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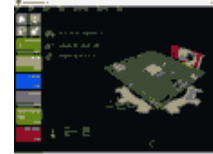
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CPU Benchmarks

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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.

How does your CPU compare?
Add your CPU to our benchmark chart with PerformanceTest V9!

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	2588	NA	NA
AMD A4 Micro-6400T APU	1544	1778	NA	NA
AMD A4 PRO-3340B	2402	1392	NA	NA
AMD A4 PRO-7300B APU	2338	1410	NA	NA
AMD A4 PRO-7350B	2794	1259	NA	NA
AMD A4-1200 APU	641	2264	NA	NA
AMD A4-1250 APU	614	2275	NA	NA
AMD A4-3300 APU	1506	1799	116.00	\$12.99
AMD A4-3300M APU	1183	1964	39.48	\$29.99*
AMD A4-3305M APU	1221	1946	40.73	\$30.00*
AMD A4-3310MX APU	1291	1901	NA	NA
AMD A4-3320M APU	1253	1928	36.88	\$34.00
AMD A4-3330MX APU	1218	1947	NA	NA
AMD A4-3400 APU	1596	1760	18.15	\$87.95*
AMD A4-3420 APU	1676	1713	NA	NA
AMD A4-4000 APU	1818	1641	60.64	\$29.99
AMD A4-4020 APU	1918	1586	45.69	\$42.00
AMD A4-4300M APU	1613	1749	40.49	\$39.86
AMD A4-4355M APU	1174	1966	NA	NA
AMD A4-5000 APU	1907	1590	NA	NA
AMD A4-5050 APU	2113	1507	NA	NA
AMD A4-5100 APU	2037	1534	NA	NA
AMD A4-5150M APU	1844	1627	NA	NA
AMD A4-5300 APU	2012	1546	34.30	\$58.66
AMD A4-5300B APU	2116	1503	55.70	\$38.00*
AMD A4-6210 APU	2154	1485	NA	NA
AMD A4-6250J APU	2556	1336	NA	NA
AMD A4-6300 APU	2219	1465	53.49	\$41.49
AMD A4-6300B APU	2129	1497	21.30	\$100.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-6320 APU	2322	1415	33.18	\$69.99
AMD A4-7210 APU	2503	1356	NA	NA
AMD A4-7300 APU	2290	1431	17.09	\$134.00
AMD A4-9120	1880	1609	NA	NA
AMD A6 Micro-6500T APU	1834	1634	NA	NA
AMD A6 PRO-7050B APU	1605	1751	NA	NA
AMD A6 PRO-7400B	2749	1277	NA	NA
AMD A6-1450 APU	1518	1792	NA	NA
AMD A6-3400M APU	1886	1608	62.94	\$29.97*
AMD A6-3410MX APU	2055	1529	68.54	\$29.99*
AMD A6-3420M APU	2002	1549	NA	NA
AMD A6-3430MX APU	2225	1464	NA	NA
AMD A6-3500 APU	2010	1547	50.27	\$39.99
AMD A6-3600 APU	2703	1289	117.61	\$22.99*
AMD A6-3620 APU	2808	1255	46.81	\$59.99*
AMD A6-3650 APU	3160	1143	21.07	\$149.99*
AMD A6-3670 APU	3192	1127	63.86	\$49.99
AMD A6-4400M APU	1634	1736	41.01	\$39.86*
AMD A6-4455M APU	1282	1910	NA	NA
AMD A6-5200 APU	2422	1385	NA	NA
AMD A6-5345M APU	1476	1811	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	1904	1592	44.18	\$43.12
AMD A6-5357M APU	1938	1575	NA	NA
AMD A6-5400B APU	2194	1474	20.89	\$105.04*
AMD A6-5400K APU	2150	1489	17.48	\$123.00
AMD A6-6310 APU	2442	1377	NA	NA
AMD A6-6400B APU	2281	1441	NA	NA
AMD A6-6400K APU	2298	1429	32.84	\$69.99
AMD A6-6420B APU	2612	1314	NA	NA
AMD A6-6420K APU	2361	1407	15.75	\$149.99
AMD A6-7000	1671	1715	NA	NA
AMD A6-7310 APU	2669	1297	NA	NA
AMD A6-7400K APU	2782	1261	55.67	\$49.98
AMD A6-7470K	2777	1263	39.69	\$69.99
AMD A6-8500P	2183	1478	NA	NA
AMD A6-8550	3104	1158	NA	NA
AMD A6-9200	1782	1655	NA	NA
AMD A6-9210	1921	1583	NA	NA
AMD A6-9220	2207	1469	NA	NA
AMD A6-9220e	1578	1765	NA	NA
AMD A6-9225	2442	1378	NA	NA
AMD A6-9230	2274	1442	NA	NA
AMD A6-9500	2973	1197	63.32	\$46.96
AMD A8 PRO-7150B APU	2667	1299	NA	NA
AMD A8 PRO-7600B APU	4811	774	NA	NA
AMD A8-3500M APU	1972	1561	28.19	\$69.95
AMD A8-3510MX APU	2367	1404	NA	NA
AMD A8-3520M APU	2178	1481	NA	NA
AMD A8-3530MX APU	2378	1398	NA	NA
AMD A8-3550MX APU	2610	1315	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-3800 APU	3039	1177	17.88	\$169.99*
AMD A8-3820 APU	3135	1148	25.09	\$124.99*
AMD A8-3850 APU	3469	1053	26.33	\$131.79*
AMD A8-3870K APU	3559	1030	17.66	\$201.54*
AMD A8-4500M APU	2664	1300	NA	NA
AMD A8-4555M APU	2124	1501	NA	NA
AMD A8-5500 APU	3994	929	30.96	\$129.00*
AMD A8-5500B APU	3950	936	NA	NA
AMD A8-5545M APU	2588	1324	NA	NA
AMD A8-5550M APU	3005	1188	NA	NA
AMD A8-5557M APU	2959	1202	NA	NA
AMD A8-5600K APU	4341	864	48.24	\$89.99
AMD A8-6410 APU	2569	1333	NA	NA
AMD A8-6500 APU	4386	853	27.25	\$160.99*
AMD A8-6500B APU	4596	814	NA	NA
AMD A8-6500T APU	3221	1116	NA	NA
AMD A8-6600K APU	4579	817	24.22	\$189.04*
AMD A8-7050	1986	1555	NA	NA
AMD A8-7100 APU	2814	1252	NA	NA
AMD A8-7200P	3300	1096	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	1280	NA	NA
AMD A8-7600 APU	5095	719	78.40	\$64.99
AMD A8-7650K	4930	754	66.63	\$73.99
AMD A8-7670K	5105	716	31.99	\$159.60
AMD A8-8600P	3248	1107	NA	NA
AMD A8-8650	5470	663	NA	NA
AMD A8-9600	4996	739	83.30	\$59.99
AMD A9-9400	2302	1426	NA	NA
AMD A9-9410	2556	1335	NA	NA
AMD A9-9420	2308	1421	NA	NA
AMD A9-9420e	1803	1646	NA	NA
AMD A9-9425	2750	1275	NA	NA
AMD A9-9430	2513	1351	NA	NA
AMD A10 Micro-6700T APU	1890	1604	NA	NA
AMD A10 PRO-7350B APU	3222	1115	NA	NA
AMD A10 PRO-7800B APU	5379	680	NA	NA
AMD A10 PRO-7850B APU	5467	664	NA	NA
AMD A10-4600M APU	3112	1155	NA	NA
AMD A10-4655M APU	2594	1321	NA	NA
AMD A10-4657M APU	2906	1222	NA	NA
AMD A10-5700 APU	4209	887	13.23	\$318.06
AMD A10-5745M APU	2762	1270	NA	NA
AMD A10-5750M APU	3341	1087	NA	NA
AMD A10-5757M APU	3085	1163	NA	NA
AMD A10-5800B APU	4651	797	NA	NA
AMD A10-5800K APU	4637	800	36.81	\$125.99*
AMD A10-6700 APU	4603	812	9.06	\$508.16*
AMD A10-6700T APU	3691	1002	25.01	\$147.61*
AMD A10-6790K APU	4704	788	22.75	\$206.82*
AMD A10-6800B APU	4991	741	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-6800K APU	4858	762	16.94	\$286.85*
AMD A10-7300 APU	2905	1225	NA	NA
AMD A10-7400P	3631	1012	NA	NA
AMD A10-7700K APU	5130	711	51.31	\$99.99
AMD A10-7800 APU	4995	740	49.96	\$99.99
AMD A10-7850K APU	5475	660	42.12	\$129.99
AMD A10-7860K	5094	720	12.80	\$398.00
AMD A10-7870K	5472	661	39.66	\$138.00
AMD A10-7890K	5747	629	29.62	\$194.00
AMD A10-8700P	3454	1056	NA	NA
AMD A10-8750	5091	721	NA	NA
AMD A10-8850	5616	643	NA	NA
AMD A10-9600P	3801	969	NA	NA
AMD A10-9620P	3710	995	NA	NA
AMD A10-9630P	4497	832	NA	NA
AMD A10-9700	5444	671	77.79	\$69.99
AMD A10-9700E	4687	791	66.98	\$69.99
AMD A12-9700P	3732	989	NA	NA
AMD A12-9720P	4020	921	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A12-9730P	4351	861	NA	NA
AMD A12-9800	5516	657	42.44	\$129.99
AMD A12-9800E	5060	728	50.61	\$99.99
AMD Athlon64 X2 Dual Core 3800+	970	2094	NA	NA
AMD Athlon64 X2 Dual Core 4200+	1006	2068	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	2006	NA	NA
AMD Athlon 4	279	2607	7.00	\$39.99
AMD Athlon 64 2000+	116	2741	NA	NA
AMD Athlon 64 2200+	575	2298	NA	NA
AMD Athlon 64 2600+	374	2480	NA	NA
AMD Athlon 64 2800+	438	2410	4.38	\$99.99*
AMD Athlon 64 3000+	463	2380	7.72	\$60.00
AMD Athlon 64 3200+	491	2348	3.28	\$149.95*
AMD Athlon 64 3300+	576	2296	NA	NA
AMD Athlon 64 3400+	545	2310	NA	NA
AMD Athlon 64 3500+	539	2316	4.96	\$108.95
AMD Athlon 64 3600+	601	2284	NA	NA
AMD Athlon 64 3700+	599	2285	8.69	\$69.00*
AMD Athlon 64 3800+	588	2289	5.40	\$108.95
AMD Athlon 64 4000+	605	2279	20.19	\$30.00
AMD Athlon 64 FX-25	794	2191	NA	NA
AMD Athlon 64 FX-34	380	2471	NA	NA
AMD Athlon 64 FX-51	437	2411	NA	NA
AMD Athlon 64 FX-53	646	2259	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2223	4.01	\$179.95
AMD Athlon 64 FX-57	730	2219	NA	NA
AMD Athlon 64 FX-59	715	2227	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1911	NA	NA
AMD Athlon 64 FX-62 Dual Core	1579	1764	NA	NA
AMD Athlon 64 FX-72	1794	1651	NA	NA
AMD Athlon 64 FX-74	1495	1804	2.99	\$499.50*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 3800+	958	2106	NA	NA
AMD Athlon 64 X2 4200+	1285	1907	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1859	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2079	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	970	2095	16.17	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1001	2071	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1040	2046	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	2010	6.11	\$179.95
AMD Athlon 64 X2 Dual Core 4400+	1147	1988	5.74	\$199.95*
AMD Athlon 64 X2 Dual Core 4600+	1222	1944	3.40	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1257	1925	2.73	\$459.95*
AMD Athlon 64 X2 Dual Core 5000+	1312	1886	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1383	1849	26.06	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1444	1824	27.27	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1483	1809	9.89	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1784	38.26	\$39.95*
AMD Athlon 64 X2 Dual Core 6000+	1604	1755	49.35	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1790	1652	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	2014	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2025	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2044	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2172	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2173	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2093	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2151	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2184	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	872	2152	11.99	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	928	2125	NA	NA
AMD Athlon 64 X2 QL-60	918	2135	NA	NA
AMD Athlon 64 X2 QL-62	1014	2062	NA	NA
AMD Athlon 64 X2 QL-64	989	2083	NA	NA
AMD Athlon 64 X2 QL-65	1045	2043	NA	NA
AMD Athlon 64 X2 QL-66	947	2111	NA	NA
AMD Athlon 64 X2 QL-67	1006	2067	NA	NA
AMD Athlon 64 X2 TK-55	955	2107	NA	NA
AMD Athlon 64 X2 TK-57	988	2084	NA	NA
AMD Athlon 1500+	294	2581	NA	NA
AMD Athlon 1640B	678	2248	13.57	\$50.00*
AMD Athlon 1700+	349	2511	NA	NA
AMD Athlon 2000+	390	2466	NA	NA
AMD Athlon 2100+	412	2431	NA	NA
AMD Athlon 2200+	363	2497	4.55	\$79.99*
AMD Athlon 2400+	462	2382	NA	NA
AMD Athlon 2500+	374	2478	2.04	\$183.99*
AMD Athlon 2600+	444	2400	4.23	\$104.95*
AMD Athlon 2650e	410	2433	21.61	\$19.00*
AMD Athlon 2800+	447	2397	3.20	\$139.95*
AMD Athlon 2850e	504	2342	NA	NA
AMD Athlon 3100+	485	2360	NA	NA
AMD Athlon 3200+	458	2385	7.63	\$60.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 5000 Dual-Core	1292	1900	12.93	\$99.95*
AMD Athlon 5150 APU	2095	1513	13.10	\$159.95*
AMD Athlon 5200 Dual-Core	1248	1931	41.64	\$29.99
AMD Athlon 5350 APU	2602	1318	7.85	\$331.40*
AMD Athlon 5370 APU	2898	1229	45.51	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1821	NA	NA
AMD Athlon 7550 Dual-Core	1458	1817	24.30	\$60.00*
AMD Athlon 7750 Dual-Core	1578	1766	10.61	\$148.71*
AMD Athlon 7850 Dual-Core	1714	1686	8.18	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2591	NA	NA
AMD Athlon Dual Core 4050e	1086	2021	NA	NA
AMD Athlon Dual Core 4450B	1167	1974	37.66	\$31.00*
AMD Athlon Dual Core 4450e	1100	2009	NA	NA
AMD Athlon Dual Core 4850B	1447	1822	NA	NA
AMD Athlon Dual Core 4850e	1312	1887	33.65	\$39.00*
AMD Athlon Dual Core 5000B	1309	1890	13.79	\$95.00*
AMD Athlon Dual Core 5050e	1347	1871	22.45	\$60.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 5200B	1314	1885	NA	NA
AMD Athlon Dual Core 5400B	1399	1842	NA	NA
AMD Athlon Dual Core 5600B	1304	1893	NA	NA
AMD Athlon II 160u	560	2306	18.68	\$29.99*
AMD Athlon II 170u	624	2272	20.84	\$29.95*
AMD Athlon II Dual-Core M300	1113	1999	NA	NA
AMD Athlon II Dual-Core M320	1141	1992	38.04	\$30.00*
AMD Athlon II Dual-Core M340	1056	2038	NA	NA
AMD Athlon II N330 Dual-Core	1154	1983	NA	NA
AMD Athlon II N350 Dual-Core	1247	1933	NA	NA
AMD Athlon II N370 Dual-Core	1559	1774	NA	NA
AMD Athlon II Neo K125	472	2373	NA	NA
AMD Athlon II Neo K145	525	2324	NA	NA
AMD Athlon II Neo K325 Dual-Core	774	2200	29.81	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2164	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2193	NA	NA
AMD Athlon II P320 Dual-Core	1217	1948	40.63	\$29.95*
AMD Athlon II P340 Dual-Core	1247	1934	27.75	\$44.95*
AMD Athlon II P360 Dual-Core	1322	1883	55.12	\$24.00
AMD Athlon II X2 210e	1486	1807	NA	NA
AMD Athlon II X2 215	1576	1767	131.50	\$11.99*
AMD Athlon II X2 220	1633	1737	50.75	\$32.19
AMD Athlon II X2 225	1526	1785	NA	NA
AMD Athlon II X2 235e	1659	1725	9.13	\$181.88*
AMD Athlon II X2 240	1643	1731	47.03	\$34.95*
AMD Athlon II X2 240e	1695	1703	48.51	\$34.95*
AMD Athlon II X2 245	1662	1724	47.56	\$34.95*
AMD Athlon II X2 245e	1706	1692	21.33	\$80.00*
AMD Athlon II X2 250	1742	1672	44.73	\$38.95
AMD Athlon II X2 250e	1949	1573	25.41	\$76.73*
AMD Athlon II X2 250u	1000	2072	28.62	\$34.95
AMD Athlon II X2 255	1846	1625	28.32	\$65.22*
AMD Athlon II X2 260	1873	1614	39.03	\$48.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 260u	1105	2007	13.25	\$83.44*
AMD Athlon II X2 265	1893	1603	22.84	\$82.88*
AMD Athlon II X2 270	1984	1556	42.67	\$46.50*
AMD Athlon II X2 270u	1350	1869	19.96	\$67.67*
AMD Athlon II X2 280	2133	1495	21.34	\$99.99*
AMD Athlon II X2 4300e	1350	1868	NA	NA
AMD Athlon II X2 4400e	1618	1745	NA	NA
AMD Athlon II X2 4450e	1504	1800	NA	NA
AMD Athlon II X2 B22	1711	1689	47.62	\$35.95*
AMD Athlon II X2 B24	1775	1659	44.43	\$39.95*
AMD Athlon II X2 B26	1880	1610	41.82	\$44.95*
AMD Athlon II X2 B28	2105	1509	42.92	\$49.05*
AMD Athlon II X3 400e	2009	1548	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1538	25.32	\$79.99*
AMD Athlon II X3 415e	2247	1454	29.97	\$75.00*
AMD Athlon II X3 420e	2286	1435	19.68	\$116.15*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 425	2311	1420	22.18	\$104.21
AMD Athlon II X3 425e	2239	1459	NA	NA
AMD Athlon II X3 435	2470	1368	49.41	\$49.99
AMD Athlon II X3 440	2570	1331	54.76	\$46.95*
AMD Athlon II X3 445	2579	1328	28.35	\$91.00*
AMD Athlon II X3 450	2627	1309	65.69	\$39.99
AMD Athlon II X3 455	2768	1266	23.69	\$116.85
AMD Athlon II X3 460	2857	1237	57.17	\$49.99*
AMD Athlon II X4 553	3814	964	NA	NA
AMD Athlon II X4 555	3830	961	NA	NA
AMD Athlon II X4 559	4142	901	NA	NA
AMD Athlon II X4 600e	2453	1373	18.84	\$130.23*
AMD Athlon II X4 605e	2750	1276	27.01	\$101.80*
AMD Athlon II X4 610e	2800	1258	40.01	\$69.99*
AMD Athlon II X4 615e	2901	1228	49.17	\$59.00*
AMD Athlon II X4 620	2939	1209	49.04	\$59.95*
AMD Athlon II X4 620e	2906	1223	NA	NA
AMD Athlon II X4 630	3134	1150	49.80	\$62.95
AMD Athlon II X4 631 Quad-Core	3153	1146	39.42	\$80.00*
AMD Athlon II X4 635	3248	1108	46.44	\$69.95
AMD Athlon II X4 638 Quad-Core	3198	1126	NA	NA
AMD Athlon II X4 640	3316	1092	41.48	\$79.95
AMD Athlon II X4 641 Quad-Core	3355	1084	36.67	\$91.50*
AMD Athlon II X4 645	3475	1050	43.47	\$79.95
AMD Athlon II X4 650	3479	1048	20.89	\$166.60*
AMD Athlon II X4 651 Quad-Core	3565	1028	20.03	\$178.04*
AMD Athlon II X4 655	2998	1189	NA	NA
AMD Athlon II X4 6400e	2594	1320	NA	NA
AMD Athlon L110	306	2558	NA	NA
AMD Athlon LE-1600	567	2303	27.04	\$21.00*
AMD Athlon LE-1620	572	2300	31.83	\$18.00*
AMD Athlon LE-1640	630	2269	NA	NA
AMD Athlon LE-1660	688	2242	NA	NA
AMD Athlon MP	230	2663	4.20	\$54.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon MP 1700+	339	2523	NA	NA
AMD Athlon MP 2400+	436	2412	NA	NA
AMD Athlon MP 2800+	497	2345	NA	NA
AMD Athlon Neo MV-40	409	2437	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2070	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2199	NA	NA
AMD Athlon Neo X2 Dual Core L335	824	2178	NA	NA
AMD Athlon PRO 200GE	5253	700	NA	NA
AMD Athlon QI-46	473	2372	NA	NA
AMD Athlon TF-20	414	2429	NA	NA
AMD Athlon TF-36	358	2500	NA	NA
AMD Athlon X2 215	1543	1779	NA	NA
AMD Athlon X2 235e	1806	1645	NA	NA
AMD Athlon X2 240	1575	1771	NA	NA
AMD Athlon X2 240e	1670	1716	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 250	1696	1702	NA	NA
AMD Athlon X2 255	1627	1740	NA	NA
AMD Athlon X2 280	2303	1425	13.17	\$174.81*
AMD Athlon X2 340 Dual Core	1893	1601	37.87	\$49.99
AMD Athlon X2 370K Dual Core	2251	1451	NA	NA
AMD Athlon X2 440	1424	1834	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2196	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2073	NA	NA
AMD Athlon X2 Dual Core BE-2300	925	2129	NA	NA
AMD Athlon X2 Dual Core BE-2350	1104	2008	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	1949	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1929	NA	NA
AMD Athlon X2 Dual Core L310	643	2262	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2064	NA	NA
AMD Athlon X3 425	2191	1475	NA	NA
AMD Athlon X3 435	2574	1330	26.96	\$95.49*
AMD Athlon X3 440	2078	1520	23.62	\$87.99*
AMD Athlon X3 445	2314	1418	NA	NA
AMD Athlon X3 450	3064	1170	38.80	\$78.99*
AMD Athlon X3 455	2401	1393	NA	NA
AMD Athlon X4 605e	2505	1355	NA	NA
AMD Athlon X4 620	2861	1235	47.74	\$59.95
AMD Athlon X4 635	2891	1231	23.71	\$121.99*
AMD Athlon X4 640	3172	1134	NA	NA
AMD Athlon X4 740 Quad Core	4012	924	14.49	\$277.00*
AMD Athlon X4 750 Quad Core	4551	823	NA	NA
AMD Athlon X4 750K Quad Core	4250	881	55.21	\$76.99*
AMD Athlon X4 760K Quad Core	4592	816	99.83	\$46.00
AMD Athlon X4 830	4701	789	NA	NA
AMD Athlon X4 840	5035	733	63.95	\$78.74*
AMD Athlon X4 845	5427	674	108.56	\$49.99
AMD Athlon X4 860K	5441	673	68.02	\$79.99
AMD Athlon X4 870K	5313	693	88.58	\$59.99
AMD Athlon X4 880K	5559	651	67.33	\$82.57
AMD Athlon X4 950	5310	694	106.23	\$49.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP1600+	281	2603	NA	NA
AMD Athlon XP1700+	234	2659	NA	NA
AMD Athlon XP1900+	353	2507	NA	NA
AMD Athlon XP2100+	287	2593	NA	NA
AMD Athlon XP2200+	401	2450	NA	NA
AMD Athlon XP2400+	374	2479	NA	NA
AMD Athlon XP 1500	282	2602	NA	NA
AMD Athlon XP 1500+	257	2633	NA	NA
AMD Athlon XP 1600+	267	2622	NA	NA
AMD Athlon XP 1700	344	2519	NA	NA
AMD Athlon XP 1700+	271	2617	NA	NA
AMD Athlon XP 1800+	300	2569	5.10	\$58.95*
AMD Athlon XP 1900+	312	2550	NA	NA
AMD Athlon XP 2000+	299	2570	12.00	\$24.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2100+	323	2534	NA	NA
AMD Athlon XP 2200+	328	2532	3.87	\$84.95*
AMD Athlon XP 2300+	464	2379	NA	NA
AMD Athlon XP 2400+	360	2499	4.01	\$89.99*
AMD Athlon XP 2500+	355	2504	NA	NA
AMD Athlon XP 2600+	372	2483	16.18	\$23.03*
AMD Athlon XP 2700+	393	2460	4.64	\$84.79*
AMD Athlon XP 2800+	399	2453	NA	NA
AMD Athlon XP 2900+	440	2405	NA	NA
AMD Athlon XP 3000+	402	2449	5.05	\$79.70*
AMD Athlon XP 3100+	433	2419	NA	NA
AMD Athlon XP 3200+	433	2418	NA	NA
AMD Athlon XP 3400+	570	2302	NA	NA
AMD Athlon XP Pro3+	367	2489	NA	NA
AMD Athlon XP-M	541	2315	15.48	\$34.95*
AMD C-30	310	2553	NA	NA
AMD C-50	463	2381	NA	NA
AMD C-60	476	2370	NA	NA
AMD C-60 APU	544	2311	NA	NA
AMD C-70 APU	565	2305	NA	NA
AMD E1 Micro-6200T APU	960	2104	NA	NA
AMD E1-1200 APU	658	2255	NA	NA
AMD E1-1500 APU	687	2243	NA	NA
AMD E1-2100 APU	633	2267	NA	NA
AMD E1-2200 APU	767	2201	NA	NA
AMD E1-2500 APU	891	2147	NA	NA
AMD E1-6010 APU	856	2163	NA	NA
AMD E1-6015 APU	891	2148	NA	NA
AMD E1-7010 APU	1008	2066	NA	NA
AMD E2-1800 APU	820	2182	NA	NA
AMD E2-2000 APU	829	2177	NA	NA
AMD E2-3000 APU	1088	2019	NA	NA
AMD E2-3000M APU	1094	2015	54.72	\$20.00*
AMD E2-3200 APU	1428	1830	178.82	\$7.99*
AMD E2-3800 APU	1644	1729	NA	NA
AMD E2-6110 APU	1900	1597	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E2-7110 APU	2282	1439	NA	NA
AMD E2-9000	1612	1750	NA	NA
AMD E2-9000e	1318	1884	NA	NA
AMD E2-9010	1827	1637	NA	NA
AMD E-240	318	2540	NA	NA
AMD E-300 APU	612	2278	NA	NA
AMD E-350	747	2213	NA	NA
AMD E-350 APU	757	2209	NA	NA
AMD E-350D APU	725	2222	NA	NA
AMD E-450 APU	767	2202	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1669	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1516	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2512	1352	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded R-Series RX-216GD	2409	1388	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	726	NA	NA
AMD Embedded R-Series RX-421BD	4635	802	NA	NA
AMD EPYC 7251 8-Core	10679	214	20.54	\$519.99
AMD EPYC 7351P	15820	90	18.99	\$832.87
AMD EPYC 7401P	18546	47	15.60	\$1,189.17
AMD EPYC 7501	18942	44	4.81	\$3,937.52
AMD EPYC 7551	18483	49	4.89	\$3,776.99
AMD FirePro A320 APU	4540	825	NA	NA
AMD FX-670K Quad-Core	4532	829	NA	NA
AMD FX-770K Quad-Core	4788	779	NA	NA
AMD FX-870K Quad Core	5126	712	NA	NA
AMD FX-4100 Quad-Core	4065	912	31.28	\$129.99*
AMD FX-4130 Quad-Core	4172	895	54.91	\$75.99*
AMD FX-4150 Quad-Core	4594	815	NA	NA
AMD FX-4170 Quad-Core	4853	764	48.54	\$99.99
AMD FX-4200 Quad-Core	4261	876	18.68	\$228.21*
AMD FX-4300 Quad-Core	4682	792	87.70	\$53.39
AMD FX-4320	5003	738	NA	NA
AMD FX-4330	5321	692	NA	NA
AMD FX-4350 Quad-Core	5333	689	41.03	\$129.99
AMD FX-6100 Six-Core	5379	679	17.99	\$299.00
AMD FX-6120 Six-Core	5745	630	NA	NA
AMD FX-6130 Six-Core	6215	575	NA	NA
AMD FX-6200 Six-Core	6124	588	18.02	\$339.95
AMD FX-6300 Six-Core	6384	569	116.11	\$54.99
AMD FX-6330 Six-Core	6916	517	NA	NA
AMD FX-6350 Six-Core	6989	509	60.26	\$115.99
AMD FX-7500 APU	3210	1123	NA	NA
AMD FX-7600P	4053	914	NA	NA
AMD FX-7600P APU	4627	804	NA	NA
AMD FX-8100 Eight-Core	6018	599	42.39	\$142.00*
AMD FX-8120 Eight-Core	6595	545	65.96	\$99.99
AMD FX-8140 Eight-Core	6033	597	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8150 Eight-Core	7624	451	19.88	\$383.50*
AMD FX-8300 Eight-Core	7717	442	96.97	\$79.59
AMD FX-8310 Eight-Core	7754	437	NA	NA
AMD FX-8320 Eight-Core	8018	417	100.87	\$79.50
AMD FX-8320E Eight-Core	7541	456	73.22	\$102.99
AMD FX-8350 Eight-Core	8947	346	101.75	\$87.94
AMD FX-8370 Eight-Core	9026	337	69.23	\$130.39
AMD FX-8370E Eight-Core	7804	431	40.23	\$194.00
AMD FX-8800P	4139	903	NA	NA
AMD FX-9370 Eight-Core	9469	299	37.89	\$249.95
AMD FX-9590 Eight-Core	10195	241	102.01	\$99.94
