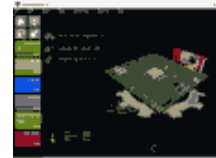


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CPU List

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

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Single CPU Systems

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2559	NA	NA
AMD A4 Micro-6400T APU	1544	1749	NA	NA
AMD A4 PRO-3340B	2402	1369	NA	NA
AMD A4 PRO-7300B APU	2318	1393	NA	NA
AMD A4 PRO-7350B	2794	1239	NA	NA
AMD A4-1200 APU	641	2236	NA	NA
AMD A4-1250 APU	611	2249	NA	NA
AMD A4-3300 APU	1506	1771	116.00	\$12.99
AMD A4-3300M APU	1184	1937	39.50	\$29.99*
AMD A4-3305M APU	1221	1919	40.73	\$30.00*
AMD A4-3310MX APU	1291	1873	NA	NA
AMD A4-3320M APU	1256	1899	36.95	\$34.00
AMD A4-3330MX APU	1217	1920	NA	NA
AMD A4-3400 APU	1596	1730	18.15	\$87.95
AMD A4-3420 APU	1676	1684	NA	NA
AMD A4-4000 APU	1818	1614	53.27	\$34.13
AMD A4-4020 APU	1918	1563	44.92	\$42.72
AMD A4-4300M APU	1613	1722	40.48	\$39.86
AMD A4-4355M APU	1174	1940	NA	NA
AMD A4-5000 APU	1905	1566	NA	NA
AMD A4-5050 APU	2114	1481	NA	NA
AMD A4-5100 APU	2082	1495	NA	NA
AMD A4-5150M APU	1844	1600	NA	NA
AMD A4-5300 APU	2007	1523	37.45	\$53.60
AMD A4-5300B APU	2106	1485	55.43	\$38.00*
AMD A4-6210 APU	2149	1464	NA	NA
AMD A4-6250J APU	2556	1314	NA	NA
AMD A4-6300 APU	2217	1443	48.47	\$45.76
AMD A4-6300B APU	2129	1473	21.30	\$100.00*
AMD A4-6320 APU	2322	1391	22.31	\$104.09*
AMD A4-7210 APU	2495	1335	NA	NA
AMD A4-7300 APU	2283	1413	20.57	\$111.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-9120	1817	1616	NA	NA
AMD A6 Micro-6500T APU	1834	1607	NA	NA
AMD A6 PRO-7050B APU	1587	1734	NA	NA
AMD A6 PRO-7400B	2749	1258	NA	NA
AMD A6-1450 APU	1522	1758	NA	NA
AMD A6-3400M APU	1894	1575	63.22	\$29.97*
AMD A6-3410MX APU	2055	1504	68.56	\$29.99*
AMD A6-3420M APU	2003	1524	NA	NA
AMD A6-3430MX APU	2225	1442	NA	NA
AMD A6-3500 APU	2008	1521	26.71	\$75.18
AMD A6-3600 APU	2705	1269	117.67	\$22.99*
AMD A6-3620 APU	2809	1234	46.84	\$59.99*
AMD A6-3650 APU	3160	1123	21.07	\$149.99*
AMD A6-3670 APU	3195	1106	37.94	\$84.23
AMD A6-4400M APU	1632	1710	40.96	\$39.86*
AMD A6-4455M APU	1284	1881	NA	NA
AMD A6-5200 APU	2421	1362	NA	NA
AMD A6-5345M APU	1476	1783	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	1567	31.77	\$59.95
AMD A6-5357M APU	1938	1551	NA	NA
AMD A6-5400B APU	2194	1451	20.89	\$105.04*
AMD A6-5400K APU	2147	1466	19.18	\$112.00
AMD A6-6310 APU	2437	1356	NA	NA
AMD A6-6400B APU	2281	1416	NA	NA
AMD A6-6400K APU	2298	1405	31.77	\$72.36
AMD A6-6420B APU	2612	1294	NA	NA
AMD A6-6420K APU	2351	1387	33.12	\$71.00*
AMD A6-7000	1671	1687	NA	NA
AMD A6-7310 APU	2682	1274	NA	NA
AMD A6-7400K APU	2786	1241	56.87	\$48.99
AMD A6-7470K	2777	1243	27.95	\$99.40
AMD A6-8500P	2183	1454	NA	NA
AMD A6-8550	3104	1134	NA	NA
AMD A6-9200	1859	1592	NA	NA
AMD A6-9210	1930	1557	NA	NA
AMD A6-9220	2249	1432	NA	NA
AMD A6-9220e	1521	1760	NA	NA
AMD A6-9230	2274	1420	NA	NA
AMD A6-9500	2977	1175	53.70	\$55.45
AMD A8 PRO-7150B APU	2667	1277	NA	NA
AMD A8 PRO-7600B APU	4828	750	NA	NA
AMD A8-3500M APU	1972	1535	28.20	\$69.95
AMD A8-3510MX APU	2367	1382	NA	NA
AMD A8-3520M APU	2178	1456	NA	NA
AMD A8-3530MX APU	2378	1375	NA	NA
AMD A8-3550MX APU	2610	1295	NA	NA
AMD A8-3800 APU	3045	1154	17.91	\$169.99*
AMD A8-3820 APU	3142	1125	25.14	\$124.99*
AMD A8-3850 APU	3470	1032	36.85	\$94.19
AMD A8-3870K APU	3571	1008	17.72	\$201.54*
AMD A8-4500M APU	2663	1279	NA	NA
AMD A8-4555M APU	2122	1478	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-5500 APU	3992	910	30.95	\$129.00*
AMD A8-5500B APU	3967	916	NA	NA
AMD A8-5545M APU	2588	1302	NA	NA
AMD A8-5550M APU	3002	1168	NA	NA
AMD A8-5557M APU	2959	1181	NA	NA
AMD A8-5600K APU	4341	845	24.12	\$179.95
AMD A8-6410 APU	2567	1312	NA	NA
AMD A8-6500 APU	4385	833	27.24	\$160.99*
AMD A8-6500B APU	4589	796	NA	NA
AMD A8-6500T APU	3221	1098	NA	NA
AMD A8-6600K APU	4581	798	24.24	\$189.04*
AMD A8-7050	1986	1532	NA	NA
AMD A8-7100 APU	2817	1229	NA	NA
AMD A8-7200P	3300	1076	NA	NA
AMD A8-7410 APU	2745	1260	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7600 APU	5102	699	24.89	\$205.00
AMD A8-7650K	4928	734	62.53	\$78.81
AMD A8-7670K	5105	697	49.58	\$102.98
AMD A8-8600P	3248	1091	NA	NA
AMD A8-8650	5470	645	NA	NA
AMD A8-9600	4979	720	72.17	\$68.99
AMD A9-9400	2278	1418	NA	NA
AMD A9-9410	2564	1313	NA	NA
AMD A9-9420	2299	1404	NA	NA
AMD A9-9420e	1613	1721	NA	NA
AMD A9-9425	2795	1238	NA	NA
AMD A9-9430	2513	1329	NA	NA
AMD A10 Micro-6700T APU	1890	1578	NA	NA
AMD A10 PRO-7350B APU	3225	1096	NA	NA
AMD A10 PRO-7800B APU	5409	657	NA	NA
AMD A10 PRO-7850B APU	5465	646	NA	NA
AMD A10-4600M APU	3113	1131	NA	NA
AMD A10-4655M APU	2601	1298	NA	NA
AMD A10-4657M APU	2906	1202	NA	NA
AMD A10-5700 APU	4207	869	11.34	\$371.15
AMD A10-5745M APU	2758	1253	NA	NA
AMD A10-5750M APU	3343	1066	NA	NA
AMD A10-5757M APU	3086	1139	NA	NA
AMD A10-5800B APU	4682	773	NA	NA
AMD A10-5800K APU	4639	779	36.82	\$125.99*
AMD A10-6700 APU	4605	792	9.06	\$508.16*
AMD A10-6700T APU	3691	982	25.01	\$147.61*
AMD A10-6790K APU	4704	768	22.75	\$206.82*
AMD A10-6800B APU	4991	719	NA	NA
AMD A10-6800K APU	4856	741	16.93	\$286.85*
AMD A10-7300 APU	2909	1199	NA	NA
AMD A10-7400P	3638	991	NA	NA
AMD A10-7700K APU	5132	690	27.03	\$189.89
AMD A10-7800 APU	5000	717	47.62	\$104.99*
AMD A10-7850K APU	5478	642	15.11	\$362.55
AMD A10-7860K	5104	698	16.00	\$319.00
AMD A10-7870K	5479	641	48.92	\$112.01

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-7890K	5746	610	22.19	\$258.99
AMD A10-8700P	3455	1037	NA	NA
AMD A10-8750	5091	700	NA	NA
AMD A10-8850	5616	624	NA	NA
AMD A10-9600P	3801	950	NA	NA
AMD A10-9620P	3787	955	NA	NA
AMD A10-9630P	4497	813	NA	NA
AMD A10-9700	5464	647	61.39	\$89.01
AMD A10-9700E	4687	772	51.23	\$91.50
AMD A12-9700P	3731	971	NA	NA
AMD A12-9720P	4032	899	NA	NA
AMD A12-9730P	4353	841	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A12-9800	5537	638	37.67	\$147.00*
AMD A12-9800E	5060	707	42.44	\$119.25
AMD Athlon64 X2 Dual Core 3800+	970	2064	NA	NA
AMD Athlon64 X2 Dual Core 4200+	1006	2039	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	1977	NA	NA
AMD Athlon 4	279	2579	4.48	\$62.41
AMD Athlon 64 2000+	116	2713	NA	NA
AMD Athlon 64 2200+	575	2270	NA	NA
AMD Athlon 64 2600+	374	2452	NA	NA
AMD Athlon 64 2800+	438	2382	4.38	\$99.99*
AMD Athlon 64 3000+	463	2352	6.18	\$74.95
AMD Athlon 64 3200+	491	2321	3.28	\$149.95*
AMD Athlon 64 3300+	576	2268	NA	NA
AMD Athlon 64 3400+	545	2282	NA	NA
AMD Athlon 64 3500+	539	2288	6.00	\$89.95
AMD Athlon 64 3600+	601	2256	NA	NA
AMD Athlon 64 3700+	599	2257	8.69	\$69.00*
AMD Athlon 64 3800+	588	2261	3.68	\$159.95
AMD Athlon 64 4000+	605	2251	3.06	\$197.95*
AMD Athlon 64 FX-25	794	2163	NA	NA
AMD Athlon 64 FX-34	380	2443	NA	NA
AMD Athlon 64 FX-51	437	2383	NA	NA
AMD Athlon 64 FX-53	646	2231	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2195	4.01	\$179.95
AMD Athlon 64 FX-57	730	2191	NA	NA
AMD Athlon 64 FX-59	715	2199	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1883	NA	NA
AMD Athlon 64 FX-62 Dual Core	1579	1736	NA	NA
AMD Athlon 64 FX-72	1794	1624	NA	NA
AMD Athlon 64 FX-74	1495	1776	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2077	NA	NA
