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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	2592	NA	NA
AMD A4 Micro-6400T APU	1544	1783	NA	NA
AMD A4 PRO-3340B	2402	1396	NA	NA
AMD A4 PRO-7300B APU	2338	1415	NA	NA
AMD A4 PRO-7350B	2794	1263	NA	NA
AMD A4-1200 APU	639	2270	NA	NA
AMD A4-1250 APU	614	2280	NA	NA
AMD A4-3300 APU	1504	1806	115.80	\$12.99
AMD A4-3300M APU	1184	1969	39.50	\$29.99*
AMD A4-3305M APU	1220	1951	40.69	\$30.00*
AMD A4-3310MX APU	1291	1905	NA	NA
AMD A4-3320M APU	1253	1933	36.88	\$34.00
AMD A4-3330MX APU	1218	1952	NA	NA
AMD A4-3400 APU	1595	1765	18.15	\$87.95
AMD A4-3420 APU	1676	1717	NA	NA
AMD A4-4000 APU	1820	1647	60.69	\$29.99
AMD A4-4020 APU	1918	1591	19.19	\$100.00
AMD A4-4300M APU	1614	1752	40.51	\$39.86
AMD A4-4355M APU	1175	1971	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5000 APU	1908	1595	NA	NA
AMD A4-5050 APU	2113	1512	NA	NA
AMD A4-5100 APU	2037	1540	NA	NA
AMD A4-5150M APU	1844	1632	NA	NA
AMD A4-5300 APU	2010	1552	34.28	\$58.66
AMD A4-5300B APU	2116	1508	55.70	\$38.00*
AMD A4-6210 APU	2154	1490	NA	NA
AMD A4-6250J APU	2556	1339	NA	NA
AMD A4-6300 APU	2222	1470	39.94	\$55.64
AMD A4-6300B APU	2129	1502	21.30	\$100.00*
AMD A4-6320 APU	2331	1419	33.32	\$69.99
AMD A4-7210 APU	2503	1360	NA	NA
AMD A4-7300 APU	2290	1437	25.78	\$88.85
AMD A4-9120	1893	1607	NA	NA
AMD A6 Micro-6500T APU	1834	1640	NA	NA
AMD A6 PRO-7050B APU	1605	1756	NA	NA
AMD A6 PRO-7400B	2749	1281	NA	NA
AMD A6-1450 APU	1518	1797	NA	NA
AMD A6-3400M APU	1886	1614	62.94	\$29.97*
AMD A6-3410MX APU	2054	1535	68.49	\$29.99*
AMD A6-3420M APU	2002	1555	NA	NA
AMD A6-3430MX APU	2225	1469	NA	NA
AMD A6-3500 APU	2011	1551	50.31	\$39.99
AMD A6-3600 APU	2703	1293	117.61	\$22.99*
AMD A6-3620 APU	2803	1260	46.73	\$59.99*
AMD A6-3650 APU	3157	1146	21.05	\$149.99*
AMD A6-3670 APU	3193	1130	63.88	\$49.99
AMD A6-4400M APU	1633	1742	40.98	\$39.86*
AMD A6-4455M APU	1282	1914	NA	NA
AMD A6-5200 APU	2424	1388	NA	NA
AMD A6-5345M APU	1476	1816	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	1901	1600	44.09	\$43.12
AMD A6-5357M APU	1938	1581	NA	NA
AMD A6-5400B APU	2194	1481	20.89	\$105.04*
AMD A6-5400K APU	2149	1494	17.48	\$123.00
AMD A6-6310 APU	2441	1382	NA	NA
AMD A6-6400B APU	2281	1447	NA	NA
AMD A6-6400K APU	2302	1434	32.90	\$69.99
AMD A6-6420B APU	2612	1318	NA	NA
AMD A6-6420K APU	2361	1412	15.75	\$149.99*
AMD A6-7000	1671	1720	NA	NA
AMD A6-7310 APU	2667	1302	NA	NA
AMD A6-7400K APU	2783	1265	55.69	\$49.98
AMD A6-7470K	2777	1267	39.69	\$69.99
AMD A6-8500P	2202	1478	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-8550	3104	1159	NA	NA
AMD A6-9200	1721	1688	NA	NA
AMD A6-9210	1878	1617	NA	NA
AMD A6-9220	2208	1474	NA	NA
AMD A6-9220e	1582	1769	NA	NA
AMD A6-9225	2442	1381	NA	NA
AMD A6-9230	2102	1515	NA	NA
AMD A6-9500	2973	1202	53.37	\$55.71
AMD A8 PRO-7150B APU	2670	1301	NA	NA
AMD A8 PRO-7600B APU	4811	777	NA	NA
AMD A8-3500M APU	1972	1567	28.19	\$69.95
AMD A8-3510MX APU	2369	1408	NA	NA
AMD A8-3520M APU	2178	1486	NA	NA
AMD A8-3530MX APU	2378	1404	NA	NA
AMD A8-3550MX APU	2610	1319	NA	NA
AMD A8-3800 APU	3040	1181	17.89	\$169.99*
AMD A8-3820 APU	3135	1151	25.09	\$124.99*
AMD A8-3850 APU	3469	1057	26.33	\$131.79*
AMD A8-3870K APU	3558	1032	17.65	\$201.54*
AMD A8-4500M APU	2664	1304	NA	NA
AMD A8-4555M APU	2126	1506	NA	NA
AMD A8-5500 APU	3992	931	30.95	\$129.00*
AMD A8-5500B APU	3950	939	NA	NA
AMD A8-5545M APU	2581	1330	NA	NA
AMD A8-5550M APU	3006	1191	NA	NA
AMD A8-5557M APU	2961	1206	NA	NA
AMD A8-5600K APU	4340	867	24.12	\$179.95
AMD A8-6410 APU	2569	1337	NA	NA
AMD A8-6500 APU	4387	855	27.25	\$160.99*
AMD A8-6500B APU	4603	815	NA	NA
AMD A8-6500T APU	3221	1118	NA	NA
AMD A8-6600K APU	4582	820	24.24	\$189.04*
AMD A8-7050	1986	1561	NA	NA
AMD A8-7100 APU	2810	1258	NA	NA
AMD A8-7200P	3300	1099	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7410 APU	2741	1284	NA	NA
AMD A8-7600 APU	5095	721	78.41	\$64.99*
AMD A8-7650K	4930	756	66.64	\$73.99
AMD A8-7670K	5105	718	31.69	\$161.10
AMD A8-8600P	3248	1110	NA	NA
AMD A8-8650	5470	664	NA	NA
AMD A8-9600	5007	743	77.31	\$64.77
AMD A9-9400	2309	1427	NA	NA
AMD A9-9410	2555	1340	NA	NA
AMD A9-9420	2308	1428	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A9-9420e	1832	1642	NA	NA
AMD A9-9425	2774	1269	NA	NA
AMD A9-9430	2513	1355	NA	NA
AMD A10 Micro-6700T APU	1890	1609	NA	NA
AMD A10 PRO-7350B APU	3212	1126	NA	NA
AMD A10 PRO-7800B APU	5352	686	NA	NA
AMD A10 PRO-7850B APU	5467	665	NA	NA
AMD A10-4600M APU	3111	1158	NA	NA
AMD A10-4655M APU	2592	1325	NA	NA
AMD A10-4657M APU	2906	1226	NA	NA
AMD A10-5700 APU	4208	890	13.23	\$318.07
AMD A10-5745M APU	2759	1277	NA	NA
AMD A10-5750M APU	3341	1090	NA	NA
AMD A10-5757M APU	3082	1166	NA	NA
AMD A10-5800B APU	4651	800	NA	NA
AMD A10-5800K APU	4637	803	36.81	\$125.99*
AMD A10-6700 APU	4596	817	9.05	\$508.16*
AMD A10-6700T APU	3691	1005	25.01	\$147.61*
AMD A10-6790K APU	4704	791	22.75	\$206.82*
AMD A10-6800B APU	4991	745	NA	NA
AMD A10-6800K APU	4858	766	16.94	\$286.85*
AMD A10-7300 APU	2905	1228	NA	NA
AMD A10-7400P	3636	1012	NA	NA
AMD A10-7700K APU	5130	713	49.62	\$103.39
AMD A10-7800 APU	4998	744	48.35	\$103.39
AMD A10-7850K APU	5475	661	42.12	\$129.99
AMD A10-7860K	5094	722	12.80	\$398.00
AMD A10-7870K	5473	662	24.11	\$226.99
AMD A10-7890K	5747	632	28.74	\$199.99
AMD A10-8700P	3450	1060	NA	NA
AMD A10-8750	5091	724	NA	NA
AMD A10-8850	5616	645	NA	NA
AMD A10-9600P	3799	971	NA	NA
AMD A10-9620P	3703	1003	NA	NA
AMD A10-9630P	4497	836	NA	NA
AMD A10-9700	5444	673	77.78	\$69.99
AMD A10-9700E	4687	795	66.98	\$69.99
AMD A12-9700P	3732	992	NA	NA
AMD A12-9720P	4020	924	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A12-9730P	4381	857	NA	NA
AMD A12-9800	5516	659	42.44	\$129.99
AMD A12-9800E	5060	730	50.61	\$99.99
AMD Athlon64 X2 Dual Core 3800+	970	2099	NA	NA
AMD Athlon64 X2 Dual Core 4200+	1006	2073	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	2011	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 4	279	2612	7.00	\$39.99
AMD Athlon 64 2000+	116	2746	NA	NA
AMD Athlon 64 2200+	575	2303	NA	NA
AMD Athlon 64 2600+	374	2485	NA	NA
AMD Athlon 64 2800+	438	2415	4.38	\$99.99*
AMD Athlon 64 3000+	463	2385	7.72	\$60.00
AMD Athlon 64 3200+	491	2352	3.28	\$149.95*
AMD Athlon 64 3300+	576	2302	NA	NA
AMD Athlon 64 3400+	546	2315	NA	NA
AMD Athlon 64 3500+	539	2321	4.96	\$108.95
AMD Athlon 64 3600+	601	2289	NA	NA
AMD Athlon 64 3700+	599	2290	8.69	\$69.00*
AMD Athlon 64 3800+	589	2292	5.41	\$108.95*
AMD Athlon 64 4000+	605	2284	20.19	\$30.00
AMD Athlon 64 FX-25	794	2197	NA	NA
AMD Athlon 64 FX-34	380	2476	NA	NA
AMD Athlon 64 FX-51	437	2416	NA	NA
AMD Athlon 64 FX-53	646	2264	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2228	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2224	NA	NA
AMD Athlon 64 FX-59	715	2232	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1915	NA	NA
AMD Athlon 64 FX-62 Dual Core	1579	1770	NA	NA
AMD Athlon 64 FX-72	1794	1655	NA	NA
AMD Athlon 64 FX-74	1495	1809	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2111	NA	NA
AMD Athlon 64 X2 4200+	1285	1911	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1864	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2084	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	969	2100	16.15	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1001	2076	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1040	2051	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	2015	8.45	\$129.95
AMD Athlon 64 X2 Dual Core 4400+	1146	1995	5.73	\$199.95*
AMD Athlon 64 X2 Dual Core 4600+	1222	1949	3.40	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1254	1932	2.73	\$459.95*
AMD Athlon 64 X2 Dual Core 5000+	1312	1890	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1383	1854	26.06	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1444	1829	27.27	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1483	1814	9.90	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1788	38.26	\$39.95*
AMD Athlon 64 X2 Dual Core 6000+	1604	1758	49.38	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1791	1656	6.89	\$259.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core BE-230	1095	2019	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2030	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	2049	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2177	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2178	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2098	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2156	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2188	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	872	2157	11.99	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	928	2130	NA	NA
AMD Athlon 64 X2 QL-60	918	2140	NA	NA
AMD Athlon 64 X2 QL-62	1014	2067	NA	NA
AMD Athlon 64 X2 QL-64	989	2088	NA	NA
AMD Athlon 64 X2 QL-65	1047	2047	NA	NA
AMD Athlon 64 X2 QL-66	947	2116	NA	NA
AMD Athlon 64 X2 QL-67	1006	2072	NA	NA
AMD Athlon 64 X2 TK-55	955	2112	NA	NA
AMD Athlon 64 X2 TK-57	988	2089	NA	NA
AMD Athlon 200GE	5036	735	NA	NA
AMD Athlon 1500+	294	2585	NA	NA
AMD Athlon 1640B	678	2253	13.57	\$50.00*
AMD Athlon 1700+	349	2515	NA	NA
AMD Athlon 2000+	390	2471	NA	NA
AMD Athlon 2100+	412	2436	NA	NA
AMD Athlon 2200+	363	2502	4.55	\$79.99*
AMD Athlon 2400+	462	2387	NA	NA
AMD Athlon 2500+	374	2483	2.04	\$183.99*
AMD Athlon 2600+	444	2405	4.23	\$104.95*
AMD Athlon 2650e	409	2441	21.56	\$19.00*
AMD Athlon 2800+	447	2402	3.20	\$139.95*
AMD Athlon 2850e	504	2347	NA	NA
AMD Athlon 3100+	485	2365	NA	NA
AMD Athlon 3200+	458	2390	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	1904	12.93	\$99.95*
AMD Athlon 5150 APU	2095	1519	13.10	\$159.95
AMD Athlon 5200 Dual-Core	1248	1936	41.64	\$29.99
AMD Athlon 5350 APU	2603	1323	7.85	\$331.40*
AMD Athlon 5370 APU	2898	1233	45.51	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1826	NA	NA
AMD Athlon 7550 Dual-Core	1458	1821	24.30	\$60.00*
AMD Athlon 7750 Dual-Core	1578	1771	10.61	\$148.71*
AMD Athlon 7850 Dual-Core	1715	1691	8.18	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2595	NA	NA
AMD Athlon Dual Core 4050e	1086	2026	NA	NA
AMD Athlon Dual Core 4450B	1162	1984	37.49	\$31.00*
AMD Athlon Dual Core 4450e	1099	2014	NA	NA
AMD Athlon Dual Core 4850B	1447	1827	NA	NA
AMD Athlon Dual Core 4850e	1312	1891	33.65	\$39.00*
AMD Athlon Dual Core 5000B	1300	1897	13.69	\$95.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 5050e	1347	1876	22.45	\$60.00*
AMD Athlon Dual Core 5200B	1319	1889	NA	NA
AMD Athlon Dual Core 5400B	1399	1847	NA	NA
AMD Athlon Dual Core 5600B	1304	1896	NA	NA
AMD Athlon II 160u	560	2311	18.68	\$29.99*
AMD Athlon II 170u	622	2277	20.80	\$29.95*
AMD Athlon II Dual-Core M300	1115	2003	NA	NA
AMD Athlon II Dual-Core M320	1140	1998	38.01	\$30.00*
AMD Athlon II Dual-Core M340	1056	2044	NA	NA
AMD Athlon II N330 Dual-Core	1154	1988	NA	NA
AMD Athlon II N350 Dual-Core	1247	1939	NA	NA
AMD Athlon II N370 Dual-Core	1559	1779	NA	NA
AMD Athlon II Neo K125	472	2378	NA	NA
AMD Athlon II Neo K145	525	2329	NA	NA
AMD Athlon II Neo K325 Dual-Core	774	2204	29.81	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2169	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2198	NA	NA
AMD Athlon II P320 Dual-Core	1216	1953	40.62	\$29.95*
AMD Athlon II P340 Dual-Core	1248	1938	27.77	\$44.95*
AMD Athlon II P360 Dual-Core	1322	1888	45.38	\$29.15
AMD Athlon II X2 210e	1486	1812	NA	NA
AMD Athlon II X2 215	1577	1772	131.59	\$11.99*
AMD Athlon II X2 220	1634	1741	50.76	\$32.19
AMD Athlon II X2 225	1526	1789	NA	NA
AMD Athlon II X2 235e	1660	1729	9.13	\$181.88*
AMD Athlon II X2 240	1643	1736	47.02	\$34.95*
AMD Athlon II X2 240e	1696	1707	48.55	\$34.95*
AMD Athlon II X2 245	1662	1727	47.56	\$34.95*
AMD Athlon II X2 245e	1706	1697	21.33	\$80.00*
AMD Athlon II X2 250	1742	1676	44.74	\$38.95
AMD Athlon II X2 250e	1949	1579	25.41	\$76.73*
AMD Athlon II X2 250u	1000	2077	28.62	\$34.95*
AMD Athlon II X2 255	1848	1630	28.34	\$65.22*
AMD Athlon II X2 260	1874	1620	39.05	\$48.00*
AMD Athlon II X2 260u	1105	2012	13.25	\$83.44*
AMD Athlon II X2 265	1890	1610	22.81	\$82.88*
AMD Athlon II X2 270	1984	1562	42.67	\$46.50*
AMD Athlon II X2 270u	1350	1873	19.96	\$67.67*
AMD Athlon II X2 280	2133	1500	21.34	\$99.99*
AMD Athlon II X2 4300e	1350	1872	NA	NA
AMD Athlon II X2 4400e	1618	1750	NA	NA
AMD Athlon II X2 4450e	1504	1804	NA	NA
AMD Athlon II X2 B22	1711	1693	47.62	\$35.95*
AMD Athlon II X2 B24	1770	1664	44.33	\$39.95*
AMD Athlon II X2 B26	1880	1615	41.82	\$44.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 B28	2089	1521	42.60	\$49.05*
AMD Athlon II X3 400e	2009	1553	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1544	25.32	\$79.99*
AMD Athlon II X3 415e	2247	1459	29.97	\$75.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 420e	2285	1441	19.68	\$116.15*
AMD Athlon II X3 425	2311	1426	22.18	\$104.21
AMD Athlon II X3 425e	2239	1464	NA	NA
AMD Athlon II X3 435	2472	1370	49.46	\$49.99
AMD Athlon II X3 440	2571	1335	54.78	\$46.95*
AMD Athlon II X3 445	2577	1332	28.32	\$91.00*
AMD Athlon II X3 450	2626	1313	65.68	\$39.99
AMD Athlon II X3 455	2768	1271	23.70	\$116.85
AMD Athlon II X3 460	2857	1242	57.17	\$49.99*
AMD Athlon II X4 553	3814	967	NA	NA
AMD Athlon II X4 555	3830	964	NA	NA
AMD Athlon II X4 559	4142	905	NA	NA
AMD Athlon II X4 600e	2453	1377	18.84	\$130.23*
AMD Athlon II X4 605e	2750	1280	27.01	\$101.80*
AMD Athlon II X4 610e	2800	1262	40.01	\$69.99*
AMD Athlon II X4 615e	2901	1232	49.17	\$59.00*
AMD Athlon II X4 620	2939	1214	49.03	\$59.95*
AMD Athlon II X4 620e	2906	1227	NA	NA
AMD Athlon II X4 630	3134	1153	49.80	\$62.95
AMD Athlon II X4 631 Quad-Core	3153	1149	39.42	\$80.00*
AMD Athlon II X4 635	3245	1111	46.40	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1129	NA	NA
AMD Athlon II X4 640	3315	1095	41.47	\$79.95
AMD Athlon II X4 641 Quad-Core	3346	1088	36.57	\$91.50*
AMD Athlon II X4 645	3474	1054	43.46	\$79.95*
AMD Athlon II X4 650	3479	1052	20.89	\$166.60*
AMD Athlon II X4 651 Quad-Core	3565	1029	20.03	\$178.04*
AMD Athlon II X4 655	2998	1194	NA	NA
AMD Athlon II X4 6400e	2594	1324	NA	NA
AMD Athlon L110	306	2562	NA	NA
AMD Athlon LE-1600	567	2308	27.04	\$21.00*
AMD Athlon LE-1620	572	2305	31.83	\$18.00*
AMD Athlon LE-1640	630	2274	NA	NA
AMD Athlon LE-1660	688	2247	NA	NA
AMD Athlon MP	230	2667	4.20	\$54.95*
AMD Athlon MP 1700+	339	2527	NA	NA
AMD Athlon MP 2400+	436	2417	NA	NA
AMD Athlon MP 2800+	497	2350	NA	NA
AMD Athlon Neo MV-40	409	2442	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2075	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2203	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Neo X2 Dual Core L335	824	2183	NA	NA
AMD Athlon PRO 200GE	5261	701	NA	NA
AMD Athlon QI-46	473	2377	NA	NA
AMD Athlon TF-20	414	2434	NA	NA
AMD Athlon TF-36	358	2505	NA	NA
AMD Athlon X2 215	1543	1784	NA	NA
AMD Athlon X2 235e	1806	1651	NA	NA
AMD Athlon X2 240	1575	1776	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 240e	1670	1721	NA	NA
AMD Athlon X2 250	1696	1708	NA	NA
AMD Athlon X2 255	1627	1745	NA	NA
AMD Athlon X2 280	2303	1432	13.17	\$174.81*
AMD Athlon X2 340 Dual Core	1901	1601	38.03	\$49.99
AMD Athlon X2 370K Dual Core	2251	1457	NA	NA
AMD Athlon X2 440	1424	1839	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2201	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2078	NA	NA
AMD Athlon X2 Dual Core BE-2300	925	2134	NA	NA
AMD Athlon X2 Dual Core BE-2350	1104	2013	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	1954	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1934	NA	NA
AMD Athlon X2 Dual Core L310	643	2267	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2070	NA	NA
AMD Athlon X3 425	2191	1482	NA	NA
AMD Athlon X3 435	2574	1334	26.96	\$95.49*
AMD Athlon X3 440	2078	1526	23.62	\$87.99*
AMD Athlon X3 445	2314	1424	NA	NA
AMD Athlon X3 450	3064	1173	38.80	\$78.99*
AMD Athlon X3 455	2401	1397	NA	NA
AMD Athlon X4 605e	2505	1359	NA	NA
AMD Athlon X4 620	2861	1240	47.74	\$59.95
AMD Athlon X4 635	2891	1235	23.71	\$121.99*
AMD Athlon X4 640	3172	1137	NA	NA
AMD Athlon X4 740 Quad Core	4007	928	14.47	\$277.00*
AMD Athlon X4 750 Quad Core	4551	827	NA	NA
AMD Athlon X4 750K Quad Core	4250	885	55.21	\$76.99*
AMD Athlon X4 760K Quad Core	4592	819	99.83	\$46.00
AMD Athlon X4 830	4701	793	NA	NA
AMD Athlon X4 840	5035	736	63.95	\$78.74*
AMD Athlon X4 845	5422	676	110.44	\$49.10
AMD Athlon X4 860K	5438	674	85.00	\$63.98
AMD Athlon X4 870K	5293	697	88.24	\$59.99
AMD Athlon X4 880K	5568	652	67.44	\$82.57
AMD Athlon X4 950	5298	696	88.33	\$59.99
AMD Athlon XP1600+	281	2607	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	2663	NA	NA
AMD Athlon XP1900+	353	2511	NA	NA
AMD Athlon XP2100+	287	2597	NA	NA
AMD Athlon XP2200+	401	2455	NA	NA
AMD Athlon XP2400+	374	2484	NA	NA
AMD Athlon XP 1500	282	2606	NA	NA
AMD Athlon XP 1500+	257	2638	NA	NA
AMD Athlon XP 1600+	267	2627	NA	NA
AMD Athlon XP 1700	344	2523	NA	NA
AMD Athlon XP 1700+	271	2621	NA	NA
AMD Athlon XP 1800+	300	2573	5.10	\$58.95*
AMD Athlon XP 1900+	312	2555	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2000+	299	2574	12.00	\$24.99*
AMD Athlon XP 2100+	323	2539	NA	NA
AMD Athlon XP 2200+	328	2537	3.87	\$84.95*
AMD Athlon XP 2300+	464	2384	NA	NA
AMD Athlon XP 2400+	360	2504	4.01	\$89.99*
AMD Athlon XP 2500+	355	2508	NA	NA
AMD Athlon XP 2600+	372	2488	16.18	\$23.03*
AMD Athlon XP 2700+	393	2465	4.64	\$84.79*
AMD Athlon XP 2800+	399	2458	NA	NA
AMD Athlon XP 2900+	440	2410	NA	NA
AMD Athlon XP 3000+	402	2454	5.05	\$79.70*
AMD Athlon XP 3100+	433	2423	NA	NA
AMD Athlon XP 3200+	433	2422	NA	NA
AMD Athlon XP 3400+	570	2307	NA	NA
AMD Athlon XP Pro3+	367	2494	NA	NA
AMD Athlon XP-M	541	2320	15.48	\$34.95*
AMD C-30	310	2558	NA	NA
AMD C-50	463	2386	NA	NA
AMD C-60	476	2375	NA	NA
AMD C-60 APU	544	2316	NA	NA
AMD C-70 APU	565	2309	NA	NA
AMD E1 Micro-6200T APU	960	2109	NA	NA
AMD E1-1200 APU	657	2260	NA	NA
AMD E1-1500 APU	687	2248	NA	NA
AMD E1-2100 APU	633	2272	NA	NA
AMD E1-2200 APU	767	2206	NA	NA
AMD E1-2500 APU	891	2153	NA	NA
AMD E1-6010 APU	857	2168	NA	NA
AMD E1-6015 APU	895	2152	NA	NA
AMD E1-7010 APU	1011	2069	NA	NA
AMD E2-1800 APU	819	2186	NA	NA
AMD E2-2000 APU	829	2182	NA	NA
AMD E2-3000 APU	1088	2024	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E2-3000M APU	1094	2020	54.72	\$20.00*
AMD E2-3200 APU	1428	1834	178.82	\$7.99*
AMD E2-3800 APU	1644	1734	NA	NA
AMD E2-6110 APU	1900	1602	NA	NA
AMD E2-7110 APU	2284	1444	NA	NA
AMD E2-9000	1612	1755	NA	NA
AMD E2-9000e	1348	1874	NA	NA
AMD E2-9010	1774	1662	NA	NA
AMD E-240	318	2545	NA	NA
AMD E-300 APU	612	2283	NA	NA
AMD E-350	747	2218	NA	NA
AMD E-350 APU	757	2214	NA	NA
AMD E-350D APU	723	2227	NA	NA
AMD E-450 APU	767	2207	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1673	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1522	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded G-Series GX-420GI Radeon R7E	2509	1356	NA	NA
AMD Embedded R-Series RX-216GD	2409	1392	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	728	NA	NA
AMD Embedded R-Series RX-421BD	4635	805	NA	NA
AMD EPYC 7251 8-Core	10679	215	21.40	\$498.99
AMD EPYC 7351P	15820	92	19.93	\$793.63
AMD EPYC 7401P	18546	48	17.25	\$1,075.00
AMD EPYC 7501	18942	45	4.01	\$4,728.78
AMD EPYC 7551	18483	50	4.89	\$3,776.99
AMD FirePro A320 APU	4540	829	NA	NA
AMD FX-670K Quad-Core	4532	833	NA	NA
AMD FX-770K Quad-Core	4788	782	NA	NA
AMD FX-870K Quad Core	5126	714	NA	NA
AMD FX-4100 Quad-Core	4066	914	31.29	\$129.99*
AMD FX-4130 Quad-Core	4174	898	54.93	\$75.99*
AMD FX-4150 Quad-Core	4594	818	NA	NA
AMD FX-4170 Quad-Core	4854	768	48.55	\$99.99
AMD FX-4200 Quad-Core	4261	880	18.68	\$228.21*
AMD FX-4300 Quad-Core	4682	796	87.71	\$53.39
AMD FX-4320	5015	740	NA	NA
AMD FX-4330	5321	694	NA	NA
AMD FX-4350 Quad-Core	5333	691	41.03	\$129.99
AMD FX-6100 Six-Core	5378	681	17.99	\$299.00
AMD FX-6120 Six-Core	5749	631	NA	NA
AMD FX-6130 Six-Core	6215	578	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-6200 Six-Core	6124	590	18.02	\$339.95
AMD FX-6300 Six-Core	6385	571	108.24	\$58.99
AMD FX-6330 Six-Core	6916	519	NA	NA
AMD FX-6350 Six-Core	6989	511	53.77	\$129.99
AMD FX-7500 APU	3215	1123	NA	NA
AMD FX-7600P	4053	917	NA	NA
AMD FX-7600P APU	4627	807	NA	NA
AMD FX-8100 Eight-Core	6018	601	42.39	\$142.00*
AMD FX-8120 Eight-Core	6595	547	65.96	\$99.99
AMD FX-8140 Eight-Core	6033	600	NA	NA
AMD FX-8150 Eight-Core	7625	453	19.88	\$383.50*
AMD FX-8300 Eight-Core	7715	444	84.32	\$91.50
AMD FX-8310 Eight-Core	7756	439	NA	NA
AMD FX-8320 Eight-Core	8018	419	102.81	\$78.00
AMD FX-8320E Eight-Core	7539	457	74.64	\$101.00
AMD FX-8350 Eight-Core	8948	346	111.87	\$79.99
AMD FX-8370 Eight-Core	9024	338	71.07	\$126.99
AMD FX-8370E Eight-Core	7804	433	41.01	\$190.34
AMD FX-8800P	4143	904	NA	NA
AMD FX-9370 Eight-Core	9469	299	52.94	\$178.89
AMD FX-9590 Eight-Core	10190	239	76.20	\$133.74
AMD FX-9800P	3999	930	NA	NA
AMD FX-9830P	4756	786	NA	NA
AMD FX-B4150 Quad-Core	4611	811	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T40E	485	2363	NA	NA
AMD G-T40N	516	2335	NA	NA
AMD G-T44R	227	2669	NA	NA
AMD G-T48E	716	2231	NA	NA
AMD G-T52R	303	2567	NA	NA
AMD G-T56E	751	2216	NA	NA
AMD G-T56N	791	2199	NA	NA
AMD Geode NX	264	2630	NA	NA
AMD Geode NX 1750	291	2586	NA	NA
AMD GX-210JA SOC	401	2456	NA	NA
AMD GX-212JC SOC	744	2219	NA	NA
AMD GX-217GA SOC	1097	2016	NA	NA
AMD GX-218GL SOC	1115	2002	NA	NA
AMD GX-222GC SOC	1255	1931	NA	NA
AMD GX-412HC	1497	1808	NA	NA
AMD GX-415GA SOC	1950	1578	NA	NA
AMD GX-420CA SOC	2334	1417	NA	NA
AMD GX-424CC SOC	2488	1365	NA	NA