AMD FX-9800P	3999	927	NA	NA
AMD FX-9830P	4752	783	NA	NA
AMD FX-B4150 Quad-Core	4611	808	NA	NA
AMD G-T40E	485	2358	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T40N	516	2331	NA	NA
AMD G-T44R	227	2665	NA	NA
AMD G-T48E	716	2226	NA	NA
AMD G-T52R	303	2563	NA	NA
AMD G-T56E	751	2211	NA	NA
AMD G-T56N	786	2195	NA	NA
AMD Geode NX	264	2625	NA	NA
AMD Geode NX 1750	291	2582	NA	NA
AMD GX-210JA SOC	401	2451	NA	NA
AMD GX-212JC SOC	744	2214	NA	NA
AMD GX-217GA SOC	1097	2011	NA	NA
AMD GX-218GL SOC	1115	1997	NA	NA
AMD GX-222GC SOC	1255	1927	NA	NA
AMD GX-412HC	1497	1803	NA	NA
AMD GX-415GA SOC	1950	1572	NA	NA
AMD GX-420CA SOC	2334	1412	NA	NA
AMD GX-424CC SOC	2488	1361	NA	NA
AMD K7	403	2446	NA	NA
AMD Opteron 140	396	2456	0.56	\$710.00*
AMD Opteron 142	428	2423	NA	NA
AMD Opteron 144	486	2357	7.48	\$65.00*
AMD Opteron 146	532	2321	8.87	\$59.99*
AMD Opteron 148	603	2283	NA	NA
AMD Opteron 150	604	2281	NA	NA
AMD Opteron 152	658	2253	NA	NA
AMD Opteron 154	703	2236	NA	NA
AMD Opteron 165	899	2145	1.47	\$610.00*
AMD Opteron 170	1097	2012	NA	NA
AMD Opteron 175	1167	1973	NA	NA
AMD Opteron 180	1228	1941	9.45	\$129.95*
AMD Opteron 185	1360	1863	NA	NA
AMD Opteron 246	632	2268	31.62	\$19.99
AMD Opteron 248	476	2369	4.34	\$109.95
AMD Opteron 250	649	2258	59.01	\$11.00*
AMD Opteron 252	760	2206	12.00	\$63.36*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 254	693	2239	NA	NA
AMD Opteron 256	963	2101	50.72	\$19.00*
AMD Opteron 265	963	2102	6.02	\$159.95*
AMD Opteron 270	1083	2023	1.78	\$607.47*
AMD Opteron 275	1291	1902	19.87	\$64.99
AMD Opteron 280	1272	1916	1.60	\$796.67*
AMD Opteron 285	1470	1812	NA	NA
AMD Opteron 290	1464	1814	10.85	\$135.00*
AMD Opteron 1210	923	2131	NA	NA
AMD Opteron 1210 HE	971	2092	NA	NA
AMD Opteron 1212	1009	2065	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1891	NA	NA
AMD Opteron 1214	1191	1959	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1894	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1216	1311	1888	23.91	\$54.85*
AMD Opteron 1216 HE	1172	1970	NA	NA
AMD Opteron 1218	1468	1813	NA	NA
AMD Opteron 1218 HE	1444	1825	NA	NA
AMD Opteron 1220	1653	1728	NA	NA
AMD Opteron 1222	1757	1666	NA	NA
AMD Opteron 1352	2316	1417	17.04	\$135.99*
AMD Opteron 1354	2630	1308	8.49	\$309.97*
AMD Opteron 1356	2765	1268	30.73	\$89.99*
AMD Opteron 1381	3065	1169	NA	NA
AMD Opteron 2212	1270	1921	105.89	\$12.00*
AMD Opteron 2214	1358	1865	46.85	\$29.00
AMD Opteron 2214 HE	1415	1837	NA	NA
AMD Opteron 2216	1518	1794	8.53	\$178.00*
AMD Opteron 2218	1594	1761	49.18	\$32.42*
AMD Opteron 2220	1701	1700	1.15	\$1,475.16*
AMD Opteron 2220 SE	1398	1843	55.92	\$25.00
AMD Opteron 2222	1843	1628	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1585	NA	NA
AMD Opteron 2350	2820	1247	10.45	\$269.99*
AMD Opteron 2356	2814	1251	188.25	\$14.95
AMD Opteron 2373 EE	2789	1260	NA	NA
AMD Opteron 2374 HE	2951	1204	15.53	\$189.99*
AMD Opteron 2376	2283	1438	13.69	\$166.80*
AMD Opteron 2378	3179	1129	17.76	\$179.00*
AMD Opteron 2380	2640	1306	105.64	\$25.00*
AMD Opteron 2384	3538	1036	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1037	NA	NA
AMD Opteron 2393 SE	2246	1455	NA	NA
AMD Opteron 2427	3069	1167	31.00	\$99.00
AMD Opteron 2431	4516	830	112.91	\$40.00
AMD Opteron 2435	4708	787	39.11	\$120.40*
AMD Opteron 3260 HE	3259	1103	NA	NA
AMD Opteron 3280	5286	697	19.35	\$273.18*
AMD Opteron 3320 EE	2675	1296	NA	NA
AMD Opteron 3350 HE	4009	925	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 3365	5929	606	NA	NA
AMD Opteron 3380	6384	570	7.89	\$809.00*
AMD Opteron 4122	2942	1208	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1136	NA	NA
AMD Opteron 4184	4418	846	8.50	\$519.95*
AMD Opteron 4280	6430	563	128.63	\$49.99
AMD Opteron 4284	6660	538	111.03	\$59.99
AMD Opteron 4332 HE	5614	644	NA	NA
AMD Opteron 4334	6133	587	28.34	\$216.42*
AMD Opteron 4365 EE	5025	734	NA	NA
AMD Opteron 4386	5419	676	38.71	\$139.99
AMD Opteron 6128	4505	831	214.63	\$20.99
AMD Opteron 6134	2938	1211	8.93	\$329.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6136	4631	803	12.90	\$359.00
AMD Opteron 6164 HE	5351	685	NA	NA
AMD Opteron 6174	6171	582	29.39	\$209.98
AMD Opteron 6176 SE	5446	668	19.73	\$276.03
AMD Opteron 6212	5776	625	192.62	\$29.99
AMD Opteron 6220	6785	524	113.11	\$59.99
AMD Opteron 6234	5979	601	85.44	\$69.99*
AMD Opteron 6238	7316	475	121.96	\$59.99
AMD Opteron 6272	6748	530	135.00	\$49.99
AMD Opteron 6274	4865	760	23.17	\$210.00*
AMD Opteron 6276	9011	338	112.66	\$79.99
AMD Opteron 6282 SE	9116	329	70.13	\$129.99
AMD Opteron 6287 SE	9789	273	NA	NA
AMD Opteron 6328	7813	430	39.07	\$199.99
AMD Opteron 6366 HE	7503	460	37.52	\$199.99
AMD Opteron 6376	9414	304	30.48	\$308.89
AMD Opteron 6378	2152	1487	10.76	\$199.99
AMD Opteron 6380	10081	252	100.83	\$99.99
AMD Opteron 6386 SE	10748	210	71.66	\$149.99
AMD Opteron 8354	2255	1450	102.52	\$22.00
AMD Opteron 8439 SE	3813	965	50.84	\$75.00*
AMD Opteron X3216 APU	2368	1403	NA	NA
AMD Opteron X3421 APU	4953	749	NA	NA
AMD Phenom 2 X4 12000	3005	1187	NA	NA
AMD Phenom 7950 Quad-Core	2991	1192	NA	NA
AMD Phenom 8250 Triple-Core	1644	1730	NA	NA
AMD Phenom 8250e Triple-Core	1619	1744	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1637	1735	NA	NA
AMD Phenom 8450 Triple-Core	1888	1607	63.04	\$29.95*
AMD Phenom 8450e Triple-Core	2040	1532	NA	NA
AMD Phenom 8600 Triple-Core	1703	1697	32.15	\$52.99*
AMD Phenom 8600B Triple-Core	1923	1582	36.29	\$52.99*
AMD Phenom 8650 Triple-Core	1992	1552	39.86	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1525	NA	NA
AMD Phenom 8750B Triple-Core	2034	1535	NA	NA
AMD Phenom 8850 Triple-Core	2026	1537	NA	NA
AMD Phenom 8850B Triple-Core	2080	1519	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9100e Quad-Core	1835	1632	45.96	\$39.95*
AMD Phenom 9150e Quad-Core	2113	1506	52.91	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1416	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1311	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2204	1471	24.50	\$89.96*
AMD Phenom 9550 Quad-Core	2545	1337	63.71	\$39.95*
AMD Phenom 9600 Quad-Core	2306	1422	46.18	\$49.95*
AMD Phenom 9600B Quad-Core	2577	1329	17.51	\$147.19*
AMD Phenom 9650 Quad-Core	2641	1305	48.08	\$54.95*
AMD Phenom 9750 Quad-Core	2813	1253	46.93	\$59.95*
AMD Phenom 9750B Quad-Core	2709	1287	NA	NA
AMD Phenom 9850 Quad-Core	2893	1230	57.86	\$50.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9850B Quad-Core	3160	1142	NA	NA
AMD Phenom 9950 Quad-Core	3014	1185	16.75	\$179.98*
AMD Phenom FX-5000 Quad-Core	2518	1348	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1205	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1013	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1045	NA	NA
AMD Phenom II N620 Dual-Core	1681	1710	42.18	\$39.86*
AMD Phenom II N640 Dual-Core	1740	1676	26.80	\$64.95*
AMD Phenom II N660 Dual-Core	1853	1622	18.72	\$99.00*
AMD Phenom II N830 3+1	2652	1302	NA	NA
AMD Phenom II N830 Triple-Core	1889	1605	NA	NA
AMD Phenom II N850 Triple-Core	1935	1577	77.42	\$25.00*
AMD Phenom II N870 Triple-Core	1988	1554	NA	NA
AMD Phenom II N930 Quad-Core	2269	1446	17.46	\$129.95*
AMD Phenom II N950 Quad-Core	2482	1364	22.05	\$112.60*
AMD Phenom II N970 Quad-Core	2523	1346	16.83	\$149.99*
AMD Phenom II P650 Dual-Core	1604	1753	45.85	\$35.00*
AMD Phenom II P820 Triple-Core	1602	1756	NA	NA
AMD Phenom II P840 Triple-Core	1728	1680	NA	NA
AMD Phenom II P860 Triple-Core	1759	1664	NA	NA
AMD Phenom II P920 Quad-Core	1861	1618	24.82	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1640	NA	NA
AMD Phenom II P960 Quad-Core	2087	1517	74.56	\$28.00*
AMD Phenom II X2 511	2104	1510	NA	NA
AMD Phenom II X2 521	2077	1521	NA	NA
AMD Phenom II X2 545	1911	1589	43.46	\$43.98
AMD Phenom II X2 550	2021	1539	40.43	\$49.99
AMD Phenom II X2 555	2043	1531	14.37	\$142.14
AMD Phenom II X2 560	2056	1528	51.43	\$39.99
AMD Phenom II X2 565	2211	1467	73.73	\$29.99
AMD Phenom II X2 570	1960	1565	NA	NA
AMD Phenom II X2 B53	1709	1690	NA	NA
AMD Phenom II X2 B55	1937	1576	40.37	\$48.00*
AMD Phenom II X2 B57	1851	1624	NA	NA
AMD Phenom II X2 B59	2138	1493	42.82	\$49.95*
AMD Phenom II X3 700e	2285	1437	NA	NA
AMD Phenom II X3 705e	2227	1463	14.63	\$152.34*
AMD Phenom II X3 710	2443	1376	28.91	\$84.53*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 715	2649	1303	31.17	\$84.99*
AMD Phenom II X3 720	2685	1294	38.36	\$69.99
AMD Phenom II X3 740	2994	1191	33.65	\$88.99*
AMD Phenom II X3 B73	2735	1284	36.47	\$75.00*
AMD Phenom II X3 B75	2946	1206	NA	NA
AMD Phenom II X3 B77	3067	1168	NA	NA
AMD Phenom II X4 805	2997	1190	17.23	\$173.99*
AMD Phenom II X4 810	3126	1151	26.96	\$115.99*
AMD Phenom II X4 820	3415	1063	45.56	\$74.95*
AMD Phenom II X4 830	3437	1058	43.00	\$79.95*
AMD Phenom II X4 840	3510	1041	39.03	\$89.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 840T	3602	1015	45.06	\$79.95*
AMD Phenom II X4 850	3548	1034	31.82	\$111.49*
AMD Phenom II X4 900e	2882	1233	NA	NA
AMD Phenom II X4 905e	3087	1162	14.54	\$212.38*
AMD Phenom II X4 910	3255	1105	32.56	\$100.00*
AMD Phenom II X4 910e	3260	1102	20.77	\$156.99*
AMD Phenom II X4 920	3400	1068	50.76	\$66.99
AMD Phenom II X4 925	3424	1061	21.40	\$159.99*
AMD Phenom II X4 940	3596	1017	29.97	\$119.99*
AMD Phenom II X4 945	3668	1006	6.03	\$608.40
AMD Phenom II X4 955	3936	944	30.24	\$130.16*
AMD Phenom II X4 960T	3794	971	28.11	\$134.99*
AMD Phenom II X4 965	4195	889	70.51	\$59.50
AMD Phenom II X4 970	4338	865	29.29	\$148.11*
AMD Phenom II X4 973	3759	981	NA	NA
AMD Phenom II X4 975	4480	836	35.37	\$126.69
AMD Phenom II X4 977	3750	983	NA	NA
AMD Phenom II X4 980	4494	833	32.90	\$136.64*
AMD Phenom II X4 8700e	2377	1400	NA	NA
AMD Phenom II X4 B05e	2781	1262	NA	NA
AMD Phenom II X4 B15e	2736	1283	NA	NA
AMD Phenom II X4 B25	3336	1088	NA	NA
AMD Phenom II X4 B35	3383	1076	NA	NA
AMD Phenom II X4 B40	3406	1066	NA	NA
AMD Phenom II X4 B45	3469	1052	NA	NA
AMD Phenom II X4 B50	3703	998	NA	NA
AMD Phenom II X4 B55	3860	954	NA	NA
AMD Phenom II X4 B60	4044	916	NA	NA
AMD Phenom II X4 B65	4177	894	NA	NA
AMD Phenom II X4 B70	4261	877	NA	NA
AMD Phenom II X4 B93	3361	1082	NA	NA
AMD Phenom II X4 B95	3708	996	50.84	\$72.95*
AMD Phenom II X4 B97	3884	949	48.59	\$79.95*
AMD Phenom II X4 B99	4130	907	NA	NA
AMD Phenom II X6 1035T	4667	795	24.69	\$189.00*
AMD Phenom II X6 1045T	4822	772	27.56	\$175.00*
AMD Phenom II X6 1055T	4971	743	26.87	\$185.00*
AMD Phenom II X6 1065T	5080	724	NA	NA
AMD Phenom II X6 1075T	5347	687	20.57	\$259.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1090T	5590	647	14.11	\$396.08*
AMD Phenom II X6 1100T	5739	631	28.70	\$199.99
AMD Phenom II X6 1405T	5042	732	NA	NA
AMD Phenom II X620 Dual-Core	2189	1476	NA	NA
AMD Phenom II X640 Dual-Core	2021	1540	NA	NA
AMD Phenom II X920 Quad-Core	2638	1307	NA	NA
AMD Phenom II X940 Quad-Core	2695	1291	NA	NA
AMD Phenom Ultra X4 24500	3945	940	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1701	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1470	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-7060	1752	1668	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1965	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1828	NA	NA
AMD Phenom X3 8550	1930	1580	11.36	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1665	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1550	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1461	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2812	1254	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1286	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1292	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1952	NA	NA
AMD PRO A4-3350B APU	2833	1242	NA	NA
AMD PRO A4-8350B	2922	1215	NA	NA
AMD PRO A6-7350B	2759	1273	NA	NA
AMD PRO A6-8500B	2516	1349	NA	NA
AMD PRO A6-8530B	2435	1380	NA	NA
AMD PRO A6-8550B	3018	1182	NA	NA
AMD PRO A6-8570	3049	1174	NA	NA
AMD PRO A6-8570E	2824	1245	NA	NA
AMD PRO A6-9500	3239	1111	43.77	\$74.00*
AMD PRO A6-9500B	2076	1522	NA	NA
AMD PRO A6-9500E	2761	1271	37.31	\$74.00*
AMD PRO A8-8600B	3553	1032	NA	NA
AMD PRO A8-8650B	5442	672	NA	NA
AMD PRO A8-8670E	4692	790	NA	NA
AMD PRO A8-9600	5321	691	44.72	\$119.00*
AMD PRO A8-9600B	4004	926	NA	NA
AMD PRO A10-8700B	3581	1024	NA	NA
AMD PRO A10-8730B	3949	937	NA	NA
AMD PRO A10-8750B	5646	641	NA	NA
AMD PRO A10-8770	5707	632	NA	NA
AMD PRO A10-8770E	4855	763	NA	NA
AMD PRO A10-8850B	5852	615	NA	NA
AMD PRO A10-9700	5683	635	33.63	\$169.00*
AMD PRO A10-9700B	4393	850	NA	NA
AMD PRO A10-9700E	4922	756	35.42	\$139.00*
AMD PRO A12-8800B	4154	900	NA	NA
AMD PRO A12-8830B	4377	854	NA	NA
AMD PRO A12-8870	6067	594	NA	NA
AMD PRO A12-8870E	5186	706	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A12-9800	6199	579	36.68	\$169.00*
AMD PRO A12-9800B	4157	899	NA	NA
AMD PRO A12-9800E	4793	778	28.36	\$169.00*
AMD QC-4000	1663	1721	NA	NA
AMD R-260H APU	1576	1768	NA	NA
AMD R-460L APU	1954	1567	NA	NA
AMD R-464L APU	3117	1153	NA	NA
AMD RX-427BB	4250	882	NA	NA
AMD Ryzen 3 1200	6756	529	71.88	\$94.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 3 1300X	7514	457	60.12	\$124.99
AMD Ryzen 3 2200G	7327	474	67.86	\$107.99
AMD Ryzen 3 2200GE	7229	485	NA	NA
AMD Ryzen 3 2200U	4410	848	NA	NA
AMD Ryzen 3 2300U	7007	505	NA	NA
AMD Ryzen 3 PRO 1200	7069	500	NA	NA
AMD Ryzen 3 PRO 1300	8300	390	NA	NA
AMD Ryzen 3 PRO 2200G	8106	407	NA	NA
AMD Ryzen 3 PRO 2200GE	8004	419	NA	NA
AMD Ryzen 3 PRO 2300U	7313	476	NA	NA
AMD Ryzen 5 1400	8398	384	58.72	\$143.03
AMD Ryzen 5 1500X	10098	250	67.78	\$148.99
AMD Ryzen 5 1600	12270	171	81.81	\$149.99
AMD Ryzen 5 1600X	13229	150	66.15	\$199.99
AMD Ryzen 5 2400G	9244	318	58.15	\$158.99
AMD Ryzen 5 2400GE	8513	377	NA	NA
AMD Ryzen 5 2500U	7452	463	NA	NA
AMD Ryzen 5 2600	13503	144	81.35	\$165.99
AMD Ryzen 5 2600X	14411	119	62.66	\$229.99
AMD Ryzen 5 PRO 1500	10868	204	NA	NA
AMD Ryzen 5 PRO 1600	12213	173	NA	NA
AMD Ryzen 5 PRO 2400G	10185	243	NA	NA
AMD Ryzen 5 PRO 2400GE	9712	284	NA	NA
AMD Ryzen 5 PRO 2500U	9158	323	NA	NA
AMD Ryzen 5 PRO 2600	14645	112	NA	NA
AMD Ryzen 7 1700	13749	136	63.66	\$215.99
AMD Ryzen 7 1700X	14629	113	60.96	\$239.99
AMD Ryzen 7 1800X	15397	95	64.16	\$239.99
AMD Ryzen 7 2700	15121	102	54.01	\$279.99
AMD Ryzen 7 2700U	7548	455	NA	NA
AMD Ryzen 7 2700X	16923	66	52.89	\$319.99
AMD Ryzen 7 PRO 1700	14811	109	NA	NA
AMD Ryzen 7 PRO 1700X	15349	96	NA	NA
AMD Ryzen 7 PRO 2700	16341	77	NA	NA
AMD Ryzen 7 PRO 2700U	8956	342	NA	NA
AMD Ryzen 7 PRO 2700X	17272	61	NA	NA
AMD Ryzen Embedded V1807B	7185	487	NA	NA
AMD Ryzen Threadripper 1900X	15609	92	48.78	\$319.99
AMD Ryzen Threadripper 1920X	18206	53	32.51	\$559.94
AMD Ryzen Threadripper 1950X	22181	19	30.72	\$722.00
AMD Ryzen Threadripper 2950X	26564	4	29.52	\$899.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Threadripper 2990WX	24950	11	14.27	\$1,749.00
AMD Sempron 130	656	2256	26.29	\$24.99*
AMD Sempron 140	734	2216	18.56	\$39.59*
AMD Sempron 145	810	2188	8.54	\$94.92
AMD Sempron 150	707	2232	15.74	\$44.95
AMD Sempron 200U	267	2621	3.08	\$87.00*
AMD Sempron 210U	378	2474	NA	NA
AMD Sempron 2100+	392	2463	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2200+	281	2606	9.38	\$29.99*
AMD Sempron 2300+	318	2541	7.07	\$45.00*
AMD Sempron 2400+	313	2549	11.62	\$27.00*
AMD Sempron 2500+	335	2525	4.20	\$79.95*
AMD Sempron 2600+	373	2481	10.70	\$34.95*
AMD Sempron 2650 APU	939	2118	24.10	\$39.00
AMD Sempron 2800+	383	2469	19.19	\$19.99
AMD Sempron 3000+	408	2438	20.43	\$20.00
AMD Sempron 3100+	452	2392	7.53	\$60.00*
AMD Sempron 3200+	406	2440	31.29	\$13.00*
AMD Sempron 3300+	484	2363	8.07	\$60.00
AMD Sempron 3400+	454	2390	15.18	\$29.91
AMD Sempron 3500+	384	2468	19.23	\$20.00*
AMD Sempron 3600+	487	2355	40.59	\$12.00*
AMD Sempron 3800+	554	2308	26.39	\$21.00*
AMD Sempron 3850 APU	1707	1691	50.23	\$33.99
AMD Sempron Dual Core 2100	936	2121	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2077	NA	NA
AMD Sempron Dual Core 2300	982	2086	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2110	NA	NA
AMD Sempron Dual Core 4900	1081	2026	NA	NA
AMD Sempron LE-250	490	2350	NA	NA
AMD Sempron LE-1100	438	2409	NA	NA
AMD Sempron LE-1150	445	2398	NA	NA
AMD Sempron LE-1200	529	2322	NA	NA
AMD Sempron LE-1250	541	2314	5.41	\$99.95
AMD Sempron LE-1300	612	2277	30.64	\$20.00
AMD Sempron LE-1600	535	2319	NA	NA
AMD Sempron LE-1620	635	2266	NA	NA
AMD Sempron LE-1640	759	2207	NA	NA
AMD Sempron M100	558	2307	46.58	\$12.00*
AMD Sempron M120	582	2291	NA	NA
AMD Sempron SI-40	443	2401	36.93	\$12.00*
AMD Sempron SI-42	453	2391	15.11	\$30.01
AMD Sempron X2 180	1222	1945	17.62	\$69.40*
AMD Sempron X2 190	1509	1797	18.09	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1838	NA	NA
AMD Turion 64 Mobile MK-36	464	2377	NA	NA
AMD Turion 64 Mobile MK-38	514	2333	NA	NA
AMD Turion 64 Mobile ML-28	390	2465	NA	NA
AMD Turion 64 Mobile ML-30	402	2448	NA	NA
AMD Turion 64 Mobile ML-32	410	2434	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 ML-34	425	2425	NA	NA
AMD Turion 64 Mobile ML-37	441	2402	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2327	NA	NA
AMD Turion 64 Mobile ML-42	615	2274	NA	NA
AMD Turion 64 Mobile ML-44	591	2286	NA	NA
AMD Turion 64 Mobile MT-28	419	2426	NA	NA
AMD Turion 64 Mobile MT-30	378	2472	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile MT-32	426	2424	NA	NA
AMD Turion 64 Mobile MT-34	429	2421	NA	NA
AMD Turion 64 Mobile MT-37	484	2361	NA	NA
AMD Turion 64 Mobile MT-40	536	2317	NA	NA
AMD Turion 64 X2 Mobile TL-50	751	2210	15.04	\$49.99*
AMD Turion 64 X2 Mobile TL-52	760	2205	NA	NA
AMD Turion 64 X2 Mobile TL-56	885	2149	44.29	\$20.00*
AMD Turion 64 X2 Mobile TL-58	943	2113	NA	NA
AMD Turion 64 X2 Mobile TL-60	993	2081	41.49	\$23.95
AMD Turion 64 X2 Mobile TL-62	1091	2017	3.51	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1110	2002	28.20	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1148	1985	3.04	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	1978	12.92	\$90.00*
AMD Turion Dual-Core RM-70	904	2143	60.27	\$15.00*
AMD Turion Dual-Core RM-72	860	2159	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2060	NA	NA
AMD Turion Dual-Core RM-75	977	2088	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1292	1899	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1892	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1876	NA	NA
AMD Turion II N530 Dual-Core	1583	1763	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1787	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2090	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	1962	NA	NA
AMD Turion II Neo N40L Dual-Core	918	2134	NA	NA
AMD Turion II Neo N54L Dual-Core	1376	1854	NA	NA
AMD Turion II P520 Dual-Core	1360	1864	NA	NA
AMD Turion II P540 Dual-Core	1437	1827	28.79	\$49.95
AMD Turion II P560 Dual-Core	1511	1796	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1409	1839	58.74	\$24.00*
AMD Turion II Ultra Dual-Core Mobile M620	1427	1831	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1717	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1783	NA	NA
AMD Turion Neo X2 Dual Core L625	820	2181	NA	NA
AMD Turion X2 Dual Core L510	923	2132	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2161	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2035	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	994	2078	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1089	2018	4.86	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1055	2039	42.32	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1140	1993	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	1984	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1014	2063	72.45	\$14.00*

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-82	1082	2024	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	1950	94.53	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	1939	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1897	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1354	1867	33.92	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2074	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD TurionX2 Dual Core Mobile RM-72	1026	2052	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1819	NA	NA
AMD V105	299	2571	NA	NA
AMD V120	622	2273	NA	NA
AMD V140	640	2265	12.83	\$49.95*
AMD V160	681	2247	NA	NA
AMD Z-01	523	2326	NA	NA
AMD Z-60 APU	500	2344	NA	NA
AMD-K6 3D	90	2745	NA	NA
AMD-K6-III	108	2742	NA	NA
AMD-K7	403	2447	NA	NA
Athlon 64 Dual Core 3800+	1234	1940	NA	NA
Athlon 64 Dual Core 4200+	1156	1982	5.64	\$204.95
Athlon 64 Dual Core 4800+	1370	1856	NA	NA
Athlon 64 Dual Core 5000+	1507	1798	NA	NA
Athlon 64 Dual Core 5400+	1614	1746	NA	NA
Athlon 64 Dual Core 5600+	1548	1777	NA	NA
Athlon Dual Core 4050e	968	2097	NA	NA
Athlon Dual Core 4450e	1081	2027	NA	NA
Athlon Dual Core 4850e	1327	1880	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1241	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1083	2022	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1170	1971	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1207	1953	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1274	1915	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1954	NA	NA