AMD Athlon 64 X2 4200+	1285	1880	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1831	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2050	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	970	2065	16.17	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1002	2043	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1040	2018	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1099	1982	6.87	\$159.95
AMD Athlon 64 X2 Dual Core 4400+	1147	1959	5.74	\$199.95
AMD Athlon 64 X2 Dual Core 4600+	1222	1918	3.40	\$359.95*

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 4800+	1257	1897	2.73	\$459.95
AMD Athlon 64 X2 Dual Core 5000+	1312	1859	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1383	1822	26.06	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1451	1792	27.40	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1483	1781	9.89	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1754	38.26	\$39.95*
AMD Athlon 64 X2 Dual Core 6000+	1604	1726	49.37	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1792	1625	6.89	\$259.95
AMD Athlon 64 X2 Dual Core BE-230	1095	1986	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core BE-2300	1082	1996	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2016	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2143	28.02	\$29.97
AMD Athlon 64 X2 Dual Core TK-55	839	2145	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2063	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2123	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2155	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	872	2124	11.99	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	926	2098	NA	NA
AMD Athlon 64 X2 QL-60	918	2106	NA	NA
AMD Athlon 64 X2 QL-62	1014	2033	NA	NA
AMD Athlon 64 X2 QL-64	989	2055	NA	NA
AMD Athlon 64 X2 QL-65	1045	2015	NA	NA
AMD Athlon 64 X2 QL-66	945	2084	NA	NA
AMD Athlon 64 X2 QL-67	1006	2038	NA	NA
AMD Athlon 64 X2 TK-55	955	2078	NA	NA
AMD Athlon 64 X2 TK-57	988	2056	NA	NA
AMD Athlon 1500+	294	2552	NA	NA
AMD Athlon 1640B	678	2220	13.57	\$50.00*
AMD Athlon 1700+	349	2482	NA	NA
AMD Athlon 2000+	390	2438	NA	NA
AMD Athlon 2100+	412	2403	NA	NA
AMD Athlon 2200+	363	2469	4.55	\$79.99
AMD Athlon 2400+	462	2353	NA	NA
AMD Athlon 2500+	374	2450	2.04	\$183.99*
AMD Athlon 2600+	444	2373	4.23	\$104.95*
AMD Athlon 2650e	410	2407	21.61	\$19.00*
AMD Athlon 2800+	447	2370	3.20	\$139.95
AMD Athlon 2850e	504	2314	NA	NA
AMD Athlon 3100+	485	2332	NA	NA
AMD Athlon 3200+	458	2357	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	1872	12.93	\$99.95*
AMD Athlon 5150 APU	2093	1490	19.39	\$108.00*
AMD Athlon 5200 Dual-Core	1248	1905	20.27	\$61.61
AMD Athlon 5350 APU	2600	1299	12.17	\$213.68
AMD Athlon 5370 APU	2898	1208	45.51	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1795	NA	NA
AMD Athlon 7550 Dual-Core	1460	1787	24.33	\$60.00
AMD Athlon 7750 Dual-Core	1579	1737	10.62	\$148.71*
AMD Athlon 7850 Dual-Core	1714	1659	8.18	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2562	NA	NA
AMD Athlon Dual Core 4050e	1086	1993	NA	NA
AMD Athlon Dual Core 4450B	1168	1945	37.70	\$31.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 4450e	1101	1981	NA	NA
AMD Athlon Dual Core 4850B	1447	1796	NA	NA
AMD Athlon Dual Core 4850e	1316	1858	33.75	\$39.00*
AMD Athlon Dual Core 5000B	1304	1865	13.73	\$95.00*
AMD Athlon Dual Core 5050e	1349	1842	22.50	\$60.00*
AMD Athlon Dual Core 5200B	1324	1855	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 5400B	1413	1812	NA	NA
AMD Athlon Dual Core 5600B	1304	1864	NA	NA
AMD Athlon II 160u	560	2278	18.68	\$29.99*
AMD Athlon II 170u	626	2244	20.91	\$29.95*
AMD Athlon II Dual-Core M300	1115	1972	NA	NA
AMD Athlon II Dual-Core M320	1141	1965	38.06	\$30.00*
AMD Athlon II Dual-Core M340	1056	2010	NA	NA
AMD Athlon II N330 Dual-Core	1154	1954	NA	NA
AMD Athlon II N350 Dual-Core	1247	1907	NA	NA
AMD Athlon II N370 Dual-Core	1559	1745	NA	NA
AMD Athlon II Neo K125	467	2347	NA	NA
AMD Athlon II Neo K145	525	2296	NA	NA
AMD Athlon II Neo K325 Dual-Core	774	2172	29.81	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2136	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2165	NA	NA
AMD Athlon II P320 Dual-Core	1216	1921	40.60	\$29.95*
AMD Athlon II P340 Dual-Core	1251	1902	27.85	\$44.95*
AMD Athlon II P360 Dual-Core	1323	1857	55.14	\$24.00
AMD Athlon II X2 210e	1486	1779	NA	NA
AMD Athlon II X2 215	1578	1738	131.68	\$11.99*
AMD Athlon II X2 220	1632	1711	50.72	\$32.19
AMD Athlon II X2 225	1526	1755	NA	NA
AMD Athlon II X2 235e	1658	1696	9.12	\$181.88*
AMD Athlon II X2 240	1644	1701	47.05	\$34.95
AMD Athlon II X2 240e	1695	1675	48.51	\$34.95*
AMD Athlon II X2 245	1663	1694	47.61	\$34.95*
AMD Athlon II X2 245e	1706	1664	21.33	\$80.00*
AMD Athlon II X2 250	1743	1646	44.76	\$38.95
AMD Athlon II X2 250e	1949	1547	25.41	\$76.73*
AMD Athlon II X2 250u	1000	2044	25.04	\$39.95*
AMD Athlon II X2 255	1845	1599	28.30	\$65.22*
AMD Athlon II X2 260	1873	1587	39.03	\$48.00*
AMD Athlon II X2 260u	1105	1979	13.25	\$83.44*
AMD Athlon II X2 265	1889	1579	22.80	\$82.88*
AMD Athlon II X2 270	1987	1531	42.73	\$46.50
AMD Athlon II X2 270u	1350	1841	19.96	\$67.67*
AMD Athlon II X2 280	2164	1460	21.64	\$99.99*
AMD Athlon II X2 4300e	1350	1840	NA	NA
AMD Athlon II X2 4400e	1618	1717	NA	NA
AMD Athlon II X2 4450e	1504	1772	NA	NA
AMD Athlon II X2 B22	1711	1661	47.62	\$35.95
AMD Athlon II X2 B24	1780	1629	44.57	\$39.95*
AMD Athlon II X2 B26	1880	1583	41.82	\$44.95*
AMD Athlon II X2 B28	2112	1482	43.06	\$49.05*
AMD Athlon II X3 400e	2009	1520	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1513	25.32	\$79.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 415e	2247	1433	29.97	\$75.00*
AMD Athlon II X3 420e	2286	1410	19.68	\$116.15*
AMD Athlon II X3 425	2317	1394	31.98	\$72.47*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 425e	2239	1437	NA	NA
AMD Athlon II X3 435	2470	1347	32.86	\$75.18
AMD Athlon II X3 440	2569	1311	54.73	\$46.95*
AMD Athlon II X3 445	2583	1305	28.39	\$91.00*
AMD Athlon II X3 450	2627	1288	58.45	\$44.95
AMD Athlon II X3 455	2770	1245	33.61	\$82.42*
AMD Athlon II X3 460	2855	1217	57.12	\$49.99*
AMD Athlon II X4 553	3814	947	NA	NA
AMD Athlon II X4 555	3830	943	NA	NA
AMD Athlon II X4 559	4142	883	NA	NA
AMD Athlon II X4 600e	2453	1351	18.84	\$130.23*
AMD Athlon II X4 605e	2750	1257	27.01	\$101.80*
AMD Athlon II X4 610e	2798	1237	39.99	\$69.99*
AMD Athlon II X4 615e	2901	1207	49.17	\$59.00*
AMD Athlon II X4 620	2940	1190	45.28	\$64.95*
AMD Athlon II X4 620e	2906	1203	NA	NA
AMD Athlon II X4 630	3135	1128	49.81	\$62.95
AMD Athlon II X4 631 Quad-Core	3151	1124	39.39	\$80.00*
AMD Athlon II X4 635	3256	1089	46.56	\$69.95
AMD Athlon II X4 638 Quad-Core	3198	1105	NA	NA
AMD Athlon II X4 640	3317	1071	13.82	\$239.95
AMD Athlon II X4 641 Quad-Core	3355	1063	36.67	\$91.50*
AMD Athlon II X4 645	3475	1029	43.47	\$79.95
AMD Athlon II X4 650	3474	1030	20.85	\$166.60*
AMD Athlon II X4 651 Quad-Core	3575	1007	20.08	\$178.04*
AMD Athlon II X4 655	2998	1169	NA	NA
AMD Athlon II X4 6400e	2594	1300	NA	NA
AMD Athlon L110	306	2529	NA	NA
AMD Athlon LE-1600	567	2275	27.04	\$21.00*
