	62.19	\$82.56*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5181	321	34.54	\$150.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6040	296	14.59	\$414.02*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6393	287	54.18	\$118.00*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6874	277	95.47	\$72.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7217	266	65.61	\$110.00*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7589	260	83.40	\$91.00
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7145	268	130.86	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7842	250	71.55	\$109.60*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2480	377	13.05	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	369	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4899	327	88.43	\$55.40*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5037	325	36.50	\$138.00*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5434	314	5.95	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7438	263	169.12	\$43.98
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7740	255	154.86	\$49.98
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7876	248	137.50	\$57.28
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4236	341	16.41	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5563	311	42.15	\$131.98
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5989	297	9.66	\$620.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8120	241	169.17	\$48.00
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8366	233	40.93	\$204.42*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8790	224	24.42	\$359.90*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10413	185	75.33	\$138.24*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10362	187	22.00	\$470.98*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	313	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	316	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	21833	62	8.94	\$2,442.00*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	38	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	70	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	21447	66	7.79	\$2,752.00
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25469	32	8.16	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	16758	108	6.47	\$2,589.98*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	23492	47	6.92	\$3,394.00*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	21392	67	5.38	\$3,974.16
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	28137	22	5.32	\$5,287.30
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35823	2	6.66	\$5,379.98*
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	34021	7	6.46	\$5,269.54*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28521	19	4.88	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	34296	6	5.22	\$6,572.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	11	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35368	4	4.51	\$7,848.14
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	35804	3	5.05	\$7,086.00*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	337	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	340	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	328	64.02	\$76.40*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	309	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6163	294	30.79	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6487	284	20.53	\$315.90*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6600	279	20.89	\$315.90*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	275	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	7001	274	131.10	\$53.40*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	246	88.60	\$89.60*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	273	220.31	\$31.80*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	219	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9618	206	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9746	203	33.40	\$291.78*
[Dual CPU] Intel Xeon MP 2.50GHz	550	408	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	410	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	404	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	390	NA	NA
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15441	122	16.44	\$939.32*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	18145	98	16.80	\$1,079.98*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19445	86	13.06	\$1,489.46*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	195	56.87	\$177.76*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10343	189	19.15	\$539.98*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	190	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4778	331	17.16	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	332	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	329	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5810	303	41.99	\$138.36*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6256	292	28.58	\$218.90*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7509	262	72.80	\$103.14*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7880	247	65.67	\$120.00
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8225	240	13.99	\$587.74*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7780	252	17.29	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8258	237	41.29	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8805	223	3.16	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9021	215	202.26	\$44.60*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	213	79.82	\$113.80*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9573	207	100.01	\$95.72
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	201	24.64	\$399.50*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11417	172	82.60	\$138.22
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11678	167	82.45	\$141.64
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	222	62.98	\$140.00
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12362	152	84.11	\$146.98
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10053	196	43.66	\$230.24*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12694	150	26.56	\$478.00
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11506	170	16.44	\$700.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	144	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13642	140	39.13	\$348.66
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	12010	159	63.92	\$187.90
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	14000	137	41.26	\$339.28
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8974	217	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	280	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	226	41.21	\$211.60*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	199	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	169	27.14	\$428.48*
[Dual CPU] Quad-Core AMD Opteron 2352	4232	342	60.46	\$70.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	324	15.28	\$330.00*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	339	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	338	199.09	\$21.98
[Dual CPU] Quad-Core AMD Opteron 8378	5382	315	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	278	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	306	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	300	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	235	NA	NA
[Quad CPU] AMD Opteron 6136	9767	202	6.80	\$1,436.00
[Quad CPU] AMD Opteron 6272	12292	154	9.46	\$1,300.00
[Quad CPU] AMD Opteron 6274	10488	183	12.49	\$840.00
[Quad CPU] AMD Opteron 6276	15342	124	12.42	\$1,235.56
[Quad CPU] AMD Opteron 6278	12055	158	4.35	\$2,770.00*
[Quad CPU] AMD Opteron 6376	14681	130	6.02	\$2,440.00
[Quad CPU] AMD Opteron 8360 SE	6490	283	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	295	NA	NA
[Quad CPU] AMD Opteron 8382	8553	229	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	264	NA	NA
[Quad CPU] AMD Opteron 8431	8252	238	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	271	17.93	\$395.96
[Quad CPU] AMD Opteron 8439 SE	8943	220	26.30	\$340.00
[Quad CPU] Intel Xeon 3.00GHz	1472	391	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	353	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	107	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	119	1.13	\$14,079.88*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	36	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	68	10.86	\$1,967.20*

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	117	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	9	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	104	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	103	1.13	\$15,352.00*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15952	118	1.21	\$13,175.16*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	149	15.87	\$799.96*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	272	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	253	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	193	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	208	7.31	\$1,310.40*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	214	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26690	25	5.15	\$5,179.96*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	204	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	1	1.10	\$40,060.00*
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	209	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12250	156	28.95	\$423.20*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	228	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	171	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	123	17.99	\$856.96*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	267	163.10	\$43.96

* - Last price seen from our affiliates.

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