HP Hexa-Core 2.0GHz	2178	1480	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2162	NA	NA
Intel 1400 @ 1.83GHz	980	2087	NA	NA
Intel 1500 @ 2.00GHz	1024	2054	NA	NA
Intel Atom 230 @ 1.60GHz	307	2557	NA	NA
Intel Atom 330 @ 1.60GHz	588	2288	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2146	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2103	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1518	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2329	1413	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1482	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	967	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1086	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1138	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1371	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1340	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	765	14.62	\$332.00*
Intel Atom C3955 @ 2.10GHz	5803	621	13.37	\$434.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D410 @ 1.66GHz	303	2564	0.48	\$635.99*
Intel Atom D425 @ 1.80GHz	346	2515	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	653	2257	6.73	\$97.16*
Intel Atom D525 @ 1.80GHz	703	2235	NA	NA
Intel Atom D2500 @ 1.86GHz	404	2445	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D2550 @ 1.86GHz	675	2250	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2228	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2169	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2224	NA	NA
Intel Atom E660 @ 1.30GHz	271	2618	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2516	NA	NA
Intel Atom E3815 @ 1.46GHz	362	2498	1.49	\$242.75
Intel Atom E3825 @ 1.33GHz	575	2299	8.18	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2351	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2166	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	1979	NA	NA
Intel Atom E3845 @ 1.91GHz	1490	1805	NA	NA
Intel Atom E3940 @ 1.60GHz	1920	1584	NA	NA
Intel Atom E3950 @ 1.60GHz	1827	1638	NA	NA
Intel Atom K510 @ 1.66GHz	658	2254	NA	NA
Intel Atom N270 @ 1.60GHz	270	2620	NA	NA
Intel Atom N280 @ 1.66GHz	284	2597	NA	NA
Intel Atom N435 @ 1.33GHz	261	2629	NA	NA
Intel Atom N450 @ 1.66GHz	298	2574	NA	NA
Intel Atom N455 @ 1.66GHz	284	2595	NA	NA
Intel Atom N470 @ 1.83GHz	307	2556	NA	NA
Intel Atom N475 @ 1.83GHz	314	2546	NA	NA
Intel Atom N550 @ 1.50GHz	525	2325	6.11	\$86.00*
Intel Atom N570 @ 1.66GHz	576	2297	6.70	\$86.00*
Intel Atom N2100 @ 1.60GHz	305	2560	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2323	NA	NA
Intel Atom N2800 @ 1.86GHz	628	2270	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2136	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1533	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2187	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1623	1742	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1197	1957	9.00	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1023	2057	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1272	1918	60.58	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1691	1706	27.04	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1838	1631	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1903	1594	25.85	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1904	1593	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2696	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2674	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2677	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2605	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2512	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2470	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2653	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z2760 @ 1.80GHz	566	2304	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2137	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2127	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	907	2142	5.01	\$181.30*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3735G @ 1.33GHz	909	2140	NA	NA
Intel Atom Z3736F @ 1.33GHz	920	2133	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	2034	NA	NA
Intel Atom Z3740D @ 1.33GHz	1020	2059	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	2032	NA	NA
Intel Atom Z3745D @ 1.33GHz	1034	2048	NA	NA
Intel Atom Z3770 @ 1.46GHz	1243	1937	8.32	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2190	NA	NA
Intel Atom Z3775 @ 1.46GHz	1257	1926	35.92	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1914	NA	NA
Intel Atom Z3795 @ 1.60GHz	1771	1660	NA	NA
Intel Celeron 1.70GHz	130	2735	NA	NA
Intel Celeron 1.80GHz	136	2732	NA	NA
Intel Celeron 2.00GHz	185	2704	NA	NA
Intel Celeron 2.10GHz	244	2651	NA	NA
Intel Celeron 2.13GHz	208	2684	NA	NA
Intel Celeron 2.20GHz	213	2679	NA	NA
Intel Celeron 2.26GHz	223	2669	NA	NA
Intel Celeron 2.30GHz	227	2666	NA	NA
Intel Celeron 2.40GHz	217	2675	NA	NA
Intel Celeron 2.50GHz	247	2645	NA	NA
Intel Celeron 2.53GHz	245	2649	NA	NA
Intel Celeron 2.60GHz	238	2656	NA	NA
Intel Celeron 2.66GHz	252	2640	NA	NA
Intel Celeron 2.70GHz	245	2650	NA	NA
Intel Celeron 2.80GHz	254	2636	NA	NA
Intel Celeron 2.93GHz	283	2599	NA	NA
Intel Celeron 3.06GHz	284	2594	NA	NA
Intel Celeron 3.20GHz	288	2587	NA	NA
Intel Celeron 3.33GHz	333	2528	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2536	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2539	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2394	11.25	\$39.99
Intel Celeron 430 @ 1.80GHz	491	2349	28.81	\$17.05
Intel Celeron 440 @ 2.00GHz	546	2309	6.84	\$79.95
Intel Celeron 450 @ 2.20GHz	626	2271	20.89	\$29.99
Intel Celeron 530 @ 1.73GHz	468	2375	20.37	\$23.00*
Intel Celeron 540 @ 1.86GHz	511	2336	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2330	15.30	\$33.80
Intel Celeron 560 @ 2.13GHz	535	2318	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2328	NA	NA
Intel Celeron 600MHz	147	2728	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2442	NA	NA
Intel Celeron 743 @ 1.30GHz	435	2413	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2212	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2487	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 827E @ 1.40GHz	613	2276	NA	NA
Intel Celeron 847 @ 1.10GHz	934	2122	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1026	2053	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 857 @ 1.20GHz	1146	1990	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	1969	39.12	\$29.99
Intel Celeron 877 @ 1.40GHz	1288	1905	NA	NA
Intel Celeron 887 @ 1.50GHz	1280	1913	NA	NA
Intel Celeron 900 @ 2.20GHz	677	2249	23.38	\$28.99*
Intel Celeron 925 @ 2.30GHz	688	2241	NA	NA
Intel Celeron 1000M @ 1.80GHz	1676	1714	NA	NA
Intel Celeron 1000MHz	241	2654	NA	NA
Intel Celeron 1005M @ 1.90GHz	1814	1643	NA	NA
Intel Celeron 1007U @ 1.50GHz	1396	1844	7.55	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1518	1793	NA	NA
Intel Celeron 1019Y @ 1.00GHz	926	2128	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1462	NA	NA
Intel Celeron 1037U @ 1.80GHz	1734	1678	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1961	NA	NA
Intel Celeron 1066MHz	259	2630	NA	NA
Intel Celeron 1100MHz	174	2714	NA	NA
Intel Celeron 1133MHz	282	2600	NA	NA
Intel Celeron 1200MHz	244	2652	NA	NA
Intel Celeron 1300MHz	288	2589	NA	NA
Intel Celeron 1333MHz	290	2583	NA	NA
Intel Celeron 1400MHz	302	2565	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1406	NA	NA
Intel Celeron 2950M @ 2.00GHz	2018	1542	NA	NA
Intel Celeron 2955U @ 1.40GHz	1433	1829	NA	NA
Intel Celeron 2957U @ 1.40GHz	1445	1823	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2003	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1419	NA	NA
Intel Celeron 2980U @ 1.60GHz	1576	1769	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1770	NA	NA
Intel Celeron 3205U @ 1.50GHz	1541	1780	5.37	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1639	1733	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1699	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1553	NA	NA
Intel Celeron 3855U @ 1.60GHz	1657	1726	NA	NA
Intel Celeron 3865U @ 1.80GHz	1913	1587	NA	NA
Intel Celeron 3955U @ 2.00GHz	1865	1617	NA	NA
Intel Celeron 3965U @ 2.20GHz	2467	1369	23.06	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1619	1743	15.14	\$107.00*
Intel Celeron @ 1.30GHz	965	2098	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2702	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2186	NA	NA
Intel Celeron B800 @ 1.50GHz	1280	1912	NA	NA
Intel Celeron B810 @ 1.60GHz	1402	1840	NA	NA
Intel Celeron B815 @ 1.60GHz	1366	1858	NA	NA
Intel Celeron B820 @ 1.70GHz	1427	1833	36.32	\$39.29*
Intel Celeron B830 @ 1.80GHz	1521	1788	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	1681	NA	NA
Intel Celeron D 347 @ 3.06GHz	272	2616	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron D 352 @ 3.20GHz	302	2566	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2543	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2527	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2444	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2365	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2290	NA	NA
Intel Celeron E1200 @ 1.60GHz	861	2157	3.83	\$225.00
Intel Celeron E1400 @ 2.00GHz	1047	2041	1.65	\$635.00
Intel Celeron E1500 @ 2.20GHz	1166	1976	56.77	\$20.54*
Intel Celeron E1600 @ 2.40GHz	1260	1924	NA	NA
Intel Celeron E3200 @ 2.40GHz	1391	1846	26.77	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1385	1847	2.52	\$550.00
Intel Celeron E3400 @ 2.60GHz	1442	1826	19.11	\$75.47
Intel Celeron E3500 @ 2.70GHz	1454	1818	36.37	\$39.99
Intel Celeron G440 @ 1.60GHz	690	2240	13.81	\$49.99
Intel Celeron G460 @ 1.80GHz	1028	2051	15.83	\$65.00*
Intel Celeron G465 @ 1.90GHz	1074	2031	35.82	\$29.99
Intel Celeron G470 @ 2.00GHz	1298	1896	NA	NA
Intel Celeron G530 @ 2.40GHz	2141	1491	53.56	\$39.99
Intel Celeron G530T @ 2.00GHz	1604	1754	NA	NA
Intel Celeron G540 @ 2.50GHz	2203	1472	89.98	\$24.49*
Intel Celeron G540T @ 2.10GHz	2114	1505	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1432	114.57	\$19.99
Intel Celeron G550T @ 2.20GHz	2063	1523	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1384	15.77	\$153.59
Intel Celeron G1101 @ 2.27GHz	1667	1719	116.35	\$14.33
Intel Celeron G1610 @ 2.60GHz	2494	1358	99.83	\$24.99
Intel Celeron G1610T @ 2.30GHz	2304	1424	57.55	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2581	1327	16.81	\$153.59
Intel Celeron G1620T @ 2.40GHz	2353	1409	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1359	49.89	\$49.99
Intel Celeron G1820 @ 2.70GHz	2759	1272	20.45	\$134.97
Intel Celeron G1820T @ 2.40GHz	2505	1354	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1496	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1339	36.35	\$69.99
Intel Celeron G1840 @ 2.80GHz	2860	1236	38.15	\$74.99
Intel Celeron G1840T @ 2.50GHz	2605	1316	NA	NA
Intel Celeron G1850 @ 2.90GHz	2902	1226	36.29	\$79.99
Intel Celeron G3900 @ 2.80GHz	3177	1130	73.93	\$42.98
Intel Celeron G3900E @ 2.40GHz	2679	1295	NA	NA
Intel Celeron G3900T @ 2.60GHz	2919	1216	NA	NA
Intel Celeron G3900TE @ 2.30GHz	2591	1322	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3113	1154	70.77	\$43.99
Intel Celeron G3930 @ 2.90GHz	3037	1178	59.36	\$51.17*
Intel Celeron G3950 @ 3.00GHz	3334	1090	46.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3154	1145	75.11	\$42.00
Intel Celeron G4900T @ 2.90GHz	2960	1201	NA	NA
Intel Celeron G4920 @ 3.20GHz	3393	1073	40.90	\$82.96

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J1750 @ 2.41GHz	1037	2047	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J1800 @ 2.41GHz	1024	2055	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1747	NA	NA
Intel Celeron J1900 @ 1.99GHz	1854	1621	NA	NA
Intel Celeron J3060 @ 1.60GHz	976	2089	NA	NA
Intel Celeron J3160 @ 1.60GHz	1788	1654	NA	NA
Intel Celeron J3355 @ 2.00GHz	1169	1972	NA	NA
Intel Celeron J3455 @ 1.50GHz	2141	1490	7.52	\$284.99
Intel Celeron J4005 @ 2.00GHz	1601	1757	11.83	\$135.37
Intel Celeron J4105 @ 1.50GHz	1975	1560	18.46	\$107.00*
Intel Celeron M 1.00GHz	207	2685	17.29	\$11.99*
Intel Celeron M 1.30GHz	316	2542	NA	NA
Intel Celeron M 1.50GHz	343	2520	NA	NA
Intel Celeron M 1.60GHz	365	2494	NA	NA
Intel Celeron M 1.70GHz	393	2462	NA	NA
Intel Celeron M 360 1.40GHz	327	2533	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2544	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2522	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2490	NA	NA
Intel Celeron M 440 @ 1.86GHz	405	2443	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2637	NA	NA
Intel Celeron M 450 @ 2.00GHz	455	2388	NA	NA
Intel Celeron M 520 @ 1.60GHz	434	2417	NA	NA
Intel Celeron M 530 @ 1.73GHz	458	2384	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2313	NA	NA
Intel Celeron M 600MHz	151	2726	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2387	NA	NA
Intel Celeron M 900MHz	202	2689	NA	NA
Intel Celeron M 1200MHz	275	2614	NA	NA
Intel Celeron M 1300MHz	303	2562	NA	NA
Intel Celeron M 1500MHz	332	2530	NA	NA
Intel Celeron M ULV 800MHz	184	2707	NA	NA
Intel Celeron N2805 @ 1.46GHz	454	2389	NA	NA
Intel Celeron N2806 @ 1.60GHz	789	2194	NA	NA
Intel Celeron N2807 @ 1.58GHz	855	2165	NA	NA
Intel Celeron N2808 @ 1.58GHz	927	2126	NA	NA
Intel Celeron N2810 @ 2.00GHz	777	2197	5.55	\$139.99*
Intel Celeron N2815 @ 1.86GHz	863	2156	NA	NA
Intel Celeron N2820 @ 2.13GHz	939	2119	4.79	\$196.28
Intel Celeron N2830 @ 2.16GHz	951	2108	NA	NA
Intel Celeron N2840 @ 2.16GHz	1004	2069	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	1955	NA	NA
Intel Celeron N2920 @ 1.86GHz	1516	1795	NA	NA
Intel Celeron N2930 @ 1.83GHz	1633	1738	NA	NA
Intel Celeron N2940 @ 1.83GHz	1734	1679	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2144	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2099	NA	NA
Intel Celeron N3050 @ 1.60GHz	881	2150	7.38	\$119.42*
Intel Celeron N3060 @ 1.60GHz	985	2085	NA	NA
Intel Celeron N3150 @ 1.60GHz	1657	1727	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 Celeron N3160 @ 1.60GHz	1690	1707	5.89	\$286.99*
Intel Celeron N3350 @ 1.10GHz	1111	2000	NA	NA
Intel Celeron N3450 @ 1.10GHz	1829	1636	11.11	\$164.70
Intel Celeron N4100 @ 1.10GHz	1800	1649	16.83	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1139	1994	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2080	NA	NA
Intel Celeron P4600 @ 2.00GHz	1340	1872	NA	NA
Intel Celeron SU2300 @ 1.20GHz	776	2198	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2109	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2036	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1696	NA	NA
Intel Celeron U3400 @ 1.07GHz	733	2217	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2244	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2189	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1048	2040	5.35	\$195.95
Intel Core2 Duo E4400 @ 2.00GHz	1158	1980	129.42	\$8.95
Intel Core2 Duo E4500 @ 2.20GHz	1271	1919	31.81	\$39.99
Intel Core2 Duo E4600 @ 2.40GHz	1384	1848	7.06	\$195.95
Intel Core2 Duo E4700 @ 2.60GHz	1486	1808	14.86	\$100.00*
Intel Core2 Duo E6300 @ 1.86GHz	1109	2004	11.93	\$93.00
Intel Core2 Duo E6320 @ 1.86GHz	1185	1963	23.71	\$49.99
Intel Core2 Duo E6400 @ 2.13GHz	1289	1904	43.06	\$29.95
Intel Core2 Duo E6420 @ 2.13GHz	1362	1862	27.26	\$49.99
Intel Core2 Duo E6540 @ 2.33GHz	1458	1815	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1499	1802	100.30	\$14.95
Intel Core2 Duo E6600 @ 2.40GHz	1554	1776	103.68	\$14.99
Intel Core2 Duo E6700 @ 2.66GHz	1694	1705	56.50	\$29.99
Intel Core2 Duo E6750 @ 2.66GHz	1714	1687	132.41	\$12.95
Intel Core2 Duo E6850 @ 3.00GHz	1950	1571	39.03	\$49.99
Intel Core2 Duo E7200 @ 2.53GHz	1632	1739	21.77	\$75.00
Intel Core2 Duo E7300 @ 2.66GHz	1725	1682	7.67	\$225.00
Intel Core2 Duo E7400 @ 2.80GHz	1775	1658	59.28	\$29.95
Intel Core2 Duo E7500 @ 2.93GHz	1875	1613	125.09	\$14.99
Intel Core2 Duo E7600 @ 3.06GHz	1976	1559	16.47	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1520	1789	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1765	1662	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1888	1606	37.78	\$49.99
Intel Core2 Duo E8235 @ 2.80GHz	1953	1569	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1408	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1992	1551	99.67	\$19.99
Intel Core2 Duo E8335 @ 2.66GHz	1846	1626	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1499	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2152	1486	71.88	\$29.95
Intel Core2 Duo E8435 @ 3.06GHz	2127	1500	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2285	1436	57.16	\$39.99
Intel Core2 Duo E8600 @ 3.33GHz	2406	1391	48.14	\$49.99
Intel Core2 Duo E8700 @ 3.50GHz	2212	1466	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2203	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2245	NA	NA
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Core2 Duo L7300 @ 1.40GHz	841	2171	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2167	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	963	2100	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2091	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	1996	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	2033	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1339	1873	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1290	1903	64.58	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	1895	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1420	1835	35.53	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2112	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1523	1786	6.62	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1450	1820	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2058	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1458	1816	4.91	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1782	31.25	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1626	1741	42.81	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1673	30.56	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1773	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1765	1661	1.77	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1740	1675	17.58	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1879	1611	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2012	1545	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2287	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1268	1922	5.01	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1677	1712	5.91	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	932	2123	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	834	2175	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	833	2176	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	816	2185	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	936	2120	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	912	2139	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	909	2141	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	924	2130	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1045	2042	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2050	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	992	2082	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1092	2016	109.39	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1109	2005	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1190	1960	74.85	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1143	1991	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	1951	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1225	1942	81.75	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1286	1906	85.84	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1250	1930	32.49	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1363	1860	72.16	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1368	1857	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1015	2061	46.20	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1166	1975	11.67	\$99.95
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Core2 Duo T7250 @ 2.00GHz	1111	2001	5.52	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1194	1958	38.54	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1243	1936	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1272	1917	29.61	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1378	1851	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1420	1836	23.70	\$59.95*