AMD K7	403	2451	NA	NA
AMD Opteron 140	396	2461	0.56	\$710.00*
AMD Opteron 142	428	2428	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 144	486	2362	7.48	\$65.00*
AMD Opteron 146	532	2326	8.87	\$59.99*
AMD Opteron 148	603	2288	NA	NA
AMD Opteron 150	604	2286	NA	NA
AMD Opteron 152	658	2258	NA	NA
AMD Opteron 154	703	2241	NA	NA
AMD Opteron 165	899	2150	1.47	\$610.00*
AMD Opteron 170	1097	2017	NA	NA
AMD Opteron 175	1167	1978	NA	NA
AMD Opteron 180	1228	1946	9.45	\$129.95*
AMD Opteron 185	1360	1868	NA	NA
AMD Opteron 246	632	2273	31.62	\$19.99
AMD Opteron 248	476	2374	4.77	\$99.95
AMD Opteron 250	649	2263	59.01	\$11.00*
AMD Opteron 252	760	2211	12.00	\$63.36*
AMD Opteron 254	693	2244	NA	NA
AMD Opteron 256	963	2106	50.72	\$19.00*
AMD Opteron 265	963	2107	6.02	\$159.95*
AMD Opteron 270	1083	2029	1.78	\$607.47*
AMD Opteron 275	1291	1907	19.87	\$64.99
AMD Opteron 280	1272	1922	1.60	\$796.67*
AMD Opteron 285	1470	1817	NA	NA
AMD Opteron 290	1464	1819	10.85	\$135.00*
AMD Opteron 1210	923	2136	NA	NA
AMD Opteron 1210 HE	971	2097	NA	NA
AMD Opteron 1212	1009	2071	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1894	NA	NA
AMD Opteron 1214	1191	1965	4.11	\$290.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1214 HE	1299	1898	NA	NA
AMD Opteron 1216	1311	1892	23.91	\$54.85*
AMD Opteron 1216 HE	1172	1975	NA	NA
AMD Opteron 1218	1468	1818	NA	NA
AMD Opteron 1218 HE	1444	1830	NA	NA
AMD Opteron 1220	1653	1733	NA	NA
AMD Opteron 1222	1757	1669	NA	NA
AMD Opteron 1352	2316	1423	17.04	\$135.99*
AMD Opteron 1354	2630	1312	8.49	\$309.97*
AMD Opteron 1356	2765	1273	30.73	\$89.99*
AMD Opteron 1381	3065	1172	NA	NA
AMD Opteron 2212	1270	1926	105.89	\$12.00*
AMD Opteron 2214	1358	1870	46.85	\$29.00
AMD Opteron 2214 HE	1415	1842	NA	NA
AMD Opteron 2216	1518	1799	8.53	\$178.00*
AMD Opteron 2218	1594	1766	49.18	\$32.42*
AMD Opteron 2220	1701	1704	1.15	\$1,475.16*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2220 SE	1398	1848	55.92	\$25.00
AMD Opteron 2222	1843	1633	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1590	NA	NA
AMD Opteron 2350	2820	1251	10.45	\$269.99*
AMD Opteron 2356	2814	1255	188.25	\$14.95
AMD Opteron 2373 EE	2789	1264	NA	NA
AMD Opteron 2374 HE	2951	1209	15.53	\$189.99*
AMD Opteron 2376	2283	1445	13.69	\$166.80*
AMD Opteron 2378	3179	1132	17.76	\$179.00*
AMD Opteron 2380	2640	1309	105.64	\$25.00*
AMD Opteron 2384	3538	1037	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1038	NA	NA
AMD Opteron 2393 SE	2246	1460	NA	NA
AMD Opteron 2427	3069	1170	31.00	\$99.00
AMD Opteron 2431	4516	834	112.91	\$40.00*
AMD Opteron 2435	4708	790	39.11	\$120.40*
AMD Opteron 3260 HE	3259	1106	NA	NA
AMD Opteron 3280	5286	699	19.35	\$273.18*
AMD Opteron 3320 EE	2675	1300	NA	NA
AMD Opteron 3350 HE	4009	927	NA	NA
AMD Opteron 3365	5929	608	NA	NA
AMD Opteron 3380	6384	572	7.89	\$809.00*
AMD Opteron 4122	2942	1213	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1139	NA	NA
AMD Opteron 4184	4418	848	8.50	\$519.95*
AMD Opteron 4280	6430	566	128.63	\$49.99
AMD Opteron 4284	6660	540	111.03	\$59.99
AMD Opteron 4332 HE	5614	646	NA	NA
AMD Opteron 4334	6133	589	28.34	\$216.42*
AMD Opteron 4365 EE	5025	737	NA	NA
AMD Opteron 4386	5419	677	38.71	\$139.99
AMD Opteron 6128	4505	835	214.63	\$20.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6134	2938	1215	8.93	\$329.00
AMD Opteron 6136	4631	806	12.90	\$359.00*
AMD Opteron 6164 HE	5351	687	NA	NA
AMD Opteron 6174	6171	584	29.39	\$209.98
AMD Opteron 6176 SE	5446	670	19.73	\$276.03
AMD Opteron 6212	5776	627	192.62	\$29.99
AMD Opteron 6220	6785	527	113.11	\$59.99
AMD Opteron 6234	5979	603	85.44	\$69.99*
AMD Opteron 6238	7316	477	121.96	\$59.99
AMD Opteron 6272	6748	532	135.00	\$49.99
AMD Opteron 6274	4865	764	23.17	\$210.00*
AMD Opteron 6276	9011	339	112.66	\$79.99
AMD Opteron 6282 SE	9116	330	70.13	\$129.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6287 SE	9789	274	NA	NA
AMD Opteron 6328	7813	432	39.07	\$199.99
AMD Opteron 6366 HE	7503	461	37.52	\$199.99
AMD Opteron 6376	9414	306	144.84	\$65.00
AMD Opteron 6378	2152	1492	10.76	\$199.99
AMD Opteron 6380	10081	250	100.83	\$99.99
AMD Opteron 6386 SE	10748	211	71.66	\$149.99
AMD Opteron 8354	2255	1455	102.52	\$22.00
AMD Opteron 8439 SE	3813	968	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1174	NA	NA
AMD Opteron X3216 APU	2368	1409	NA	NA
AMD Opteron X3421 APU	4894	760	NA	NA
AMD Phenom 2 X4 12000	3005	1192	NA	NA
AMD Phenom 7950 Quad-Core	2991	1197	NA	NA
AMD Phenom 8250 Triple-Core	1644	1735	NA	NA
AMD Phenom 8250e Triple-Core	1619	1749	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1637	1740	NA	NA
AMD Phenom 8450 Triple-Core	1888	1613	63.04	\$29.95*
AMD Phenom 8450e Triple-Core	2040	1538	NA	NA
AMD Phenom 8600 Triple-Core	1703	1701	32.15	\$52.99*
AMD Phenom 8600B Triple-Core	1919	1589	36.23	\$52.99*
AMD Phenom 8650 Triple-Core	1991	1558	39.85	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1532	NA	NA
AMD Phenom 8750B Triple-Core	2034	1541	NA	NA
AMD Phenom 8850 Triple-Core	2026	1543	NA	NA
AMD Phenom 8850B Triple-Core	2080	1525	NA	NA
AMD Phenom 9100e Quad-Core	1835	1638	45.96	\$39.95*
AMD Phenom 9150e Quad-Core	2113	1511	52.90	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1422	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1316	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2204	1477	24.50	\$89.96*
AMD Phenom 9550 Quad-Core	2545	1341	63.71	\$39.95*
AMD Phenom 9600 Quad-Core	2304	1431	46.13	\$49.95
AMD Phenom 9600B Quad-Core	2577	1333	17.51	\$147.19*
AMD Phenom 9650 Quad-Core	2640	1310	48.05	\$54.95*
AMD Phenom 9750 Quad-Core	2813	1256	46.93	\$59.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9750B Quad-Core	2709	1291	NA	NA
AMD Phenom 9850 Quad-Core	2893	1234	57.87	\$50.00*
AMD Phenom 9850B Quad-Core	3160	1144	NA	NA
AMD Phenom 9950 Quad-Core	3014	1189	16.75	\$179.98*
AMD Phenom FX-5000 Quad-Core	2518	1352	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1210	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1016	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1050	NA	NA
AMD Phenom II N620 Dual-Core	1681	1715	42.18	\$39.86*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N640 Dual-Core	1740	1680	26.80	\$64.95*
AMD Phenom II N660 Dual-Core	1853	1627	18.72	\$99.00*
AMD Phenom II N830 3+1	2652	1306	NA	NA
AMD Phenom II N830 Triple-Core	1889	1611	NA	NA
AMD Phenom II N850 Triple-Core	1935	1582	77.42	\$25.00*
AMD Phenom II N870 Triple-Core	1988	1560	NA	NA
AMD Phenom II N930 Quad-Core	2268	1451	17.46	\$129.95*
AMD Phenom II N950 Quad-Core	2484	1368	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2523	1350	16.83	\$149.99*
AMD Phenom II P650 Dual-Core	1604	1759	45.85	\$35.00*
AMD Phenom II P820 Triple-Core	1602	1761	NA	NA
AMD Phenom II P840 Triple-Core	1738	1681	NA	NA
AMD Phenom II P860 Triple-Core	1759	1667	NA	NA
AMD Phenom II P920 Quad-Core	1866	1623	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1646	NA	NA
AMD Phenom II P960 Quad-Core	2087	1523	74.56	\$28.00*
AMD Phenom II X2 511	2104	1514	NA	NA
AMD Phenom II X2 521	2077	1527	NA	NA
AMD Phenom II X2 545	1911	1594	43.46	\$43.98
AMD Phenom II X2 550	2020	1546	40.42	\$49.99
AMD Phenom II X2 555	2043	1537	14.38	\$142.14
AMD Phenom II X2 560	2057	1533	51.46	\$39.99
AMD Phenom II X2 565	2211	1472	73.73	\$29.99
AMD Phenom II X2 570	1960	1573	NA	NA
AMD Phenom II X2 B53	1709	1694	NA	NA
AMD Phenom II X2 B55	1931	1584	40.24	\$48.00*
AMD Phenom II X2 B57	1851	1629	NA	NA
AMD Phenom II X2 B59	2138	1498	42.82	\$49.95*
AMD Phenom II X3 700e	2285	1443	NA	NA
AMD Phenom II X3 705e	2227	1468	14.63	\$152.34*
AMD Phenom II X3 710	2443	1380	28.91	\$84.53*
AMD Phenom II X3 715	2649	1307	31.17	\$84.99*
AMD Phenom II X3 720	2683	1298	38.34	\$69.99
AMD Phenom II X3 740	2994	1196	33.65	\$88.99*
AMD Phenom II X3 B73	2735	1288	36.47	\$75.00*
AMD Phenom II X3 B75	2946	1211	NA	NA
AMD Phenom II X3 B77	3067	1171	NA	NA
AMD Phenom II X4 805	2994	1195	17.21	\$173.99*
AMD Phenom II X4 810	3126	1154	26.96	\$115.99*
AMD Phenom II X4 820	3408	1068	45.48	\$74.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 830	3437	1062	43.00	\$79.95*
AMD Phenom II X4 840	3511	1045	39.03	\$89.95*
AMD Phenom II X4 840T	3601	1019	45.04	\$79.95*
AMD Phenom II X4 850	3549	1035	31.83	\$111.49*
AMD Phenom II X4 900e	2882	1237	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 905e	3087	1165	14.54	\$212.38*
AMD Phenom II X4 910	3252	1108	32.53	\$100.00*
AMD Phenom II X4 910e	3260	1105	20.77	\$156.99*
AMD Phenom II X4 920	3399	1072	50.75	\$66.99
AMD Phenom II X4 925	3422	1065	21.39	\$159.99*
AMD Phenom II X4 940	3596	1021	29.97	\$119.99*
AMD Phenom II X4 945	3666	1009	56.45	\$64.95
AMD Phenom II X4 955	3935	946	30.24	\$130.16*
AMD Phenom II X4 960T	3791	975	28.08	\$134.99*
AMD Phenom II X4 965	4194	892	70.49	\$59.50
AMD Phenom II X4 970	4328	871	29.23	\$148.11*
AMD Phenom II X4 973	3759	984	NA	NA
AMD Phenom II X4 975	4474	840	35.32	\$126.69
AMD Phenom II X4 977	3750	987	NA	NA
AMD Phenom II X4 980	4494	837	32.90	\$136.64*
AMD Phenom II X4 8700e	2377	1405	NA	NA
AMD Phenom II X4 B05e	2781	1266	NA	NA
AMD Phenom II X4 B15e	2736	1287	NA	NA
AMD Phenom II X4 B25	3330	1093	NA	NA
AMD Phenom II X4 B35	3383	1079	NA	NA
AMD Phenom II X4 B40	3406	1070	NA	NA
AMD Phenom II X4 B45	3469	1056	NA	NA
AMD Phenom II X4 B50	3703	1002	NA	NA
AMD Phenom II X4 B55	3860	957	NA	NA
AMD Phenom II X4 B60	4044	919	NA	NA
AMD Phenom II X4 B65	4177	897	NA	NA
AMD Phenom II X4 B70	4261	881	NA	NA
AMD Phenom II X4 B93	3361	1085	NA	NA
AMD Phenom II X4 B95	3707	998	50.82	\$72.95*
AMD Phenom II X4 B97	3884	952	48.59	\$79.95*
AMD Phenom II X4 B99	4130	909	NA	NA
AMD Phenom II X6 1035T	4665	798	24.68	\$189.00*
AMD Phenom II X6 1045T	4822	775	27.56	\$175.00*
AMD Phenom II X6 1055T	4969	749	26.86	\$185.00*
AMD Phenom II X6 1065T	5080	727	NA	NA
AMD Phenom II X6 1075T	5346	689	20.56	\$259.99*
AMD Phenom II X6 1090T	5589	651	14.11	\$396.08*
AMD Phenom II X6 1100T	5734	633	28.67	\$199.99
AMD Phenom II X6 1405T	5042	733	NA	NA
AMD Phenom II X620 Dual-Core	2189	1483	NA	NA
AMD Phenom II X640 Dual-Core	2021	1545	NA	NA
AMD Phenom II X920 Quad-Core	2640	1311	NA	NA
AMD Phenom II X940 Quad-Core	2695	1295	NA	NA
AMD Phenom Ultra X4 24500	3945	943	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-4060	1697	1706	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	1475	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1672	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1970	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1833	NA	NA
AMD Phenom X3 8550	1930	1586	11.36	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1668	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1556	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1466	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2812	1257	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1290	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1296	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1957	NA	NA
AMD PRO A4-3350B APU	2396	1398	NA	NA
AMD PRO A4-8350B	2922	1221	NA	NA
AMD PRO A6-7350B	2759	1276	NA	NA
AMD PRO A6-8500B	2516	1353	NA	NA
AMD PRO A6-8530B	2435	1384	NA	NA
AMD PRO A6-8550B	3018	1186	NA	NA
AMD PRO A6-8570	3049	1178	NA	NA
AMD PRO A6-8570E	2824	1250	NA	NA
AMD PRO A6-9500	3239	1114	43.77	\$74.00*
AMD PRO A6-9500B	2076	1528	NA	NA
AMD PRO A6-9500E	2761	1275	37.31	\$74.00*
AMD PRO A8-8600B	3553	1033	NA	NA
AMD PRO A8-8650B	5426	675	NA	NA
AMD PRO A8-8670E	4692	794	NA	NA
AMD PRO A8-9600	5321	693	44.72	\$119.00*
AMD PRO A8-9600B	4004	929	NA	NA
AMD PRO A10-8700B	3581	1026	NA	NA
AMD PRO A10-8730B	3949	940	NA	NA
AMD PRO A10-8750B	5646	644	NA	NA
AMD PRO A10-8770	5707	634	NA	NA
AMD PRO A10-8770E	5023	738	NA	NA
AMD PRO A10-8850B	5852	617	NA	NA
AMD PRO A10-9700	5683	637	33.63	\$169.00*
AMD PRO A10-9700B	4393	854	NA	NA
AMD PRO A10-9700E	4922	759	35.42	\$139.00*
AMD PRO A12-8800B	4154	903	NA	NA
AMD PRO A12-8830B	4377	858	NA	NA
AMD PRO A12-8870	6067	596	NA	NA
AMD PRO A12-8870E	5186	708	NA	NA
AMD PRO A12-9800	6199	581	36.68	\$169.00*
AMD PRO A12-9800B	4161	902	NA	NA
AMD PRO A12-9800E	4793	781	28.36	\$169.00*
AMD QC-4000	1663	1726	NA	NA
AMD R-260H APU	1576	1773	NA	NA
AMD R-460L APU	1954	1574	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD R-464L APU	3117	1156	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD RX-427BB	4250	886	NA	NA
AMD Ryzen 3 1200	6758	531	61.67	\$109.59
AMD Ryzen 3 1300X	7508	460	53.64	\$139.98
AMD Ryzen 3 2200G	7340	475	74.91	\$97.99
AMD Ryzen 3 2200GE	7229	487	NA	NA
AMD Ryzen 3 2200U	4573	823	NA	NA
AMD Ryzen 3 2300U	6922	517	NA	NA
AMD Ryzen 3 PRO 1200	7069	503	NA	NA
AMD Ryzen 3 PRO 1300	8300	392	NA	NA
AMD Ryzen 3 PRO 2200G	8106	409	NA	NA
AMD Ryzen 3 PRO 2200GE	8004	421	NA	NA
AMD Ryzen 3 PRO 2300U	7313	478	NA	NA
AMD Ryzen 5 1400	8395	386	62.19	\$134.99
AMD Ryzen 5 1500X	10063	252	69.46	\$144.89
AMD Ryzen 5 1600	12268	171	79.16	\$154.99
AMD Ryzen 5 1600X	13230	150	76.14	\$173.77
AMD Ryzen 5 2400G	9270	317	58.31	\$158.99
AMD Ryzen 5 2400GE	8513	379	NA	NA
AMD Ryzen 5 2500U	7404	472	NA	NA
AMD Ryzen 5 2600	13499	144	81.33	\$165.99
AMD Ryzen 5 2600X	14356	121	68.37	\$209.99
AMD Ryzen 5 PRO 1500	10056	254	NA	NA
AMD Ryzen 5 PRO 1600	12213	173	NA	NA
AMD Ryzen 5 PRO 2400G	10097	248	NA	NA
AMD Ryzen 5 PRO 2400GE	9712	285	NA	NA
AMD Ryzen 5 PRO 2500U	9155	324	NA	NA
AMD Ryzen 5 PRO 2600	14645	110	NA	NA
AMD Ryzen 7 1700	13748	136	65.47	\$209.99
AMD Ryzen 7 1700X	14635	112	66.53	\$219.99
AMD Ryzen 7 1800X	15400	97	61.60	\$249.99
AMD Ryzen 7 2700	15044	103	51.88	\$289.99
AMD Ryzen 7 2700U	7489	462	NA	NA
AMD Ryzen 7 2700X	16941	66	56.47	\$299.99
AMD Ryzen 7 PRO 1700	14811	108	NA	NA
AMD Ryzen 7 PRO 1700X	15349	98	NA	NA
AMD Ryzen 7 PRO 2700	16341	78	NA	NA
AMD Ryzen 7 PRO 2700U	8983	343	NA	NA
AMD Ryzen 7 PRO 2700X	17272	62	NA	NA
AMD Ryzen Embedded V1807B	7185	490	NA	NA
AMD Ryzen Threadripper 1900X	15807	93	49.40	\$319.99
AMD Ryzen Threadripper 1920X	18241	53	33.25	\$548.56
AMD Ryzen Threadripper 1950X	22172	18	31.72	\$699.00
AMD Ryzen Threadripper 2950X	26486	4	29.43	\$899.99
AMD Ryzen Threadripper 2990WX	24624	11	14.08	\$1,749.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 130	656	2261	26.29	\$24.99*
AMD Sempron 140	733	2221	18.54	\$39.59*
AMD Sempron 145	810	2193	8.54	\$94.92
AMD Sempron 150	707	2237	15.74	\$44.95
AMD Sempron 200U	267	2626	3.08	\$87.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 210U	378	2479	NA	NA
AMD Sempron 2100+	392	2468	NA	NA
AMD Sempron 2200+	281	2610	9.38	\$29.99*
AMD Sempron 2300+	318	2546	7.07	\$45.00*
AMD Sempron 2400+	313	2554	11.62	\$27.00*
AMD Sempron 2500+	335	2529	4.20	\$79.95*
AMD Sempron 2600+	373	2486	10.70	\$34.95
AMD Sempron 2650 APU	939	2123	24.39	\$38.54
AMD Sempron 2800+	383	2474	19.19	\$19.99
AMD Sempron 3000+	408	2443	20.43	\$20.00
AMD Sempron 3100+	452	2397	7.53	\$60.00*
AMD Sempron 3200+	406	2445	31.29	\$13.00*
AMD Sempron 3300+	484	2368	8.07	\$60.00*
AMD Sempron 3400+	454	2395	15.18	\$29.91
AMD Sempron 3500+	384	2473	19.23	\$20.00*
AMD Sempron 3600+	487	2360	40.59	\$12.00*
AMD Sempron 3800+	554	2313	26.39	\$21.00*
AMD Sempron 3850 APU	1707	1696	50.23	\$33.99
AMD Sempron Dual Core 2100	936	2125	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2082	NA	NA
AMD Sempron Dual Core 2300	982	2091	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2115	NA	NA
AMD Sempron Dual Core 4900	1081	2031	NA	NA
AMD Sempron LE-250	490	2354	NA	NA
AMD Sempron LE-1100	438	2414	NA	NA
AMD Sempron LE-1150	445	2403	NA	NA
AMD Sempron LE-1200	528	2327	NA	NA
AMD Sempron LE-1250	541	2319	5.41	\$99.95*
AMD Sempron LE-1300	612	2282	25.53	\$24.00
AMD Sempron LE-1600	535	2324	NA	NA
AMD Sempron LE-1620	635	2271	NA	NA
AMD Sempron LE-1640	759	2212	NA	NA
AMD Sempron M100	558	2312	46.58	\$12.00*
AMD Sempron M120	582	2296	NA	NA
AMD Sempron SI-40	443	2406	36.93	\$12.00*
AMD Sempron SI-42	453	2396	15.11	\$30.01
AMD Sempron X2 180	1222	1950	17.62	\$69.40*
AMD Sempron X2 190	1509	1801	18.09	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1843	NA	NA
AMD Turion 64 Mobile MK-36	465	2382	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile MK-38	513	2338	NA	NA
AMD Turion 64 Mobile ML-28	390	2470	NA	NA
AMD Turion 64 Mobile ML-30	402	2453	NA	NA
AMD Turion 64 Mobile ML-32	410	2438	NA	NA
AMD Turion 64 Mobile ML-34	425	2430	NA	NA
AMD Turion 64 Mobile ML-37	441	2407	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2332	NA	NA
AMD Turion 64 Mobile ML-42	615	2279	NA	NA
AMD Turion 64 Mobile ML-44	591	2291	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-28	419	2431	NA	NA
AMD Turion 64 Mobile MT-30	378	2477	NA	NA
AMD Turion 64 Mobile MT-32	426	2429	NA	NA
AMD Turion 64 Mobile MT-34	429	2426	NA	NA
AMD Turion 64 Mobile MT-37	484	2366	NA	NA
AMD Turion 64 Mobile MT-40	536	2322	NA	NA
AMD Turion 64 X2 Mobile TL-50	751	2215	15.04	\$49.99*
AMD Turion 64 X2 Mobile TL-52	760	2210	NA	NA
AMD Turion 64 X2 Mobile TL-56	887	2154	44.36	\$20.00*
AMD Turion 64 X2 Mobile TL-58	944	2118	NA	NA
AMD Turion 64 X2 Mobile TL-60	993	2086	41.48	\$23.95*
AMD Turion 64 X2 Mobile TL-62	1091	2022	3.51	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1110	2007	28.20	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1148	1991	3.04	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	1982	12.92	\$90.00*
AMD Turion Dual-Core RM-70	904	2148	60.27	\$15.00*
AMD Turion Dual-Core RM-72	860	2163	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2065	NA	NA
AMD Turion Dual-Core RM-75	977	2093	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1293	1903	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1895	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1881	NA	NA
AMD Turion II N530 Dual-Core	1583	1768	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1792	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2095	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	1967	NA	NA
AMD Turion II Neo N40L Dual-Core	918	2139	NA	NA
AMD Turion II Neo N54L Dual-Core	1376	1859	NA	NA
AMD Turion II P520 Dual-Core	1360	1869	NA	NA
AMD Turion II P540 Dual-Core	1438	1832	28.79	\$49.95*
AMD Turion II P560 Dual-Core	1511	1800	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1409	1845	58.74	\$24.00*
AMD Turion II Ultra Dual-Core Mobile M620	1427	1835	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1722	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1787	NA	NA
AMD Turion Neo X2 Dual Core L625	814	2190	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Dual Core L510	923	2137	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2166	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2041	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	994	2083	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1089	2023	4.86	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1060	2040	42.49	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1140	1997	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	1989	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1014	2068	72.45	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2027	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	1955	94.53	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	1944	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1901	23.58	\$55.00*
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-87	1275	1919	31.92	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2079	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2057	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1824	NA	NA
AMD V105	299	2575	NA	NA
AMD V120	622	2278	NA	NA
AMD V140	640	2269	12.83	\$49.95*
AMD V160	681	2252	NA	NA
AMD Z-01	523	2331	NA	NA
AMD Z-60 APU	500	2349	NA	NA
AMD-K6 3D	90	2750	NA	NA
AMD-K6-III	108	2747	NA	NA
AMD-K7	403	2452	NA	NA
Athlon 64 Dual Core 3800+	1234	1945	NA	NA
Athlon 64 Dual Core 4200+	1156	1987	5.64	\$204.95
Athlon 64 Dual Core 4800+	1370	1861	NA	NA
Athlon 64 Dual Core 5000+	1507	1803	NA	NA
Athlon 64 Dual Core 5400+	1614	1751	NA	NA
Athlon 64 Dual Core 5600+	1548	1782	NA	NA
Athlon Dual Core 4050e	968	2102	NA	NA
Athlon Dual Core 4450e	1081	2032	NA	NA
Athlon Dual Core 4850e	1327	1885	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1246	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1083	2028	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1170	1976	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1207	1958	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1274	1920	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1959	NA	NA
HP Hexa-Core 2.0GHz	2178	1485	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2167	NA	NA
Intel 1400 @ 1.83GHz	980	2092	NA	NA
Intel 1500 @ 2.00GHz	1024	2060	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom 230 @ 1.60GHz	307	2561	NA	NA
Intel Atom 330 @ 1.60GHz	588	2294	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2151	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2108	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1524	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2329	1420	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1487	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	970	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1089	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1141	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1374	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1345	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	770	14.62	\$332.00*
Intel Atom C3955 @ 2.10GHz	5803	622	13.37	\$434.00*