AMD Athlon LE-1620	572	2272	31.83	\$18.00*
AMD Athlon LE-1640	630	2241	NA	NA
AMD Athlon LE-1660	688	2214	NA	NA
AMD Athlon MP	230	2635	4.20	\$54.95*
AMD Athlon MP 1700+	339	2494	NA	NA
AMD Athlon MP 2400+	436	2384	NA	NA
AMD Athlon MP 2800+	497	2317	NA	NA
AMD Athlon Neo MV-40	411	2405	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2042	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2171	NA	NA
AMD Athlon Neo X2 Dual Core L335	827	2150	NA	NA
AMD Athlon PRO 200GE	4903	735	NA	NA
AMD Athlon QI-46	473	2344	NA	NA
AMD Athlon TF-20	416	2399	NA	NA
AMD Athlon TF-36	358	2472	NA	NA
AMD Athlon X2 215	1511	1768	NA	NA
AMD Athlon X2 235e	1806	1618	NA	NA
AMD Athlon X2 240	1575	1742	NA	NA
AMD Athlon X2 240e	1670	1688	NA	NA
AMD Athlon X2 250	1696	1674	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 255	1627	1713	NA	NA
AMD Athlon X2 280	2303	1400	13.17	\$174.81*
AMD Athlon X2 340 Dual Core	1893	1577	22.23	\$85.16*
AMD Athlon X2 370K Dual Core	2251	1429	NA	NA
AMD Athlon X2 440	1424	1806	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2168	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2045	NA	NA
AMD Athlon X2 Dual Core BE-2300	925	2100	NA	NA
AMD Athlon X2 Dual Core BE-2350	1104	1980	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	1922	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1901	NA	NA
AMD Athlon X2 Dual Core L310	644	2233	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2035	NA	NA
AMD Athlon X3 425	2191	1452	NA	NA
AMD Athlon X3 435	2574	1307	26.96	\$95.49*
AMD Athlon X3 440	2078	1497	23.62	\$87.99*
AMD Athlon X3 445	2314	1395	NA	NA
AMD Athlon X3 450	3064	1148	38.80	\$78.99*
AMD Athlon X3 455	2401	1370	NA	NA
AMD Athlon X4 605e	2505	1333	NA	NA
AMD Athlon X4 620	2861	1216	44.06	\$64.95
AMD Athlon X4 635	2891	1210	23.71	\$121.99*
AMD Athlon X4 640	3172	1112	NA	NA
AMD Athlon X4 740 Quad Core	4009	905	14.48	\$277.00*
AMD Athlon X4 750 Quad Core	4551	803	NA	NA
AMD Athlon X4 750K Quad Core	4252	861	55.24	\$76.99*
AMD Athlon X4 760K Quad Core	4589	797	89.12	\$51.50
AMD Athlon X4 830	4701	769	NA	NA
AMD Athlon X4 840	5030	712	63.89	\$78.74*
AMD Athlon X4 845	5432	655	82.44	\$65.89
AMD Athlon X4 860K	5450	650	56.33	\$96.76*
AMD Athlon X4 870K	5313	672	72.45	\$73.35*
AMD Athlon X4 880K	5589	629	67.15	\$83.24*
AMD Athlon X4 950	5302	674	89.90	\$58.99
AMD Athlon XP1600+	281	2575	NA	NA
AMD Athlon XP1700+	234	2631	NA	NA
AMD Athlon XP1900+	353	2479	NA	NA
AMD Athlon XP2100+	287	2564	NA	NA
AMD Athlon XP2200+	401	2422	NA	NA
AMD Athlon XP2400+	374	2451	NA	NA
AMD Athlon XP 1500	282	2574	NA	NA
AMD Athlon XP 1500+	257	2606	NA	NA
AMD Athlon XP 1600+	267	2595	NA	NA
AMD Athlon XP 1700	344	2489	NA	NA
AMD Athlon XP 1700+	271	2590	NA	NA
AMD Athlon XP 1800+	300	2541	5.09	\$58.95*
AMD Athlon XP 1900+	312	2521	NA	NA
AMD Athlon XP 2000+	299	2542	12.00	\$24.99*
AMD Athlon XP 2100+	323	2505	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2200+	328	2503	3.87	\$84.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2300+	464	2350	NA	NA
AMD Athlon XP 2400+	360	2471	4.01	\$89.99*
AMD Athlon XP 2500+	355	2476	NA	NA
AMD Athlon XP 2600+	372	2455	16.18	\$23.03*
AMD Athlon XP 2700+	393	2433	4.64	\$84.79*
AMD Athlon XP 2800+	399	2425	NA	NA
AMD Athlon XP 2900+	440	2377	NA	NA
AMD Athlon XP 3000+	402	2421	5.05	\$79.70
AMD Athlon XP 3100+	433	2391	NA	NA
AMD Athlon XP 3200+	433	2390	NA	NA
AMD Athlon XP 3400+	570	2274	NA	NA
AMD Athlon XP Pro3+	367	2461	NA	NA
AMD Athlon XP-M	541	2287	15.48	\$34.95*
AMD C-30	310	2524	NA	NA
AMD C-50	463	2351	NA	NA
AMD C-60	476	2342	NA	NA
AMD C-60 APU	545	2283	NA	NA
AMD C-70 APU	564	2277	NA	NA
AMD E1 Micro-6200T APU	960	2075	NA	NA
AMD E1-1200 APU	660	2225	NA	NA
AMD E1-1500 APU	686	2215	NA	NA
AMD E1-2100 APU	631	2240	NA	NA
AMD E1-2200 APU	767	2173	NA	NA
AMD E1-2500 APU	890	2120	NA	NA
AMD E1-6010 APU	857	2134	NA	NA
AMD E1-6015 APU	895	2119	NA	NA
AMD E1-7010 APU	1006	2037	NA	NA
AMD E2-1800 APU	821	2153	NA	NA
AMD E2-2000 APU	829	2148	NA	NA
AMD E2-3000 APU	1088	1991	NA	NA
AMD E2-3000M APU	1091	1989	54.57	\$20.00*
AMD E2-3200 APU	1441	1799	180.35	\$7.99*
AMD E2-3800 APU	1644	1702	NA	NA
AMD E2-6110 APU	1903	1568	NA	NA
AMD E2-7110 APU	2282	1415	NA	NA
AMD E2-9000	1596	1729	NA	NA
AMD E2-9000e	1348	1844	NA	NA
AMD E2-9010	1829	1609	NA	NA
AMD E-240	317	2512	NA	NA
AMD E-300 APU	611	2248	NA	NA
AMD E-350	747	2185	NA	NA
AMD E-350 APU	757	2181	NA	NA
AMD E-350D APU	725	2194	NA	NA
AMD E-450 APU	766	2174	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1642	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1493	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2512	1330	NA	NA
AMD Embedded R-Series RX-216GD	2409	1366	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-418GD Radeon R6	5068	705	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded R-Series RX-421BD	4635	783	NA	NA
AMD EPYC 7251 8-Core	10679	205	20.94	\$509.99
AMD EPYC 7351P	15820	84	19.37	\$816.82
AMD EPYC 7401P	18546	44	15.85	\$1,169.99
AMD EPYC 7501	18942	41	5.09	\$3,722.99
AMD EPYC 7551	18483	46	4.96	\$3,729.33*
AMD FirePro A320 APU	4540	806	NA	NA
AMD FX-670K Quad-Core	4532	809	NA	NA
AMD FX-770K Quad-Core	4788	759	NA	NA
AMD FX-870K Quad Core	5126	692	NA	NA
AMD FX-4100 Quad-Core	4064	892	31.27	\$129.99*
AMD FX-4130 Quad-Core	4170	879	54.89	\$75.99*
AMD FX-4150 Quad-Core	4594	794	NA	NA
AMD FX-4170 Quad-Core	4852	743	33.79	\$143.61*
AMD FX-4200 Quad-Core	4261	857	18.68	\$228.21*
AMD FX-4300 Quad-Core	4678	776	78.01	\$59.98
AMD FX-4320	4995	718	NA	NA
AMD FX-4330	5222	681	NA	NA
AMD FX-4350 Quad-Core	5340	669	53.41	\$99.99
AMD FX-6100 Six-Core	5377	660	21.86	\$246.00
AMD FX-6120 Six-Core	5748	609	NA	NA
AMD FX-6130 Six-Core	6215	556	NA	NA
AMD FX-6200 Six-Core	6119	569	18.00	\$339.95
AMD FX-6300 Six-Core	6383	551	98.23	\$64.99
AMD FX-6330 Six-Core	6916	498	NA	NA
AMD FX-6350 Six-Core	6988	490	60.26	\$115.98
AMD FX-7500 APU	3210	1103	NA	NA
AMD FX-7600P	4049	894	NA	NA
AMD FX-7600P APU	4627	785	NA	NA
AMD FX-8100 Eight-Core	6018	579	42.39	\$142.00*
AMD FX-8120 Eight-Core	6594	526	36.64	\$179.99*
AMD FX-8140 Eight-Core	5854	595	NA	NA
AMD FX-8150 Eight-Core	7624	438	19.88	\$383.50*
AMD FX-8300 Eight-Core	7715	429	83.93	\$91.92
AMD FX-8310 Eight-Core	7752	424	NA	NA
AMD FX-8320 Eight-Core	8018	403	91.12	\$88.00
AMD FX-8320E Eight-Core	7540	442	68.55	\$109.99
AMD FX-8350 Eight-Core	8950	333	111.89	\$79.99
AMD FX-8370 Eight-Core	9024	325	55.10	\$163.78
AMD FX-8370E Eight-Core	7799	418	32.17	\$242.40
AMD FX-8800P	4152	881	NA	NA
AMD FX-9370 Eight-Core	9470	288	16.67	\$568.00
AMD FX-9590 Eight-Core	10196	230	107.35	\$94.99
AMD FX-9800P	4011	904	NA	NA
AMD FX-9830P	4752	763	NA	NA
AMD FX-B4150 Quad-Core	4611	790	NA	NA
AMD G-T40E	485	2330	NA	NA
AMD G-T40N	516	2303	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T44R	227	2637	NA	NA
AMD G-T48E	716	2198	NA	NA
AMD G-T52R	303	2535	NA	NA
AMD G-T56E	751	2183	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T56N	786	2167	NA	NA
AMD Geode NX	264	2598	NA	NA
AMD Geode NX 1750	291	2553	NA	NA
AMD GX-210JA SOC	401	2423	NA	NA
AMD GX-212JC SOC	744	2186	NA	NA
AMD GX-217GA SOC	1097	1983	NA	NA
AMD GX-218GL SOC	1115	1971	NA	NA
AMD GX-222GC SOC	1255	1900	NA	NA