Intel Core2 Duo T7800 @ 2.60GHz	1614	1748	2.65	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1294	1898	1.29	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1478	1810	6.91	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1668	1718	28.78	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1736	1677	24.83	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1807	1644	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1800	1648	6.02	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1581	21.42	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2019	1541	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2128	1498	5.34	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	869	2153	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	582	2293	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	664	2251	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2237	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2160	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1132	1995	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1708	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3651	1008	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3636	1010	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3464	1054	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1869	1616	7.09	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1647	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1878	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1706	1693	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1906	1591	4.65	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2057	1526	2.42	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4164	897	4.58	\$909.00*
Intel Core2 Extreme X9750 @ 3.16GHz	4597	813	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4611	807	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	798	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2956	1203	73.94	\$39.98
Intel Core2 Quad Q6700 @ 2.66GHz	3287	1099	73.07	\$44.99
Intel Core2 Quad Q8200 @ 2.33GHz	2815	1250	122.46	\$22.99
Intel Core2 Quad Q8300 @ 2.50GHz	2987	1194	59.76	\$49.99
Intel Core2 Quad Q8400 @ 2.66GHz	3173	1133	31.90	\$99.50*
Intel Core2 Quad Q9000 @ 2.00GHz	2528	1344	6.50	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1109	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3161	1139	63.25	\$49.99
Intel Core2 Quad Q9400 @ 2.66GHz	3348	1085	98.53	\$33.98
Intel Core2 Quad Q9450 @ 2.66GHz	3763	980	11.24	\$335.00
Intel Core2 Quad Q9500 @ 2.83GHz	3552	1033	101.52	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3573	1026	18.81	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3975	931	81.15	\$48.99
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Core2 Quad Q9650 @ 3.00GHz	4182	893	54.66	\$76.52
Intel Core2 Quad Q9705 @ 3.16GHz	3947	938	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	350	2510	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2552	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2428	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	466	2376	NA	NA
Intel Core 330 @ 1.60GHz	643	2261	NA	NA
Intel Core 860 @ 2.80GHz	4555	822	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2225	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2229	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2221	NA	NA
Intel Core Duo T2050 @ 1.60GHz	696	2238	NA	NA
Intel Core Duo T2250 @ 1.73GHz	758	2208	NA	NA
Intel Core Duo T2300 @ 1.66GHz	730	2218	NA	NA
Intel Core Duo T2350 @ 1.86GHz	760	2204	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2192	49.67	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	822	2179	NA	NA
Intel Core Duo T2500 @ 2.00GHz	869	2154	7.24	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	941	2115	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2056	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2312	NA	NA
Intel Core Duo U2500 @ 1.20GHz	514	2332	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1578	NA	NA
Intel Core i3-330M @ 2.13GHz	1790	1653	36.87	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1074	2030	NA	NA
Intel Core i3-350M @ 2.27GHz	1893	1602	48.55	\$39.00
Intel Core i3-370M @ 2.40GHz	2017	1543	50.50	\$39.96
Intel Core i3-380M @ 2.53GHz	2093	1515	42.73	\$49.00*
Intel Core i3-380UM @ 1.33GHz	1164	1977	NA	NA
Intel Core i3-390M @ 2.67GHz	2180	1479	55.99	\$38.95*
Intel Core i3-530 @ 2.93GHz	2570	1332	128.53	\$20.00
Intel Core i3-540 @ 3.07GHz	2688	1293	128.03	\$21.00
Intel Core i3-550 @ 3.20GHz	2826	1244	14.13	\$199.95
Intel Core i3-560 @ 3.33GHz	2943	1207	98.18	\$29.98
Intel Core i3-2100 @ 3.10GHz	3684	1003	122.81	\$30.00
Intel Core i3-2100T @ 2.50GHz	2911	1219	48.54	\$59.99
Intel Core i3-2102 @ 3.10GHz	3736	987	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3719	991	46.50	\$79.99*
Intel Core i3-2120 @ 3.30GHz	3920	946	130.70	\$30.00
Intel Core i3-2120T @ 2.60GHz	3157	1144	31.41	\$100.51
Intel Core i3-2125 @ 3.30GHz	4020	920	20.20	\$199.00
Intel Core i3-2130 @ 3.40GHz	4055	913	57.94	\$69.99
Intel Core i3-2140 @ 3.50GHz	4325	869	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1240	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2428	1381	53.99	\$44.99
Intel Core i3-2312M @ 2.10GHz	2381	1397	NA	NA
Intel Core i3-2328M @ 2.20GHz	2537	1341	27.29	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1166	NA	NA
Intel Core i3-2330M @ 2.20GHz	2523	1347	14.83	\$170.20
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Core i3-2332M @ 2.20GHz	2382	1396	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1684	NA	NA
Intel Core i3-2348M @ 2.30GHz	2621	1310	NA	NA
Intel Core i3-2350M @ 2.30GHz	2619	1312	62.41	\$41.97*
Intel Core i3-2357M @ 1.30GHz	1556	1775	NA	NA
Intel Core i3-2365M @ 1.40GHz	1679	1711	NA	NA
Intel Core i3-2367M @ 1.40GHz	1703	1698	NA	NA
Intel Core i3-2370M @ 2.40GHz	2771	1265	46.23	\$59.95
Intel Core i3-2375M @ 1.50GHz	1781	1656	NA	NA
Intel Core i3-2377M @ 1.50GHz	1831	1635	NA	NA
Intel Core i3-3110M @ 2.40GHz	3074	1165	38.45	\$79.95
Intel Core i3-3120M @ 2.50GHz	3219	1120	20.12	\$160.00*
Intel Core i3-3130M @ 2.60GHz	3383	1075	NA	NA
Intel Core i3-3210 @ 3.20GHz	4029	919	40.30	\$99.99
Intel Core i3-3217U @ 1.80GHz	2302	1428	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1484	NA	NA
Intel Core i3-3220 @ 3.30GHz	4234	884	121.35	\$34.90
Intel Core i3-3220T @ 2.80GHz	3703	1000	37.03	\$99.99
Intel Core i3-3225 @ 3.30GHz	4334	867	43.35	\$99.99
Intel Core i3-3227U @ 1.90GHz	2463	1370	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1694	1704	NA	NA
Intel Core i3-3240 @ 3.40GHz	4315	870	63.47	\$67.99
Intel Core i3-3240T @ 2.90GHz	3673	1005	NA	NA
Intel Core i3-3245 @ 3.40GHz	4424	842	55.32	\$79.99
Intel Core i3-3250 @ 3.50GHz	4444	839	46.79	\$94.99
Intel Core i3-3250T @ 3.00GHz	3021	1180	NA	NA
Intel Core i3-4000M @ 2.40GHz	3240	1110	16.21	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2448	1375	NA	NA
Intel Core i3-4010U @ 1.70GHz	2439	1379	19.62	\$124.31
Intel Core i3-4010Y @ 1.30GHz	1900	1598	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2151	1488	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2208	1468	NA	NA
Intel Core i3-4025U @ 1.90GHz	2777	1264	NA	NA
Intel Core i3-4030U @ 1.90GHz	2705	1288	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1353	NA	NA
Intel Core i3-4100M @ 2.50GHz	3477	1049	15.91	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	952	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1227	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1173	NA	NA
Intel Core i3-4130 @ 3.40GHz	4794	777	28.37	\$168.98
Intel Core i3-4130T @ 2.90GHz	4134	904	46.46	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4896	757	23.89	\$205.00*
Intel Core i3-4150T @ 3.00GHz	4260	879	18.53	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1218	NA	NA
Intel Core i3-4160 @ 3.60GHz	5052	730	36.09	\$139.99
Intel Core i3-4160T @ 3.10GHz	4389	851	29.27	\$149.99
Intel Core i3-4170 @ 3.70GHz	5188	705	30.61	\$169.49
Intel Core i3-4170T @ 3.20GHz	4568	821	21.76	\$209.95
Intel Core i3-4330 @ 3.50GHz	5091	722	28.29	\$179.99
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Core i3-4330T @ 3.00GHz	4482	835	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1124	NA	NA
Intel Core i3-4340 @ 3.60GHz	5237	702	30.81	\$169.99
Intel Core i3-4350 @ 3.60GHz	4963	745	29.20	\$169.99
Intel Core i3-4350T @ 3.10GHz	4302	872	NA	NA
Intel Core i3-4360 @ 3.70GHz	5455	666	19.49	\$279.95*
Intel Core i3-4360T @ 3.20GHz	4636	801	NA	NA
Intel Core i3-4370 @ 3.80GHz	5600	646	12.45	\$449.97
Intel Core i3-4370T @ 3.30GHz	4832	769	35.02	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	752	NA	NA
Intel Core i3-5005U @ 2.00GHz	2906	1224	NA	NA
Intel Core i3-5010U @ 2.10GHz	3053	1171	10.05	\$303.93*
Intel Core i3-5015U @ 2.10GHz	3042	1176	NA	NA
Intel Core i3-5020U @ 2.20GHz	3183	1128	6.94	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3665	1007	NA	NA
Intel Core i3-6006U @ 2.00GHz	3109	1156	NA	NA
Intel Core i3-6098P @ 3.60GHz	5421	675	40.54	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5491	659	39.72	\$138.27
Intel Core i3-6100E @ 2.70GHz	3769	977	NA	NA
Intel Core i3-6100H @ 2.70GHz	4230	885	NA	NA
Intel Core i3-6100T @ 3.20GHz	4851	766	37.32	\$129.99
Intel Core i3-6100TE @ 2.70GHz	4337	866	NA	NA
Intel Core i3-6100U @ 2.30GHz	3599	1016	6.99	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3833	960	NA	NA
Intel Core i3-6300 @ 3.80GHz	5850	616	40.92	\$142.99
Intel Core i3-6300T @ 3.30GHz	5249	701	37.50	\$139.99
Intel Core i3-6320 @ 3.90GHz	6047	595	39.53	\$152.99
Intel Core i3-7020U @ 2.30GHz	3589	1022	12.78	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5786	623	45.03	\$128.50
Intel Core i3-7100H @ 3.00GHz	4768	780	21.19	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5080	725	43.42	\$117.00*
Intel Core i3-7100U @ 2.40GHz	3801	968	12.57	\$302.50
Intel Core i3-7101TE @ 3.40GHz	5016	735	42.88	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4113	909	14.64	\$281.00*
Intel Core i3-7300 @ 4.00GHz	6438	560	27.40	\$234.98*
Intel Core i3-7300T @ 3.50GHz	5366	681	27.46	\$195.41*
Intel Core i3-7320 @ 4.10GHz	6541	549	28.32	\$230.96
Intel Core i3-7350K @ 4.20GHz	6620	542	33.79	\$195.95
Intel Core i3-8100 @ 3.60GHz	8090	409	67.43	\$119.99
Intel Core i3-8100T @ 3.10GHz	7043	503	36.31	\$193.99
Intel Core i3-8130U @ 2.20GHz	5049	731	17.97	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8765	361	53.51	\$163.83*
Intel Core i3-8300T @ 3.20GHz	7628	450	32.74	\$232.99*
Intel Core i3-8350K @ 4.00GHz	9279	317	48.04	\$193.15
Intel Core i5 750S @ 2.40GHz	2197	1473	21.97	\$99.99
Intel Core i5 E 520 @ 2.40GHz	2486	1363	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3633	1011	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3737	986	NA	NA
Intel Core i5-430M @ 2.27GHz	2099	1512	15.00	\$139.95*
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Core i5-430UM @ 1.20GHz	1339	1874	NA	NA
Intel Core i5-450M @ 2.40GHz	2115	1504	66.20	\$31.95*
Intel Core i5-460M @ 2.53GHz	2327	1414	31.05	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	2028	NA	NA
Intel Core i5-480M @ 2.67GHz	2407	1389	29.87	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1456	NA	NA
Intel Core i5-520M @ 2.40GHz	2372	1402	39.55	\$59.99*
Intel Core i5-520UM @ 1.07GHz	1356	1866	NA	NA
Intel Core i5-540M @ 2.53GHz	2449	1374	12.89	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1374	1855	NA	NA
Intel Core i5-560M @ 2.67GHz	2588	1323	31.58	\$81.97
Intel Core i5-560UM @ 1.33GHz	1664	1720	NA	NA
Intel Core i5-580M @ 2.67GHz	2617	1313	23.81	\$109.95
Intel Core i5-650 @ 3.20GHz	3105	1157	36.54	\$84.99
Intel Core i5-655K @ 3.20GHz	3399	1069	56.67	\$59.99
Intel Core i5-660 @ 3.33GHz	3248	1106	66.30	\$49.00
Intel Core i5-661 @ 3.33GHz	3175	1131	12.60	\$252.01
Intel Core i5-670 @ 3.47GHz	3308	1094	36.77	\$89.99
Intel Core i5-680 @ 3.60GHz	3513	1040	39.05	\$89.99
Intel Core i5-750 @ 2.67GHz	3699	1001	24.67	\$150.00
Intel Core i5-760 @ 2.80GHz	3893	947	38.94	\$99.99
Intel Core i5-2300 @ 2.80GHz	5342	688	39.46	\$135.40
Intel Core i5-2310 @ 2.90GHz	5526	656	78.97	\$69.98
Intel Core i5-2320 @ 3.00GHz	5755	627	22.14	\$259.95
Intel Core i5-2380P @ 3.10GHz	5679	636	63.12	\$89.99
Intel Core i5-2390T @ 2.70GHz	4260	878	42.65	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5951	602	91.56	\$65.00
Intel Core i5-2400S @ 2.50GHz	4957	747	36.07	\$137.43
Intel Core i5-2405S @ 2.50GHz	5065	727	30.81	\$164.40*
Intel Core i5-2410M @ 2.30GHz	3166	1137	40.55	\$78.07*
Intel Core i5-2415M @ 2.30GHz	3299	1097	NA	NA
Intel Core i5-2430M @ 2.40GHz	3281	1100	39.02	\$84.11*
Intel Core i5-2435M @ 2.40GHz	3229	1113	NA	NA
Intel Core i5-2450M @ 2.50GHz	3396	1071	38.58	\$88.02
Intel Core i5-2450P @ 3.20GHz	6144	584	68.28	\$89.99
Intel Core i5-2467M @ 1.60GHz	2336	1411	NA	NA
Intel Core i5-2500 @ 3.30GHz	6326	572	60.26	\$104.99
Intel Core i5-2500K @ 3.30GHz	6477	556	48.34	\$133.99
Intel Core i5-2500S @ 2.70GHz	5309	695	27.95	\$190.00*
Intel Core i5-2500T @ 2.30GHz	4680	794	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	1004	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1093	NA	NA
Intel Core i5-2520M @ 2.50GHz	3584	1023	21.13	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2095	1514	NA	NA
Intel Core i5-2540M @ 2.60GHz	3781	975	60.07	\$62.95
Intel Core i5-2550K @ 3.40GHz	6662	537	66.63	\$99.99
Intel Core i5-2557M @ 1.70GHz	2659	1301	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	982	NA	NA
Intel Core i5-3210M @ 2.50GHz	3821	962	31.67	\$120.68*
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Core i5-3230M @ 2.60GHz	3938	942	15.77	\$249.65*
Intel Core i5-3317U @ 1.70GHz	3089	1161	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4115	908	33.53	\$122.74*
Intel Core i5-3330 @ 3.00GHz	5929	605	59.31	\$99.99*
Intel Core i5-3330S @ 2.70GHz	5663	638	59.62	\$94.99
Intel Core i5-3335S @ 2.70GHz	5788	622	NA	NA
Intel Core i5-3337U @ 1.80GHz	3219	1119	14.31	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2237	1460	NA	NA
Intel Core i5-3340 @ 3.10GHz	6083	592	23.22	\$262.01
Intel Core i5-3340M @ 2.70GHz	4251	880	53.17	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5819	620	38.80	\$149.99
Intel Core i5-3350P @ 3.10GHz	6141	585	36.13	\$169.99
Intel Core i5-3360M @ 2.80GHz	4422	844	45.09	\$98.08*
Intel Core i5-3380M @ 2.90GHz	4422	843	NA	NA
Intel Core i5-3427U @ 1.80GHz	3543	1035	8.44	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3639	1009	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1212	NA	NA
Intel Core i5-3450 @ 3.10GHz	6518	552	50.93	\$127.99
Intel Core i5-3450S @ 2.80GHz	6204	578	62.05	\$99.99
Intel Core i5-3470 @ 3.20GHz	6687	534	60.99	\$109.65
Intel Core i5-3470S @ 2.90GHz	6345	571	44.35	\$143.09
Intel Core i5-3470T @ 2.90GHz	4490	834	19.87	\$226.00*
Intel Core i5-3475S @ 2.90GHz	6618	543	46.12	\$143.50
Intel Core i5-3550 @ 3.30GHz	6935	513	20.40	\$339.95
Intel Core i5-3550S @ 3.00GHz	6845	520	29.70	\$230.51*
Intel Core i5-3570 @ 3.40GHz	7099	494	50.71	\$139.99
Intel Core i5-3570K @ 3.40GHz	7169	490	53.11	\$134.99
Intel Core i5-3570S @ 3.10GHz	6720	532	23.58	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5877	612	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3786	974	NA	NA
Intel Core i5-4200H @ 2.80GHz	4439	840	NA	NA
Intel Core i5-4200M @ 2.50GHz	4036	918	22.42	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3287	1098	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1390	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2256	1449	NA	NA
Intel Core i5-4210H @ 2.90GHz	4535	827	NA	NA
Intel Core i5-4210M @ 2.60GHz	4190	892	13.52	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3401	1067	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2377	1399	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1448	NA	NA
Intel Core i5-4250U @ 1.30GHz	3456	1055	9.63	\$358.99*
Intel Core i5-4258U @ 2.40GHz	4081	911	NA	NA
Intel Core i5-4260U @ 1.40GHz	3593	1018	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	858	NA	NA
Intel Core i5-4288U @ 2.60GHz	4358	860	NA	NA
Intel Core i5-4300M @ 2.60GHz	4414	847	NA	NA
Intel Core i5-4300U @ 1.90GHz	3738	985	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2486	1362	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2967	1199	NA	NA
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Core i5-4308U @ 2.80GHz	4190	891	NA	NA
Intel Core i5-4310M @ 2.70GHz	4617	806	NA	NA
Intel Core i5-4310U @ 2.00GHz	3720	990	NA	NA
Intel Core i5-4330M @ 2.80GHz	4461	837	16.22	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4810	775	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1014	NA	NA
Intel Core i5-4400E @ 2.70GHz	1271	1920	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	939	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1256	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6312	573	35.07	\$179.99
Intel Core i5-4430S @ 2.70GHz	5912	609	39.95	\$147.99*
Intel Core i5-4440 @ 3.10GHz	6489	555	38.17	\$169.99
Intel Core i5-4440S @ 2.80GHz	6208	576	13.41	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6707	533	37.26	\$179.99
Intel Core i5-4460S @ 2.90GHz	6393	568	9.69	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4959	746	NA	NA
Intel Core i5-4570 @ 3.20GHz	7116	493	39.54	\$179.99
Intel Core i5-4570R @ 2.70GHz	6734	531	NA	NA
Intel Core i5-4570S @ 2.90GHz	6770	526	24.25	\$279.20*
Intel Core i5-4570T @ 2.90GHz	4823	771	32.16	\$149.99
Intel Core i5-4570TE @ 2.70GHz	3973	933	19.87	\$199.99
Intel Core i5-4590 @ 3.30GHz	7293	480	39.43	\$184.99
Intel Core i5-4590S @ 3.00GHz	7005	506	35.38	\$197.99
Intel Core i5-4590T @ 2.00GHz	5587	649	NA	NA
Intel Core i5-4670 @ 3.40GHz	7433	465	39.33	\$188.99
Intel Core i5-4670K @ 3.40GHz	7632	449	30.53	\$249.99
Intel Core i5-4670K CPT @ 3.40GHz	7411	470	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	469	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	6436	561	NA	NA
Intel Core i5-4670T @ 2.30GHz	6204	577	29.13	\$213.00*
Intel Core i5-4690 @ 3.50GHz	7649	447	38.25	\$199.99
Intel Core i5-4690K @ 3.50GHz	7795	433	38.98	\$199.99
Intel Core i5-4690S @ 3.20GHz	7424	468	27.50	\$269.94
Intel Core i5-4690T @ 2.50GHz	6495	554	NA	NA
Intel Core i5-5200U @ 2.20GHz	3487	1047	NA	NA
Intel Core i5-5250U @ 1.60GHz	3592	1021	8.13	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4404	849	NA	NA
Intel Core i5-5287U @ 2.90GHz	4681	793	NA	NA
Intel Core i5-5300U @ 2.30GHz	3800	970	7.37	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3358	1083	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	464	NA	NA
Intel Core i5-5675C @ 3.10GHz	8194	399	20.49	\$399.99*
Intel Core i5-5675R @ 3.10GHz	8054	412	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4163	898	NA	NA
Intel Core i5-6200U @ 2.30GHz	4016	922	NA	NA
Intel Core i5-6260U @ 1.80GHz	4358	859	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4957	748	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	784	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6088	590	NA	NA
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Core i5-6300U @ 2.40GHz	4374	855	NA	NA
Intel Core i5-6360U @ 2.00GHz	4836	768	NA	NA
Intel Core i5-6400 @ 2.70GHz	6762	528	35.78	\$189.00
Intel Core i5-6400T @ 2.20GHz	5589	648	24.99	\$223.66*
Intel Core i5-6402P @ 2.80GHz	7088	496	37.31	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	624	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6783	525	NA	NA
Intel Core i5-6500 @ 3.20GHz	7236	483	33.28	\$217.47
Intel Core i5-6500T @ 2.50GHz	6266	574	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6559	548	NA	NA
Intel Core i5-6600 @ 3.30GHz	7754	436	35.25	\$219.99
Intel Core i5-6600K @ 3.50GHz	8048	414	36.09	\$222.99
Intel Core i5-6600T @ 2.70GHz	7310	479	43.01	\$169.99
Intel Core i5-7200U @ 2.50GHz	4625	805	NA	NA
Intel Core i5-7260U @ 2.20GHz	5698	634	NA	NA
Intel Core i5-7267U @ 3.10GHz	5098	718	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	640	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6816	523	NA	NA
Intel Core i5-7300U @ 2.60GHz	5090	723	11.31	\$449.98
Intel Core i5-7360U @ 2.30GHz	5929	607	NA	NA
Intel Core i5-7400 @ 3.00GHz	7358	472	38.13	\$192.98
Intel Core i5-7400T @ 2.40GHz	6429	564	38.04	\$169.00
Intel Core i5-7440HQ @ 2.80GHz	7701	443	NA	NA
Intel Core i5-7500 @ 3.40GHz	8033	416	41.20	\$194.99
Intel Core i5-7500T @ 2.70GHz	7061	501	29.89	\$236.25
Intel Core i5-7600 @ 3.50GHz	8795	359	38.12	\$230.77
Intel Core i5-7600K @ 3.80GHz	9134	327	39.89	\$228.98
Intel Core i5-7600T @ 2.80GHz	8117	406	36.01	\$225.43
Intel Core i5-7640X @ 4.00GHz	9691	285	38.91	\$249.10
Intel Core i5-8250U @ 1.60GHz	7676	446	NA	NA
Intel Core i5-8259U @ 2.30GHz	10863	205	NA	NA
Intel Core i5-8300H @ 2.30GHz	9372	308	37.49	\$250.00*
Intel Core i5-8350U @ 1.70GHz	8216	396	27.66	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11720	183	48.08	\$243.80
Intel Core i5-8400H @ 2.50GHz	10202	239	40.81	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9630	287	32.76	\$293.99
Intel Core i5-8500 @ 3.00GHz	12105	175	41.61	\$290.96
Intel Core i5-8500T @ 2.10GHz	10208	238	31.70	\$321.99*
Intel Core i5-8600 @ 3.10GHz	12414	167	50.79	\$244.46
Intel Core i5-8600K @ 3.60GHz	12817	157	51.27	\$249.99
Intel Core i5-8600T @ 2.30GHz	10913	203	29.18	\$373.99
Intel Core i5-24050S @ 2.50GHz	4928	755	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3735	988	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1563	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1338	NA	NA