Intel Atom D410 @ 1.66GHz	301	2571	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2522	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	653	2262	6.73	\$97.16*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D525 @ 1.80GHz	703	2240	NA	NA
Intel Atom D2500 @ 1.86GHz	404	2450	NA	NA
Intel Atom D2550 @ 1.86GHz	675	2255	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2233	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2174	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2229	NA	NA
Intel Atom E660 @ 1.30GHz	271	2622	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2519	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2535	1.36	\$242.75*
Intel Atom E3825 @ 1.33GHz	579	2300	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2356	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2171	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	1983	NA	NA
Intel Atom E3845 @ 1.91GHz	1490	1810	NA	NA
Intel Atom E3940 @ 1.60GHz	1920	1588	NA	NA
Intel Atom E3950 @ 1.60GHz	1827	1644	NA	NA
Intel Atom K510 @ 1.66GHz	658	2259	NA	NA
Intel Atom N270 @ 1.60GHz	269	2625	NA	NA
Intel Atom N280 @ 1.66GHz	283	2603	NA	NA
Intel Atom N435 @ 1.33GHz	261	2634	NA	NA
Intel Atom N450 @ 1.66GHz	295	2582	NA	NA
Intel Atom N455 @ 1.66GHz	284	2599	NA	NA
Intel Atom N470 @ 1.83GHz	307	2560	NA	NA
Intel Atom N475 @ 1.83GHz	314	2551	NA	NA
Intel Atom N550 @ 1.50GHz	525	2330	6.11	\$86.00*
Intel Atom N570 @ 1.66GHz	575	2304	6.70	\$86.00*
Intel Atom N2100 @ 1.60GHz	305	2564	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2328	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	2275	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2141	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1539	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2192	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1623	1747	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1196	1962	9.00	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1023	2062	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1270	1925	60.52	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1691	1712	27.04	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1838	1636	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1901	1599	25.82	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1904	1597	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2701	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2678	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2681	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2609	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2516	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2475	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2658	NA	NA
Intel Atom Z2760 @ 1.80GHz	563	2310	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2142	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3735E @ 1.33GHz	927	2132	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2147	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2145	NA	NA
Intel Atom Z3736F @ 1.33GHz	920	2138	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	2039	NA	NA
Intel Atom Z3740D @ 1.33GHz	1020	2064	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	2037	NA	NA
Intel Atom Z3745D @ 1.33GHz	1034	2053	NA	NA
Intel Atom Z3770 @ 1.46GHz	1243	1942	8.32	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2195	NA	NA
Intel Atom Z3775 @ 1.46GHz	1257	1930	35.92	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1917	NA	NA
Intel Atom Z3795 @ 1.60GHz	1771	1663	NA	NA
Intel Celeron 1.70GHz	130	2740	NA	NA
Intel Celeron 1.80GHz	136	2737	NA	NA
Intel Celeron 2.00GHz	185	2709	NA	NA
Intel Celeron 2.10GHz	244	2656	NA	NA
Intel Celeron 2.13GHz	208	2689	NA	NA
Intel Celeron 2.20GHz	213	2684	NA	NA
Intel Celeron 2.26GHz	223	2673	NA	NA
Intel Celeron 2.30GHz	227	2670	NA	NA
Intel Celeron 2.40GHz	217	2679	NA	NA
Intel Celeron 2.50GHz	247	2650	NA	NA
Intel Celeron 2.53GHz	245	2654	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.60GHz	238	2660	NA	NA
Intel Celeron 2.66GHz	252	2645	NA	NA
Intel Celeron 2.70GHz	245	2655	NA	NA
Intel Celeron 2.80GHz	254	2641	NA	NA
Intel Celeron 2.93GHz	283	2602	NA	NA
Intel Celeron 3.06GHz	284	2598	NA	NA
Intel Celeron 3.20GHz	288	2591	NA	NA
Intel Celeron 3.33GHz	333	2532	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2541	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2544	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2399	11.25	\$39.99
Intel Celeron 430 @ 1.80GHz	490	2355	29.67	\$16.52
Intel Celeron 440 @ 2.00GHz	546	2314	26.02	\$21.01
Intel Celeron 450 @ 2.20GHz	626	2276	20.89	\$29.99
Intel Celeron 530 @ 1.73GHz	468	2380	20.37	\$23.00*
Intel Celeron 540 @ 1.86GHz	511	2341	NA	NA
Intel Celeron 550 @ 2.00GHz	515	2336	15.26	\$33.80
Intel Celeron 560 @ 2.13GHz	535	2323	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2333	NA	NA
Intel Celeron 600MHz	147	2733	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2448	NA	NA
Intel Celeron 743 @ 1.30GHz	433	2424	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2217	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2492	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2281	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 847 @ 1.10GHz	934	2126	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1026	2058	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	1994	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	1974	39.12	\$29.99
Intel Celeron 877 @ 1.40GHz	1288	1909	NA	NA
Intel Celeron 887 @ 1.50GHz	1280	1916	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2254	23.35	\$28.99*
Intel Celeron 925 @ 2.30GHz	688	2246	NA	NA
Intel Celeron 1000M @ 1.80GHz	1676	1718	NA	NA
Intel Celeron 1000MHz	213	2683	NA	NA
Intel Celeron 1005M @ 1.90GHz	1814	1649	NA	NA
Intel Celeron 1007U @ 1.50GHz	1396	1849	7.55	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1518	1798	NA	NA
Intel Celeron 1019Y @ 1.00GHz	926	2133	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1467	NA	NA
Intel Celeron 1037U @ 1.80GHz	1734	1683	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1966	NA	NA
Intel Celeron 1066MHz	259	2635	NA	NA
Intel Celeron 1100MHz	174	2719	NA	NA
Intel Celeron 1133MHz	282	2604	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1200MHz	244	2657	NA	NA
Intel Celeron 1300MHz	288	2593	NA	NA
Intel Celeron 1333MHz	290	2587	NA	NA
Intel Celeron 1400MHz	302	2568	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1411	NA	NA
Intel Celeron 2950M @ 2.00GHz	2018	1547	NA	NA
Intel Celeron 2955U @ 1.40GHz	1425	1838	NA	NA
Intel Celeron 2957U @ 1.40GHz	1446	1828	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2008	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1425	NA	NA
Intel Celeron 2980U @ 1.60GHz	1576	1774	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1775	NA	NA
Intel Celeron 3205U @ 1.50GHz	1523	1790	5.31	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1639	1737	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1702	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1559	NA	NA
Intel Celeron 3855U @ 1.60GHz	1657	1732	NA	NA
Intel Celeron 3865U @ 1.80GHz	1913	1592	NA	NA
Intel Celeron 3955U @ 2.00GHz	1838	1637	NA	NA
Intel Celeron 3965U @ 2.20GHz	2453	1376	22.93	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1619	1748	15.14	\$107.00*
Intel Celeron @ 1.30GHz	965	2103	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2707	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2191	NA	NA
Intel Celeron B800 @ 1.50GHz	1277	1918	NA	NA
Intel Celeron B810 @ 1.60GHz	1411	1844	NA	NA
Intel Celeron B815 @ 1.60GHz	1367	1863	NA	NA
Intel Celeron B820 @ 1.70GHz	1427	1837	36.32	\$39.29*
Intel Celeron B830 @ 1.80GHz	1519	1795	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron B840 @ 1.90GHz	1725	1686	NA	NA
Intel Celeron D 347 @ 3.06GHz	271	2623	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2569	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2548	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2531	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2449	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2370	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2295	NA	NA
Intel Celeron E1200 @ 1.60GHz	861	2162	3.83	\$225.00
Intel Celeron E1400 @ 2.00GHz	1047	2046	1.65	\$635.00
Intel Celeron E1500 @ 2.20GHz	1166	1980	59.35	\$19.65
Intel Celeron E1600 @ 2.40GHz	1260	1929	NA	NA
Intel Celeron E3200 @ 2.40GHz	1391	1851	26.77	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1384	1852	2.52	\$550.00
Intel Celeron E3400 @ 2.60GHz	1441	1831	19.11	\$75.47
Intel Celeron E3500 @ 2.70GHz	1454	1823	36.37	\$39.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G440 @ 1.60GHz	690	2245	13.81	\$49.99
Intel Celeron G460 @ 1.80GHz	1028	2055	34.31	\$29.99
Intel Celeron G465 @ 1.90GHz	1074	2036	35.82	\$29.99
Intel Celeron G470 @ 2.00GHz	1298	1900	NA	NA
Intel Celeron G530 @ 2.40GHz	2141	1496	53.56	\$39.99
Intel Celeron G530T @ 2.00GHz	1604	1760	NA	NA
Intel Celeron G540 @ 2.50GHz	2204	1476	175.10	\$12.59
Intel Celeron G540T @ 2.10GHz	2114	1509	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1438	114.56	\$19.99
Intel Celeron G550T @ 2.20GHz	2063	1529	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1389	15.77	\$153.59
Intel Celeron G1101 @ 2.27GHz	1667	1724	118.34	\$14.09
Intel Celeron G1610 @ 2.60GHz	2493	1363	99.78	\$24.99
Intel Celeron G1610T @ 2.30GHz	2304	1430	57.55	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2581	1331	16.81	\$153.59
Intel Celeron G1620T @ 2.40GHz	2353	1414	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1362	49.89	\$49.99
Intel Celeron G1820 @ 2.70GHz	2758	1278	36.30	\$75.99
Intel Celeron G1820T @ 2.40GHz	2505	1358	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1501	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1343	36.35	\$69.99
Intel Celeron G1840 @ 2.80GHz	2860	1241	38.15	\$74.99
Intel Celeron G1840T @ 2.50GHz	2605	1321	NA	NA
Intel Celeron G1850 @ 2.90GHz	2902	1230	36.29	\$79.99
Intel Celeron G3900 @ 2.80GHz	3176	1133	73.90	\$42.98
Intel Celeron G3900E @ 2.40GHz	2679	1299	NA	NA
Intel Celeron G3900T @ 2.60GHz	2919	1222	NA	NA
Intel Celeron G3900TE @ 2.30GHz	2591	1326	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3113	1157	39.66	\$78.49
Intel Celeron G3930 @ 2.90GHz	3037	1182	59.36	\$51.17*
Intel Celeron G3950 @ 3.00GHz	3334	1092	46.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3154	1148	23.77	\$132.69
Intel Celeron G4900T @ 2.90GHz	2960	1207	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G4920 @ 3.20GHz	3521	1042	48.61	\$72.45
Intel Celeron J1750 @ 2.41GHz	1037	2052	NA	NA
Intel Celeron J1800 @ 2.41GHz	1025	2059	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1753	NA	NA
Intel Celeron J1900 @ 1.99GHz	1854	1626	NA	NA
Intel Celeron J3060 @ 1.60GHz	976	2094	NA	NA
Intel Celeron J3160 @ 1.60GHz	1789	1658	NA	NA
Intel Celeron J3355 @ 2.00GHz	1169	1977	NA	NA
Intel Celeron J3455 @ 1.50GHz	2143	1495	5.64	\$379.99
Intel Celeron J4005 @ 2.00GHz	1601	1762	6.42	\$249.44
Intel Celeron J4105 @ 1.50GHz	1975	1566	18.46	\$107.00*
Intel Celeron M 1.00GHz	207	2690	17.29	\$11.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 1.30GHz	316	2547	NA	NA
Intel Celeron M 1.50GHz	343	2524	NA	NA
Intel Celeron M 1.60GHz	365	2499	NA	NA
Intel Celeron M 1.70GHz	393	2467	NA	NA
Intel Celeron M 360 1.40GHz	327	2538	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2549	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2526	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2495	NA	NA
Intel Celeron M 440 @ 1.86GHz	406	2447	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2642	NA	NA
Intel Celeron M 450 @ 2.00GHz	455	2393	NA	NA
Intel Celeron M 520 @ 1.60GHz	434	2421	NA	NA
Intel Celeron M 530 @ 1.73GHz	458	2389	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2318	NA	NA
Intel Celeron M 600MHz	151	2731	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2392	NA	NA
Intel Celeron M 900MHz	202	2694	NA	NA
Intel Celeron M 1200MHz	275	2619	NA	NA
Intel Celeron M 1300MHz	303	2566	NA	NA
Intel Celeron M 1500MHz	332	2534	NA	NA
Intel Celeron M ULV 800MHz	184	2712	NA	NA
Intel Celeron N2805 @ 1.46GHz	454	2394	NA	NA
Intel Celeron N2806 @ 1.60GHz	789	2200	NA	NA
Intel Celeron N2807 @ 1.58GHz	850	2170	NA	NA
Intel Celeron N2808 @ 1.58GHz	927	2131	NA	NA
Intel Celeron N2810 @ 2.00GHz	777	2202	5.55	\$139.99*
Intel Celeron N2815 @ 1.86GHz	863	2161	NA	NA
Intel Celeron N2820 @ 2.13GHz	937	2124	4.78	\$196.28
Intel Celeron N2830 @ 2.16GHz	951	2113	NA	NA
Intel Celeron N2840 @ 2.16GHz	1003	2074	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	1961	NA	NA
Intel Celeron N2920 @ 1.86GHz	1509	1802	NA	NA
Intel Celeron N2930 @ 1.83GHz	1628	1744	NA	NA
Intel Celeron N2940 @ 1.83GHz	1734	1684	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2149	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2104	NA	NA
Intel Celeron N3050 @ 1.60GHz	881	2155	7.38	\$119.42*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N3060 @ 1.60GHz	984	2090	NA	NA
Intel Celeron N3150 @ 1.60GHz	1658	1731	NA	NA
Intel Celeron N3160 @ 1.60GHz	1693	1711	5.90	\$286.99*
Intel Celeron N3350 @ 1.10GHz	1113	2005	NA	NA
Intel Celeron N3450 @ 1.10GHz	1833	1641	11.07	\$165.70
Intel Celeron N4100 @ 1.10GHz	2333	1418	21.81	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1139	1999	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2085	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron P4600 @ 2.00GHz	1340	1877	NA	NA
Intel Celeron SU2300 @ 1.20GHz	772	2205	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2114	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2042	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1700	NA	NA
Intel Celeron U3400 @ 1.07GHz	733	2222	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2249	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2194	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1049	2045	6.64	\$157.95
Intel Core2 Duo E4400 @ 2.00GHz	1157	1985	129.38	\$8.95
Intel Core2 Duo E4500 @ 2.20GHz	1272	1923	31.82	\$39.99
Intel Core2 Duo E4600 @ 2.40GHz	1384	1853	8.76	\$157.95
Intel Core2 Duo E4700 @ 2.60GHz	1486	1813	14.86	\$100.00*
Intel Core2 Duo E6300 @ 1.86GHz	1109	2009	11.93	\$93.00
Intel Core2 Duo E6320 @ 1.86GHz	1184	1968	23.70	\$49.99
Intel Core2 Duo E6400 @ 2.13GHz	1289	1908	64.65	\$19.95
Intel Core2 Duo E6420 @ 2.13GHz	1361	1867	27.23	\$49.99
Intel Core2 Duo E6540 @ 2.33GHz	1458	1820	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1499	1807	100.29	\$14.95
Intel Core2 Duo E6600 @ 2.40GHz	1554	1781	103.70	\$14.99
Intel Core2 Duo E6700 @ 2.66GHz	1693	1710	56.46	\$29.99
Intel Core2 Duo E6750 @ 2.66GHz	1714	1692	132.42	\$12.95
Intel Core2 Duo E6850 @ 3.00GHz	1951	1577	39.03	\$49.99
Intel Core2 Duo E7200 @ 2.53GHz	1632	1743	21.77	\$75.00
Intel Core2 Duo E7300 @ 2.66GHz	1727	1685	86.41	\$19.99
Intel Core2 Duo E7400 @ 2.80GHz	1775	1661	61.23	\$28.99
Intel Core2 Duo E7500 @ 2.93GHz	1875	1619	125.12	\$14.99
Intel Core2 Duo E7600 @ 3.06GHz	1976	1565	16.47	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1520	1793	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1754	1671	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1888	1612	37.78	\$49.99
Intel Core2 Duo E8235 @ 2.80GHz	1965	1569	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1413	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1992	1557	99.67	\$19.99
Intel Core2 Duo E8335 @ 2.66GHz	1846	1631	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1504	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2152	1493	240.50	\$8.95
Intel Core2 Duo E8435 @ 3.06GHz	2127	1505	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2285	1442	57.15	\$39.99
Intel Core2 Duo E8600 @ 3.33GHz	2408	1393	48.19	\$49.99
Intel Core2 Duo E8700 @ 3.50GHz	2212	1471	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo L7100 @ 1.20GHz	760	2208	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2250	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	841	2176	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2172	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo L7500 @ 1.60GHz	963	2105	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2096	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2001	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	2038	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1339	1878	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	1906	64.60	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	1899	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	1841	35.43	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2117	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1523	1791	6.62	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1450	1825	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2063	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1457	1822	4.91	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1786	31.25	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1626	1746	42.80	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1677	30.56	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1778	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1765	1665	1.77	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1740	1678	17.58	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1879	1616	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2012	1550	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2293	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1269	1927	5.02	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1719	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	932	2128	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	834	2179	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	833	2181	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	816	2189	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	933	2127	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	911	2144	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	909	2146	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	924	2135	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1045	2048	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1027	2056	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	992	2087	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1092	2021	109.39	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1109	2010	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1192	1964	75.03	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1143	1996	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	1956	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1224	1948	81.71	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1286	1910	85.84	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1250	1935	32.49	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1364	1865	72.18	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1367	1862	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)
Intel Core2 Duo T7100 @ 1.80GHz	1016	2066	46.24	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1166	1979	11.67	\$99.95
Intel Core2 Duo T7250 @ 2.00GHz	1111	2006	5.52	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1192	1963	38.49	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1243	1941	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1273	1921	29.61	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1378	1856	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1418	1840	23.66	\$59.95*
Intel Core2 Duo T7800 @ 2.60GHz	1614	1754	2.65	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1294	1902	1.29	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1478	1815	6.91	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1669	1723	28.78	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1737	1682	24.84	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1807	1650	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1801	1653	6.03	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1928	1587	21.44	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2008	1554	4.74	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2129	1503	5.34	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	869	2158	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	582	2297	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	664	2256	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2242	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2164	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1132	2000	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1713	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3651	1011	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3636	1013	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3464	1058	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1869	1622	7.09	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1652	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1883	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1706	1698	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1906	1596	4.65	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2061	1530	2.42	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4164	900	4.58	\$909.00*