AMD GX-412HC	1497	1775	NA	NA
AMD GX-415GA SOC	1950	1546	NA	NA
AMD GX-420CA SOC	2299	1403	NA	NA
AMD GX-424CC SOC	2488	1338	NA	NA
AMD K7	403	2418	NA	NA
AMD Opteron 140	396	2428	0.56	\$710.00
AMD Opteron 142	428	2395	NA	NA
AMD Opteron 144	486	2329	7.48	\$65.00*
AMD Opteron 146	532	2293	8.87	\$59.99*
AMD Opteron 148	603	2255	NA	NA
AMD Opteron 150	604	2253	NA	NA
AMD Opteron 152	658	2226	NA	NA
AMD Opteron 154	703	2208	NA	NA
AMD Opteron 165	899	2117	1.47	\$610.00*
AMD Opteron 170	1097	1984	NA	NA
AMD Opteron 175	1167	1946	NA	NA
AMD Opteron 180	1228	1914	9.45	\$129.95
AMD Opteron 185	1360	1835	NA	NA
AMD Opteron 246	632	2239	31.62	\$19.99
AMD Opteron 248	476	2341	4.34	\$109.95
AMD Opteron 250	649	2230	59.01	\$11.00*
AMD Opteron 252	760	2178	12.00	\$63.36*
AMD Opteron 254	693	2211	NA	NA
AMD Opteron 256	963	2071	50.72	\$19.00*
AMD Opteron 265	963	2072	6.02	\$159.95*
AMD Opteron 270	1083	1995	1.78	\$607.47*
AMD Opteron 275	1291	1874	19.87	\$64.99
AMD Opteron 280	1272	1891	1.60	\$796.67*
AMD Opteron 285	1470	1784	NA	NA
AMD Opteron 290	1464	1786	10.85	\$135.00*
AMD Opteron 1210	923	2102	NA	NA
AMD Opteron 1210 HE	971	2062	NA	NA
AMD Opteron 1212	1009	2036	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1862	NA	NA
AMD Opteron 1214	1191	1932	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1866	NA	NA
AMD Opteron 1216	1311	1860	23.91	\$54.85*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1216 HE	1172	1944	NA	NA
AMD Opteron 1218	1468	1785	NA	NA
AMD Opteron 1218 HE	1444	1797	NA	NA
AMD Opteron 1220	1653	1700	NA	NA
AMD Opteron 1222	1757	1639	NA	NA
AMD Opteron 1352	2368	1381	17.42	\$135.99*
AMD Opteron 1354	2630	1287	8.49	\$309.97*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1356	2765	1250	30.73	\$89.99*
AMD Opteron 1381	3065	1147	NA	NA
AMD Opteron 2212	1270	1893	105.89	\$12.00*
AMD Opteron 2214	1358	1836	104.51	\$13.00
AMD Opteron 2214 HE	1415	1810	NA	NA
AMD Opteron 2216	1518	1765	44.18	\$34.36*
AMD Opteron 2218	1594	1732	49.18	\$32.42*
AMD Opteron 2220	1701	1672	1.15	\$1,475.16
AMD Opteron 2220 SE	1398	1816	55.92	\$25.00
AMD Opteron 2222	1843	1601	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1562	NA	NA
AMD Opteron 2350	2820	1226	10.45	\$269.99*
AMD Opteron 2356	2814	1232	188.25	\$14.95
AMD Opteron 2373 EE	2789	1240	NA	NA
AMD Opteron 2374 HE	2951	1183	15.53	\$189.99*
AMD Opteron 2376	2283	1414	91.32	\$25.00*
AMD Opteron 2378	3179	1109	17.76	\$179.00*
AMD Opteron 2380	2640	1285	105.64	\$25.00*
AMD Opteron 2384	3538	1016	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1017	NA	NA
AMD Opteron 2393 SE	2246	1434	NA	NA
AMD Opteron 2427	3069	1145	32.26	\$95.14*
AMD Opteron 2431	4516	810	112.91	\$40.00
AMD Opteron 2435	4708	767	39.11	\$120.40*
AMD Opteron 3260 HE	3259	1085	NA	NA
AMD Opteron 3280	5286	675	19.35	\$273.18*
AMD Opteron 3320 EE	2675	1276	NA	NA
AMD Opteron 3350 HE	4009	906	NA	NA
AMD Opteron 3365	5929	586	NA	NA
AMD Opteron 3380	6384	550	7.89	\$809.00*
AMD Opteron 4122	2942	1188	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1115	NA	NA
AMD Opteron 4184	4418	825	8.50	\$519.95*
AMD Opteron 4280	6430	546	14.09	\$456.44*
AMD Opteron 4284	6660	519	18.64	\$357.30*
AMD Opteron 4332 HE	5614	625	NA	NA
AMD Opteron 4334	6133	567	28.34	\$216.42*
AMD Opteron 4365 EE	5025	713	NA	NA
AMD Opteron 4386	5419	656	14.32	\$378.52*
AMD Opteron 6128	4505	811	214.63	\$20.99
AMD Opteron 6134	2938	1191	4.93	\$595.95*
AMD Opteron 6136	4631	784	12.90	\$359.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6164 HE	5351	667	NA	NA
AMD Opteron 6174	6171	564	561.53	\$10.99
AMD Opteron 6212	5776	605	27.57	\$209.50*
AMD Opteron 6220	6785	506	32.31	\$210.00
AMD Opteron 6234	5979	581	14.95	\$399.99*
AMD Opteron 6238	7316	460	6.72	\$1,088.11*
AMD Opteron 6272	6748	511	21.60	\$312.40
AMD Opteron 6274	4865	739	23.17	\$210.00
AMD Opteron 6276	9011	327	29.17	\$308.89
AMD Opteron 6282 SE	9116	318	8.36	\$1,089.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6287 SE	9789	264	NA	NA
AMD Opteron 6328	7813	416	15.32	\$509.98
AMD Opteron 6366 HE	7503	446	7.43	\$1,010.00
AMD Opteron 6376	9414	295	15.72	\$599.00
AMD Opteron 6378	2152	1463	5.40	\$399.00*
AMD Opteron 6380	10081	241	67.22	\$149.99
AMD Opteron 6386 SE	10748	201	71.66	\$149.99
AMD Opteron 8354	2255	1428	102.52	\$22.00
AMD Opteron 8439 SE	3813	948	50.84	\$75.00*
AMD Opteron X3216 APU	2368	1380	NA	NA
AMD Opteron X3421 APU	5075	704	NA	NA
AMD Phenom 2 X4 12000	3005	1166	NA	NA
AMD Phenom 7950 Quad-Core	2991	1171	NA	NA
AMD Phenom 8250 Triple-Core	1644	1703	NA	NA
AMD Phenom 8250e Triple-Core	1619	1716	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1637	1707	NA	NA
AMD Phenom 8450 Triple-Core	1886	1582	62.99	\$29.95*
AMD Phenom 8450e Triple-Core	2040	1509	NA	NA
AMD Phenom 8600 Triple-Core	1703	1669	32.16	\$52.99*
AMD Phenom 8600B Triple-Core	1926	1560	36.36	\$52.99*
AMD Phenom 8650 Triple-Core	1995	1527	39.91	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1502	NA	NA
AMD Phenom 8750B Triple-Core	2034	1510	NA	NA
AMD Phenom 8850 Triple-Core	2026	1512	NA	NA
AMD Phenom 8850B Triple-Core	2080	1496	NA	NA
AMD Phenom 9100e Quad-Core	1838	1605	46.03	\$39.95*
AMD Phenom 9150e Quad-Core	2116	1479	52.99	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1392	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1290	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2207	1446	24.54	\$89.96*
AMD Phenom 9550 Quad-Core	2545	1315	63.70	\$39.95*
AMD Phenom 9600 Quad-Core	2306	1397	46.18	\$49.95*
AMD Phenom 9600B Quad-Core	2571	1310	17.47	\$147.19*
AMD Phenom 9650 Quad-Core	2641	1284	48.08	\$54.95*
AMD Phenom 9750 Quad-Core	2816	1230	46.98	\$59.95*
AMD Phenom 9750B Quad-Core	2709	1266	NA	NA
AMD Phenom 9850 Quad-Core	2896	1209	57.94	\$50.00*
AMD Phenom 9850B Quad-Core	3160	1121	NA	NA
AMD Phenom 9950 Quad-Core	3015	1164	16.75	\$179.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom FX-5000 Quad-Core	2518	1326	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1184	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	993	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1028	NA	NA
AMD Phenom II N620 Dual-Core	1679	1682	42.14	\$39.86*
AMD Phenom II N640 Dual-Core	1740	1648	26.80	\$64.95*
AMD Phenom II N660 Dual-Core	1852	1595	18.72	\$99.00*
AMD Phenom II N830 3+1	2652	1281	NA	NA
AMD Phenom II N830 Triple-Core	1888	1580	NA	NA
AMD Phenom II N850 Triple-Core	1935	1555	77.40	\$25.00*
AMD Phenom II N870 Triple-Core	1988	1530	NA	NA
AMD Phenom II N930 Quad-Core	2269	1424	17.46	\$129.95*
AMD Phenom II N950 Quad-Core	2481	1343	22.04	\$112.60*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N970 Quad-Core	2522	1325	16.82	\$149.99*
AMD Phenom II P650 Dual-Core	1603	1727	45.81	\$35.00*
AMD Phenom II P820 Triple-Core	1610	1723	NA	NA
AMD Phenom II P840 Triple-Core	1731	1652	NA	NA
AMD Phenom II P860 Triple-Core	1759	1637	NA	NA
AMD Phenom II P920 Quad-Core	1861	1591	24.82	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1613	NA	NA
AMD Phenom II P960 Quad-Core	2088	1492	74.60	\$28.00*
AMD Phenom II X2 511	2104	1486	NA	NA
AMD Phenom II X2 521	2077	1498	NA	NA
AMD Phenom II X2 545	1902	1570	20.40	\$93.28