Intel Core i7-620LM @ 2.00GHz	1951	1570	NA	NA
Intel Core i7-620M @ 2.67GHz	2722	1285	24.75	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	1882	NA	NA
Intel Core i7-640LM @ 2.13GHz	2250	1453	NA	NA
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Core i7-640M @ 2.80GHz	2843	1239	17.77	\$159.95
Intel Core i7-640UM @ 1.20GHz	1662	1723	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1671	NA	NA
Intel Core i7-680UM @ 1.47GHz	1704	1695	NA	NA
Intel Core i7-720QM @ 1.60GHz	3015	1184	27.43	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3199	1125	20.00	\$159.95
Intel Core i7-820QM @ 1.73GHz	3227	1114	13.45	\$239.95*
Intel Core i7-840QM @ 1.87GHz	3409	1064	11.76	\$289.97
Intel Core i7-860 @ 2.80GHz	5015	736	17.30	\$289.95
Intel Core i7-860S @ 2.53GHz	4711	786	23.56	\$199.99
Intel Core i7-870 @ 2.93GHz	5350	686	19.76	\$270.70
Intel Core i7-870S @ 2.67GHz	4969	744	NA	NA
Intel Core i7-875K @ 2.93GHz	5445	670	27.23	\$199.99
Intel Core i7-880 @ 3.07GHz	5610	645	9.62	\$583.00*
Intel Core i7-920 @ 2.67GHz	4930	753	28.34	\$174.00
Intel Core i7-920XM @ 2.00GHz	3767	978	9.42	\$399.95
Intel Core i7-930 @ 2.80GHz	5147	710	10.50	\$489.97*
Intel Core i7-940 @ 2.93GHz	5362	683	51.56	\$103.99
Intel Core i7-940XM @ 2.13GHz	3941	941	NA	NA
Intel Core i7-950 @ 3.07GHz	5560	650	22.70	\$245.00
Intel Core i7-960 @ 3.20GHz	5828	619	58.29	\$99.99
Intel Core i7-965 @ 3.20GHz	5859	614	41.86	\$139.99
Intel Core i7-970 @ 3.20GHz	8395	385	55.97	\$149.98
Intel Core i7-975 @ 3.33GHz	6135	586	34.09	\$179.99
Intel Core i7-980 @ 3.33GHz	8675	370	12.39	\$699.99
Intel Core i7-980X @ 3.33GHz	8797	358	39.99	\$219.98
Intel Core i7-985 @ 3.47GHz	6641	540	NA	NA
Intel Core i7-990X @ 3.47GHz	9101	330	17.88	\$509.00
Intel Core i7-995X @ 3.60GHz	9791	272	NA	NA
Intel Core i7-2600 @ 3.40GHz	8196	398	54.65	\$149.98
Intel Core i7-2600K @ 3.40GHz	8450	381	42.68	\$197.99
Intel Core i7-2600S @ 2.80GHz	7079	499	35.40	\$199.99
Intel Core i7-2610UE @ 1.50GHz	2481	1365	NA	NA
Intel Core i7-2617M @ 1.50GHz	2818	1249	NA	NA
Intel Core i7-2620M @ 2.70GHz	3838	957	21.42	\$179.21*
Intel Core i7-2630QM @ 2.00GHz	5536	655	42.92	\$129.00*
Intel Core i7-2630UM @ 1.60GHz	2584	1326	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5456	665	NA	NA
Intel Core i7-2637M @ 1.70GHz	2906	1221	NA	NA
Intel Core i7-2640M @ 2.80GHz	3936	943	20.26	\$194.29*
Intel Core i7-2655LE @ 2.20GHz	3161	1141	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5890	610	42.38	\$139.00*
Intel Core i7-2675QM @ 2.20GHz	5555	653	NA	NA
Intel Core i7-2677M @ 1.80GHz	2821	1246	NA	NA
Intel Core i7-2700K @ 3.50GHz	8721	363	43.61	\$199.99
Intel Core i7-2710QE @ 2.10GHz	5768	626	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	682	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6113	589	32.18	\$189.95
Intel Core i7-2760QM @ 2.40GHz	6578	546	47.00	\$139.95*
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Core i7-2820QM @ 2.30GHz	6642	539	26.46	\$251.04*
Intel Core i7-2840QM @ 2.40GHz	6766	527	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7003	507	11.67	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7033	504	11.55	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7167	491	17.48	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3593	1019	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1091	NA	NA
Intel Core i7-3520M @ 2.90GHz	4535	828	19.30	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3849	955	NA	NA
Intel Core i7-3540M @ 3.00GHz	4645	799	10.81	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	4130	906	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	558	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7470	462	18.68	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6562	547	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6829	522	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	473	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7371	471	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7586	453	31.74	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6941	511	20.72	\$335.00*
Intel Core i7-3635QM @ 2.40GHz	6669	536	NA	NA
Intel Core i7-3667U @ 2.00GHz	3994	928	NA	NA
Intel Core i7-3687U @ 2.10GHz	4170	896	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1118	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8123	405	22.63	\$359.00*
Intel Core i7-3740QM @ 2.70GHz	8328	388	34.71	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9295	316	58.10	\$159.99
Intel Core i7-3770K @ 3.50GHz	9524	292	38.25	\$248.98
Intel Core i7-3770S @ 3.10GHz	8878	350	44.39	\$199.99
Intel Core i7-3770T @ 2.50GHz	8203	397	24.86	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9003	339	21.96	\$409.99
Intel Core i7-3820QM @ 2.70GHz	8441	382	17.34	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8799	357	26.27	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9151	325	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	12004	178	20.21	\$593.98
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	12670	161	9.20	\$1,377.90*
Intel Core i7-4500U @ 1.80GHz	3790	972	NA	NA
Intel Core i7-4510U @ 2.00GHz	3932	945	NA	NA
Intel Core i7-4550U @ 1.50GHz	3713	994	NA	NA
Intel Core i7-4558U @ 2.80GHz	4373	856	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	868	NA	NA
Intel Core i7-4578U @ 3.00GHz	4758	782	NA	NA
Intel Core i7-4600M @ 2.90GHz	4868	759	NA	NA
Intel Core i7-4600U @ 2.10GHz	4100	910	NA	NA
Intel Core i7-4610M @ 3.00GHz	4986	742	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	984	NA	NA
Intel Core i7-4650U @ 1.70GHz	3968	934	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	488	NA	NA
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Core i7-4700HQ @ 2.40GHz	7732	440	20.19	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7694	444	40.71	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7481	461	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7139	492	21.23	\$336.25*
Intel Core i7-4710HQ @ 2.50GHz	7741	439	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7992	421	29.43	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7510	458	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7176	489	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8007	418	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	413	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8290	392	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	374	NA	NA
Intel Core i7-4765T @ 2.00GHz	7311	478	27.08	\$269.99*
Intel Core i7-4770 @ 3.40GHz	9787	274	40.78	\$239.99
Intel Core i7-4770HQ @ 2.20GHz	8948	345	NA	NA
Intel Core i7-4770K @ 3.50GHz	10098	249	34.95	\$288.99
Intel Core i7-4770R @ 3.20GHz	9828	271	NA	NA
Intel Core i7-4770S @ 3.10GHz	9337	312	37.35	\$249.99
Intel Core i7-4770T @ 2.50GHz	8634	372	21.59	\$399.99
Intel Core i7-4770TE @ 2.30GHz	6615	544	NA	NA
Intel Core i7-4771 @ 3.50GHz	9875	270	32.92	\$299.99
Intel Core i7-4785T @ 2.20GHz	7620	452	NA	NA
Intel Core i7-4790 @ 3.60GHz	9990	259	35.81	\$278.99
Intel Core i7-4790K @ 4.00GHz	11183	191	36.19	\$308.99
Intel Core i7-4790S @ 3.20GHz	9562	291	23.91	\$399.98
Intel Core i7-4790T @ 2.70GHz	9094	332	25.33	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8493	378	16.66	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8649	371	20.35	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9725	282	19.45	\$499.99
Intel Core i7-4850HQ @ 2.30GHz	9001	340	20.74	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7931	426	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9239	319	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9359	309	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9027	336	15.39	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9452	302	20.55	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13024	152	32.65	\$398.98
Intel Core i7-4930MX @ 3.00GHz	9511	293	8.68	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9895	265	16.22	\$609.95
Intel Core i7-4960HQ @ 2.60GHz	9778	276	15.70	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13801	134	17.92	\$769.99
Intel Core i7-4980HQ @ 2.80GHz	10228	236	NA	NA
Intel Core i7-5500U @ 2.40GHz	3974	932	NA	NA
Intel Core i7-5550U @ 2.00GHz	4271	875	NA	NA
Intel Core i7-5557U @ 3.10GHz	4943	751	7.01	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4311	871	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	886	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	401	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	395	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8363	386	NA	NA
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Core i7-5775C @ 3.30GHz	10997	201	24.44	\$449.99
Intel Core i7-5775R @ 3.30GHz	10848	207	NA	NA
Intel Core i7-5820K @ 3.30GHz	12994	153	44.81	\$289.99
Intel Core i7-5850HQ @ 2.70GHz	9459	301	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13641	139	27.34	\$498.98
Intel Core i7-5950HQ @ 2.90GHz	10956	202	NA	NA
Intel Core i7-5960X @ 3.00GHz	15976	86	20.75	\$769.99
Intel Core i7-6498DU @ 2.50GHz	4538	826	NA	NA
Intel Core i7-6500U @ 2.50GHz	4429	841	NA	NA
Intel Core i7-6560U @ 2.20GHz	4812	773	NA	NA
Intel Core i7-6567U @ 3.30GHz	5639	642	NA	NA
Intel Core i7-6600U @ 2.60GHz	4801	776	NA	NA
Intel Core i7-6650U @ 2.20GHz	4950	750	NA	NA
Intel Core i7-6700 @ 3.40GHz	10008	258	31.73	\$315.45
Intel Core i7-6700HQ @ 2.60GHz	8137	403	21.53	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11112	193	28.49	\$390.00
Intel Core i7-6700T @ 2.80GHz	9038	335	27.47	\$329.00*
Intel Core i7-6700TE @ 2.40GHz	8712	364	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9713	283	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13606	143	30.24	\$449.99
Intel Core i7-6820EQ @ 2.80GHz	8968	341	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9136	326	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8776	360	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	565	NA	NA
Intel Core i7-6850K @ 3.60GHz	14369	121	31.44	\$457.00
Intel Core i7-6900K @ 3.20GHz	17711	57	14.81	\$1,196.00
Intel Core i7-6920HQ @ 2.90GHz	9618	289	16.93	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19992	34	25.31	\$789.99
Intel Core i7-7500U @ 2.70GHz	5180	707	NA	NA
Intel Core i7-7560U @ 2.40GHz	5873	613	NA	NA
Intel Core i7-7567U @ 3.50GHz	6525	551	NA	NA
Intel Core i7-7600U @ 2.80GHz	5514	658	NA	NA
Intel Core i7-7660U @ 2.50GHz	6030	598	NA	NA
Intel Core i7-7700 @ 3.60GHz	10759	209	35.39	\$303.99
Intel Core i7-7700HQ @ 2.80GHz	8847	353	NA	NA
Intel Core i7-7700K @ 4.20GHz	12050	177	36.63	\$328.98
Intel Core i7-7700T @ 2.90GHz	9339	310	28.95	\$322.61
Intel Core i7-7740X @ 4.30GHz	12237	172	35.06	\$348.99
Intel Core i7-7800X @ 3.50GHz	14529	115	37.07	\$391.99
Intel Core i7-7820HK @ 2.90GHz	10054	255	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9405	306	24.88	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18568	46	39.69	\$467.88
Intel Core i7-7900X @ 3.30GHz	18539	48	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10170	244	NA	NA
Intel Core i7-8086K @ 4.00GHz	17066	64	30.86	\$552.96
Intel Core i7-8550U @ 1.80GHz	8307	389	NA	NA
Intel Core i7-8559U @ 2.70GHz	10296	230	NA	NA
Intel Core i7-8565U @ 1.80GHz	9214	320	NA	NA
Intel Core i7-8650U @ 1.90GHz	8949	344	NA	NA
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Core i7-8700 @ 3.20GHz	15190	99	37.98	\$399.99
Intel Core i7-8700K @ 3.70GHz	15971	87	44.63	\$357.83
Intel Core i7-8700T @ 2.40GHz	12485	166	35.77	\$349.00
Intel Core i7-8705G @ 3.10GHz	10195	240	NA	NA
Intel Core i7-8706G @ 3.10GHz	10591	218	NA	NA
Intel Core i7-8750H @ 2.20GHz	12543	164	31.76	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11061	198	NA	NA
Intel Core i7-8850H @ 2.60GHz	13296	148	33.66	\$395.00*
Intel Core i9-7900X @ 3.30GHz	21939	20	20.80	\$1,055.00
Intel Core i9-7920X @ 2.90GHz	23343	14	21.58	\$1,081.58
Intel Core i9-7940X @ 3.10GHz	25539	6	22.70	\$1,124.99
Intel Core i9-7960X @ 2.80GHz	25714	5	18.00	\$1,428.60
Intel Core i9-7980XE @ 2.60GHz	27763	3	14.77	\$1,879.99
Intel Core i9-8950HK @ 2.90GHz	14671	111	25.17	\$583.00*
Intel Core m3-6Y30 @ 0.90GHz	3051	1172	NA	NA
Intel Core m3-7Y30 @ 1.00GHz	3557	1031	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3527	1038	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3361	1081	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3232	1112	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3488	1046	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2737	1281	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2250	1452	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2818	1248	10.03	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2648	1304	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2470	1367	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1183	NA	NA
Intel Core M-5Y71 @ 1.20GHz	3019	1181	10.75	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2461	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2455	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2374	NA	NA
Intel Core Solo U1300 @ 1.06GHz	271	2619	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2610	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2531	NA	NA
Intel E3000 @ 3.40GHz	2767	1267	NA	NA
Intel Pentium 4 1.40GHz	164	2717	NA	NA
Intel Pentium 4 1.50GHz	131	2734	NA	NA
Intel Pentium 4 1.60GHz	129	2736	NA	NA
Intel Pentium 4 1.70GHz	132	2733	NA	NA
Intel Pentium 4 1.80GHz	161	2720	NA	NA
Intel Pentium 4 1.90GHz	159	2721	NA	NA
Intel Pentium 4 2.00GHz	189	2699	NA	NA
Intel Pentium 4 2.20GHz	210	2681	NA	NA
Intel Pentium 4 2.26GHz	221	2671	NA	NA
Intel Pentium 4 2.40GHz	228	2664	NA	NA
Intel Pentium 4 2.50GHz	245	2648	NA	NA
Intel Pentium 4 2.53GHz	248	2644	NA	NA
Intel Pentium 4 2.60GHz	288	2590	NA	NA
Intel Pentium 4 2.66GHz	254	2635	NA	NA
Intel Pentium 4 2.80GHz	321	2537	NA	NA
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Pentium 4 2.93GHz	297	2575	NA	NA
Intel Pentium 4 3.00GHz	353	2508	NA	NA
Intel Pentium 4 3.06GHz	347	2513	NA	NA
Intel Pentium 4 3.20GHz	374	2477	NA	NA
Intel Pentium 4 3.40GHz	396	2457	NA	NA
Intel Pentium 4 3.46GHz	487	2353	NA	NA
Intel Pentium 4 3.60GHz	488	2352	NA	NA
Intel Pentium 4 3.73GHz	486	2356	NA	NA
Intel Pentium 4 3.80GHz	484	2362	NA	NA
Intel Pentium 4 3.83GHz	195	2694	NA	NA
Intel Pentium 4 4.00GHz	184	2705	NA	NA
Intel Pentium 4 1300MHz	119	2740	NA	NA
Intel Pentium 4 1400MHz	127	2737	NA	NA
Intel Pentium 4 1500MHz	125	2738	NA	NA
Intel Pentium 4 1600MHz	193	2698	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2724	NA	NA
Intel Pentium 4 1800MHz	162	2719	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2727	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2693	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2710	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2683	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2713	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2682	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2688	NA	NA
Intel Pentium 5 2.66GHz	705	2234	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2013	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1157	1981	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	1986	NA	NA
Intel Pentium 987 @ 1.50GHz	1224	1943	NA	NA
Intel Pentium 997 @ 1.60GHz	1427	1832	NA	NA
Intel Pentium 1403 @ 2.60GHz	2747	1279	NA	NA
Intel Pentium 2020M @ 2.40GHz	2281	1440	17.03	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2414	1386	18.02	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1662	1722	12.41	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1818	1642	13.57	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2037	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2304	1423	NA	NA
Intel Pentium 3556U @ 1.70GHz	1713	1688	NA	NA
Intel Pentium 3558U @ 1.70GHz	1686	1709	NA	NA
Intel Pentium 3560M @ 2.40GHz	2240	1458	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1923	NA	NA
Intel Pentium 3805U @ 1.90GHz	1982	1557	NA	NA
Intel Pentium 3825U @ 1.90GHz	2526	1345	NA	NA
Intel Pentium 4405U @ 2.10GHz	2939	1210	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1524	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2056	1527	12.78	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3174	1132	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2187	1477	13.58	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1752	NA	NA
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Pentium B940 @ 2.00GHz	1723	1683	57.55	\$29.94*
Intel Pentium B950 @ 2.10GHz	1717	1685	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1623	37.81	\$48.99*
Intel Pentium B970 @ 2.30GHz	1959	1566	38.43	\$50.99*
Intel Pentium B980 @ 2.40GHz	2045	1530	29.25	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	966	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	535	2320	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2263	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2292	NA	NA
Intel Pentium D 940 @ 3.20GHz	709	2231	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2215	NA	NA
Intel Pentium D 960 @ 3.60GHz	817	2183	NA	NA
Intel Pentium E2140 @ 1.60GHz	868	2155	4.43	\$195.95
Intel Pentium E2160 @ 1.80GHz	997	2075	77.02	\$12.95
Intel Pentium E2180 @ 2.00GHz	1087	2020	83.95	\$12.95
Intel Pentium E2200 @ 2.20GHz	1203	1956	16.04	\$75.00
Intel Pentium E2210 @ 2.20GHz	1174	1967	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	1879	6.79	\$195.95
Intel Pentium E5200 @ 2.50GHz	1487	1806	7.59	\$195.95
Intel Pentium E5300 @ 2.60GHz	1539	1781	97.42	\$15.80
Intel Pentium E5400 @ 2.70GHz	1597	1759	79.90	\$19.99
Intel Pentium E5500 @ 2.80GHz	1640	1732	82.08	\$19.99
Intel Pentium E5700 @ 3.00GHz	1741	1674	116.17	\$14.99
Intel Pentium E5800 @ 3.20GHz	1901	1596	63.39	\$29.99
Intel Pentium E6300 @ 2.80GHz	1706	1694	3.02	\$565.00
Intel Pentium E6500 @ 2.93GHz	1761	1663	8.99	\$195.95
Intel Pentium E6600 @ 3.06GHz	1877	1612	18.78	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1945	1574	37.49	\$51.90
Intel Pentium E6800 @ 3.33GHz	1977	1558	39.56	\$49.99
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2138	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2096	NA	NA
Intel Pentium G620 @ 2.60GHz	2292	1430	91.72	\$24.99
Intel Pentium G620T @ 2.20GHz	2028	1536	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2372	1401	94.95	\$24.99
Intel Pentium G630T @ 2.30GHz	2122	1502	26.54	\$79.99*
Intel Pentium G640 @ 2.80GHz	2533	1343	101.38	\$24.99
Intel Pentium G640T @ 2.40GHz	1911	1588	NA	NA
Intel Pentium G645 @ 2.90GHz	2585	1325	27.22	\$95.00
Intel Pentium G645T @ 2.50GHz	2289	1433	NA	NA
Intel Pentium G840 @ 2.80GHz	2565	1334	73.33	\$34.99*
Intel Pentium G850 @ 2.90GHz	2668	1298	88.96	\$29.99
Intel Pentium G860 @ 3.00GHz	2748	1278	91.66	\$29.99
Intel Pentium G870 @ 3.10GHz	2827	1243	29.15	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2604	1317	74.65	\$34.89
Intel Pentium G2020 @ 2.90GHz	2764	1269	46.11	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2470	1366	51.90	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2875	1234	70.16	\$40.99
Intel Pentium G2030T @ 2.60GHz	2490	1360	38.91	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1257	NA	NA
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Pentium G2120 @ 3.10GHz	3081	1164	51.37	\$59.99
Intel Pentium G2130 @ 3.20GHz	3212	1122	64.26	\$49.99
Intel Pentium G2140 @ 3.30GHz	3384	1074	67.71	\$49.99
Intel Pentium G3220 @ 3.00GHz	3135	1149	39.20	\$79.99*
Intel Pentium G3220T @ 2.60GHz	2602	1319	37.18	\$69.99
Intel Pentium G3240 @ 3.10GHz	3172	1135	39.66	\$79.99
Intel Pentium G3240T @ 2.70GHz	2909	1220	NA	NA
Intel Pentium G3250 @ 3.20GHz	3257	1104	29.62	\$109.99
Intel Pentium G3250T @ 2.80GHz	2969	1198	33.00	\$89.99
Intel Pentium G3258 @ 3.20GHz	3893	948	21.84	\$178.28
Intel Pentium G3260 @ 3.30GHz	3379	1077	32.19	\$104.99
Intel Pentium G3260T @ 2.90GHz	2914	1217	32.39	\$89.99
Intel Pentium G3320TE @ 2.30GHz	2389	1395	NA	NA
Intel Pentium G3420 @ 3.20GHz	3406	1065	30.97	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1186	28.58	\$105.25*
Intel Pentium G3430 @ 3.30GHz	3395	1072	37.74	\$89.99
Intel Pentium G3440 @ 3.30GHz	3304	1095	20.66	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1159	NA	NA
Intel Pentium G3450 @ 3.40GHz	3703	999	37.04	\$99.99
Intel Pentium G3450T @ 2.90GHz	2967	1200	NA	NA
Intel Pentium G3460 @ 3.50GHz	3593	1020	12.47	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3706	997	35.54	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3565	1027	68.24	\$52.25
Intel Pentium G4400T @ 2.90GHz	3221	1117	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1232	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3788	973	49.53	\$76.48
Intel Pentium G4500T @ 3.00GHz	3471	1051	NA	NA
Intel Pentium G4520 @ 3.60GHz	4195	890	46.62	\$89.98
Intel Pentium G4560 @ 3.50GHz	4880	758	72.66	\$67.17*
Intel Pentium G4560T @ 2.90GHz	4047	915	40.48	\$99.99
Intel Pentium G4600 @ 3.60GHz	5105	717	58.07	\$87.91
Intel Pentium G4600T @ 3.00GHz	4238	883	32.60	\$129.99*
Intel Pentium G4620 @ 3.70GHz	5206	703	47.93	\$108.62*