Intel Core2 Extreme X9750 @ 3.16GHz	4597	816	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4611	810	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	802	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2955	1208	129.06	\$22.90
Intel Core2 Quad Q6700 @ 2.66GHz	3287	1102	73.08	\$44.99
Intel Core2 Quad Q8200 @ 2.33GHz	2815	1254	122.46	\$22.99
Intel Core2 Quad Q8300 @ 2.50GHz	2987	1198	59.77	\$49.99
Intel Core2 Quad Q8400 @ 2.66GHz	3172	1136	31.89	\$99.50*
Intel Core2 Quad Q9000 @ 2.00GHz	2528	1348	6.50	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1112	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3160	1143	63.23	\$49.99
Intel Core2 Quad Q9400 @ 2.66GHz	3346	1087	98.49	\$33.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9450 @ 2.66GHz	3762	983	11.23	\$335.00
Intel Core2 Quad Q9500 @ 2.83GHz	3551	1034	101.49	\$34.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9505 @ 2.83GHz	3574	1028	18.81	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3975	934	81.14	\$48.99
Intel Core2 Quad Q9650 @ 3.00GHz	4178	896	57.22	\$73.03
Intel Core2 Quad Q9705 @ 3.16GHz	3947	941	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	350	2514	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2557	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2433	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	466	2381	NA	NA
Intel Core 330 @ 1.60GHz	643	2266	NA	NA
Intel Core 860 @ 2.80GHz	4555	826	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2230	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2234	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2226	NA	NA
Intel Core Duo T2050 @ 1.60GHz	694	2243	NA	NA
Intel Core Duo T2250 @ 1.73GHz	758	2213	NA	NA
Intel Core Duo T2300 @ 1.66GHz	730	2223	NA	NA
Intel Core Duo T2350 @ 1.86GHz	760	2209	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2196	49.68	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	823	2184	NA	NA
Intel Core Duo T2500 @ 2.00GHz	869	2159	7.24	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	941	2121	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2061	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2317	NA	NA
Intel Core Duo U2500 @ 1.20GHz	514	2337	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1583	NA	NA
Intel Core i3-330M @ 2.13GHz	1790	1657	36.88	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1074	2035	NA	NA
Intel Core i3-350M @ 2.27GHz	1893	1608	48.55	\$39.00
Intel Core i3-370M @ 2.40GHz	2017	1548	50.50	\$39.96
Intel Core i3-380M @ 2.53GHz	2094	1520	42.74	\$49.00*
Intel Core i3-380UM @ 1.33GHz	1164	1981	NA	NA
Intel Core i3-390M @ 2.67GHz	2180	1484	55.99	\$38.95*
Intel Core i3-530 @ 2.93GHz	2570	1336	128.52	\$20.00
Intel Core i3-540 @ 3.07GHz	2688	1297	128.00	\$21.00
Intel Core i3-550 @ 3.20GHz	2826	1249	15.71	\$179.95
Intel Core i3-560 @ 3.33GHz	2943	1212	98.18	\$29.98
Intel Core i3-2100 @ 3.10GHz	3685	1007	61.44	\$59.99
Intel Core i3-2100T @ 2.50GHz	2934	1216	48.92	\$59.99
Intel Core i3-2102 @ 3.10GHz	3736	991	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3719	994	46.50	\$79.99
Intel Core i3-2120 @ 3.30GHz	3921	949	130.73	\$30.00
Intel Core i3-2120T @ 2.60GHz	3164	1140	28.00	\$113.00
Intel Core i3-2125 @ 3.30GHz	4024	923	20.22	\$199.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2130 @ 3.40GHz	4057	916	57.98	\$69.99
Intel Core i3-2140 @ 3.50GHz	4325	872	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1245	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2429	1385	54.01	\$44.99
Intel Core i3-2312M @ 2.10GHz	2381	1402	NA	NA
Intel Core i3-2328M @ 2.20GHz	2539	1344	27.32	\$92.97*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2330E @ 2.20GHz	3073	1169	NA	NA
Intel Core i3-2330M @ 2.20GHz	2521	1351	14.82	\$170.20
Intel Core i3-2332M @ 2.20GHz	2382	1401	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1689	NA	NA
Intel Core i3-2348M @ 2.30GHz	2621	1315	NA	NA
Intel Core i3-2350M @ 2.30GHz	2620	1317	62.45	\$41.97*
Intel Core i3-2357M @ 1.30GHz	1556	1780	NA	NA
Intel Core i3-2365M @ 1.40GHz	1679	1716	NA	NA
Intel Core i3-2367M @ 1.40GHz	1702	1703	NA	NA
Intel Core i3-2370M @ 2.40GHz	2772	1270	46.24	\$59.95
Intel Core i3-2375M @ 1.50GHz	1778	1659	NA	NA
Intel Core i3-2377M @ 1.50GHz	1831	1643	NA	NA
Intel Core i3-3110M @ 2.40GHz	3075	1168	38.47	\$79.95
Intel Core i3-3120M @ 2.50GHz	3213	1124	20.09	\$160.00*
Intel Core i3-3130M @ 2.60GHz	3396	1076	NA	NA
Intel Core i3-3210 @ 3.20GHz	4031	922	40.32	\$99.99
Intel Core i3-3217U @ 1.80GHz	2302	1435	10.01	\$229.99
Intel Core i3-3217UE @ 1.60GHz	2162	1489	NA	NA
Intel Core i3-3220 @ 3.30GHz	4235	887	65.67	\$64.49
Intel Core i3-3220T @ 2.80GHz	3703	1000	37.04	\$99.99
Intel Core i3-3225 @ 3.30GHz	4335	869	43.36	\$99.99
Intel Core i3-3227U @ 1.90GHz	2464	1373	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1694	1709	NA	NA
Intel Core i3-3240 @ 3.40GHz	4312	874	93.76	\$45.99
Intel Core i3-3240T @ 2.90GHz	3686	1006	NA	NA
Intel Core i3-3245 @ 3.40GHz	4424	846	55.32	\$79.99
Intel Core i3-3250 @ 3.50GHz	4445	843	46.80	\$94.99
Intel Core i3-3250T @ 3.00GHz	3021	1184	NA	NA
Intel Core i3-4000M @ 2.40GHz	3240	1113	16.21	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2449	1378	NA	NA
Intel Core i3-4010U @ 1.70GHz	2438	1383	19.61	\$124.31
Intel Core i3-4010Y @ 1.30GHz	1900	1603	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2154	1491	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2210	1473	NA	NA
Intel Core i3-4025U @ 1.90GHz	2777	1268	NA	NA
Intel Core i3-4030U @ 1.90GHz	2705	1292	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1357	NA	NA
Intel Core i3-4100M @ 2.50GHz	3477	1053	15.91	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	955	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4110U @ 1.90GHz	2902	1231	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1177	NA	NA
Intel Core i3-4130 @ 3.40GHz	4796	780	34.26	\$139.99
Intel Core i3-4130T @ 2.90GHz	4135	907	46.47	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4894	761	18.83	\$259.99
Intel Core i3-4150T @ 3.00GHz	4260	883	18.53	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1224	NA	NA
Intel Core i3-4160 @ 3.60GHz	5054	732	36.11	\$139.99
Intel Core i3-4160T @ 3.10GHz	4394	853	29.30	\$149.99
Intel Core i3-4170 @ 3.70GHz	5189	707	34.60	\$149.99
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	4568	825	21.76	\$209.95
Intel Core i3-4330 @ 3.50GHz	5092	723	28.29	\$179.99
Intel Core i3-4330T @ 3.00GHz	4482	839	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1127	NA	NA
Intel Core i3-4340 @ 3.60GHz	5237	704	30.81	\$169.99
Intel Core i3-4350 @ 3.60GHz	4963	750	29.20	\$169.99
Intel Core i3-4350T @ 3.10GHz	4302	875	NA	NA
Intel Core i3-4360 @ 3.70GHz	5455	668	19.49	\$279.95
Intel Core i3-4360T @ 3.20GHz	4636	804	NA	NA
Intel Core i3-4370 @ 3.80GHz	5600	648	12.45	\$449.97
Intel Core i3-4370T @ 3.30GHz	4855	767	35.18	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	755	NA	NA
Intel Core i3-5005U @ 2.00GHz	2904	1229	NA	NA
Intel Core i3-5010U @ 2.10GHz	3052	1175	10.04	\$303.93*
Intel Core i3-5015U @ 2.10GHz	3048	1180	NA	NA
Intel Core i3-5020U @ 2.20GHz	3189	1131	6.95	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3665	1010	NA	NA
Intel Core i3-6006U @ 2.00GHz	3102	1161	NA	NA
Intel Core i3-6098P @ 3.60GHz	5416	678	40.50	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5490	660	34.31	\$159.99
Intel Core i3-6100E @ 2.70GHz	3769	980	NA	NA
Intel Core i3-6100H @ 2.70GHz	4230	888	NA	NA
Intel Core i3-6100T @ 3.20GHz	4853	769	25.55	\$189.99
Intel Core i3-6100TE @ 2.70GHz	4337	868	NA	NA
Intel Core i3-6100U @ 2.30GHz	3602	1018	6.99	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	963	NA	NA
Intel Core i3-6300 @ 3.80GHz	5850	618	40.92	\$142.99
Intel Core i3-6300T @ 3.30GHz	5249	703	37.50	\$139.99
Intel Core i3-6320 @ 3.90GHz	6047	597	37.80	\$159.99
Intel Core i3-7020U @ 2.30GHz	3517	1043	12.52	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5784	624	44.50	\$129.99
Intel Core i3-7100H @ 3.00GHz	4768	783	21.19	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5084	726	57.13	\$89.00*
Intel Core i3-7100U @ 2.40GHz	3799	972	12.54	\$303.08
Intel Core i3-7101TE @ 3.40GHz	5016	739	42.88	\$117.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7130U @ 2.70GHz	4062	915	14.46	\$281.00*
Intel Core i3-7300 @ 4.00GHz	6438	563	40.52	\$158.89
Intel Core i3-7300T @ 3.50GHz	5366	682	27.46	\$195.41*
Intel Core i3-7320 @ 4.10GHz	6541	551	28.32	\$230.96*
Intel Core i3-7350K @ 4.20GHz	6621	544	29.96	\$221.04
Intel Core i3-8100 @ 3.60GHz	8093	411	64.75	\$124.99
Intel Core i3-8100T @ 3.10GHz	7160	494	55.51	\$129.00*
Intel Core i3-8130U @ 2.20GHz	5037	734	17.93	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8765	363	48.85	\$179.43*
Intel Core i3-8300T @ 3.20GHz	7650	450	32.84	\$232.99*
Intel Core i3-8350K @ 4.00GHz	9269	318	48.02	\$193.06
Intel Core i5 750S @ 2.40GHz	2197	1479	21.97	\$99.99
Intel Core i5 E 520 @ 2.40GHz	2486	1367	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3625	1015	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7Y57 @ 1.20GHz	3737	990	NA	NA
Intel Core i5-430M @ 2.27GHz	2100	1517	15.01	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1339	1879	NA	NA
Intel Core i5-450M @ 2.40GHz	2113	1510	66.16	\$31.95*
Intel Core i5-460M @ 2.53GHz	2328	1421	31.06	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	2033	NA	NA
Intel Core i5-480M @ 2.67GHz	2407	1394	29.87	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1461	NA	NA
Intel Core i5-520M @ 2.40GHz	2371	1407	39.53	\$59.99*
Intel Core i5-520UM @ 1.07GHz	1356	1871	NA	NA
Intel Core i5-540M @ 2.53GHz	2448	1379	12.89	\$189.95
Intel Core i5-540UM @ 1.20GHz	1374	1860	NA	NA
Intel Core i5-560M @ 2.67GHz	2588	1327	28.77	\$89.97
Intel Core i5-560UM @ 1.33GHz	1664	1725	NA	NA
Intel Core i5-580M @ 2.67GHz	2622	1314	23.85	\$109.95*
Intel Core i5-650 @ 3.20GHz	3104	1160	89.46	\$34.70
Intel Core i5-655K @ 3.20GHz	3399	1073	56.67	\$59.99
Intel Core i5-660 @ 3.33GHz	3248	1109	66.30	\$49.00
Intel Core i5-661 @ 3.33GHz	3175	1134	31.76	\$99.99
Intel Core i5-670 @ 3.47GHz	3308	1097	36.77	\$89.99
Intel Core i5-680 @ 3.60GHz	3513	1044	39.05	\$89.99
Intel Core i5-750 @ 2.67GHz	3700	1004	22.77	\$162.50
Intel Core i5-760 @ 2.80GHz	3893	950	38.94	\$99.99
Intel Core i5-2300 @ 2.80GHz	5342	690	39.46	\$135.40*
Intel Core i5-2310 @ 2.90GHz	5529	658	79.01	\$69.98
Intel Core i5-2320 @ 3.00GHz	5755	629	29.48	\$195.25
Intel Core i5-2380P @ 3.10GHz	5679	638	63.12	\$89.99
Intel Core i5-2390T @ 2.70GHz	4260	882	42.65	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5952	604	91.58	\$65.00
Intel Core i5-2400S @ 2.50GHz	4961	751	75.51	\$65.70
Intel Core i5-2405S @ 2.50GHz	5065	729	30.81	\$164.40*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2410M @ 2.30GHz	3166	1138	40.56	\$78.07*
Intel Core i5-2415M @ 2.30GHz	3299	1100	NA	NA
Intel Core i5-2430M @ 2.40GHz	3282	1103	39.03	\$84.11*
Intel Core i5-2435M @ 2.40GHz	3229	1116	NA	NA
Intel Core i5-2450M @ 2.50GHz	3396	1075	38.59	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6144	586	68.28	\$89.99
Intel Core i5-2467M @ 1.60GHz	2336	1416	NA	NA
Intel Core i5-2500 @ 3.30GHz	6328	574	60.28	\$104.99
Intel Core i5-2500K @ 3.30GHz	6477	558	48.34	\$133.99
Intel Core i5-2500S @ 2.70GHz	5317	695	70.91	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4702	792	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	1008	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1096	NA	NA
Intel Core i5-2520M @ 2.50GHz	3584	1024	21.13	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2095	1518	NA	NA
Intel Core i5-2540M @ 2.60GHz	3781	978	60.07	\$62.95
Intel Core i5-2550K @ 3.40GHz	6662	539	66.63	\$99.99
Intel Core i5-2557M @ 1.70GHz	2659	1305	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2560M @ 2.70GHz	3752	986	NA	NA
Intel Core i5-3210M @ 2.50GHz	3822	965	31.67	\$120.68*
Intel Core i5-3230M @ 2.60GHz	3938	945	15.78	\$249.65*
Intel Core i5-3317U @ 1.70GHz	3090	1164	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4113	911	33.51	\$122.74*
Intel Core i5-3330 @ 3.00GHz	5931	607	59.32	\$99.99
Intel Core i5-3330S @ 2.70GHz	5666	640	59.66	\$94.99
Intel Core i5-3335S @ 2.70GHz	5788	623	NA	NA
Intel Core i5-3337U @ 1.80GHz	3219	1121	14.31	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2237	1465	NA	NA
Intel Core i5-3340 @ 3.10GHz	6083	594	23.22	\$262.01
Intel Core i5-3340M @ 2.70GHz	4254	884	53.22	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5834	620	38.90	\$149.99
Intel Core i5-3350P @ 3.10GHz	6141	587	36.13	\$169.99
Intel Core i5-3360M @ 2.80GHz	4412	850	44.99	\$98.08*
Intel Core i5-3380M @ 2.90GHz	4412	849	NA	NA
Intel Core i5-3427U @ 1.80GHz	3544	1036	8.44	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3629	1014	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1218	NA	NA
Intel Core i5-3450 @ 3.10GHz	6517	554	50.92	\$127.99
Intel Core i5-3450S @ 2.80GHz	6219	577	62.20	\$99.99
Intel Core i5-3470 @ 3.20GHz	6687	537	60.99	\$109.65
Intel Core i5-3470S @ 2.90GHz	6350	573	45.33	\$140.09
Intel Core i5-3470T @ 2.90GHz	4490	838	19.87	\$226.00*
Intel Core i5-3475S @ 2.90GHz	6613	546	46.09	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6937	514	21.03	\$329.95
Intel Core i5-3550S @ 3.00GHz	6882	520	29.86	\$230.51*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3570 @ 3.40GHz	7102	497	50.74	\$139.99
Intel Core i5-3570K @ 3.40GHz	7169	493	49.79	\$143.99
Intel Core i5-3570S @ 3.10GHz	6731	534	23.62	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5901	612	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3786	977	NA	NA
Intel Core i5-4200H @ 2.80GHz	4440	844	NA	NA
Intel Core i5-4200M @ 2.50GHz	4037	921	22.43	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3288	1101	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1395	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2256	1454	NA	NA
Intel Core i5-4210H @ 2.90GHz	4535	832	NA	NA
Intel Core i5-4210M @ 2.60GHz	4189	895	13.52	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3402	1071	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2380	1403	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1453	NA	NA
Intel Core i5-4250U @ 1.30GHz	3456	1059	9.63	\$358.99*
Intel Core i5-4258U @ 2.40GHz	4081	913	NA	NA
Intel Core i5-4260U @ 1.40GHz	3598	1020	NA	NA
Intel Core i5-4278U @ 2.60GHz	4360	862	NA	NA
Intel Core i5-4288U @ 2.60GHz	4358	864	NA	NA
Intel Core i5-4300M @ 2.60GHz	4411	851	NA	NA
Intel Core i5-4300U @ 1.90GHz	3739	989	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4300Y @ 1.60GHz	2486	1366	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2967	1204	NA	NA
Intel Core i5-4308U @ 2.80GHz	4190	893	NA	NA
Intel Core i5-4310M @ 2.70GHz	4623	809	NA	NA
Intel Core i5-4310U @ 2.00GHz	3723	993	NA	NA
Intel Core i5-4330M @ 2.80GHz	4457	841	16.21	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4810	778	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1017	NA	NA
Intel Core i5-4400E @ 2.70GHz	1271	1924	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	942	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1259	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6313	575	35.08	\$179.99
Intel Core i5-4430S @ 2.70GHz	5906	611	36.92	\$159.99
Intel Core i5-4440 @ 3.10GHz	6491	557	38.19	\$169.99
Intel Core i5-4440S @ 2.80GHz	6208	579	13.41	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6707	535	39.46	\$169.99
Intel Core i5-4460S @ 2.90GHz	6397	570	9.69	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4959	752	NA	NA
Intel Core i5-4570 @ 3.20GHz	7119	496	40.68	\$174.99
Intel Core i5-4570R @ 2.70GHz	6734	533	NA	NA
Intel Core i5-4570S @ 2.90GHz	6769	528	24.24	\$279.20*
Intel Core i5-4570T @ 2.90GHz	4824	774	32.16	\$149.99
Intel Core i5-4570TE @ 2.70GHz	3973	936	19.87	\$199.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4590 @ 3.30GHz	7294	482	39.43	\$184.99
Intel Core i5-4590S @ 3.00GHz	7010	507	35.41	\$197.99
Intel Core i5-4590T @ 2.00GHz	5593	649	NA	NA
Intel Core i5-4670 @ 3.40GHz	7434	466	39.34	\$188.99
Intel Core i5-4670K @ 3.40GHz	7632	452	30.53	\$249.99
Intel Core i5-4670K CPT @ 3.40GHz	7411	471	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	470	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	6436	564	NA	NA
Intel Core i5-4670T @ 2.30GHz	6204	580	29.13	\$213.00*
Intel Core i5-4690 @ 3.50GHz	7654	449	38.27	\$199.99
Intel Core i5-4690K @ 3.50GHz	7796	435	38.98	\$199.99
Intel Core i5-4690S @ 3.20GHz	7424	469	27.50	\$269.94*
Intel Core i5-4690T @ 2.50GHz	6495	555	NA	NA
Intel Core i5-5200U @ 2.20GHz	3489	1049	NA	NA
Intel Core i5-5250U @ 1.60GHz	3581	1025	8.10	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4405	852	NA	NA
Intel Core i5-5287U @ 2.90GHz	4681	797	NA	NA
Intel Core i5-5300U @ 2.30GHz	3799	973	7.37	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3358	1086	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	465	NA	NA
Intel Core i5-5675C @ 3.10GHz	8199	400	20.50	\$399.99
Intel Core i5-5675R @ 3.10GHz	8054	414	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4163	901	NA	NA
Intel Core i5-6200U @ 2.30GHz	4016	925	NA	NA
Intel Core i5-6260U @ 1.80GHz	4359	863	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4983	746	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6287U @ 3.10GHz	4751	787	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6085	592	NA	NA
Intel Core i5-6300U @ 2.40GHz	4375	859	NA	NA
Intel Core i5-6360U @ 2.00GHz	4836	771	NA	NA
Intel Core i5-6400 @ 2.70GHz	6761	530	33.81	\$199.99
Intel Core i5-6400T @ 2.20GHz	5592	650	23.78	\$235.18
Intel Core i5-6402P @ 2.80GHz	7093	498	37.34	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	625	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6790	526	NA	NA
Intel Core i5-6500 @ 3.20GHz	7238	485	30.99	\$233.54
Intel Core i5-6500T @ 2.50GHz	6265	576	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6559	550	29.30	\$223.83
Intel Core i5-6600 @ 3.30GHz	7758	438	35.27	\$219.99
Intel Core i5-6600K @ 3.50GHz	8050	416	31.09	\$258.98
Intel Core i5-6600T @ 2.70GHz	7310	481	41.78	\$174.99
Intel Core i5-7200U @ 2.50GHz	4624	808	NA	NA
Intel Core i5-7260U @ 2.20GHz	5700	636	NA	NA
Intel Core i5-7267U @ 3.10GHz	5098	719	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	642	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7300HQ @ 2.50GHz	6812	525	NA	NA
Intel Core i5-7300U @ 2.60GHz	5086	725	11.09	\$458.73
Intel Core i5-7360U @ 2.30GHz	5929	609	NA	NA
Intel Core i5-7400 @ 3.00GHz	7357	474	29.13	\$252.62
Intel Core i5-7400T @ 2.40GHz	6439	561	35.97	\$179.00
Intel Core i5-7440HQ @ 2.80GHz	7701	445	NA	NA
Intel Core i5-7500 @ 3.40GHz	8037	418	35.56	\$226.00
Intel Core i5-7500T @ 2.70GHz	7064	504	28.78	\$245.49
Intel Core i5-7600 @ 3.50GHz	8780	361	36.59	\$239.99
Intel Core i5-7600K @ 3.80GHz	9133	328	39.89	\$228.98
Intel Core i5-7600T @ 2.80GHz	8117	408	31.42	\$258.34
Intel Core i5-7640X @ 4.00GHz	9588	290	38.36	\$249.99
Intel Core i5-8250U @ 1.60GHz	7672	448	NA	NA
Intel Core i5-8259U @ 2.30GHz	10863	206	NA	NA
Intel Core i5-8300H @ 2.30GHz	9435	303	37.74	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8985	342	NA	NA
Intel Core i5-8350U @ 1.70GHz	8221	398	27.68	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11703	186	57.09	\$204.99
Intel Core i5-8400H @ 2.50GHz	10202	238	40.81	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9630	287	46.98	\$205.00
Intel Core i5-8500 @ 3.00GHz	12054	177	41.43	\$290.96*
Intel Core i5-8500T @ 2.10GHz	9928	263	30.84	\$321.99*
Intel Core i5-8600 @ 3.10GHz	12497	166	51.12	\$244.47*
Intel Core i5-8600K @ 3.60GHz	12807	157	41.33	\$309.93
Intel Core i5-8600T @ 2.30GHz	10913	205	29.18	\$373.99
Intel Core i5-24050S @ 2.50GHz	4928	758	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3753	985	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1568	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1342	NA	NA
Intel Core i7-620LM @ 2.00GHz	1951	1576	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-620M @ 2.67GHz	2721	1289	24.74	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	1887	NA	NA
Intel Core i7-640LM @ 2.13GHz	2253	1456	NA	NA
Intel Core i7-640M @ 2.80GHz	2841	1244	17.76	\$159.95
Intel Core i7-640UM @ 1.20GHz	1659	1730	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1675	NA	NA
Intel Core i7-680UM @ 1.47GHz	1704	1699	NA	NA
Intel Core i7-720QM @ 1.60GHz	3014	1188	27.42	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3199	1128	29.10	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3227	1117	23.22	\$139.00
Intel Core i7-840QM @ 1.87GHz	3409	1067	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	5013	742	20.86	\$240.37*
Intel Core i7-860S @ 2.53GHz	4711	789	23.56	\$199.99
Intel Core i7-870 @ 2.93GHz	5346	688	17.25	\$309.95
Intel Core i7-870S @ 2.67GHz	4969	748	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-875K @ 2.93GHz	5445	672	27.23	\$199.99
Intel Core i7-880 @ 3.07GHz	5601	647	9.61	\$583.00*
Intel Core i7-920 @ 2.67GHz	4929	757	28.33	\$174.00
Intel Core i7-920XM @ 2.00GHz	3767	981	9.42	\$399.95*
Intel Core i7-930 @ 2.80GHz	5146	712	10.50	\$489.97
Intel Core i7-940 @ 2.93GHz	5360	684	75.82	\$70.70
Intel Core i7-940XM @ 2.13GHz	3941	944	NA	NA
Intel Core i7-950 @ 3.07GHz	5559	653	22.69	\$245.00
Intel Core i7-960 @ 3.20GHz	5819	621	58.20	\$99.99
Intel Core i7-965 @ 3.20GHz	5856	615	41.84	\$139.99
Intel Core i7-970 @ 3.20GHz	8394	387	55.97	\$149.98
Intel Core i7-975 @ 3.33GHz	6135	588	34.09	\$179.99
Intel Core i7-980 @ 3.33GHz	8675	372	43.38	\$199.98
Intel Core i7-980X @ 3.33GHz	8796	359	39.99	\$219.98