AMD Phenom II X2 550	2022	1515	20.68	\$97.81
AMD Phenom II X2 555	2041	1508	19.95	\$102.33*
AMD Phenom II X2 560	2055	1505	19.40	\$105.95
AMD Phenom II X2 565	2211	1445	20.01	\$110.48*
AMD Phenom II X2 570	1960	1539	NA	NA
AMD Phenom II X2 B53	1709	1662	NA	NA
AMD Phenom II X2 B55	1937	1552	40.37	\$48.00*
AMD Phenom II X2 B57	1848	1597	NA	NA
AMD Phenom II X2 B59	2138	1469	42.82	\$49.95*
AMD Phenom II X3 700e	2285	1412	NA	NA
AMD Phenom II X3 705e	2227	1441	14.63	\$152.34*
AMD Phenom II X3 710	2443	1354	28.91	\$84.53*
AMD Phenom II X3 715	2649	1283	31.17	\$84.99*
AMD Phenom II X3 720	2684	1273	21.18	\$126.76
AMD Phenom II X3 740	3002	1167	33.75	\$88.99*
AMD Phenom II X3 B73	2735	1263	36.47	\$75.00*
AMD Phenom II X3 B75	2946	1186	NA	NA
AMD Phenom II X3 B77	3067	1146	NA	NA
AMD Phenom II X4 805	2997	1170	17.23	\$173.99*
AMD Phenom II X4 810	3127	1129	26.97	\$115.99*
AMD Phenom II X4 820	3417	1045	45.59	\$74.95*
AMD Phenom II X4 830	3443	1038	43.07	\$79.95*
AMD Phenom II X4 840	3512	1021	39.06	\$89.95*
AMD Phenom II X4 840T	3601	997	45.05	\$79.95*
AMD Phenom II X4 850	3548	1014	31.83	\$111.49*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 900e	2882	1212	NA	NA
AMD Phenom II X4 905e	3087	1138	14.54	\$212.38*
AMD Phenom II X4 910	3258	1087	32.58	\$100.00*
AMD Phenom II X4 910e	3260	1084	20.77	\$156.99*
AMD Phenom II X4 920	3403	1049	48.63	\$69.99
AMD Phenom II X4 925	3424	1042	21.40	\$159.99*
AMD Phenom II X4 940	3597	998	29.98	\$119.99*
AMD Phenom II X4 945	3672	985	53.92	\$68.11*
AMD Phenom II X4 955	3937	922	30.25	\$130.16*
AMD Phenom II X4 960T	3794	952	28.11	\$134.99*
AMD Phenom II X4 965	4197	870	64.63	\$64.95
AMD Phenom II X4 970	4341	844	25.25	\$171.91*
AMD Phenom II X4 973	3759	963	NA	NA
AMD Phenom II X4 975	4490	814	34.55	\$129.99*
AMD Phenom II X4 977	3750	966	NA	NA
AMD Phenom II X4 980	4504	812	32.96	\$136.64*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 8700e	2377	1376	NA	NA
AMD Phenom II X4 B05e	2781	1242	NA	NA
AMD Phenom II X4 B15e	2736	1262	NA	NA
AMD Phenom II X4 B25	3336	1067	NA	NA
AMD Phenom II X4 B35	3377	1057	NA	NA
AMD Phenom II X4 B40	3406	1048	NA	NA
AMD Phenom II X4 B45	3469	1033	NA	NA
AMD Phenom II X4 B50	3701	979	NA	NA
AMD Phenom II X4 B55	3862	936	NA	NA
AMD Phenom II X4 B60	4045	896	NA	NA
AMD Phenom II X4 B65	4177	876	NA	NA
AMD Phenom II X4 B70	4261	858	NA	NA
AMD Phenom II X4 B93	3361	1061	NA	NA
AMD Phenom II X4 B95	3710	975	50.87	\$72.95*
AMD Phenom II X4 B97	3911	927	48.93	\$79.95*
AMD Phenom II X4 B99	4130	887	NA	NA
AMD Phenom II X6 1035T	4669	777	24.70	\$189.00*
AMD Phenom II X6 1045T	4824	751	27.57	\$175.00*
AMD Phenom II X6 1055T	4974	721	26.89	\$185.00*
AMD Phenom II X6 1065T	5079	702	NA	NA
AMD Phenom II X6 1075T	5351	666	20.59	\$259.99*
AMD Phenom II X6 1090T	5594	628	14.12	\$396.08*
AMD Phenom II X6 1100T	5745	611	22.98	\$249.99
AMD Phenom II X6 1405T	5042	711	NA	NA
AMD Phenom II X620 Dual-Core	2189	1453	NA	NA
AMD Phenom II X640 Dual-Core	2021	1516	NA	NA
AMD Phenom II X920 Quad-Core	2638	1286	NA	NA
AMD Phenom II X940 Quad-Core	2695	1270	NA	NA
AMD Phenom Ultra X4 24500	3945	920	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1673	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1448	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1641	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1938	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 GP-7730	1435	1801	NA	NA
AMD Phenom X3 8550	1928	1558	11.35	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1638	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1528	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1439	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2812	1233	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1265	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1271	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1926	NA	NA
AMD PRO A4-3350B APU	2833	1222	NA	NA
AMD PRO A4-8350B	2942	1189	NA	NA
AMD PRO A6-7350B	2759	1252	NA	NA
AMD PRO A6-8500B	2516	1327	NA	NA
AMD PRO A6-8530B	2435	1357	NA	NA
AMD PRO A6-8550B	3018	1161	NA	NA
AMD PRO A6-8570	3049	1153	NA	NA
AMD PRO A6-8570E	2824	1225	NA	NA
AMD PRO A6-9500	3262	1083	44.09	\$74.00*
AMD PRO A6-9500B	2076	1499	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A6-9500E	2752	1255	37.20	\$74.00*
AMD PRO A8-8600B	3561	1012	NA	NA
AMD PRO A8-8650B	5442	653	NA	NA
AMD PRO A8-8670E	4692	771	NA	NA
AMD PRO A8-9600	5321	671	44.72	\$119.00*
AMD PRO A8-9600B	4004	908	NA	NA
AMD PRO A10-8700B	3583	1004	NA	NA
AMD PRO A10-8730B	3977	914	NA	NA
AMD PRO A10-8750B	5646	622	NA	NA
AMD PRO A10-8770	5707	613	NA	NA
AMD PRO A10-8770E	4881	738	NA	NA
AMD PRO A10-8850B	5852	597	NA	NA
AMD PRO A10-9700	5683	616	33.63	\$169.00*
AMD PRO A10-9700B	4393	830	NA	NA
AMD PRO A10-9700E	4949	728	35.61	\$139.00*
AMD PRO A12-8800B	4189	874	NA	NA
AMD PRO A12-8830B	4377	834	NA	NA
AMD PRO A12-8870	6067	576	NA	NA
AMD PRO A12-8870E	4814	753	NA	NA
AMD PRO A12-9800	6199	559	36.68	\$169.00*
AMD PRO A12-9800B	4269	856	NA	NA
AMD PRO A12-9800E	4793	758	28.36	\$169.00*
AMD QC-4000	1657	1698	NA	NA
AMD R-260H APU	1576	1739	NA	NA
AMD R-460L APU	1954	1541	NA	NA
AMD R-464L APU	3073	1142	NA	NA
AMD RX-427BB	4250	862	NA	NA
AMD Ryzen 3 1200	6805	505	71.64	\$94.99
AMD Ryzen 3 1300X	7494	447	58.10	\$129.00
AMD Ryzen 3 2200G	7367	458	77.56	\$94.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 3 2200U	4437	821	NA	NA
AMD Ryzen 3 PRO 1200	7069	485	NA	NA
AMD Ryzen 3 PRO 1300	8300	377	NA	NA
AMD Ryzen 3 PRO 2200	8086	394	NA	NA
AMD Ryzen 3 PRO 2200GE	7960	408	NA	NA
AMD Ryzen 3 PRO 2300U	7221	469	NA	NA
AMD Ryzen 5 1400	8428	371	56.01	\$150.50
AMD Ryzen 5 1500X	10135	237	67.58	\$149.99
AMD Ryzen 5 1600	12288	162	72.29	\$169.99
AMD Ryzen 5 1600X	13230	142	67.68	\$195.48
AMD Ryzen 5 2400G	9302	305	64.60	\$144.00
AMD Ryzen 5 2400GE	8513	364	NA	NA
AMD Ryzen 5 2500U	7626	437	NA	NA
AMD Ryzen 5 2600	13467	137	70.88	\$189.99
AMD Ryzen 5 2600X	14497	110	65.90	\$219.99
AMD Ryzen 5 PRO 1500	10868	196	NA	NA
AMD Ryzen 5 PRO 1600	12213	164	NA	NA
AMD Ryzen 5 PRO 2400G	10204	228	NA	NA
AMD Ryzen 5 PRO 2400GE	10178	232	NA	NA
AMD Ryzen 5 PRO 2500U	9259	308	NA	NA
AMD Ryzen 7 1700	13751	129	62.51	\$219.99
AMD Ryzen 7 1700X	14619	106	61.43	\$237.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 1800X	15413	89	65.03	\$237.00
AMD Ryzen 7 2700	15330	94	51.97	\$294.99
AMD Ryzen 7 2700U	7558	441	NA	NA
AMD Ryzen 7 2700X	16956	62	54.70	\$309.99
AMD Ryzen 7 PRO 1700	14811	103	NA	NA
AMD Ryzen 7 PRO 1700X	15349	90	NA	NA
AMD Ryzen 7 PRO 2700U	9402	297	NA	NA
AMD Ryzen Threadripper 1900X	15337	91	35.67	\$429.99
AMD Ryzen Threadripper 1920X	18285	48	23.28	\$785.31
AMD Ryzen Threadripper 1950X	22088	17	29.45	\$749.99
AMD Sempron 130	656	2228	26.29	\$24.99*
AMD Sempron 140	737	2188	18.64	\$39.59*
AMD Sempron 145	811	2160	8.55	\$94.92
AMD Sempron 150	707	2204	15.74	\$44.95
AMD Sempron 200U	267	2594	3.08	\$87.00*
AMD Sempron 210U	378	2446	NA	NA
AMD Sempron 2100+	392	2435	NA	NA
AMD Sempron 2200+	281	2578	9.38	\$29.99*
AMD Sempron 2300+	318	2511	7.07	\$45.00*
AMD Sempron 2400+	313	2520	11.62	\$27.00*