Intel Pentium G6950 @ 2.80GHz	1856	1620	46.43	\$39.99
Intel Pentium G6951 @ 2.80GHz	2140	1492	22.77	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2101	1511	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5258	699	61.33	\$85.74
Intel Pentium Gold G5500 @ 3.80GHz	5291	696	52.74	\$100.32
Intel Pentium Gold G5500T @ 3.20GHz	4577	818	61.03	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5879	611	38.69	\$151.98
Intel Pentium III 933S @ 933MHz	238	2657	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2596	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2609	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2554	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2576	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2572	NA	NA
Intel Pentium III Mobile 750MHz	103	2743	NA	NA
Intel Pentium III Mobile 800MHz	182	2708	NA	NA
Intel Pentium III Mobile 866MHz	152	2725	NA	NA
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Pentium III Mobile 933MHz	218	2673	7.55	\$28.99
Intel Pentium III Mobile 1000MHz	245	2647	NA	NA
Intel Pentium III Mobile 1066MHz	246	2646	NA	NA
Intel Pentium III Mobile 1133MHz	251	2641	NA	NA
Intel Pentium III Mobile 1200MHz	262	2627	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1630	NA	NA
Intel Pentium J2900 @ 2.41GHz	1969	1562	NA	NA
Intel Pentium J3710 @ 1.60GHz	1954	1568	NA	NA
Intel Pentium J4205 @ 1.50GHz	2302	1427	NA	NA
Intel Pentium M 1.10GHz	282	2601	NA	NA
Intel Pentium M 1.20GHz	298	2573	NA	NA
Intel Pentium M 1.30GHz	301	2567	NA	NA
Intel Pentium M 1.40GHz	345	2518	NA	NA
Intel Pentium M 1.50GHz	366	2491	NA	NA
Intel Pentium M 1.60GHz	364	2496	NA	NA
Intel Pentium M 1.70GHz	406	2441	NA	NA
Intel Pentium M 1.73GHz	413	2430	NA	NA
Intel Pentium M 1.80GHz	409	2436	NA	NA
Intel Pentium M 1.86GHz	438	2408	NA	NA
Intel Pentium M 2.00GHz	464	2378	NA	NA
Intel Pentium M 2.10GHz	448	2395	NA	NA
Intel Pentium M 2.13GHz	510	2337	NA	NA
Intel Pentium M 2.26GHz	509	2339	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2364	NA	NA
Intel Pentium M 900MHz	217	2676	NA	NA
Intel Pentium M 1000MHz	233	2661	NA	NA
Intel Pentium M 1100MHz	259	2631	NA	NA
Intel Pentium M 1200MHz	237	2658	NA	NA
Intel Pentium M 1300MHz	303	2561	NA	NA
Intel Pentium M 1400MHz	321	2538	NA	NA
Intel Pentium M 1500MHz	354	2505	NA	NA
Intel Pentium M 1600MHz	332	2529	NA	NA
Intel Pentium M 1700MHz	376	2476	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1790	NA	NA
Intel Pentium N3520 @ 2.16GHz	1798	1650	NA	NA
Intel Pentium N3530 @ 2.16GHz	1897	1599	NA	NA
Intel Pentium N3540 @ 2.16GHz	1930	1579	7.70	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1835	1633	4.13	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1872	1615	NA	NA
Intel Pentium N4200 @ 1.10GHz	2013	1544	10.25	\$196.49
Intel Pentium P6000 @ 1.87GHz	1247	1935	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	1881	110.57	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1349	1870	30.03	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1850	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2987	1193	13.58	\$220.01
Intel Pentium SU2700 @ 1.30GHz	407	2439	NA	NA
Intel Pentium SU4100 @ 1.30GHz	861	2158	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2168	NA	NA
Intel Pentium T2060 @ 1.60GHz	662	2252	NA	NA
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Pentium T2080 @ 1.73GHz	706	2233	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2230	NA	NA
Intel Pentium T2310 @ 1.46GHz	730	2220	NA	NA
Intel Pentium T2330 @ 1.60GHz	836	2174	NA	NA
Intel Pentium T2370 @ 1.73GHz	842	2170	24.08	\$35.00*
Intel Pentium T2390 @ 1.86GHz	940	2116	NA	NA
Intel Pentium T2410 @ 2.00GHz	996	2076	NA	NA
Intel Pentium T3200 @ 2.00GHz	1032	2049	86.05	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1114	1998	12.39	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1148	1987	95.68	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1235	1938	NA	NA
Intel Pentium T4400 @ 2.20GHz	1283	1909	NA	NA
Intel Pentium T4500 @ 2.30GHz	1336	1877	NA	NA
Intel Pentium U5400 @ 1.20GHz	822	2180	NA	NA
Intel Pentium U5600 @ 1.33GHz	943	2114	NA	NA
Intel T1200 @ 1.50GHz	435	2415	NA	NA
Intel T1400 @ 1.73GHz	929	2124	NA	NA
Intel T1500 @ 1.86GHz	940	2117	NA	NA
Intel T2050 @ 2.00GHz	959	2105	NA	NA
Intel Xeon 2.00GHz	233	2660	NA	NA
Intel XEON 2.20GHz	252	2638	NA	NA
Intel Xeon 2.40GHz	276	2612	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2414	NA	NA
Intel Xeon 2.80GHz	400	2452	NA	NA
Intel Xeon 3.00GHz	391	2464	NA	NA
Intel Xeon 3.06GHz	491	2347	NA	NA
Intel Xeon 3.20GHz	461	2383	NA	NA
Intel Xeon 3.40GHz	478	2367	NA	NA
Intel Xeon 3.60GHz	509	2338	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2045	NA	NA
Intel Xeon 3.80GHz	604	2282	0.71	\$851.00*
Intel Xeon 1500MHz	193	2697	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1908	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1311	1889	8.30	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1791	9.62	\$157.95*
Intel Xeon 3065 @ 2.33GHz	1504	1801	71.99	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1776	1657	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1629	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1772	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2029	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	1932	0.76	\$1,644.85
Intel Xeon 5130 @ 2.00GHz	1378	1853	35.89	\$38.40*
Intel Xeon 5133 @ 2.20GHz	1598	1758	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1734	50.57	\$32.42*
Intel Xeon 5148 @ 2.33GHz	1590	1762	39.78	\$39.99*
Intel Xeon 5150 @ 2.66GHz	1747	1670	3.83	\$455.95*
Intel Xeon 5160 @ 3.00GHz	1964	1564	54.88	\$35.80*
Intel Xeon @ 2.20GHz	1902	1595	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5446	669	21.53	\$252.99
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Xeon D-1518 @ 2.20GHz	5322	690	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	628	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	510	NA	NA
Intel Xeon D-1528 @ 1.90GHz	7946	423	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	281	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	441	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	219	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11056	199	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	411	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14693	110	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13950	130	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8095	408	38.01	\$213.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	133	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18252	51	10.35	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6073	593	16.46	\$369.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6687	535	20.32	\$329.10
Intel Xeon E3-1220 v3 @ 3.10GHz	7088	497	28.71	\$246.91
Intel Xeon E3-1220 v5 @ 3.00GHz	7745	438	31.40	\$246.66
Intel Xeon E3-1220 v6 @ 3.00GHz	8055	410	37.47	\$214.99
Intel Xeon E3-1220L @ 2.20GHz	3563	1029	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	845	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1508	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5924	608	33.85	\$175.00
Intel Xeon E3-1225 V2 @ 3.20GHz	6846	519	24.19	\$283.00
Intel Xeon E3-1225 v3 @ 3.20GHz	7199	486	15.71	\$458.34*
Intel Xeon E3-1225 v5 @ 3.30GHz	7795	432	31.40	\$248.31
Intel Xeon E3-1225 v6 @ 3.30GHz	8294	391	35.30	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7549	454	11.83	\$638.00
Intel Xeon E3-1230 @ 3.20GHz	7848	429	36.50	\$215.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8857	352	24.61	\$359.95
Intel Xeon E3-1230 v3 @ 3.30GHz	9327	313	35.65	\$261.66*
Intel Xeon E3-1230 v5 @ 3.40GHz	9762	277	32.56	\$299.80*
Intel Xeon E3-1230 v6 @ 3.50GHz	9947	262	36.84	\$269.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	484	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9624	288	20.05	\$479.97*
Intel Xeon E3-1235 @ 3.20GHz	7680	445	31.48	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	557	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7958	422	32.62	\$244.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9152	324	16.95	\$539.95
Intel Xeon E3-1240 v3 @ 3.40GHz	9684	286	25.19	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10407	225	30.46	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10148	246	35.00	\$289.99
Intel Xeon E3-1240L v3 @ 2.00GHz	7510	459	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	434	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10021	257	12.93	\$775.00
Intel Xeon E3-1245 @ 3.30GHz	8048	415	31.56	\$255.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9122	328	15.01	\$607.59
Intel Xeon E3-1245 v3 @ 3.40GHz	9574	290	28.16	\$339.95*
Intel Xeon E3-1245 v5 @ 3.50GHz	10238	235	29.65	\$345.31*
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Xeon E3-1245 v6 @ 3.70GHz	10523	220	33.95	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9892	266	11.92	\$830.00
Intel Xeon E3-1260L @ 2.40GHz	6534	550	69.37	\$94.20
Intel Xeon E3-1260L v5 @ 2.90GHz	10083	251	23.34	\$432.00
Intel Xeon E3-1265L @ 2.40GHz	6038	596	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7785	435	54.67	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	8722	362	12.29	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	334	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	428	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	366	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8240	394	25.99	\$317.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9474	298	32.99	\$287.21
Intel Xeon E3-1270 v3 @ 3.50GHz	9879	269	26.70	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10320	229	28.08	\$367.48
Intel Xeon E3-1270 v6 @ 3.80GHz	11115	192	31.76	\$349.99
Intel Xeon E3-1271 v3 @ 3.60GHz	10071	253	21.71	\$464.00
Intel Xeon E3-1275 @ 3.40GHz	8348	387	27.46	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9339	311	38.92	\$239.99*
Intel Xeon E3-1275 v3 @ 3.50GHz	9884	268	24.65	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10372	227	19.21	\$540.00
Intel Xeon E3-1275 v6 @ 3.80GHz	11091	197	30.14	\$367.99
Intel Xeon E3-1275L v3 @ 2.70GHz	8827	356	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10225	237	8.15	\$1,254.00
Intel Xeon E3-1280 @ 3.50GHz	8473	380	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	280	13.98	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	215	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	187	NA	NA
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	216	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11689	184	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	190	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	264	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	10129	247	13.09	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	365	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9749	279	11.02	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	498	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8904	349	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9889	267	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	222	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9302	315	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10618	217	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10442	224	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10724	212	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10743	211	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10689	213	24.02	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	477	NA	NA
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	466	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5543	654	33.60	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6165	583	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6420	567	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5850	617	266.07	\$21.99*
Intel Xeon E5-1607 v2 @ 3.00GHz	6189	580	19.77	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6931	514	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	482	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9067	333	27.48	\$329.93
Intel Xeon E5-1620 v2 @ 3.70GHz	9484	296	28.83	\$329.00*
Intel Xeon E5-1620 v3 @ 3.50GHz	9755	278	27.20	\$358.70*
Intel Xeon E5-1620 v4 @ 3.50GHz	9975	261	32.60	\$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	11755	182	67.17	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12695	160	19.68	\$644.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13609	142	20.50	\$663.97
Intel Xeon E5-1650 v4 @ 3.60GHz	14246	122	22.61	\$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	14423	118	8.92	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16192	81	NA	NA
Intel Xeon E5-1680 v2 @ 3.00GHz	16345	76	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16633	70	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	62	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	52	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1039	10.84	\$324.97*
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1062	15.34	\$222.84*
Intel Xeon E5-2407 @ 2.20GHz	3872	953	11.56	\$335.04
Intel Xeon E5-2407 v2 @ 2.40GHz	4575	819	9.61	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	704	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	502	18.06	\$390.02
Intel Xeon E5-2420 v2 @ 2.20GHz	8607	373	14.84	\$579.95*
Intel Xeon E5-2430 @ 2.20GHz	6878	518	9.44	\$728.95
Intel Xeon E5-2430 v2 @ 2.50GHz	8833	355	36.06	\$244.96
Intel Xeon E5-2430L @ 2.00GHz	7269	481	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	541	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	322	152.80	\$60.07*
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	303	18.48	\$509.95
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	343	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	242	14.10	\$722.22*
Intel Xeon E5-2450L @ 1.80GHz	8261	393	63.55	\$130.00
Intel Xeon E5-2470 @ 2.30GHz	10061	254	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	1025	128.62	\$27.84*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	979	100.97	\$37.30
Intel Xeon E5-2603 v3 @ 1.60GHz	5165	708	14.43	\$357.85
Intel Xeon E5-2603 v4 @ 1.70GHz	5451	667	23.70	\$229.99*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	427	17.82	\$441.00*
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Xeon E5-2609 @ 2.40GHz	4608	810	59.08	\$78.00
Intel Xeon E5-2609 v2 @ 2.50GHz	5125	713	18.37	\$279.00
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	604	13.26	\$448.02*
Intel Xeon E5-2609 v4 @ 1.70GHz	6920	516	20.10	\$344.40
Intel Xeon E5-2618L v3 @ 2.30GHz	12508	165	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	114	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7935	425	73.18	\$108.45
Intel Xeon E5-2620 v2 @ 2.10GHz	8694	367	23.85	\$364.64
Intel Xeon E5-2620 v3 @ 2.40GHz	9987	260	14.06	\$710.54*
Intel Xeon E5-2620 v4 @ 2.10GHz	11354	188	24.65	\$460.55
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	348	22.07	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8188	400	14.91	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	307	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	179	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13268	149	9.73	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	200	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8859	351	69.14	\$128.14
Intel Xeon E5-2630 v2 @ 2.60GHz	10403	226	65.43	\$159.00
Intel Xeon E5-2630 v3 @ 2.40GHz	12803	158	23.89	\$535.99
Intel Xeon E5-2630 v4 @ 2.20GHz	13905	131	19.59	\$709.95
Intel Xeon E5-2630L @ 2.00GHz	8001	420	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9780	275	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	305	5.70	\$1,649.22*
Intel Xeon E5-2637 v3 @ 3.50GHz	10128	248	7.82	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	223	9.79	\$1,069.07
Intel Xeon E5-2640 @ 2.50GHz	9500	294	88.55	\$107.29
Intel Xeon E5-2640 v2 @ 2.00GHz	9904	263	77.89	\$127.15
Intel Xeon E5-2640 v3 @ 2.60GHz	14070	128	9.09	\$1,547.27*
Intel Xeon E5-2640 v4 @ 2.40GHz	15331	98	15.80	\$970.36
Intel Xeon E5-2643 @ 3.30GHz	8424	383	3.16	\$2,663.00*
Intel Xeon E5-2643 v2 @ 3.50GHz	12824	156	4.85	\$2,641.75*
Intel Xeon E5-2643 v3 @ 3.40GHz	13801	135	8.30	\$1,663.18
Intel Xeon E5-2643 v4 @ 3.40GHz	13618	141	8.30	\$1,639.99
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	186	8.39	\$1,358.51
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	245	77.68	\$130.81
Intel Xeon E5-2650 v2 @ 2.60GHz	13065	151	39.35	\$332.00
Intel Xeon E5-2650 v3 @ 2.30GHz	14845	107	7.39	\$2,009.92*
Intel Xeon E5-2650 v4 @ 2.20GHz	15860	88	12.40	\$1,279.07
Intel Xeon E5-2650L @ 1.80GHz	8676	369	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*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	189	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	80	NA	NA
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	68	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11093	196	64.67	\$171.54
Intel Xeon E5-2660 v2 @ 2.20GHz	13309	147	43.59	\$305.34
Intel Xeon E5-2660 v3 @ 2.60GHz	16151	83	10.57	\$1,527.99
Intel Xeon E5-2660 v4 @ 2.00GHz	17069	63	11.46	\$1,489.99
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	129	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11776	181	83.23	\$141.50*
Intel Xeon E5-2667 @ 2.90GHz	10327	228	45.70	\$226.00*
Intel Xeon E5-2667 v2 @ 3.30GHz	16163	82	21.17	\$763.56
Intel Xeon E5-2667 v3 @ 3.20GHz	16119	84	7.13	\$2,259.95*
Intel Xeon E5-2667 v4 @ 3.20GHz	16374	75	7.13	\$2,297.07
Intel Xeon E5-2670 @ 2.60GHz	12184	174	59.28	\$205.56
Intel Xeon E5-2670 v2 @ 2.50GHz	14994	106	30.66	\$489.00
Intel Xeon E5-2670 v3 @ 2.30GHz	16619	71	9.73	\$1,708.89
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	78	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	58	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	15737	91	32.60	\$482.81
Intel Xeon E5-2680 v3 @ 2.50GHz	18616	45	9.27	\$2,008.95
Intel Xeon E5-2680 v4 @ 2.40GHz	19867	37	11.27	\$1,762.90*
Intel Xeon E5-2682 v4 @ 2.50GHz	15333	97	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17396	60	8.76	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	43	10.77	\$1,769.00
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	105	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	42	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14381	120	23.62	\$609.00
Intel Xeon E5-2687W v2 @ 3.40GHz	16487	72	4.44	\$3,713.55*
Intel Xeon E5-2687W v3 @ 3.10GHz	17718	56	5.89	\$3,009.95*
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	32.70	\$423.82
Intel Xeon E5-2690 v2 @ 3.00GHz	16480	73	27.98	\$589.00*
Intel Xeon E5-2690 v3 @ 2.60GHz	19281	41	8.69	\$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	85	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15847	89	4.41	\$3,593.22*
Intel Xeon E5-2695 v3 @ 2.30GHz	20296	31	10.10	\$2,009.99
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	32	8.15	\$2,484.97
Intel Xeon E5-2696 v2 @ 2.50GHz	16681	69	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22548	16	9.03	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21331	27	7.09	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17455	59	7.81	\$2,235.02
Intel Xeon E5-2697 v3 @ 2.60GHz	21488	25	8.07	\$2,661.90
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	23	7.67	\$2,805.00
Intel Xeon E5-2697A v4 @ 2.60GHz	21875	21	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21133	29	6.17	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	22	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	737	2.65	\$1,890.99*
Intel Xeon E5-4617 @ 2.90GHz	8684	368	96.60	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	404	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	94	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	221	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	159	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	195	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	12085	176	126.56	\$95.49
Intel Xeon E5-4650L @ 2.60GHz	11821	180	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	93	3.24	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	140	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1152	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2165	1483	8.73	\$248.00*
Intel Xeon E3113 @ 3.00GHz	2427	1382	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1457	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1841	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1383	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1447	126.39	\$17.92*
Intel Xeon E5320 @ 1.86GHz	2288	1434	8.48	\$269.95
Intel Xeon E5335 @ 2.00GHz	2513	1350	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2923	1214	73.12	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2856	1238	10.20	\$279.95*
Intel Xeon E5410 @ 2.33GHz	3265	1101	15.78	\$207.01*
Intel Xeon E5420 @ 2.50GHz	3504	1042	17.25	\$203.22*
Intel Xeon E5430 @ 2.66GHz	3777	976	104.92	\$36.00*