Intel Core i7-985 @ 3.47GHz	6641	541	NA	NA
Intel Core i7-990X @ 3.47GHz	9099	331	26.00	\$349.99
Intel Core i7-995X @ 3.60GHz	9791	273	NA	NA
Intel Core i7-2600 @ 3.40GHz	8197	401	58.55	\$139.99
Intel Core i7-2600K @ 3.40GHz	8449	383	42.68	\$197.99
Intel Core i7-2600S @ 2.80GHz	7073	502	35.37	\$199.99
Intel Core i7-2610UE @ 1.50GHz	2481	1369	NA	NA
Intel Core i7-2617M @ 1.50GHz	2818	1252	NA	NA
Intel Core i7-2620M @ 2.70GHz	3836	962	21.41	\$179.21*
Intel Core i7-2630QM @ 2.00GHz	5535	657	51.14	\$108.24*
Intel Core i7-2630UM @ 1.60GHz	2584	1329	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5456	667	NA	NA
Intel Core i7-2637M @ 1.70GHz	2906	1225	NA	NA
Intel Core i7-2640M @ 2.80GHz	3933	947	20.25	\$194.29*
Intel Core i7-2655LE @ 2.20GHz	3161	1142	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5889	613	42.37	\$139.00*
Intel Core i7-2675QM @ 2.20GHz	5555	655	NA	NA
Intel Core i7-2677M @ 1.80GHz	2828	1247	NA	NA
Intel Core i7-2700K @ 3.50GHz	8721	365	43.61	\$199.99
Intel Core i7-2710QE @ 2.10GHz	5768	628	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2715QE @ 2.10GHz	5365	683	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6113	591	32.19	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6578	548	47.00	\$139.95*
Intel Core i7-2820QM @ 2.30GHz	6641	542	26.46	\$251.04*
Intel Core i7-2840QM @ 2.40GHz	6766	529	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7001	509	11.67	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7033	506	11.55	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7206	488	17.58	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3591	1023	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1094	NA	NA
Intel Core i7-3520M @ 2.90GHz	4537	831	19.31	\$235.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3537U @ 2.00GHz	3848	958	NA	NA
Intel Core i7-3540M @ 3.00GHz	4648	801	10.81	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	4130	908	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	560	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7469	464	18.68	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6562	549	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6828	524	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	476	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7373	473	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7586	455	31.74	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6941	513	20.72	\$335.00*
Intel Core i7-3635QM @ 2.40GHz	6674	538	NA	NA
Intel Core i7-3667U @ 2.00GHz	3990	932	NA	NA
Intel Core i7-3687U @ 2.10GHz	4172	899	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1120	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8125	407	22.63	\$359.00*
Intel Core i7-3740QM @ 2.70GHz	8326	390	34.70	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9294	316	58.09	\$159.99
Intel Core i7-3770K @ 3.50GHz	9523	293	38.25	\$248.98
Intel Core i7-3770S @ 3.10GHz	8879	352	44.40	\$199.99
Intel Core i7-3770T @ 2.50GHz	8203	399	24.86	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9001	340	45.01	\$199.99
Intel Core i7-3820QM @ 2.70GHz	8443	384	17.34	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8787	360	26.23	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9153	325	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	12002	179	30.08	\$398.98
Intel Core i7-3940XM @ 3.00GHz	9308	314	17.27	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12627	163	15.78	\$799.99
Intel Core i7-3970X @ 3.50GHz	12668	161	12.54	\$1,009.99
Intel Core i7-4500U @ 1.80GHz	3790	976	NA	NA
Intel Core i7-4510U @ 2.00GHz	3933	948	NA	NA
Intel Core i7-4550U @ 1.50GHz	3713	997	NA	NA
Intel Core i7-4558U @ 2.80GHz	4373	860	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	870	NA	NA
Intel Core i7-4578U @ 3.00GHz	4758	785	NA	NA
Intel Core i7-4600M @ 2.90GHz	4870	763	NA	NA
Intel Core i7-4600U @ 2.10GHz	4102	912	NA	NA
Intel Core i7-4610M @ 3.00GHz	4982	747	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4610Y @ 1.70GHz	3746	988	NA	NA
Intel Core i7-4650U @ 1.70GHz	3968	937	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	491	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7732	442	20.19	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7694	446	40.71	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7481	463	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7135	495	21.22	\$336.25*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4710HQ @ 2.50GHz	7742	441	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7993	423	29.43	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7512	458	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7180	492	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8006	420	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	415	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8280	394	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	376	NA	NA
Intel Core i7-4765T @ 2.00GHz	7311	480	18.28	\$399.99
Intel Core i7-4770 @ 3.40GHz	9787	275	40.78	\$239.99
Intel Core i7-4770HQ @ 2.20GHz	8948	347	NA	NA
Intel Core i7-4770K @ 3.50GHz	10099	247	35.44	\$284.99
Intel Core i7-4770R @ 3.20GHz	9828	272	NA	NA
Intel Core i7-4770S @ 3.10GHz	9338	312	37.35	\$249.99
Intel Core i7-4770T @ 2.50GHz	8634	374	21.59	\$399.99
Intel Core i7-4770TE @ 2.30GHz	6615	545	NA	NA
Intel Core i7-4771 @ 3.50GHz	9876	271	32.92	\$299.99
Intel Core i7-4785T @ 2.20GHz	7602	454	NA	NA
Intel Core i7-4790 @ 3.60GHz	9991	260	35.81	\$278.99
Intel Core i7-4790K @ 4.00GHz	11183	193	36.43	\$306.99
Intel Core i7-4790S @ 3.20GHz	9561	292	23.90	\$399.98
Intel Core i7-4790T @ 2.70GHz	9094	332	25.33	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8492	380	16.65	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8639	373	20.33	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9724	283	19.45	\$499.99
Intel Core i7-4850HQ @ 2.30GHz	9001	341	20.74	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7931	428	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9248	319	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9360	310	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9029	337	15.39	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9433	304	20.51	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13023	152	32.64	\$398.98
Intel Core i7-4930MX @ 3.00GHz	9479	296	8.65	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9895	266	16.22	\$609.95*
Intel Core i7-4960HQ @ 2.60GHz	9777	277	15.69	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13799	135	17.92	\$769.99
Intel Core i7-4980HQ @ 2.80GHz	10238	235	NA	NA
Intel Core i7-5500U @ 2.40GHz	3974	935	NA	NA
Intel Core i7-5550U @ 2.00GHz	4271	879	NA	NA
Intel Core i7-5557U @ 3.10GHz	4943	754	7.01	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4313	873	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	889	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5675C @ 3.10GHz	8164	403	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	397	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8366	388	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5775C @ 3.30GHz	10997	203	24.44	\$449.99
Intel Core i7-5775R @ 3.30GHz	10848	208	NA	NA
Intel Core i7-5820K @ 3.30GHz	12994	153	43.32	\$299.99
Intel Core i7-5850HQ @ 2.70GHz	9459	302	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13641	139	27.34	\$498.98
Intel Core i7-5950HQ @ 2.90GHz	10932	204	NA	NA
Intel Core i7-5960X @ 3.00GHz	15951	89	20.72	\$769.99
Intel Core i7-6498DU @ 2.50GHz	4538	830	NA	NA
Intel Core i7-6500U @ 2.50GHz	4429	845	NA	NA
Intel Core i7-6560U @ 2.20GHz	4816	776	NA	NA
Intel Core i7-6567U @ 3.30GHz	5648	643	NA	NA
Intel Core i7-6600U @ 2.60GHz	4803	779	NA	NA
Intel Core i7-6650U @ 2.20GHz	4947	753	NA	NA
Intel Core i7-6700 @ 3.40GHz	10007	259	28.36	\$352.91
Intel Core i7-6700HQ @ 2.60GHz	8136	405	21.53	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11112	196	30.03	\$369.99
Intel Core i7-6700T @ 2.80GHz	9030	336	26.10	\$345.99*
Intel Core i7-6700TE @ 2.40GHz	8712	366	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9715	284	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13591	143	32.36	\$419.99
Intel Core i7-6820EQ @ 2.80GHz	8968	344	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9134	327	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8777	362	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	567	NA	NA
Intel Core i7-6850K @ 3.60GHz	14371	120	26.13	\$549.99
Intel Core i7-6900K @ 3.20GHz	17710	58	14.81	\$1,196.00
Intel Core i7-6920HQ @ 2.90GHz	9617	289	16.93	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19982	34	12.68	\$1,575.99
Intel Core i7-7500U @ 2.70GHz	5177	709	NA	NA
Intel Core i7-7560U @ 2.40GHz	5873	614	NA	NA
Intel Core i7-7567U @ 3.50GHz	6528	553	NA	NA
Intel Core i7-7600U @ 2.80GHz	5458	666	NA	NA
Intel Core i7-7660U @ 2.50GHz	6036	599	NA	NA
Intel Core i7-7700 @ 3.60GHz	10756	210	32.01	\$335.99
Intel Core i7-7700HQ @ 2.80GHz	8844	356	NA	NA
Intel Core i7-7700K @ 4.20GHz	12046	178	35.55	\$338.89
Intel Core i7-7700T @ 2.90GHz	9189	321	11.24	\$817.56*
Intel Core i7-7740X @ 4.30GHz	12242	172	35.08	\$348.99
Intel Core i7-7800X @ 3.50GHz	14523	115	41.50	\$349.99
Intel Core i7-7820HK @ 2.90GHz	10051	255	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9393	309	24.85	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18556	47	23.20	\$799.99
Intel Core i7-7900X @ 3.30GHz	18539	49	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10113	246	NA	NA
Intel Core i7-8086K @ 4.00GHz	16871	68	30.51	\$552.96*
Intel Core i7-8550U @ 1.80GHz	8326	391	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)
Intel Core i7-8559U @ 2.70GHz	12165	175	NA	NA
Intel Core i7-8565U @ 1.80GHz	9214	320	NA	NA
Intel Core i7-8650U @ 1.90GHz	8922	350	NA	NA
Intel Core i7-8700 @ 3.20GHz	15150	101	36.96	\$409.95
Intel Core i7-8700K @ 3.70GHz	15970	88	42.03	\$379.99
Intel Core i7-8700T @ 2.40GHz	12408	167	30.27	\$409.99
Intel Core i7-8705G @ 3.10GHz	10185	241	NA	NA
Intel Core i7-8706G @ 3.10GHz	10591	219	NA	NA
Intel Core i7-8750H @ 2.20GHz	12561	164	31.80	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11042	201	NA	NA
Intel Core i7-8850H @ 2.60GHz	13380	147	33.88	\$395.00*
Intel Core i9-7900X @ 3.30GHz	21981	19	18.24	\$1,205.00
Intel Core i9-7920X @ 2.90GHz	23262	14	19.31	\$1,205.00
Intel Core i9-7940X @ 3.10GHz	25414	7	21.93	\$1,158.79
Intel Core i9-7960X @ 2.80GHz	25793	5	16.53	\$1,560.00
Intel Core i9-7980XE @ 2.60GHz	27774	2	14.62	\$1,899.99
Intel Core i9-8950HK @ 2.90GHz	14641	111	25.11	\$583.00*
Intel Core m3-6Y30 @ 0.90GHz	3051	1176	NA	NA
Intel Core m3-7Y30 @ 1.00GHz	3535	1039	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3527	1040	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3361	1084	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3232	1115	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3488	1051	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2737	1285	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2250	1458	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2816	1253	10.02	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2648	1308	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2470	1371	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1187	NA	NA
Intel Core M-5Y71 @ 1.20GHz	3004	1193	10.69	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2466	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2460	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2379	NA	NA
Intel Core Solo U1300 @ 1.06GHz	271	2624	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2615	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2536	NA	NA
Intel E3000 @ 3.40GHz	2767	1272	NA	NA
Intel Pentium 4 1.40GHz	164	2722	NA	NA
Intel Pentium 4 1.50GHz	131	2739	NA	NA
Intel Pentium 4 1.60GHz	129	2741	NA	NA
Intel Pentium 4 1.70GHz	132	2738	NA	NA
Intel Pentium 4 1.80GHz	161	2725	NA	NA
Intel Pentium 4 1.90GHz	159	2726	NA	NA
Intel Pentium 4 2.00GHz	189	2704	NA	NA
Intel Pentium 4 2.20GHz	210	2686	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.26GHz	221	2675	NA	NA
Intel Pentium 4 2.40GHz	228	2668	NA	NA
Intel Pentium 4 2.50GHz	245	2653	NA	NA
Intel Pentium 4 2.53GHz	248	2649	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.60GHz	288	2594	NA	NA
Intel Pentium 4 2.66GHz	254	2640	NA	NA
Intel Pentium 4 2.80GHz	321	2542	NA	NA
Intel Pentium 4 2.93GHz	297	2578	NA	NA
Intel Pentium 4 3.00GHz	353	2512	NA	NA
Intel Pentium 4 3.06GHz	347	2517	NA	NA
Intel Pentium 4 3.20GHz	374	2482	NA	NA
Intel Pentium 4 3.40GHz	396	2462	NA	NA
Intel Pentium 4 3.46GHz	487	2358	NA	NA
Intel Pentium 4 3.60GHz	488	2357	NA	NA
Intel Pentium 4 3.73GHz	486	2361	NA	NA
Intel Pentium 4 3.80GHz	484	2367	NA	NA
Intel Pentium 4 3.83GHz	195	2699	NA	NA
Intel Pentium 4 4.00GHz	184	2710	NA	NA
Intel Pentium 4 1300MHz	119	2745	NA	NA
Intel Pentium 4 1400MHz	127	2742	NA	NA
Intel Pentium 4 1500MHz	125	2743	NA	NA
Intel Pentium 4 1600MHz	193	2703	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2729	NA	NA
Intel Pentium 4 1800MHz	162	2724	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2732	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2698	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2715	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2688	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2718	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2687	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2693	NA	NA
Intel Pentium 5 2.66GHz	705	2239	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2018	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1157	1986	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	1992	NA	NA
Intel Pentium 987 @ 1.50GHz	1226	1947	NA	NA
Intel Pentium 997 @ 1.60GHz	1427	1836	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1283	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1185	NA	NA
Intel Pentium 2020M @ 2.40GHz	2282	1446	17.04	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2417	1390	18.04	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1662	1728	12.40	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1818	1648	13.57	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2043	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2304	1429	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 3556U @ 1.70GHz	1700	1705	NA	NA
Intel Pentium 3558U @ 1.70GHz	1686	1714	NA	NA
Intel Pentium 3560M @ 2.40GHz	2240	1463	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1928	NA	NA
Intel Pentium 3805U @ 1.90GHz	1982	1563	NA	NA
Intel Pentium 3825U @ 1.90GHz	2526	1349	NA	NA
Intel Pentium 4405U @ 2.10GHz	2933	1217	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1531	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4410Y @ 1.50GHz	2056	1534	12.78	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3160	1145	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2194	1480	13.63	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1757	NA	NA
Intel Pentium B940 @ 2.00GHz	1724	1687	57.61	\$29.94*
Intel Pentium B950 @ 2.10GHz	1718	1690	NA	NA
Intel Pentium B960 @ 2.20GHz	1851	1628	37.79	\$48.99*
Intel Pentium B970 @ 2.30GHz	1961	1572	38.46	\$50.99*
Intel Pentium B980 @ 2.40GHz	2045	1536	29.24	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	969	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	535	2325	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2268	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2298	NA	NA
Intel Pentium D 940 @ 3.20GHz	709	2236	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2220	NA	NA
Intel Pentium D 960 @ 3.60GHz	817	2187	NA	NA
Intel Pentium E2140 @ 1.60GHz	868	2160	5.50	\$157.95
Intel Pentium E2160 @ 1.80GHz	997	2080	76.99	\$12.95
Intel Pentium E2180 @ 2.00GHz	1087	2025	84.01	\$12.95
Intel Pentium E2200 @ 2.20GHz	1203	1960	16.05	\$75.00
Intel Pentium E2210 @ 2.20GHz	1174	1972	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	1884	8.43	\$157.95
Intel Pentium E5200 @ 2.50GHz	1487	1811	14.87	\$99.99
Intel Pentium E5300 @ 2.60GHz	1539	1785	99.95	\$15.40
Intel Pentium E5400 @ 2.70GHz	1597	1764	79.93	\$19.99
Intel Pentium E5500 @ 2.80GHz	1639	1739	82.01	\$19.99
Intel Pentium E5700 @ 3.00GHz	1740	1679	116.12	\$14.99
Intel Pentium E5800 @ 3.20GHz	1898	1604	63.30	\$29.99
Intel Pentium E6300 @ 2.80GHz	1708	1695	3.02	\$565.00
Intel Pentium E6500 @ 2.93GHz	1760	1666	11.14	\$157.95
Intel Pentium E6600 @ 3.06GHz	1877	1618	18.78	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1945	1580	37.49	\$51.90
Intel Pentium E6800 @ 3.33GHz	1977	1564	39.56	\$49.99
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2143	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2101	NA	NA
Intel Pentium G620 @ 2.60GHz	2292	1436	91.73	\$24.99
Intel Pentium G620T @ 2.20GHz	2028	1542	25.36	\$79.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G630 @ 2.70GHz	2373	1406	94.96	\$24.99
Intel Pentium G630T @ 2.30GHz	2122	1507	26.54	\$79.99*
Intel Pentium G640 @ 2.80GHz	2534	1347	101.42	\$24.99
Intel Pentium G640T @ 2.40GHz	1911	1593	NA	NA
Intel Pentium G645 @ 2.90GHz	2585	1328	27.22	\$95.00
Intel Pentium G645T @ 2.50GHz	2289	1439	NA	NA
Intel Pentium G840 @ 2.80GHz	2565	1338	73.33	\$34.99*
Intel Pentium G850 @ 2.90GHz	2666	1303	88.90	\$29.99
Intel Pentium G860 @ 3.00GHz	2748	1282	91.66	\$29.99
Intel Pentium G870 @ 3.10GHz	2826	1248	29.14	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2604	1322	74.65	\$34.89
Intel Pentium G2020 @ 2.90GHz	2764	1274	84.13	\$32.86
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2020T @ 2.50GHz	2466	1372	51.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2877	1238	70.19	\$40.99
Intel Pentium G2030T @ 2.60GHz	2490	1364	38.91	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1261	NA	NA
Intel Pentium G2120 @ 3.10GHz	3081	1167	51.37	\$59.99
Intel Pentium G2130 @ 3.20GHz	3213	1125	64.28	\$49.99
Intel Pentium G2140 @ 3.30GHz	3384	1078	67.71	\$49.99
Intel Pentium G3220 @ 3.00GHz	3135	1152	26.14	\$119.95
Intel Pentium G3220T @ 2.60GHz	2608	1320	37.27	\$69.99
Intel Pentium G3240 @ 3.10GHz	3172	1135	39.67	\$79.99
Intel Pentium G3240T @ 2.70GHz	2874	1239	NA	NA
Intel Pentium G3250 @ 3.20GHz	3257	1107	29.62	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2969	1203	33.00	\$89.99
Intel Pentium G3258 @ 3.20GHz	3892	951	21.84	\$178.28
Intel Pentium G3260 @ 3.30GHz	3379	1080	32.19	\$104.99
Intel Pentium G3260T @ 2.90GHz	2914	1223	32.39	\$89.99
Intel Pentium G3320TE @ 2.30GHz	2389	1400	NA	NA
Intel Pentium G3420 @ 3.20GHz	3406	1069	30.97	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1190	28.58	\$105.25*
Intel Pentium G3430 @ 3.30GHz	3395	1077	37.74	\$89.99
Intel Pentium G3440 @ 3.30GHz	3304	1098	20.66	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1162	NA	NA
Intel Pentium G3450 @ 3.40GHz	3703	1001	37.04	\$99.99
Intel Pentium G3450T @ 2.90GHz	2967	1205	NA	NA
Intel Pentium G3460 @ 3.50GHz	3593	1022	12.47	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3706	999	35.54	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3565	1030	48.02	\$74.25
Intel Pentium G4400T @ 2.90GHz	3221	1119	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1236	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3791	974	49.58	\$76.48
Intel Pentium G4500T @ 3.00GHz	3471	1055	NA	NA
Intel Pentium G4520 @ 3.60GHz	4189	894	46.56	\$89.98
Intel Pentium G4560 @ 3.50GHz	4874	762	72.57	\$67.17*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4560T @ 2.90GHz	4047	918	40.48	\$99.99
Intel Pentium G4600 @ 3.60GHz	5098	720	64.13	\$79.50
Intel Pentium G4600T @ 3.00GHz	4272	877	44.93	\$95.10
Intel Pentium G4620 @ 3.70GHz	5206	705	47.93	\$108.62*
Intel Pentium G6950 @ 2.80GHz	1859	1624	46.49	\$39.99
Intel Pentium G6951 @ 2.80GHz	2140	1497	22.77	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2101	1516	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5250	702	59.66	\$88.00
Intel Pentium Gold G5500 @ 3.80GHz	5292	698	52.75	\$100.32*
Intel Pentium Gold G5500T @ 3.20GHz	4577	821	61.03	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5777	626	65.78	\$87.83
Intel Pentium III 933S @ 933MHz	238	2661	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2600	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2614	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2559	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2579	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III 1400S @ 1400MHz	299	2576	NA	NA
Intel Pentium III Mobile 750MHz	103	2748	NA	NA
Intel Pentium III Mobile 800MHz	182	2713	NA	NA
Intel Pentium III Mobile 866MHz	152	2730	NA	NA
Intel Pentium III Mobile 933MHz	218	2677	7.55	\$28.99*
Intel Pentium III Mobile 1000MHz	245	2652	NA	NA
Intel Pentium III Mobile 1066MHz	246	2651	NA	NA
Intel Pentium III Mobile 1133MHz	251	2646	NA	NA
Intel Pentium III Mobile 1200MHz	262	2632	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1635	NA	NA
Intel Pentium J2900 @ 2.41GHz	1962	1571	NA	NA
Intel Pentium J3710 @ 1.60GHz	1952	1575	NA	NA
Intel Pentium J4205 @ 1.50GHz	2302	1433	NA	NA
Intel Pentium M 1.10GHz	282	2605	NA	NA
Intel Pentium M 1.20GHz	298	2577	NA	NA
Intel Pentium M 1.30GHz	301	2570	NA	NA
Intel Pentium M 1.40GHz	345	2521	NA	NA
Intel Pentium M 1.50GHz	366	2496	NA	NA
Intel Pentium M 1.60GHz	364	2501	NA	NA
Intel Pentium M 1.70GHz	406	2446	NA	NA
Intel Pentium M 1.73GHz	413	2435	NA	NA
Intel Pentium M 1.80GHz	409	2440	NA	NA
Intel Pentium M 1.86GHz	438	2413	NA	NA
Intel Pentium M 2.00GHz	464	2383	NA	NA