AMD Sempron 2500+	335	2496	4.20	\$79.95*
AMD Sempron 2600+	373	2453	12.48	\$29.95
AMD Sempron 2650 APU	939	2091	30.32	\$31.00
AMD Sempron 2800+	383	2441	6.40	\$59.95
AMD Sempron 3000+	408	2411	20.43	\$20.00
AMD Sempron 3100+	452	2364	7.53	\$60.00*
AMD Sempron 3200+	404	2416	31.12	\$13.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 3300+	484	2335	16.14	\$30.00
AMD Sempron 3400+	454	2362	15.18	\$29.91
AMD Sempron 3500+	384	2440	19.23	\$20.00*
AMD Sempron 3600+	487	2327	40.59	\$12.00*
AMD Sempron 3800+	554	2280	26.39	\$21.00*
AMD Sempron 3850 APU	1707	1663	44.85	\$38.07
AMD Sempron Dual Core 2100	924	2101	23.69	\$39.00*
AMD Sempron Dual Core 2200	995	2049	NA	NA
AMD Sempron Dual Core 2300	982	2058	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2082	NA	NA
AMD Sempron Dual Core 4900	1081	1997	NA	NA
AMD Sempron LE-250	490	2322	NA	NA
AMD Sempron LE-1100	438	2381	NA	NA
AMD Sempron LE-1150	445	2371	NA	NA
AMD Sempron LE-1200	529	2294	NA	NA
AMD Sempron LE-1250	541	2286	6.77	\$79.95
AMD Sempron LE-1300	610	2250	30.53	\$20.00
AMD Sempron LE-1600	535	2292	NA	NA
AMD Sempron LE-1620	635	2238	NA	NA
AMD Sempron LE-1640	759	2179	NA	NA
AMD Sempron M100	558	2279	46.58	\$12.00*
AMD Sempron M120	582	2263	NA	NA
AMD Sempron SI-40	443	2374	36.93	\$12.00*
AMD Sempron SI-42	453	2363	15.11	\$30.01
AMD Sempron X2 180	1222	1917	17.62	\$69.40*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron X2 190	1513	1767	18.14	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1811	NA	NA
AMD Turion 64 Mobile MK-36	461	2354	NA	NA
AMD Turion 64 Mobile MK-38	514	2305	NA	NA
AMD Turion 64 Mobile ML-28	390	2437	NA	NA
AMD Turion 64 Mobile ML-30	402	2420	NA	NA
AMD Turion 64 Mobile ML-32	410	2408	NA	NA
AMD Turion 64 Mobile ML-34	425	2397	NA	NA
AMD Turion 64 Mobile ML-37	441	2375	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2299	NA	NA
AMD Turion 64 Mobile ML-42	615	2246	NA	NA
AMD Turion 64 Mobile ML-44	591	2258	NA	NA
AMD Turion 64 Mobile MT-28	419	2398	NA	NA
AMD Turion 64 Mobile MT-30	378	2444	NA	NA
AMD Turion 64 Mobile MT-32	426	2396	NA	NA
AMD Turion 64 Mobile MT-34	429	2393	NA	NA
AMD Turion 64 Mobile MT-37	484	2333	NA	NA
AMD Turion 64 Mobile MT-40	536	2289	NA	NA
AMD Turion 64 X2 Mobile TL-50	753	2182	15.08	\$49.99*
AMD Turion 64 X2 Mobile TL-52	760	2177	NA	NA
AMD Turion 64 X2 Mobile TL-56	884	2121	44.21	\$20.00*
AMD Turion 64 X2 Mobile TL-58	943	2085	NA	NA
AMD Turion 64 X2 Mobile TL-60	993	2052	45.15	\$22.00*
AMD Turion 64 X2 Mobile TL-62	1091	1988	3.51	\$311.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 X2 Mobile TL-64	1108	1978	28.13	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1148	1957	3.04	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	1950	12.92	\$90.00*
AMD Turion Dual-Core RM-70	904	2115	60.27	\$15.00*
AMD Turion Dual-Core RM-72	860	2131	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2031	NA	NA
AMD Turion Dual-Core RM-75	961	2073	35.02	\$27.46*
AMD Turion II Dual-Core Mobile M500	1292	1871	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1863	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1849	NA	NA
AMD Turion II N530 Dual-Core	1583	1735	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1761	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2060	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	1935	NA	NA
AMD Turion II Neo N40L Dual-Core	918	2107	NA	NA
AMD Turion II Neo N54L Dual-Core	1376	1826	NA	NA
AMD Turion II P520 Dual-Core	1357	1837	NA	NA
AMD Turion II P540 Dual-Core	1438	1800	28.80	\$49.96*
AMD Turion II P560 Dual-Core	1511	1769	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1407	1813	58.64	\$24.00*
AMD Turion II Ultra Dual-Core Mobile M620	1427	1803	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1689	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1753	NA	NA
AMD Turion Neo X2 Dual Core L625	820	2154	NA	NA
AMD Turion X2 Dual Core L510	923	2104	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2133	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2007	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	990	2054	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Dual-Core Mobile RM-72	1090	1990	4.86	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1055	2011	42.32	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1142	1964	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	1956	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1014	2034	72.45	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1081	2000	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	1923	94.53	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	1911	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1869	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1354	1839	33.92	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2046	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2023	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1791	NA	NA
AMD V105	286	2565	NA	NA
AMD V120	622	2245	NA	NA
AMD V140	640	2237	12.83	\$49.95
AMD V160	681	2219	NA	NA
AMD Z-01	523	2298	NA	NA
AMD Z-60 APU	500	2316	NA	NA
AMD-K6 3D	90	2717	NA	NA
AMD-K6-III	108	2714	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD-K7	403	2419	NA	NA
Athlon 64 Dual Core 3800+	1234	1912	NA	NA
Athlon 64 Dual Core 4200+	1156	1953	5.64	\$204.95
Athlon 64 Dual Core 4800+	1370	1828	NA	NA
Athlon 64 Dual Core 5000+	1507	1770	NA	NA
Athlon 64 Dual Core 5400+	1614	1718	NA	NA
Athlon 64 Dual Core 5600+	1548	1748	NA	NA
Athlon Dual Core 4050e	968	2067	NA	NA
Athlon Dual Core 4450e	1081	1998	NA	NA
Athlon Dual Core 4850e	1327	1853	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1220	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1083	1994	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1174	1939	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1212	1925	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1274	1890	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1927	NA	NA
HP Hexa-Core 2.0GHz	2178	1455	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2135	NA	NA
Intel 1400 @ 1.83GHz	980	2059	NA	NA
Intel 1500 @ 2.00GHz	1024	2025	NA	NA
Intel Atom 230 @ 1.60GHz	307	2528	NA	NA
Intel Atom 330 @ 1.60GHz	588	2260	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2118	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2074	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1494	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2329	1389	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1458	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3805	949	16.40	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1065	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1118	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1349	32.73	\$75.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C3558 @ 2.20GHz	2538	1318	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	742	14.62	\$332.00*
Intel Atom C3955 @ 2.10GHz	5803	601	13.37	\$434.00*
Intel Atom D410 @ 1.66GHz	303	2536	0.48	\$635.99*
Intel Atom D425 @ 1.80GHz	343	2491	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	652	2229	6.71	\$97.16*