Intel Xeon E5440 @ 2.83GHz	3983	930	34.05	\$116.98*
Intel Xeon E5450 @ 3.00GHz	4206	888	92.44	\$45.50*
Intel Xeon E5462 @ 2.80GHz	3884	950	142.28	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4139	902	75.54	\$54.80*
Intel Xeon E5502 @ 1.87GHz	1378	1852	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1845	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2702	1290	178.24	\$15.16*
Intel Xeon E5506 @ 2.13GHz	2977	1196	43.16	\$69.00*
Intel Xeon E5507 @ 2.27GHz	3137	1147	6.87	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4447	838	273.85	\$16.24*
Intel Xeon E5530 @ 2.40GHz	4605	811	178.52	\$25.80*
Intel Xeon E5540 @ 2.53GHz	4758	781	120.78	\$39.40*
Intel Xeon E5603 @ 1.60GHz	2366	1405	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3049	1175	13.92	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3398	1070	10.96	\$310.00*
Intel Xeon E5620 @ 2.40GHz	4860	761	67.23	\$72.29
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Xeon E5630 @ 2.53GHz	5109	715	89.25	\$57.25*
Intel Xeon E5640 @ 2.67GHz	5263	698	84.21	\$62.50*
Intel Xeon E5645 @ 2.40GHz	6498	553	60.18	\$107.98
Intel Xeon E5649 @ 2.53GHz	6936	512	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1387	NA	NA
Intel Xeon E-2146G @ 3.50GHz	16300	79	52.41	\$311.00*
Intel Xeon E-2176M @ 2.70GHz	14092	127	31.32	\$450.00*
Intel Xeon E-2186M @ 2.90GHz	14824	108	23.79	\$623.00*
Intel Xeon Gold 5120 @ 2.20GHz	15110	103	9.68	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	54	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	11104	194	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	8.17	\$1,838.75*
Intel Xeon Gold 6130 @ 2.10GHz	20222	33	10.37	\$1,949.99
Intel Xeon Gold 6132 @ 2.60GHz	23907	13	10.71	\$2,232.81*
Intel Xeon Gold 6134 @ 3.20GHz	18083	55	7.47	\$2,421.90
Intel Xeon Gold 6136 @ 3.00GHz	21018	30	7.90	\$2,660.00*
Intel Xeon Gold 6138 @ 2.00GHz	25416	7	9.66	\$2,629.99
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	27789	2	7.84	\$3,543.00*
Intel Xeon L3110 @ 3.00GHz	2273	1444	NA	NA
Intel Xeon L3360 @ 2.83GHz	3820	963	42.81	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1875	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	958	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1639	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1445	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1443	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1494	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1274	72.15	\$38.20*
Intel Xeon L5408 @ 2.13GHz	3037	1179	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1080	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3498	1043	162.12	\$21.58*
Intel Xeon L5430 @ 2.66GHz	3716	992	23.53	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	993	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	852	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	862	311.73	\$13.96*
Intel Xeon L5630 @ 2.13GHz	4369	857	252.11	\$17.33*
Intel Xeon L5638 @ 2.00GHz	5556	652	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	521	NA	NA
Intel Xeon L5640 @ 2.27GHz	6425	566	184.89	\$34.75*
Intel Xeon L7455 @ 2.13GHz	3836	959	NA	NA
Intel Xeon MV 3.20GHz	683	2246	NA	NA
Intel Xeon Platinum 8173M @ 2.00GHz	28860	1	NA	NA
Intel Xeon Silver 4109T @ 2.00GHz	10854	206	21.67	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11659	185	21.59	\$539.99
Intel Xeon Silver 4112 @ 2.60GHz	8548	376	16.15	\$529.21*
Intel Xeon Silver 4114 @ 2.20GHz	14480	117	19.19	\$754.72*
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Xeon Silver 4116 @ 2.10GHz	15131	101	13.50	\$1,121.16*
Intel Xeon W3503 @ 2.40GHz	1754	1667	108.16	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1858	1619	NA	NA
Intel Xeon W3520 @ 2.67GHz	5059	729	12.34	\$409.95*
Intel Xeon W3530 @ 2.80GHz	5361	684	18.24	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	662	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5706	633	271.87	\$20.99*
Intel Xeon W3565 @ 3.20GHz	5943	603	84.97	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6084	591	12.68	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6433	562	29.99	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8152	402	14.43	\$565.00*
Intel Xeon W3680 @ 3.33GHz	9098	331	19.78	\$459.95*
Intel Xeon W3690 @ 3.47GHz	9182	321	4.06	\$2,260.61*
Intel Xeon W5580 @ 3.20GHz	5836	618	56.19	\$103.88*
Intel Xeon W5590 @ 3.33GHz	6183	581	2.46	\$2,508.95
Intel Xeon W-2102 @ 2.90GHz	7001	508	20.72	\$337.99*
Intel Xeon W-2123 @ 3.60GHz	10768	208	33.13	\$325.03*
Intel Xeon W-2125 @ 4.00GHz	12414	168	27.96	\$444.00*
Intel Xeon W-2133 @ 3.60GHz	14164	124	22.96	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16389	74	17.57	\$932.79*
Intel Xeon W-2140B @ 3.20GHz	18438	50	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19816	38	15.30	\$1,294.94*
Intel Xeon W-2150B @ 3.00GHz	21522	24	NA	NA
Intel Xeon W-2155 @ 3.30GHz	22261	18	14.55	\$1,530.39*
Intel Xeon W-2195 @ 2.30GHz	24983	10	9.17	\$2,725.06*
Intel Xeon X3210 @ 2.13GHz	2737	1282	14.74	\$185.71
Intel Xeon X3220 @ 2.40GHz	3091	1160	53.30	\$57.99*
Intel Xeon X3230 @ 2.66GHz	3431	1059	9.53	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3335	1089	14.53	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3161	1140	44.53	\$70.99*
Intel Xeon X3330 @ 2.66GHz	3375	1078	16.08	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3847	956	64.14	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3881	951	52.81	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3956	935	25.05	\$157.95*
Intel Xeon X3363 @ 2.83GHz	4014	923	25.42	\$157.95*
Intel Xeon X3370 @ 3.00GHz	4289	873	11.69	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	796	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3371	1079	16.86	\$200.00
Intel Xeon X3440 @ 2.53GHz	4551	824	20.23	\$225.00
Intel Xeon X3450 @ 2.67GHz	4850	767	60.66	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5117	714	14.33	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5156	709	10.11	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	639	NA	NA
Intel Xeon X5260 @ 3.33GHz	2453	1372	17.62	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2535	1342	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1394	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3218	1121	50.29	\$64.00*
Intel Xeon X5365 @ 3.00GHz	3491	1044	35.09	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4131	905	68.90	\$59.96
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Xeon X5460 @ 3.16GHz	4342	863	49.29	\$88.11
Intel Xeon X5470 @ 3.33GHz	4611	809	15.69	\$293.87*
Intel Xeon X5472 @ 3.00GHz	4040	917	17.96	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4569	820	41.56	\$109.95
Intel Xeon X5492 @ 3.40GHz	4829	770	3.47	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5404	677	312.95	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5399	678	96.61	\$55.89*
Intel Xeon X5570 @ 2.93GHz	5679	637	23.67	\$239.95
Intel Xeon X5647 @ 2.93GHz	5980	600	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7425	467	148.51	\$50.00
Intel Xeon X5660 @ 2.80GHz	7637	448	60.95	\$125.30
Intel Xeon X5667 @ 3.07GHz	4722	785	67.47	\$70.00*
Intel Xeon X5670 @ 2.93GHz	7939	424	66.04	\$120.23
Intel Xeon X5672 @ 3.20GHz	6438	559	22.69	\$283.72*
Intel Xeon X5675 @ 3.07GHz	8479	379	20.74	\$408.95
Intel Xeon X5677 @ 3.47GHz	6921	515	35.04	\$197.50
Intel Xeon X5679 @ 3.20GHz	8845	354	NA	NA
Intel Xeon X5680 @ 3.33GHz	8571	375	50.82	\$168.67
Intel Xeon X5687 @ 3.60GHz	7091	495	67.54	\$105.00
Intel Xeon X5690 @ 3.47GHz	8944	347	52.63	\$169.96
Intel Xeon X5698 @ 4.40GHz	4272	874	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1195	NA	NA
Mobile AMD Athlon 4	314	2547	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2501	NA	NA
Mobile AMD Athlon 64 2700+	398	2454	NA	NA
Mobile AMD Athlon 64 2800+	440	2403	NA	NA
Mobile AMD Athlon 64 3000+	450	2393	NA	NA
Mobile AMD Athlon 64 3200+	448	2396	NA	NA
Mobile AMD Athlon 64 3400+	511	2335	NA	NA
Mobile AMD Athlon 64 3700+	435	2416	NA	NA
Mobile AMD Athlon 64 4000+	576	2295	NA	NA
Mobile AMD Athlon 1400+	266	2623	NA	NA
Mobile AMD Athlon 2500+	370	2485	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2624	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2473	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2579	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2346	NA	NA
Mobile AMD Athlon XP	572	2301	47.72	\$11.99
Mobile AMD Athlon XP-M	512	2334	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2706	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2628	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2632	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2535	NA	NA
Mobile AMD Athlon XP-M 1800+	312	2551	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2521	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2568	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2495	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2517	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2514	NA	NA
CPU Name		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)
Passmark CPU Mark (higher is better)				
Mobile AMD Athlon XP-M 2600+	370	2484	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2493	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2492	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2406	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2354	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2340	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2586	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2578	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2526	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2482	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2371	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2341	NA	NA
Mobile AMD Sempron 2100+	252	2639	NA	NA
Mobile AMD Sempron 2600+	394	2459	NA	NA
Mobile AMD Sempron 2800+	358	2502	NA	NA
Mobile AMD Sempron 3000+	389	2467	NA	NA
Mobile AMD Sempron 3100+	416	2427	NA	NA
Mobile AMD Sempron 3200+	354	2506	NA	NA
Mobile AMD Sempron 3300+	445	2399	NA	NA
Mobile AMD Sempron 3400+	440	2404	NA	NA
Mobile AMD Sempron 3500+	411	2432	NA	NA
Mobile AMD Sempron 3600+	431	2420	NA	NA
Mobile AMD Sempron 3800+	485	2359	NA	NA
Mobile Intel Celeron 1.20GHz	170	2716	NA	NA
Mobile Intel Celeron 1.50GHz	188	2700	NA	NA
Mobile Intel Celeron 1.60GHz	188	2701	NA	NA
Mobile Intel Celeron 1.70GHz	181	2709	NA	NA
Mobile Intel Celeron 1.80GHz	186	2703	NA	NA
Mobile Intel Celeron 2.00GHz	204	2686	NA	NA
Mobile Intel Celeron 2.20GHz	226	2667	NA	NA
Mobile Intel Celeron 2.40GHz	239	2655	NA	NA
Mobile Intel Celeron 2.50GHz	281	2604	NA	NA
Mobile Intel Celeron 1200MHz	294	2580	NA	NA
Mobile Intel Celeron 1333MHz	309	2555	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2611	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2626	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2608	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2545	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2524	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2503	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2407	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2368	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2695	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2715	0.90	\$191.97
Mobile Intel Pentium 4 - M 1.80GHz	175	2712	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2662	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2690	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2692	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2678	NA	NA
CPU Name		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)
Passmark CPU Mark (higher is better)				
Mobile Intel Pentium 4 - M 2.50GHz	256	2634	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2548	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2680	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2691	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2643	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2584	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2668	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2585	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1357	NA	NA
Quad-Core AMD Opteron 1385	3442	1057	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3427	1060	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1213	NA	NA
VIA C3 Ezra	100	2744	NA	NA
VIA C7 1500MHz	284	2598	NA	NA
VIA C7-D 1500MHz	287	2592	NA	NA
VIA C7-D 1800MHz	203	2687	NA	NA
VIA C7-D 2000MHz	368	2488	NA	NA
VIA C7-M 1000MHz	164	2718	NA	NA
VIA C7-M 1200MHz	140	2731	NA	NA
VIA C7-M 1600MHz	178	2711	NA	NA
VIA C7-M 6300MHz	222	2670	NA	NA
VIA Eden 800MHz	155	2722	NA	NA
VIA Eden 1000MHz	123	2739	NA	NA
VIA Eden 1200MHz	142	2730	NA	NA
VIA Eden C1050@1.06GHz	352	2509	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2366	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	1989	NA	NA
VIA Esther 1000MHz	146	2729	NA	NA
VIA Esther 1300MHz	250	2642	NA	NA
VIA Esther 1500MHz	219	2672	NA	NA
VIA Esther 2000MHz	394	2458	NA	NA
VIA Nano L1900@1400MHz	457	2386	NA	NA
VIA Nano L2007@1600MHz	369	2486	NA	NA
VIA Nano L2100@1800MHz	428	2422	NA	NA
VIA Nano L2207@1600MHz	296	2577	NA	NA
VIA Nano L3025@1600MHz	517	2329	NA	NA
VIA Nano L3050@1800MHz	581	2294	NA	NA
VIA Nano L3600@2000MHz	645	2260	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2475	NA	NA
VIA Nano U2250@1300+MHz	274	2615	NA	NA
VIA Nano U2500@1200MHz	306	2559	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2343	NA	NA
VIA Nano U3300@1200MHz	409	2435	NA	NA
VIA Nano U3500@1000MHz	275	2613	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2280	NA	NA
VIA Nehemiah	155	2723	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1600	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1861	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1968	NA	NA
CPU Name		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)
Passmark CPU Mark (higher is better)				
VIA Samuel 2	79	2746	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	272	24.17	\$317.40*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	109	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	373	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	379	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	425	NA	NA
[Dual CPU] AMD EPYC 7281	12720	160	9.09	\$1,399.98
[Dual CPU] AMD EPYC 7401	23518	55	5.79	\$4,061.98
[Dual CPU] AMD EPYC 7451	28957	25	5.45	\$5,309.98
[Dual CPU] AMD EPYC 7501	23727	53	3.01	\$7,875.04
[Dual CPU] AMD EPYC 7551	30966	18	4.10	\$7,553.98
[Dual CPU] AMD EPYC 7601	33545	10	3.82	\$8,779.24
[Dual CPU] AMD Opteron 246	1130	414	28.26	\$39.98
[Dual CPU] AMD Opteron 248	1053	415	4.79	\$219.90
[Dual CPU] AMD Opteron 250	1438	411	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1385	412	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	420	NA	NA
[Dual CPU] AMD Opteron 256	1853	408	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	406	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	402	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	405	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	397	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	388	NA	NA
[Dual CPU] AMD Opteron 290	2807	385	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	382	NA	NA
[Dual CPU] AMD Opteron 2212	2203	403	91.79	\$24.00*
[Dual CPU] AMD Opteron 2214	2344	398	40.41	\$58.00
[Dual CPU] AMD Opteron 2214 HE	2463	396	NA	NA
[Dual CPU] AMD Opteron 2216	2485	394	6.98	\$356.00*
[Dual CPU] AMD Opteron 2216 HE	2593	391	NA	NA
[Dual CPU] AMD Opteron 2218	2719	389	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	392	NA	NA
[Dual CPU] AMD Opteron 2220	2850	383	0.97	\$2,950.32*
[Dual CPU] AMD Opteron 2220 SE	2882	381	57.64	\$50.00
[Dual CPU] AMD Opteron 2222	3008	376	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	371	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	361	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	368	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	362	7.55	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	350	6.88	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	353	148.53	\$29.90

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2360 SE	5315	333	98.43	\$54.00
[Dual CPU] AMD Opteron 2373 EE	4164	359	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	346	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	334	15.70	\$333.60*
[Dual CPU] AMD Opteron 2378	5559	328	15.53	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	320	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	317	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6312	306	NA	NA
[Dual CPU] AMD Opteron 2389	5677	321	48.11	\$118.00
[Dual CPU] AMD Opteron 2419	5191	336	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	309	NA	NA
[Dual CPU] AMD Opteron 2427	5980	315	30.20	\$198.00
[Dual CPU] AMD Opteron 2431	6438	301	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7068	286	29.35	\$240.80*
[Dual CPU] AMD Opteron 2439 SE	8071	259	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	363	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	323	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	304	63.44	\$100.00
[Dual CPU] AMD Opteron 4180	6367	303	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7848	265	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	258	80.90	\$99.98
[Dual CPU] AMD Opteron 4228 HE	7986	260	NA	NA
[Dual CPU] AMD Opteron 4234	9361	226	20.35	\$459.98
[Dual CPU] AMD Opteron 4276 HE	9681	220	NA	NA
[Dual CPU] AMD Opteron 4280	4525	351	45.26	\$99.98
[Dual CPU] AMD Opteron 4284	8772	240	73.11	\$119.98
[Dual CPU] AMD Opteron 4334	9456	225	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	198	21.71	\$479.98
[Dual CPU] AMD Opteron 4376 HE	10244	205	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	188	40.57	\$279.98
[Dual CPU] AMD Opteron 6128	6881	291	163.91	\$41.98
[Dual CPU] AMD Opteron 6128 HE	5582	326	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	243	NA	NA
[Dual CPU] AMD Opteron 6136	7255	280	10.10	\$718.00
[Dual CPU] AMD Opteron 6164 HE	5109	339	NA	NA
[Dual CPU] AMD Opteron 6168	7741	269	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7623	273	38.50	\$198.00
[Dual CPU] AMD Opteron 6174	8776	239	20.90	\$419.96
[Dual CPU] AMD Opteron 6176 SE	8448	247	15.30	\$552.06
[Dual CPU] AMD Opteron 6180 SE	3114	374	NA	NA
[Dual CPU] AMD Opteron 6204	7134	283	50.96	\$139.98
[Dual CPU] AMD Opteron 6212	8955	232	149.30	\$59.98
[Dual CPU] AMD Opteron 6220	10740	194	89.51	\$119.98
[Dual CPU] AMD Opteron 6234	10079	209	72.00	\$139.98*
[Dual CPU] AMD Opteron 6238	10349	201	86.26	\$119.98
[Dual CPU] AMD Opteron 6272	9998	212	100.00	\$99.98
[Dual CPU] AMD Opteron 6274	10682	195	25.43	\$420.00*
[Dual CPU] AMD Opteron 6275	9936	215	NA	NA
[Dual CPU] AMD Opteron 6276	10194	207	63.72	\$159.98
[Dual CPU] AMD Opteron 6284 SE	11985	174	17.12	\$699.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6308	8351	250	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10914	192	27.29	\$399.98
[Dual CPU] AMD Opteron 6328	11722	178	29.31	\$399.98
[Dual CPU] AMD Opteron 6344	11203	189	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	185	28.53	\$399.98
[Dual CPU] AMD Opteron 6376	10405	199	16.84	\$617.78
[Dual CPU] AMD Opteron 6378	2905	380	7.26	\$399.98
[Dual CPU] AMD Opteron 6380	14200	147	71.01	\$199.98
[Dual CPU] AMD Opteron 6386 SE	10764	193	35.88	\$299.98
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	384	67.40	\$42.00
[Dual CPU] AMD Opteron 8220	2510	393	NA	NA
[Dual CPU] AMD Opteron 8222 SE	2793	387	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	372	73.25	\$44.00
[Dual CPU] AMD Opteron 8380	5643	324	13.70	\$412.00*
[Dual CPU] AMD Opteron 8381 HE	5210	335	NA	NA
[Dual CPU] AMD Opteron 8389	6517	298	155.24	\$41.98*
[Dual CPU] AMD Opteron 8431	5813	318	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6781	294	34.25	\$197.98*
[Dual CPU] AMD Opteron 8439 SE	7691	271	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	413	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	400	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	367	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7955	261	2.20	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	434	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	432	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	428	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	430	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	435	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	436	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	433	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	431	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	426	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	687	422	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	784	421	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	424	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	857	419	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	893	418	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	926	417	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	407	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	416	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2154	404	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	399	0.70	\$3,289.70