Intel Pentium M 2.10GHz	448	2400	NA	NA
Intel Pentium M 2.13GHz	505	2345	NA	NA
Intel Pentium M 2.26GHz	509	2343	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2369	NA	NA
Intel Pentium M 900MHz	217	2680	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1000MHz	233	2665	NA	NA
Intel Pentium M 1100MHz	259	2636	NA	NA
Intel Pentium M 1200MHz	237	2662	NA	NA
Intel Pentium M 1300MHz	303	2565	NA	NA
Intel Pentium M 1400MHz	321	2543	NA	NA
Intel Pentium M 1500MHz	354	2509	NA	NA
Intel Pentium M 1600MHz	332	2533	NA	NA
Intel Pentium M 1700MHz	376	2481	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1794	NA	NA
Intel Pentium N3520 @ 2.16GHz	1800	1654	NA	NA
Intel Pentium N3530 @ 2.16GHz	1898	1605	NA	NA
Intel Pentium N3540 @ 2.16GHz	1930	1585	7.70	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1835	1639	4.13	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1871	1621	NA	NA
Intel Pentium N4200 @ 1.10GHz	2013	1549	10.25	\$196.49
Intel Pentium P6000 @ 1.87GHz	1247	1940	NA	NA
Intel Pentium P6100 @ 2.00GHz	1327	1886	110.60	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1347	1875	29.99	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1855	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2987	1199	13.59	\$219.92
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium SU2700 @ 1.30GHz	407	2444	NA	NA
Intel Pentium SU4100 @ 1.30GHz	858	2165	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2173	NA	NA
Intel Pentium T2060 @ 1.60GHz	662	2257	NA	NA
Intel Pentium T2080 @ 1.73GHz	706	2238	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2235	NA	NA
Intel Pentium T2310 @ 1.46GHz	730	2225	NA	NA
Intel Pentium T2330 @ 1.60GHz	834	2180	NA	NA
Intel Pentium T2370 @ 1.73GHz	842	2175	24.08	\$35.00*
Intel Pentium T2390 @ 1.86GHz	942	2120	NA	NA
Intel Pentium T2410 @ 2.00GHz	996	2081	NA	NA
Intel Pentium T3200 @ 2.00GHz	1032	2054	86.06	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1114	2004	12.39	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1148	1990	95.70	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1235	1943	NA	NA
Intel Pentium T4400 @ 2.20GHz	1283	1913	NA	NA
Intel Pentium T4500 @ 2.30GHz	1336	1882	NA	NA
Intel Pentium U5400 @ 1.20GHz	822	2185	NA	NA
Intel Pentium U5600 @ 1.33GHz	943	2119	NA	NA
Intel T1200 @ 1.50GHz	435	2419	NA	NA
Intel T1400 @ 1.73GHz	929	2129	NA	NA
Intel T1500 @ 1.86GHz	940	2122	NA	NA
Intel T2050 @ 2.00GHz	959	2110	NA	NA
Intel Xeon 2.00GHz	233	2664	NA	NA
Intel XEON 2.20GHz	252	2643	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 2.40GHz	276	2617	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2418	NA	NA
Intel Xeon 2.80GHz	400	2457	NA	NA
Intel Xeon 3.00GHz	391	2469	NA	NA
Intel Xeon 3.06GHz	491	2353	NA	NA
Intel Xeon 3.20GHz	461	2388	NA	NA
Intel Xeon 3.40GHz	478	2372	NA	NA
Intel Xeon 3.60GHz	509	2342	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2050	NA	NA
Intel Xeon 3.80GHz	604	2287	0.71	\$851.00*
Intel Xeon 1500MHz	193	2702	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1912	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1311	1893	8.30	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1796	9.62	\$157.95*
Intel Xeon 3065 @ 2.33GHz	1504	1805	71.99	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1776	1660	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1634	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1777	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2034	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	1937	8.05	\$155.00
Intel Xeon 5130 @ 2.00GHz	1378	1858	103.95	\$13.26*
Intel Xeon 5133 @ 2.20GHz	1598	1763	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1738	50.57	\$32.42*
Intel Xeon 5148 @ 2.33GHz	1590	1767	39.78	\$39.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 5150 @ 2.66GHz	1747	1674	3.83	\$455.95*
Intel Xeon 5160 @ 3.00GHz	1964	1570	54.88	\$35.80*
Intel Xeon @ 2.20GHz	1902	1598	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5446	671	21.70	\$251.00*
Intel Xeon D-1518 @ 2.20GHz	5322	692	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	630	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	512	NA	NA
Intel Xeon D-1528 @ 1.90GHz	7946	425	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	282	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	443	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	220	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11056	200	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	413	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14693	109	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13950	130	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8095	410	38.01	\$213.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	133	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18252	52	10.35	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6073	595	31.97	\$190.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6688	536	20.33	\$329.10*
Intel Xeon E3-1220 v3 @ 3.10GHz	7088	500	29.42	\$240.89

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1220 v5 @ 3.00GHz	7745	440	31.40	\$246.66
Intel Xeon E3-1220 v6 @ 3.00GHz	8055	412	37.47	\$214.99
Intel Xeon E3-1220L @ 2.20GHz	3563	1031	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	847	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1513	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5924	610	33.85	\$175.00*
Intel Xeon E3-1225 V2 @ 3.20GHz	6865	522	24.87	\$276.06
Intel Xeon E3-1225 v3 @ 3.20GHz	7204	489	15.72	\$458.34*
Intel Xeon E3-1225 v5 @ 3.30GHz	7804	434	31.43	\$248.31*
Intel Xeon E3-1225 v6 @ 3.30GHz	8294	393	35.00	\$236.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7554	456	11.84	\$638.00
Intel Xeon E3-1230 @ 3.20GHz	7848	431	36.50	\$215.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8857	354	24.61	\$359.95
Intel Xeon E3-1230 v3 @ 3.30GHz	9325	313	35.64	\$261.66*
Intel Xeon E3-1230 v5 @ 3.40GHz	9762	278	32.71	\$298.41
Intel Xeon E3-1230 v6 @ 3.50GHz	9947	262	36.84	\$269.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	486	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9628	288	20.06	\$479.97*
Intel Xeon E3-1235 @ 3.20GHz	7680	447	31.48	\$244.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	559	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7958	424	32.62	\$244.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9148	326	16.94	\$539.95
Intel Xeon E3-1240 v3 @ 3.40GHz	9686	286	25.20	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10407	226	30.46	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10148	243	35.00	\$289.99
Intel Xeon E3-1240L v3 @ 2.00GHz	7510	459	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	436	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10022	257	12.93	\$775.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1245 @ 3.30GHz	8048	417	31.56	\$255.00*
Intel Xeon E3-1245 V2 @ 3.40GHz	9117	329	15.01	\$607.59
Intel Xeon E3-1245 v3 @ 3.40GHz	9574	291	28.16	\$339.95*
Intel Xeon E3-1245 v5 @ 3.50GHz	10227	236	29.62	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10523	221	33.95	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9892	267	11.92	\$830.00
Intel Xeon E3-1260L @ 2.40GHz	6534	552	76.32	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10083	249	24.72	\$407.87
Intel Xeon E3-1265L @ 2.40GHz	6038	598	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7785	437	54.67	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	8722	364	12.29	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	335	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	430	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	368	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8239	396	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9474	298	33.57	\$282.22
Intel Xeon E3-1270 v3 @ 3.50GHz	9886	268	26.72	\$369.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1270 v5 @ 3.60GHz	10334	229	29.53	\$349.99
Intel Xeon E3-1270 v6 @ 3.80GHz	11115	195	31.76	\$349.99
Intel Xeon E3-1271 v3 @ 3.60GHz	10071	251	21.97	\$458.50
Intel Xeon E3-1275 @ 3.40GHz	8348	389	27.46	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9339	311	23.66	\$394.72
Intel Xeon E3-1275 v3 @ 3.50GHz	9884	269	24.65	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10380	228	19.44	\$534.12
Intel Xeon E3-1275 v6 @ 3.80GHz	11130	194	30.25	\$367.97
Intel Xeon E3-1275L v3 @ 2.70GHz	8827	358	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10209	237	8.14	\$1,254.00
Intel Xeon E3-1280 @ 3.50GHz	8473	382	23.03	\$368.00*
Intel Xeon E3-1280 V2 @ 3.60GHz	9468	300	6.26	\$1,512.82*
Intel Xeon E3-1280 v3 @ 3.60GHz	9747	281	13.98	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	216	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	189	22.11	\$514.35
Intel Xeon E3-1281 v3 @ 3.70GHz	10295	231	11.73	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10256	234	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10641	217	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11689	187	25.98	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	10024	256	12.41	\$808.02
Intel Xeon E3-1285L v4 @ 3.40GHz	11224	192	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	265	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	10129	244	13.09	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	367	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9749	280	11.02	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	501	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8909	351	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9879	270	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	223	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9302	315	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10625	218	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10451	225	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1575M v5 @ 3.00GHz	10724	213	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10743	212	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10689	214	24.02	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	479	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	467	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5549	656	33.64	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6165	585	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6420	569	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5855	616	266.28	\$21.99*
Intel Xeon E5-1607 v2 @ 3.00GHz	6193	582	19.79	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6931	516	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	484	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9068	334	27.49	\$329.93*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1620 v2 @ 3.70GHz	9463	301	28.76	\$329.00*
Intel Xeon E5-1620 v3 @ 3.50GHz	9756	279	27.20	\$358.70*
Intel Xeon E5-1620 v4 @ 3.50GHz	9972	261	32.59	\$305.95
Intel Xeon E5-1630 v3 @ 3.70GHz	10269	233	17.18	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10295	232	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11752	185	67.16	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12699	160	19.69	\$644.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13614	142	20.50	\$663.97
Intel Xeon E5-1650 v4 @ 3.60GHz	14227	122	22.58	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12369	169	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13686	137	7.57	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14541	114	9.00	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16192	83	NA	NA
Intel Xeon E5-1680 v2 @ 3.00GHz	16345	77	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16633	71	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	63	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	54	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1041	10.84	\$324.97*
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1066	15.34	\$222.84*
Intel Xeon E5-2407 @ 2.20GHz	3872	956	11.56	\$335.04
Intel Xeon E5-2407 v2 @ 2.40GHz	4575	822	9.61	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	706	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	505	18.06	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8629	375	14.88	\$579.95*
Intel Xeon E5-2430 @ 2.20GHz	6878	521	9.44	\$728.95*
Intel Xeon E5-2430 v2 @ 2.50GHz	8833	357	36.06	\$244.96*
Intel Xeon E5-2430L @ 2.00GHz	7269	483	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	543	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	323	177.95	\$51.58
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	305	18.48	\$509.95
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	345	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	240	14.10	\$722.22*
Intel Xeon E5-2450L @ 1.80GHz	8261	395	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	10061	253	31.77	\$316.72*
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	155	5.70	\$2,250.00*
Intel Xeon E5-2603 @ 1.80GHz	3580	1027	128.62	\$27.84*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	982	108.66	\$34.66
Intel Xeon E5-2603 v3 @ 1.60GHz	5165	710	14.47	\$356.89
Intel Xeon E5-2603 v4 @ 1.70GHz	5451	669	23.70	\$229.99*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	429	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4608	813	58.33	\$79.00
Intel Xeon E5-2609 v2 @ 2.50GHz	5124	715	18.27	\$280.47
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	606	9.60	\$618.71
Intel Xeon E5-2609 v4 @ 1.70GHz	6920	518	18.84	\$367.30
Intel Xeon E5-2618L v3 @ 2.30GHz	12508	165	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	113	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7935	426	77.05	\$103.00
Intel Xeon E5-2620 v2 @ 2.10GHz	8694	369	34.37	\$253.00
Intel Xeon E5-2620 v3 @ 2.40GHz	10019	258	14.10	\$710.54*
Intel Xeon E5-2620 v4 @ 2.10GHz	11346	190	25.66	\$442.23
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	349	22.07	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8188	402	14.91	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	308	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	180	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13268	149	9.73	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	202	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8859	353	69.32	\$127.81
Intel Xeon E5-2630 v2 @ 2.60GHz	10392	227	65.36	\$159.00
Intel Xeon E5-2630 v3 @ 2.40GHz	12803	158	23.89	\$535.99
Intel Xeon E5-2630 v4 @ 2.20GHz	13911	131	20.28	\$685.96
Intel Xeon E5-2630L @ 2.00GHz	8001	422	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9780	276	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9476	297	12.60	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	154	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9406	307	5.70	\$1,649.22*
Intel Xeon E5-2637 v3 @ 3.50GHz	10128	245	7.82	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	224	9.84	\$1,063.95
Intel Xeon E5-2640 @ 2.50GHz	9500	294	90.45	\$105.04
Intel Xeon E5-2640 v2 @ 2.00GHz	9904	264	94.50	\$104.81
Intel Xeon E5-2640 v3 @ 2.60GHz	14049	127	7.91	\$1,777.20
Intel Xeon E5-2640 v4 @ 2.40GHz	15331	99	13.78	\$1,112.68
Intel Xeon E5-2643 @ 3.30GHz	8423	385	44.57	\$189.00
Intel Xeon E5-2643 v2 @ 3.50GHz	12824	156	4.85	\$2,641.75*
Intel Xeon E5-2643 v3 @ 3.40GHz	13801	134	8.30	\$1,663.18*
Intel Xeon E5-2643 v4 @ 3.40GHz	13618	141	8.39	\$1,624.07*
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	188	7.40	\$1,538.63
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	138	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14506	116	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10160	242	77.88	\$130.47
Intel Xeon E5-2650 v2 @ 2.60GHz	13074	151	39.38	\$332.00
Intel Xeon E5-2650 v3 @ 2.30GHz	14859	107	7.39	\$2,009.92*
Intel Xeon E5-2650 v4 @ 2.20GHz	15860	90	12.52	\$1,266.37
Intel Xeon E5-2650L @ 1.80GHz	8676	371	109.83	\$79.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13390	146	13.26	\$1,010.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	126	9.42	\$1,496.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	191	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	295	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	125	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	82	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	69	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2660 @ 2.20GHz	11098	198	64.70	\$171.54
Intel Xeon E5-2660 v2 @ 2.20GHz	13309	148	43.70	\$304.54
Intel Xeon E5-2660 v3 @ 2.60GHz	16151	85	9.84	\$1,641.66
Intel Xeon E5-2660 v4 @ 2.00GHz	17069	64	11.46	\$1,489.99
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	128	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11776	184	83.23	\$141.50*
Intel Xeon E5-2667 @ 2.90GHz	10327	230	45.70	\$226.00*
Intel Xeon E5-2667 v2 @ 3.30GHz	16157	84	21.16	\$763.56*
Intel Xeon E5-2667 v3 @ 3.20GHz	16119	86	7.13	\$2,259.95*
Intel Xeon E5-2667 v4 @ 3.20GHz	16447	75	7.46	\$2,205.58
Intel Xeon E5-2670 @ 2.60GHz	12181	174	36.48	\$333.94
Intel Xeon E5-2670 v2 @ 2.50GHz	14994	106	30.66	\$489.00*
Intel Xeon E5-2670 v3 @ 2.30GHz	16619	72	10.03	\$1,657.62
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	79	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	17052	65	24.36	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21450	26	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15156	100	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17659	59	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	67	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25236	8	9.34	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12638	162	68.43	\$184.68
Intel Xeon E5-2680 v2 @ 2.80GHz	15752	94	25.23	\$624.25
Intel Xeon E5-2680 v3 @ 2.50GHz	18616	46	22.16	\$839.99
Intel Xeon E5-2680 v4 @ 2.40GHz	19867	37	11.27	\$1,762.90*
Intel Xeon E5-2682 v4 @ 2.50GHz	19526	41	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17396	61	8.76	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	44	9.26	\$2,056.20
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	105	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	43	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14381	119	23.96	\$600.31
Intel Xeon E5-2687W v2 @ 3.40GHz	16487	74	4.44	\$3,713.55*
Intel Xeon E5-2687W v3 @ 3.10GHz	17718	57	7.06	\$2,509.95
Intel Xeon E5-2687W v4 @ 3.00GHz	19933	35	8.64	\$2,307.31*
Intel Xeon E5-2689 @ 2.60GHz	13476	145	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19892	36	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13860	132	32.76	\$423.12
Intel Xeon E5-2690 v2 @ 3.00GHz	16488	73	29.18	\$565.00*
Intel Xeon E5-2690 v3 @ 2.60GHz	19295	42	8.70	\$2,218.91
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	28	9.07	\$2,350.88*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	87	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15847	91	8.90	\$1,779.95
Intel Xeon E5-2695 v3 @ 2.30GHz	20233	32	10.07	\$2,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	31	7.87	\$2,573.16
Intel Xeon E5-2696 v2 @ 2.50GHz	16681	70	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2696 v3 @ 2.30GHz	22548	16	9.03	\$2,498.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2696 v4 @ 2.20GHz	21331	27	7.09	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17455	60	7.81	\$2,235.02
Intel Xeon E5-2697 v3 @ 2.60GHz	21488	25	8.07	\$2,661.90*
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	23	7.67	\$2,805.00
Intel Xeon E5-2697A v4 @ 2.60GHz	21875	20	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21133	29	6.17	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	21	6.77	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22358	17	5.15	\$4,339.95
Intel Xeon E5-2699 v4 @ 2.20GHz	23200	15	4.75	\$4,879.95
Intel Xeon E5-4603 @ 2.00GHz	5014	741	2.65	\$1,890.99*
Intel Xeon E5-4617 @ 2.90GHz	8684	370	96.60	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	406	2.31	\$3,519.97*
Intel Xeon E5-4627 v3 @ 2.60GHz	14219	123	5.92	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	96	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	222	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	159	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	199	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	12085	176	126.56	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	182	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	170	2.66	\$4,616.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15556	95	3.24	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	140	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1155	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2165	1488	94.21	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1386	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1462	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1846	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1387	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1452	126.39	\$17.92*
Intel Xeon E5320 @ 1.86GHz	2288	1440	8.48	\$269.95*
Intel Xeon E5335 @ 2.00GHz	2513	1354	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2923	1220	73.12	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2856	1243	10.20	\$279.95*
Intel Xeon E5410 @ 2.33GHz	3268	1104	15.79	\$207.01*
Intel Xeon E5420 @ 2.50GHz	3504	1046	13.48	\$259.95
Intel Xeon E5430 @ 2.66GHz	3777	979	104.92	\$36.00*
Intel Xeon E5440 @ 2.83GHz	3978	933	33.16	\$119.95
Intel Xeon E5450 @ 3.00GHz	4204	891	36.25	\$115.98*