Intel Atom D525 @ 1.80GHz	703	2207	NA	NA
Intel Atom D2500 @ 1.86GHz	405	2415	NA	NA
Intel Atom D2550 @ 1.86GHz	675	2222	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2200	NA	NA
Intel Atom D2700 @ 2.13GHz	839	2144	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2196	NA	NA
Intel Atom E660 @ 1.30GHz	271	2591	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2486	NA	NA
Intel Atom E3815 @ 1.46GHz	362	2470	2.15	\$169.00
Intel Atom E3825 @ 1.33GHz	575	2271	8.18	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2324	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2138	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom E3840 @ 1.91GHz	1162	1951	NA	NA
Intel Atom E3845 @ 1.91GHz	1494	1777	NA	NA
Intel Atom E3940 @ 1.60GHz	1920	1561	NA	NA
Intel Atom E3950 @ 1.60GHz	1804	1619	NA	NA
Intel Atom K510 @ 1.66GHz	658	2227	NA	NA
Intel Atom N270 @ 1.60GHz	270	2592	NA	NA
Intel Atom N280 @ 1.66GHz	284	2570	NA	NA
Intel Atom N435 @ 1.33GHz	261	2602	NA	NA
Intel Atom N450 @ 1.66GHz	298	2544	NA	NA
Intel Atom N455 @ 1.66GHz	284	2568	NA	NA
Intel Atom N470 @ 1.83GHz	307	2527	NA	NA
Intel Atom N475 @ 1.83GHz	314	2517	NA	NA
Intel Atom N550 @ 1.50GHz	525	2297	6.11	\$86.00*
Intel Atom N570 @ 1.66GHz	576	2269	6.70	\$86.00*
Intel Atom N2100 @ 1.60GHz	305	2531	NA	NA
Intel Atom N2600 @ 1.60GHz	527	2295	NA	NA
Intel Atom N2800 @ 1.86GHz	628	2242	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2109	14.32	\$64.00*
Intel Atom x5-E3930 @ 1.30GHz	811	2159	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1623	1714	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1200	1930	9.03	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1005	2040	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1278	1886	60.90	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1691	1678	27.04	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1835	1606	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1902	1569	25.85	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1944	1548	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2668	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2646	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2649	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2577	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2483	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2442	NA	NA
Intel Atom Z670 @ 1.50GHz	249	2617	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	2276	NA	NA
Intel Atom Z3735D @ 1.33GHz	916	2108	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2097	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	907	2114	5.00	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2112	NA	NA
Intel Atom Z3736F @ 1.33GHz	920	2105	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	2006	NA	NA
Intel Atom Z3740D @ 1.33GHz	1020	2029	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	2004	NA	NA
Intel Atom Z3745D @ 1.33GHz	1019	2030	NA	NA
Intel Atom Z3770 @ 1.46GHz	1243	1908	8.32	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2162	NA	NA
Intel Atom Z3775 @ 1.46GHz	1256	1898	35.90	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1887	NA	NA
Intel Atom Z3795 @ 1.60GHz	1771	1632	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1.70GHz	130	2707	NA	NA
Intel Celeron 1.80GHz	136	2704	NA	NA
Intel Celeron 2.00GHz	185	2676	NA	NA
Intel Celeron 2.10GHz	244	2624	NA	NA
Intel Celeron 2.13GHz	208	2656	NA	NA
Intel Celeron 2.20GHz	213	2651	NA	NA
Intel Celeron 2.26GHz	223	2641	NA	NA
Intel Celeron 2.30GHz	227	2638	NA	NA
Intel Celeron 2.40GHz	217	2647	NA	NA
Intel Celeron 2.50GHz	247	2619	NA	NA
Intel Celeron 2.53GHz	245	2622	NA	NA
Intel Celeron 2.60GHz	238	2628	NA	NA
Intel Celeron 2.66GHz	252	2613	NA	NA
Intel Celeron 2.70GHz	245	2623	NA	NA
Intel Celeron 2.80GHz	254	2609	NA	NA
Intel Celeron 2.93GHz	285	2566	NA	NA
Intel Celeron 3.06GHz	284	2567	NA	NA
Intel Celeron 3.20GHz	288	2558	NA	NA
Intel Celeron 3.33GHz	333	2499	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2507	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2510	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2365	2.00	\$225.00
Intel Celeron 430 @ 1.80GHz	492	2319	2.19	\$225.00
Intel Celeron 440 @ 2.00GHz	546	2281	6.84	\$79.95
Intel Celeron 450 @ 2.20GHz	626	2243	2.78	\$225.00
Intel Celeron 530 @ 1.73GHz	468	2346	20.37	\$23.00*
Intel Celeron 540 @ 1.86GHz	511	2308	NA	NA
Intel Celeron 550 @ 2.00GHz	514	2304	15.22	\$33.80
Intel Celeron 560 @ 2.13GHz	535	2291	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2300	NA	NA
Intel Celeron 600MHz	147	2700	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2414	NA	NA
Intel Celeron 743 @ 1.30GHz	435	2385	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2184	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2459	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2247	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2093	2.97	\$315.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 847E @ 1.10GHz	1026	2024	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	1962	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	1943	NA	NA
Intel Celeron 877 @ 1.40GHz	1288	1877	NA	NA
Intel Celeron 887 @ 1.50GHz	1286	1879	NA	NA
Intel Celeron 900 @ 2.20GHz	677	2221	23.39	\$28.99
Intel Celeron 925 @ 2.30GHz	688	2213	NA	NA
Intel Celeron 1000M @ 1.80GHz	1674	1686	NA	NA
Intel Celeron 1000MHz	241	2626	NA	NA
Intel Celeron 1005M @ 1.90GHz	1817	1615	NA	NA
Intel Celeron 1007U @ 1.50GHz	1395	1818	7.55	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1521	1759	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1019Y @ 1.00GHz	926	2099	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1440	NA	NA
Intel Celeron 1037U @ 1.80GHz	1736	1650	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1934	NA	NA
Intel Celeron 1066MHz	259	2603	NA	NA
Intel Celeron 1100MHz	174	2686	NA	NA
Intel Celeron 1133MHz	282	2572	NA	NA
Intel Celeron 1200MHz	244	2625	NA	NA
Intel Celeron 1300MHz	288	2560	NA	NA
Intel Celeron 1333MHz	290	2554	NA	NA
Intel Celeron 1400MHz	302	2537	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1384	NA	NA
Intel Celeron 2950M @ 2.00GHz	2008	1522	NA	NA
Intel Celeron 2955U @ 1.40GHz	1433	1802	NA	NA
Intel Celeron 2957U @ 1.40GHz	1451	1793	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	1976	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1396	NA	NA
Intel Celeron 2980U @ 1.60GHz	1576	1740	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1741	NA	NA
Intel Celeron 3205U @ 1.50GHz	1541	1750	5.37	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1639	1705	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1670	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1529	NA	NA
Intel Celeron 3855U @ 1.60GHz	1657	1697	NA	NA
Intel Celeron 3865U @ 1.80GHz	1932	1556	NA	NA
Intel Celeron 3955U @ 2.00GHz	1801	1621	NA	NA
Intel Celeron 3965U @ 2.20GHz	2470	1346	23.09	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1619	1715	15.14	\$107.00*
Intel Celeron @ 1.30GHz	965	2069	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2674	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2157	NA	NA