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2615	390	34.05	\$76.80*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	375	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2983	378	46.01	\$64.84*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	377	37.50	\$79.98*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3449	369	3.78	\$911.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3834	365	53.55	\$71.60*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8987	230	17.76	\$505.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11646	180	16.64	\$699.98*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	310	9.55	\$649.94*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	307	14.14	\$445.68*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7518	275	11.22	\$670.08
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	229	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11628	182	14.91	\$780.04
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11725	177	10.11	\$1,159.90*
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	252	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	14265	145	29.12	\$489.92
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	186	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	165	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	159	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	119	NA	NA
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11835	175	45.52	\$260.00
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	118	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	102	4.13	\$4,500.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6326	305	113.61	\$55.68*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	297	87.40	\$74.60
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8374	248	11.70	\$715.70
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8785	238	19.10	\$459.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8223	255	52.71	\$156.00
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8844	235	15.85	\$558.00
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9984	213	11.14	\$896.04*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10992	191	15.96	\$688.80
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12416	164	57.24	\$216.90
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13454	157	18.45	\$729.28
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15289	134	10.76	\$1,421.08*
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16487	120	17.90	\$921.10
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14251	146	17.59	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12208	169	11.12	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	142	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13621	154	53.15	\$256.28
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16054	125	50.48	\$318.00
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18538	103	17.29	\$1,071.98
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18857	101	13.28	\$1,419.90
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	190	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	135	10.10	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	278	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	16019	127	4.86	\$3,298.44*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16437	121	6.34	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16678	117	7.80	\$2,138.14
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14708	138	68.54	\$214.58
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14453	143	56.83	\$254.30
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20526	88	6.63	\$3,094.54*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20799	84	10.72	\$1,940.72
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13598	156	2.55	\$5,326.00*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21298	77	4.03	\$5,283.50*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21083	80	6.34	\$3,326.36
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21633	72	6.60	\$3,279.98
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	168	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	11808	176	3.99	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	108	6.66	\$2,717.02
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15001	136	57.34	\$261.62
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19014	100	28.64	\$664.00
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20530	87	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	7.99	\$2,558.14
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	144	91.04	\$158.00
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14703	139	35.01	\$420.00
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	83	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13319	158	4.56	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18096	107	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	97	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16404	122	47.81	\$343.08
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18347	104	30.04	\$610.68
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22600	66	7.40	\$3,055.98
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23128	61	7.76	\$2,979.98
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	59	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17470	110	61.73	\$283.00*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	43	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17003	114	37.62	\$452.00*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22821	65	14.94	\$1,527.12
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23109	62	5.11	\$4,519.90*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23855	51	5.19	\$4,594.14
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18247	105	44.38	\$411.12
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	21136	79	21.61	\$978.00
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	69	6.55	\$3,417.78
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23547	54	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	58	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	23	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	90	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	22	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18209	106	49.30	\$369.36
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21524	73	22.29	\$965.62
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24877	44	6.19	\$4,017.90
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	57	6.63	\$3,525.80*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	115	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	20981	82	5.28	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	42	7.06	\$3,538.00
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	70	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26071	37	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21027	81	17.26	\$1,218.00
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23187	60	3.12	\$7,427.10*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24152	48	4.01	\$6,019.90*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26562	34	5.76	\$4,614.62*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	92	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	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 E5-2690 @ 2.90GHz	19915	93	23.49	\$847.64
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23772	52	20.18	\$1,178.00*
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25668	40	5.78	\$4,437.82
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27561	31	5.86	\$4,701.76*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20590	86	2.87	\$7,186.44*
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	45	6.18	\$4,019.98
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	41	5.15	\$4,969.94
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	50	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	20	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31526	15	5.24	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23445	56	5.24	\$4,470.04
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28349	28	5.32	\$5,323.80
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30520	19	5.44	\$5,610.00
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	29	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29958	21	4.37	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	12	5.00	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	49	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	25751	39	2.97	\$8,679.90
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34053	9	3.49	\$9,759.90
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	85	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	96	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	129	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	98	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	94	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19127	99	100.15	\$190.98
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	137	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	196	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	67	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	170	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	130	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	68	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15488	131	2.35	\$6,587.58*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	211	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	401	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	364	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3601	366	100.47	\$35.84*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4141	360	7.67	\$539.90
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	342	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4593	349	129.23	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5130	338	64.14	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5182	337	9.26	\$559.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6027	313	14.56	\$414.02*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6372	302	15.68	\$406.44*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6867	292	95.38	\$72.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7177	281	30.68	\$233.96*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7572	274	83.21	\$91.00*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7119	284	130.38	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7836	266	71.50	\$109.60*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2480	395	13.05	\$190.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	386	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4891	343	161.31	\$30.32*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5000	341	36.23	\$138.00*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5434	330	5.95	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7438	277	229.00	\$32.48*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7724	270	149.69	\$51.60*
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	7866	263	99.82	\$78.80*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4236	357	16.41	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5560	327	12.69	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5992	314	9.66	\$620.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8090	257	55.96	\$144.58
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8366	249	73.07	\$114.50*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8790	237	70.32	\$125.00*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10337	202	47.87	\$215.96
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10286	203	44.72	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	329	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	332	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	21833	71	7.95	\$2,745.38*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	47	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	78	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	21447	75	7.96	\$2,696.00*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25997	38	8.33	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17302	112	6.71	\$2,579.98
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27978	30	7.34	\$3,810.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	23003	64	6.26	\$3,677.50*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	23057	63	5.91	\$3,899.98
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	27498	32	5.68	\$4,843.80
[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	6.67	\$5,259.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	33297	11	6.43	\$5,179.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	26	4.89	\$5,904.00*
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28702	27	4.91	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	34296	8	4.75	\$7,222.46*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	16	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35368	6	4.70	\$7,519.98
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36493	3	5.15	\$7,086.00*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	352	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	356	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	344	64.02	\$76.40*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	325	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6137	311	30.66	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6487	300	150.30	\$43.16*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6600	295	20.89	\$315.90*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	290	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	289	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	262	284.35	\$27.92*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	288	202.14	\$34.66*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	233	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	221	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9758	218	140.40	\$69.50*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon MP 2.50GHz	550	427	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	429	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	423	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	409	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	32226	13	2.09	\$15,408.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[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	17	1.55	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	16342	123	17.02	\$959.98
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16329	124	15.12	\$1,079.98
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13731	149	12.97	\$1,058.42*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19569	95	12.96	\$1,509.44*
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	19929	91	8.89	\$2,242.32*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	208	48.66	\$207.76*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10356	200	2.06	\$5,017.90
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	204	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4768	347	17.12	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	348	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	345	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5779	319	45.15	\$128.00*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6239	308	31.35	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7490	276	62.46	\$119.92
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7855	264	44.57	\$176.22
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8191	256	13.94	\$587.74*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7780	267	17.29	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8243	254	37.49	\$219.90
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8769	241	3.15	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8971	231	259.73	\$34.54*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	227	81.27	\$111.78*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9542	223	19.88	\$479.90
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	216	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11366	187	113.66	\$100.00
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11662	179	46.54	\$250.60
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	236	62.98	\$140.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12353	166	51.37	\$240.46
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	210	17.76	\$567.44*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12633	162	15.45	\$817.90
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11505	183	29.13	\$395.00
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	155	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13635	153	40.42	\$337.34
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11991	173	57.10	\$210.00
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13842	148	40.72	\$339.92
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	246	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	296	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	242	41.21	\$211.60*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	214	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	181	264.34	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	358	9.48	\$440.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	340	15.28	\$330.00*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	355	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	354	199.09	\$21.98
[Dual CPU] Quad-Core AMD Opteron 8378	5382	331	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	293	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	322	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	316	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	251	NA	NA
[Quad CPU] AMD Opteron 6136	9767	217	6.80	\$1,436.00
[Quad CPU] AMD Opteron 6272	12292	167	61.47	\$199.96
[Quad CPU] AMD Opteron 6274	10488	197	12.49	\$840.00*
[Quad CPU] AMD Opteron 6276	15342	133	47.95	\$319.96
[Quad CPU] AMD Opteron 6278	12055	172	23.18	\$519.96
[Quad CPU] AMD Opteron 6376	14681	140	11.88	\$1,235.56
[Quad CPU] AMD Opteron 6380	12442	163	31.11	\$399.96
[Quad CPU] AMD Opteron 8360 SE	6490	299	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	312	NA	NA
[Quad CPU] AMD Opteron 8382	8553	245	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	279	NA	NA
[Quad CPU] AMD Opteron 8431	8252	253	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	285	17.93	\$395.96*
[Quad CPU] AMD Opteron 8439 SE	8943	234	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	410	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	370	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	116	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	128	1.13	\$14,079.88*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	46	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	76	55.95	\$381.96
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	126	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	14	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	113	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	111	131.38	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14622	141	1.11	\$13,175.16*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	161	15.87	\$799.96*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	287	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	268	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	206	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	222	7.31	\$1,310.40*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	228	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	36	5.07	\$5,159.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	219	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	224	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12068	171	28.52	\$423.20*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	244	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	184	10.45	\$1,100.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	132	175.16	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	282	163.10	\$43.96

* - Last price seen from our affiliates.

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