Intel Xeon E5462 @ 2.80GHz	3884	953	142.28	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4139	906	75.54	\$54.80*
Intel Xeon E5502 @ 1.87GHz	1378	1857	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1850	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2702	1294	46.99	\$57.50
Intel Xeon E5506 @ 2.13GHz	2977	1201	43.16	\$69.00
Intel Xeon E5507 @ 2.27GHz	3137	1150	6.87	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4447	842	104.92	\$42.39
Intel Xeon E5530 @ 2.40GHz	4605	814	153.53	\$30.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5540 @ 2.53GHz	4758	784	120.78	\$39.40*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5603 @ 1.60GHz	2366	1410	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3049	1179	13.92	\$219.00
Intel Xeon E5607 @ 2.27GHz	3398	1074	10.96	\$310.00*
Intel Xeon E5620 @ 2.40GHz	4860	765	63.64	\$76.37
Intel Xeon E5630 @ 2.53GHz	5109	717	89.25	\$57.25*
Intel Xeon E5640 @ 2.67GHz	5263	700	88.47	\$59.49*
Intel Xeon E5645 @ 2.40GHz	6492	556	60.13	\$107.98*
Intel Xeon E5649 @ 2.53GHz	6936	515	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1391	NA	NA
Intel Xeon E-2146G @ 3.50GHz	16300	81	52.41	\$311.00*
Intel Xeon E-2174G @ 3.80GHz	11949	181	36.43	\$328.00*
Intel Xeon E-2176M @ 2.70GHz	13968	129	31.04	\$450.00*
Intel Xeon E-2186M @ 2.90GHz	14502	117	23.28	\$623.00*
Intel Xeon Gold 5120 @ 2.20GHz	16308	80	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	55	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	11104	197	8.61	\$1,289.99*
Intel Xeon Gold 6126 @ 2.60GHz	19711	39	10.35	\$1,905.00*
Intel Xeon Gold 6128 @ 3.40GHz	15022	104	8.15	\$1,842.27
Intel Xeon Gold 6130 @ 2.10GHz	20222	33	10.22	\$1,978.45
Intel Xeon Gold 6132 @ 2.60GHz	23907	13	10.71	\$2,232.81*
Intel Xeon Gold 6134 @ 3.20GHz	18083	56	7.47	\$2,421.92*
Intel Xeon Gold 6136 @ 3.00GHz	21018	30	7.90	\$2,660.00*
Intel Xeon Gold 6138 @ 2.00GHz	25416	6	9.48	\$2,679.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	12	9.25	\$2,589.99*
Intel Xeon Gold 6144 @ 3.50GHz	19654	40	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	9	6.96	\$3,611.23*
Intel Xeon Gold 6154 @ 3.00GHz	27722	3	7.82	\$3,543.00*
Intel Xeon L3110 @ 3.00GHz	2273	1449	NA	NA
Intel Xeon L3360 @ 2.83GHz	3820	966	42.81	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1880	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	960	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1645	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1450	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1448	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1499	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1279	72.15	\$38.20*
Intel Xeon L5408 @ 2.13GHz	3037	1183	NA	NA
Intel Xeon L5410 @ 2.33GHz	3372	1082	33.70	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3498	1047	162.12	\$21.58*
Intel Xeon L5430 @ 2.66GHz	3716	995	23.53	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	996	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	856	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	865	311.73	\$13.96*
Intel Xeon L5630 @ 2.13GHz	4369	861	252.11	\$17.33*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5638 @ 2.00GHz	5556	654	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	523	NA	NA
Intel Xeon L5640 @ 2.27GHz	6425	568	184.89	\$34.75*
Intel Xeon L7455 @ 2.13GHz	3836	961	NA	NA
Intel Xeon MV 3.20GHz	683	2251	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Platinum 8173M @ 2.00GHz	28860	1	NA	NA
Intel Xeon Silver 4109T @ 2.00GHz	10854	207	21.67	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11793	183	21.38	\$551.50
Intel Xeon Silver 4112 @ 2.60GHz	8548	378	16.15	\$529.21*
Intel Xeon Silver 4114 @ 2.20GHz	14493	118	19.37	\$748.19
Intel Xeon Silver 4116 @ 2.10GHz	15131	102	13.50	\$1,121.16*
Intel Xeon W3503 @ 2.40GHz	1756	1670	108.30	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1858	1625	NA	NA
Intel Xeon W3520 @ 2.67GHz	5059	731	175.98	\$28.75*
Intel Xeon W3530 @ 2.80GHz	5359	685	18.23	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	663	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5706	635	96.07	\$59.40*
Intel Xeon W3565 @ 3.20GHz	5943	605	84.97	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6084	593	12.68	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6433	565	29.99	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8152	404	14.43	\$565.00*
Intel Xeon W3680 @ 3.33GHz	9093	333	11.97	\$759.95
Intel Xeon W3690 @ 3.47GHz	9182	322	4.06	\$2,260.61*
Intel Xeon W5580 @ 3.20GHz	5836	619	54.53	\$107.03
Intel Xeon W5590 @ 3.33GHz	6183	583	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	7001	508	20.72	\$337.99*
Intel Xeon W-2123 @ 3.60GHz	10772	209	26.89	\$400.64
Intel Xeon W-2125 @ 4.00GHz	12385	168	27.90	\$444.00*
Intel Xeon W-2133 @ 3.60GHz	14164	124	22.96	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16398	76	16.13	\$1,016.94
Intel Xeon W-2140B @ 3.20GHz	18472	51	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19844	38	15.32	\$1,294.94*
Intel Xeon W-2150B @ 3.00GHz	21522	24	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21802	22	14.25	\$1,530.39*
Intel Xeon W-2195 @ 2.30GHz	24983	10	9.17	\$2,725.06*
Intel Xeon X3210 @ 2.13GHz	2737	1286	14.74	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3091	1163	53.32	\$57.99*
Intel Xeon X3230 @ 2.66GHz	3428	1063	9.52	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3335	1091	14.53	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3155	1147	44.45	\$70.99*
Intel Xeon X3330 @ 2.66GHz	3375	1081	16.08	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3847	959	64.14	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3881	954	52.81	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3956	938	25.05	\$157.95*
Intel Xeon X3363 @ 2.83GHz	4014	926	25.42	\$157.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3370 @ 3.00GHz	4289	876	11.69	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	799	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3371	1083	127.17	\$26.51
Intel Xeon X3440 @ 2.53GHz	4549	828	20.22	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4824	773	60.34	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5117	716	14.33	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5156	711	10.11	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	641	NA	NA
Intel Xeon X5260 @ 3.33GHz	2453	1375	17.62	\$139.24*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5270 @ 3.50GHz	2535	1346	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1399	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3218	1122	10.38	\$309.95
Intel Xeon X5365 @ 3.00GHz	3491	1048	35.09	\$99.50
Intel Xeon X5450 @ 3.00GHz	4127	910	68.84	\$59.96
Intel Xeon X5460 @ 3.16GHz	4342	866	27.15	\$159.95
Intel Xeon X5470 @ 3.33GHz	4611	812	15.69	\$293.87*
Intel Xeon X5472 @ 3.00GHz	4040	920	17.96	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4569	824	45.70	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4829	772	3.47	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5404	679	312.95	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5399	680	96.61	\$55.89*
Intel Xeon X5570 @ 2.93GHz	5679	639	23.67	\$239.95*
Intel Xeon X5647 @ 2.93GHz	5980	602	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7425	468	256.05	\$29.00
Intel Xeon X5660 @ 2.80GHz	7636	451	65.30	\$116.94
Intel Xeon X5667 @ 3.07GHz	4722	788	67.47	\$70.00*
Intel Xeon X5670 @ 2.93GHz	7932	427	65.97	\$120.23
Intel Xeon X5672 @ 3.20GHz	6438	562	22.69	\$283.72*
Intel Xeon X5675 @ 3.07GHz	8479	381	20.74	\$408.95
Intel Xeon X5677 @ 3.47GHz	7000	510	35.44	\$197.50*
Intel Xeon X5679 @ 3.20GHz	8845	355	NA	NA
Intel Xeon X5680 @ 3.33GHz	8571	377	49.01	\$174.90
Intel Xeon X5687 @ 3.60GHz	7091	499	56.96	\$124.51
Intel Xeon X5690 @ 3.47GHz	8940	348	26.51	\$337.27
Intel Xeon X5698 @ 4.40GHz	4272	878	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1200	NA	NA
Mobile AMD Athlon 4	314	2552	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2506	NA	NA
Mobile AMD Athlon 64 2700+	398	2459	NA	NA
Mobile AMD Athlon 64 2800+	440	2408	NA	NA
Mobile AMD Athlon 64 3000+	450	2398	NA	NA
Mobile AMD Athlon 64 3200+	448	2401	NA	NA
Mobile AMD Athlon 64 3400+	511	2340	NA	NA
Mobile AMD Athlon 64 3700+	435	2420	NA	NA
Mobile AMD Athlon 64 4000+	576	2301	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon 1400+	266	2628	NA	NA
Mobile AMD Athlon 2500+	370	2490	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2629	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2478	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2583	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2351	NA	NA
Mobile AMD Athlon XP	572	2306	45.81	\$12.49
Mobile AMD Athlon XP-M	512	2339	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2711	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2633	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2637	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2540	NA	NA
Mobile AMD Athlon XP-M 1800+	312	2556	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 1900+	342	2525	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2572	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2500	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2520	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2518	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2489	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2498	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2497	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2411	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2359	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2344	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2590	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2581	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2530	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2487	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2376	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2346	NA	NA
Mobile AMD Sempron 2100+	252	2644	NA	NA
Mobile AMD Sempron 2600+	394	2464	NA	NA
Mobile AMD Sempron 2800+	361	2503	NA	NA
Mobile AMD Sempron 3000+	389	2472	NA	NA
Mobile AMD Sempron 3100+	416	2432	NA	NA
Mobile AMD Sempron 3200+	354	2510	NA	NA
Mobile AMD Sempron 3300+	445	2404	NA	NA
Mobile AMD Sempron 3400+	440	2409	NA	NA
Mobile AMD Sempron 3500+	411	2437	NA	NA
Mobile AMD Sempron 3600+	431	2425	NA	NA
Mobile AMD Sempron 3800+	485	2364	NA	NA
Mobile Intel Celeron 1.20GHz	170	2721	NA	NA
Mobile Intel Celeron 1.50GHz	188	2705	NA	NA
Mobile Intel Celeron 1.60GHz	188	2706	NA	NA
Mobile Intel Celeron 1.70GHz	181	2714	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 1.80GHz	186	2708	NA	NA
Mobile Intel Celeron 2.00GHz	204	2691	NA	NA
Mobile Intel Celeron 2.20GHz	226	2671	NA	NA
Mobile Intel Celeron 2.40GHz	239	2659	NA	NA
Mobile Intel Celeron 2.50GHz	281	2608	NA	NA
Mobile Intel Celeron 1200MHz	294	2584	NA	NA
Mobile Intel Celeron 1333MHz	280	2611	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2616	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2631	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2613	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2550	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2528	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2507	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2412	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2373	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2700	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2720	0.75	\$230.88
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 - M 1.80GHz	175	2717	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2666	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2695	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2697	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2682	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2639	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2553	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2685	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2696	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2648	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2588	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2672	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2589	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1361	NA	NA
Quad-Core AMD Opteron 1385	3442	1061	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3427	1064	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1219	NA	NA
VIA C3 Ezra	100	2749	NA	NA
VIA C7 1500MHz	284	2601	NA	NA
VIA C7-D 1500MHz	287	2596	NA	NA
VIA C7-D 1800MHz	203	2692	NA	NA
VIA C7-D 2000MHz	368	2493	NA	NA
VIA C7-M 1000MHz	164	2723	NA	NA
VIA C7-M 1200MHz	140	2736	NA	NA
VIA C7-M 1600MHz	178	2716	NA	NA
VIA C7-M 6300MHz	222	2674	NA	NA
VIA Eden 800MHz	155	2727	NA	NA
VIA Eden 1000MHz	123	2744	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Eden 1200MHz	142	2735	NA	NA
VIA Eden C1050@1.06GHz	352	2513	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2371	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	1993	NA	NA
VIA Esther 1000MHz	146	2734	NA	NA
VIA Esther 1300MHz	250	2647	NA	NA
VIA Esther 1500MHz	219	2676	NA	NA
VIA Esther 2000MHz	394	2463	NA	NA
VIA Nano L1900@1400MHz	457	2391	NA	NA
VIA Nano L2007@1600MHz	369	2491	NA	NA
VIA Nano L2100@1800MHz	428	2427	NA	NA
VIA Nano L2207@1600MHz	296	2580	NA	NA
VIA Nano L3025@1600MHz	517	2334	NA	NA
VIA Nano L3050@1800MHz	581	2299	NA	NA
VIA Nano L3600@2000MHz	645	2265	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2480	NA	NA
VIA Nano U2250@1300+MHz	274	2620	NA	NA
VIA Nano U2500@1200MHz	306	2563	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2348	NA	NA
VIA Nano U3300@1200MHz	409	2439	NA	NA
VIA Nano U3500@1000MHz	275	2618	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano X2 U4025 @ 1.2 GHz	605	2285	NA	NA
VIA Nehemiah	155	2728	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1606	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1866	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1973	NA	NA
VIA Samuel 2	79	2751	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	275	24.17	\$317.40*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	110	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	376	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	382	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	428	NA	NA
[Dual CPU] AMD EPYC 7281	12720	161	8.83	\$1,439.98
[Dual CPU] AMD EPYC 7401	23518	56	5.74	\$4,097.98
[Dual CPU] AMD EPYC 7451	28957	26	5.45	\$5,309.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD EPYC 7501	26884	34	2.84	\$9,457.56
[Dual CPU] AMD EPYC 7551	30966	17	4.10	\$7,553.98
[Dual CPU] AMD EPYC 7601	33545	9	3.65	\$9,194.78
[Dual CPU] AMD Opteron 246	1130	417	28.26	\$39.98
[Dual CPU] AMD Opteron 248	1053	418	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	414	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1385	415	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	423	NA	NA
[Dual CPU] AMD Opteron 256	1853	411	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	409	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	405	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	408	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	400	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	391	NA	NA
[Dual CPU] AMD Opteron 290	2807	388	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	385	NA	NA
[Dual CPU] AMD Opteron 2212	2203	406	91.79	\$24.00*
[Dual CPU] AMD Opteron 2214	2344	401	40.41	\$58.00
[Dual CPU] AMD Opteron 2214 HE	2463	399	NA	NA
[Dual CPU] AMD Opteron 2216	2485	397	6.98	\$356.00*
[Dual CPU] AMD Opteron 2216 HE	2593	394	NA	NA
[Dual CPU] AMD Opteron 2218	2719	392	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	395	NA	NA
[Dual CPU] AMD Opteron 2220	2850	386	0.97	\$2,950.32*
[Dual CPU] AMD Opteron 2220 SE	2882	384	57.64	\$50.00
[Dual CPU] AMD Opteron 2222	3008	379	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	374	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	364	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	371	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	365	7.55	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	353	6.88	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	356	148.53	\$29.90
[Dual CPU] AMD Opteron 2360 SE	5315	336	98.43	\$54.00
[Dual CPU] AMD Opteron 2373 EE	4164	362	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	349	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	337	15.70	\$333.60*
[Dual CPU] AMD Opteron 2378	5318	335	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	323	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	320	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6312	309	NA	NA
[Dual CPU] AMD Opteron 2389	5677	324	48.11	\$118.00
[Dual CPU] AMD Opteron 2419	5191	339	216.47	\$23.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2425 HE	6209	312	NA	NA
[Dual CPU] AMD Opteron 2427	5980	318	30.20	\$198.00
[Dual CPU] AMD Opteron 2431	6438	304	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	7068	289	29.35	\$240.80*
[Dual CPU] AMD Opteron 2439 SE	8071	262	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	366	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	326	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	307	53.76	\$118.00
[Dual CPU] AMD Opteron 4180	6367	305	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7848	267	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	260	80.90	\$99.98
[Dual CPU] AMD Opteron 4228 HE	7986	263	NA	NA
[Dual CPU] AMD Opteron 4234	9361	228	20.35	\$459.98
[Dual CPU] AMD Opteron 4276 HE	9681	222	NA	NA
[Dual CPU] AMD Opteron 4280	4525	354	45.26	\$99.98
[Dual CPU] AMD Opteron 4284	8772	242	73.11	\$119.98
[Dual CPU] AMD Opteron 4334	9456	227	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	200	21.71	\$479.98
[Dual CPU] AMD Opteron 4376 HE	10244	207	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	189	40.57	\$279.98
[Dual CPU] AMD Opteron 6128	6881	294	163.91	\$41.98
[Dual CPU] AMD Opteron 6128 HE	5582	329	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	245	NA	NA
[Dual CPU] AMD Opteron 6136	7255	283	10.10	\$718.00*
[Dual CPU] AMD Opteron 6164 HE	5109	342	NA	NA
[Dual CPU] AMD Opteron 6168	7741	272	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7623	276	38.50	\$198.00
[Dual CPU] AMD Opteron 6174	8776	241	20.90	\$419.96
[Dual CPU] AMD Opteron 6176 SE	8448	250	15.30	\$552.06
[Dual CPU] AMD Opteron 6180 SE	3114	377	NA	NA
[Dual CPU] AMD Opteron 6204	7134	286	50.96	\$139.98
[Dual CPU] AMD Opteron 6212	8955	234	149.30	\$59.98
[Dual CPU] AMD Opteron 6220	10740	196	89.51	\$119.98
[Dual CPU] AMD Opteron 6234	10079	211	72.00	\$139.98*
[Dual CPU] AMD Opteron 6238	10349	202	86.26	\$119.98
[Dual CPU] AMD Opteron 6272	9998	214	100.00	\$99.98
[Dual CPU] AMD Opteron 6274	10682	197	25.43	\$420.00*
[Dual CPU] AMD Opteron 6275	9936	217	NA	NA
[Dual CPU] AMD Opteron 6276	10194	209	63.72	\$159.98
[Dual CPU] AMD Opteron 6284 SE	11985	175	17.12	\$699.98
[Dual CPU] AMD Opteron 6308	8351	253	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10914	194	27.29	\$399.98
[Dual CPU] AMD Opteron 6328	11722	178	29.31	\$399.98
[Dual CPU] AMD Opteron 6344	11203	190	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	185	28.53	\$399.98
[Dual CPU] AMD Opteron 6376	10405	201	80.04	\$130.00
[Dual CPU] AMD Opteron 6378	2905	383	7.26	\$399.98
[Dual CPU] AMD Opteron 6380	14200	147	71.01	\$199.98
[Dual CPU] AMD Opteron 6386 SE	10764	195	35.88	\$299.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 8218	2831	387	67.40	\$42.00
[Dual CPU] AMD Opteron 8220	2510	396	NA	NA
[Dual CPU] AMD Opteron 8222 SE	2793	390	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	375	73.25	\$44.00
[Dual CPU] AMD Opteron 8380	5643	327	13.70	\$412.00*
[Dual CPU] AMD Opteron 8381 HE	5210	338	NA	NA
[Dual CPU] AMD Opteron 8389	6517	301	155.24	\$41.98*
[Dual CPU] AMD Opteron 8431	5813	321	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6781	297	47.09	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	274	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	416	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	403	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	370	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7955	264	2.20	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	437	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	435	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	431	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	433	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	438	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	439	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	436	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	434	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	429	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	687	425	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	784	424	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	427	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	857	422	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	421	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	929	420	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	410	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	419	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2154	407	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	402	7.45	\$310.00
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2615	393	98.60	\$26.52*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	378	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2983	381	46.01	\$64.84*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	380	37.50	\$79.98*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3449	372	3.78	\$911.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3834	368	53.55	\$71.60*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8987	232	17.90	\$502.00*
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11646	181	15.32	\$759.98*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	313	9.55	\$649.94*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	310	14.14	\$445.68*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7486	279	11.17	\$670.08

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	231	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11628	183	14.91	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11809	176	10.18	\$1,159.90*
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	255	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	151	9.35	\$1,457.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	14171	148	28.93	\$489.92*
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	187	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	167	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	160	12.60	\$1,019.90
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	150	9.50	\$1,444.44*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	121	18.86	\$878.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11647	180	44.80	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	120	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	103	4.13	\$4,500.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6326	308	113.61	\$55.68*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	300	94.06	\$69.32
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8374	251	11.73	\$713.78
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8785	240	19.10	\$459.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8228	258	52.08	\$158.00
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8844	237	15.77	\$560.94
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9984	215	8.07	\$1,237.42
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10992	193	14.96	\$734.60
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12401	165	60.20	\$206.00
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13435	158	26.55	\$506.00
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15281	135	10.75	\$1,421.08*
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16515	122	18.67	\$884.46
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14251	146	17.59	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12367	166	11.26	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	143	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13621	154	53.29	\$255.62
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16035	126	50.42	\$318.00
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18538	104	17.29	\$1,071.98
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18857	102	13.74	\$1,371.92
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	191	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	152	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	136	10.10	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	281	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	16019	128	4.86	\$3,298.44*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16437	123	6.34	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16678	119	7.84	\$2,127.90
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14708	139	70.01	\$210.08
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14453	144	68.95	\$209.62
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20164	90	5.67	\$3,554.40
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20786	85	9.34	\$2,225.36
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13621	153	36.03	\$378.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21298	78	4.03	\$5,283.50*
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21083	81	6.34	\$3,326.36*
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21618	73	6.66	\$3,248.14*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	170	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	11808	177	3.99	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	109	5.88	\$3,077.26
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15001	137	57.49	\$260.94
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19002	101	28.62	\$664.00
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20530	88	5.11	\$4,019.84*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20452	89	8.08	\$2,532.74
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	145	91.04	\$158.00
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14703	140	35.01	\$420.00*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	84	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13319	159	4.56	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18096	108	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	98	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16368	124	47.71	\$343.08
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18347	105	30.12	\$609.08
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22600	67	6.88	\$3,283.32
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23128	62	7.76	\$2,979.98
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	61	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17470	111	61.73	\$283.00*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	46	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17003	115	37.62	\$452.00*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22821	66	14.94	\$1,527.12*
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23109	63	5.11	\$4,519.90*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23855	53	5.41	\$4,411.16
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18247	106	27.32	\$667.88
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	21136	80	21.61	\$978.00*
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	70	6.75	\$3,315.24
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23547	55	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	60	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	22	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	91	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	74	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	21	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18209	107	49.30	\$369.36
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21468	75	17.20	\$1,248.50
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24963	45	14.86	\$1,679.98
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	58	6.63	\$3,525.80*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	116	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21028	82	5.30	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	44	6.08	\$4,112.40
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	71	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	35	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 E5-2687W @ 3.10GHz	21027	83	17.51	\$1,200.62
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23271	59	3.13	\$7,427.10*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24152	50	4.81	\$5,019.90
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26639	36	5.77	\$4,614.62*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	94	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	38	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19921	93	23.54	\$846.24
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23780	54	21.04	\$1,130.00*
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25668	42	5.78	\$4,437.82
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27561	32	5.86	\$4,701.76*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20590	87	5.78	\$3,559.90
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	47	6.18	\$4,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	43	4.98	\$5,146.32
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23914	52	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	19	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31528	14	5.24	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23453	57	5.25	\$4,470.04
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28349	29	5.32	\$5,323.80*
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30520	18	5.44	\$5,610.00
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	30	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29958	20	4.37	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	11	5.00	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	51	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	25751	41	2.97	\$8,679.90
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34053	8	3.49	\$9,759.90
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	86	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	97	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	130	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	99	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	95	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19127	100	100.15	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	138	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	198	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	68	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	33	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	171	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	131	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	69	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15488	132	33.24	\$466.00
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	213	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	404	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	367	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3601	369	100.47	\$35.84*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4141	363	7.67	\$539.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	345	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 E5335 @ 2.00GHz	4593	352	129.23	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5130	341	64.14	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5182	340	9.26	\$559.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6027	316	14.56	\$414.02*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6363	306	12.24	\$519.90
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6862	296	95.31	\$72.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7177	284	29.92	\$239.90
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7568	277	32.63	\$231.96*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7117	287	130.35	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7836	269	71.50	\$109.60*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2480	398	13.05	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	389	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4891	346	42.53	\$115.00
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5000	344	36.23	\$138.00
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5434	332	5.95	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7438	280	87.73	\$84.78
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7724	273	128.73	\$60.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	268	99.59	\$78.80*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4236	360	16.41	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5560	330	12.69	\$438.00
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5992	317	9.66	\$620.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8087	261	52.95	\$152.74
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8353	252	72.95	\$114.50*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8790	239	73.88	\$118.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10337	204	47.87	\$215.96*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10296	205	44.77	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	331	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	334	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	21833	72	7.95	\$2,745.38*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	49	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	79	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	21447	76	7.96	\$2,696.00*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25997	40	8.33	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17302	113	6.71	\$2,579.98*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27978	31	7.34	\$3,810.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	23003	65	6.24	\$3,684.54
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	23057	64	5.83	\$3,956.90
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	29382	23	6.58	\$4,465.62*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	26525	37	5.48	\$4,843.84*
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29135	24	5.48	\$5,320.00*
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35063	7	6.54	\$5,359.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	33297	10	6.43	\$5,179.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	28	4.89	\$5,904.00*
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28882	27	4.94	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	28993	25	4.01	\$7,222.46*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	15	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35368	6	4.65	\$7,599.98
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36493	3	5.15	\$7,086.00*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	355	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	359	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	347	64.02	\$76.40*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	328	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6137	314	30.66	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6487	303	150.30	\$43.16*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6600	298	20.89	\$315.90*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	293	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	292	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	265	284.35	\$27.92*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	291	202.14	\$34.66*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	235	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	223	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9727	221	139.96	\$69.50*
[Dual CPU] Intel Xeon MP 2.50GHz	550	430	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	432	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	426	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	412	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	32226	12	2.09	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39514	2	3.35	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	5	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	35981	4	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	31092	16	1.55	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	16342	125	17.02	\$959.98*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16810	118	15.24	\$1,103.00
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13562	157	12.81	\$1,058.42*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19569	96	13.08	\$1,496.38
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	19929	92	8.89	\$2,242.32*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	210	47.23	\$214.06
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	203	2.06	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	206	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4768	350	17.12	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	351	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	348	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5779	322	9.32	\$619.90
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6237	311	31.34	\$199.00
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7487	278	62.43	\$119.92

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	7853	266	24.55	\$319.90
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8178	259	13.91	\$587.74*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7780	270	17.29	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8236	257	41.18	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8769	243	3.15	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8971	233	259.73	\$34.54*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	229	81.27	\$111.78*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9533	226	19.86	\$479.90*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	218	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11366	188	195.97	\$58.00
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11662	179	49.86	\$233.88
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	238	62.98	\$140.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12353	168	51.37	\$240.46
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	212	17.76	\$567.44*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12637	163	15.45	\$817.90
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11406	186	28.88	\$395.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	155	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13598	156	38.87	\$349.80
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11991	174	48.15	\$249.02
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13832	149	20.51	\$674.54
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	249	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	299	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	244	41.21	\$211.60*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	216	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	182	264.34	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	361	9.48	\$440.00*
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	343	15.28	\$330.00*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	358	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	357	199.09	\$21.98
[Dual CPU] Quad-Core AMD Opteron 8378	5382	333	30.51	\$176.42*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	295	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	325	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	319	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	254	NA	NA
[Quad CPU] AMD Opteron 6136	9767	219	6.80	\$1,436.00*
[Quad CPU] AMD Opteron 6174	8594	247	10.23	\$839.92
[Quad CPU] AMD Opteron 6272	12292	169	61.47	\$199.96
[Quad CPU] AMD Opteron 6274	10488	199	12.49	\$840.00*
[Quad CPU] AMD Opteron 6276	15342	134	47.95	\$319.96
[Quad CPU] AMD Opteron 6278	12055	173	23.18	\$519.96
[Quad CPU] AMD Opteron 6282 SE	11044	192	21.24	\$519.96
[Quad CPU] AMD Opteron 6376	14681	141	56.47	\$260.00
[Quad CPU] AMD Opteron 6380	12442	164	31.11	\$399.96
[Quad CPU] AMD Opteron 8360 SE	6490	302	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	315	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 8382	8553	248	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	282	NA	NA
[Quad CPU] AMD Opteron 8431	8252	256	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	288	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	236	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	413	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	373	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	117	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	129	1.13	\$14,079.88*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	48	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	77	55.95	\$381.96*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	127	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	13	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	114	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	112	131.38	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14622	142	15.69	\$932.00
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	162	15.87	\$799.96*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	290	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	271	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	208	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	224	40.56	\$236.00
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	230	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	39	5.07	\$5,159.96*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	220	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	225	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12068	172	28.52	\$423.20*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	246	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	184	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	133	175.16	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	285	163.10	\$43.96

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