Intel Celeron B800 @ 1.50GHz	1280	1885	NA	NA
Intel Celeron B810 @ 1.60GHz	1402	1814	NA	NA
Intel Celeron B815 @ 1.60GHz	1370	1829	NA	NA
Intel Celeron B820 @ 1.70GHz	1427	1804	36.33	\$39.29
Intel Celeron B830 @ 1.80GHz	1520	1762	NA	NA
Intel Celeron B840 @ 1.90GHz	1725	1654	NA	NA
Intel Celeron D 347 @ 3.06GHz	272	2589	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2538	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2514	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron D 360 @ 3.46GHz	334	2498	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2417	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2337	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2262	NA	NA
Intel Celeron E1200 @ 1.60GHz	861	2130	3.83	\$225.00
Intel Celeron E1400 @ 2.00GHz	1047	2012	1.65	\$635.00
Intel Celeron E1500 @ 2.20GHz	1166	1949	18.44	\$63.25*
Intel Celeron E1600 @ 2.40GHz	1260	1896	NA	NA
Intel Celeron E3200 @ 2.40GHz	1391	1819	26.77	\$51.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron E3300 @ 2.50GHz	1391	1820	2.53	\$550.00
Intel Celeron E3400 @ 2.60GHz	1442	1798	4.31	\$335.00
Intel Celeron E3500 @ 2.70GHz	1454	1790	36.37	\$39.99
Intel Celeron G440 @ 1.60GHz	690	2212	13.81	\$49.99
Intel Celeron G460 @ 1.80GHz	1028	2021	15.83	\$65.00
Intel Celeron G465 @ 1.90GHz	1074	2003	13.43	\$80.00*
Intel Celeron G470 @ 2.00GHz	1298	1868	NA	NA
Intel Celeron G530 @ 2.40GHz	2148	1465	53.74	\$39.99
Intel Celeron G530T @ 2.00GHz	1604	1725	NA	NA
Intel Celeron G540 @ 2.50GHz	2200	1449	87.92	\$25.03*
Intel Celeron G540T @ 2.10GHz	2114	1480	NA	NA
Intel Celeron G550 @ 2.60GHz	2288	1408	114.47	\$19.99*
Intel Celeron G550T @ 2.20GHz	2063	1500	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1361	15.77	\$153.59
Intel Celeron G1101 @ 2.27GHz	1667	1691	115.47	\$14.44
Intel Celeron G1610 @ 2.60GHz	2495	1336	99.84	\$24.99
Intel Celeron G1610T @ 2.30GHz	2304	1399	57.55	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2581	1306	16.81	\$153.59
Intel Celeron G1620T @ 2.40GHz	2353	1386	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2483	1341	49.68	\$49.99
Intel Celeron G1820 @ 2.70GHz	2763	1251	18.42	\$149.99
Intel Celeron G1820T @ 2.40GHz	2505	1332	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1472	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1317	35.84	\$70.99*
Intel Celeron G1840 @ 2.80GHz	2866	1214	47.78	\$59.99
Intel Celeron G1840T @ 2.50GHz	2605	1296	NA	NA
Intel Celeron G1850 @ 2.90GHz	2902	1204	36.28	\$80.00*
Intel Celeron G3900 @ 2.80GHz	3030	1159	77.72	\$38.99
Intel Celeron G3900E @ 2.40GHz	2679	1275	NA	NA
Intel Celeron G3900T @ 2.60GHz	2902	1205	NA	NA
Intel Celeron G3920 @ 2.90GHz	3421	1043	85.65	\$39.95
Intel Celeron G3930 @ 2.90GHz	3050	1151	NA	NA
Intel Celeron G3950 @ 3.00GHz	3334	1069	46.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3031	1158	70.48	\$43.02
Intel Celeron G4900T @ 2.90GHz	2960	1180	NA	NA
Intel Celeron J1750 @ 2.41GHz	1037	2019	NA	NA
Intel Celeron J1800 @ 2.41GHz	1024	2026	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1719	NA	NA
Intel Celeron J1900 @ 1.99GHz	1862	1590	NA	NA
Intel Celeron J3060 @ 1.60GHz	972	2061	NA	NA
Intel Celeron J3160 @ 1.60GHz	1788	1627	NA	NA
Intel Celeron J3355 @ 2.00GHz	1229	1913	NA	NA
Intel Celeron J3455 @ 1.50GHz	2145	1467	5.36	\$399.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 1.00GHz	207	2657	17.29	\$11.99*
Intel Celeron M 1.30GHz	316	2513	NA	NA
Intel Celeron M 1.50GHz	343	2490	NA	NA
Intel Celeron M 1.60GHz	365	2466	NA	NA
Intel Celeron M 1.70GHz	393	2434	NA	NA
Intel Celeron M 360 1.40GHz	327	2504	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 410 @ 1.46GHz	315	2515	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2493	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2462	NA	NA
Intel Celeron M 440 @ 1.86GHz	412	2404	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2610	NA	NA
Intel Celeron M 450 @ 2.00GHz	455	2360	NA	NA
Intel Celeron M 520 @ 1.60GHz	434	2389	NA	NA
Intel Celeron M 530 @ 1.73GHz	459	2356	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2285	NA	NA
Intel Celeron M 600MHz	151	2698	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2359	NA	NA
Intel Celeron M 900MHz	202	2661	NA	NA
Intel Celeron M 1200MHz	275	2587	NA	NA
Intel Celeron M 1300MHz	303	2534	NA	NA
Intel Celeron M 1500MHz	332	2501	NA	NA
Intel Celeron M ULV 800MHz	184	2679	NA	NA
Intel Celeron N2805 @ 1.46GHz	454	2361	NA	NA
Intel Celeron N2806 @ 1.60GHz	789	2166	NA	NA
Intel Celeron N2807 @ 1.58GHz	853	2137	NA	NA
Intel Celeron N2808 @ 1.58GHz	927	2096	NA	NA
Intel Celeron N2810 @ 2.00GHz	777	2169	5.55	\$139.99*
Intel Celeron N2815 @ 1.86GHz	863	2128	NA	NA
Intel Celeron N2820 @ 2.13GHz	941	2088	5.04	\$187.00
Intel Celeron N2830 @ 2.16GHz	951	2080	NA	NA
Intel Celeron N2840 @ 2.16GHz	1005	2041	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	1929	NA	NA
Intel Celeron N2920 @ 1.86GHz	1516	1766	NA	NA
Intel Celeron N2930 @ 1.83GHz	1633	1709	NA	NA
Intel Celeron N2940 @ 1.83GHz	1734	1651	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2116	NA	NA
Intel Celeron N3010 @ 1.04GHz	953	2079	NA	NA
Intel Celeron N3050 @ 1.60GHz	881	2122	7.38	\$119.42*
Intel Celeron N3060 @ 1.60GHz	991	2053	NA	NA
Intel Celeron N3150 @ 1.60GHz	1656	1699	NA	NA
Intel Celeron N3160 @ 1.60GHz	1702	1671	5.93	\$286.99*
Intel Celeron N3350 @ 1.10GHz	1122	1968	NA	NA
Intel Celeron N3450 @ 1.10GHz	1827	1610	10.86	\$168.25
Intel Celeron P4500 @ 1.87GHz	1139	1966	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2051	NA	NA
Intel Celeron P4600 @ 2.00GHz	1340	1845	NA	NA
Intel Celeron SU2300 @ 1.20GHz	776	2170	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2081	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2008	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1667	NA	NA
Intel Celeron U3400 @ 1.07GHz	733	2189	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2216	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron U3600 @ 1.20GHz	809	2161	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1047	2013	6.63	\$157.95
Intel Core2 Duo E4400 @ 2.00GHz	1158	1952	7.34	\$157.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E4500 @ 2.20GHz	1275	1888	3.04	\$420.00
Intel Core2 Duo E4600 @ 2.40GHz	1385	1821	8.77	\$157.95
Intel Core2 Duo E4700 @ 2.60GHz	1484	1780	14.85	\$100.00*
Intel Core2 Duo E6300 @ 1.86GHz	1110	1975	7.03	\$157.95
Intel Core2 Duo E6320 @ 1.86GHz	1184	1936	7.50	\$157.95
Intel Core2 Duo E6400 @ 2.13GHz	1290	1875	8.17	\$157.95
Intel Core2 Duo E6420 @ 2.13GHz	1362	1834	8.63	\$157.95
Intel Core2 Duo E6540 @ 2.33GHz	1457	1789	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1499	1774	9.49	\$157.95
Intel Core2 Duo E6600 @ 2.40GHz	1553	1747	9.84	\$157.95
Intel Core2 Duo E6700 @ 2.66GHz	1694	1677	56.51	\$29.99
Intel Core2 Duo E6750 @ 2.66GHz	1716	1658	7.63	\$225.00
Intel Core2 Duo E6850 @ 3.00GHz	1952	1544	12.36	\$157.95
Intel Core2 Duo E7200 @ 2.53GHz	1636	1708	10.36	\$157.95
Intel Core2 Duo E7300 @ 2.66GHz	1726	1653	7.67	\$225.00
Intel Core2 Duo E7400 @ 2.80GHz	1776	1630	59.31	\$29.95
Intel Core2 Duo E7500 @ 2.93GHz	1874	1586	110.35	\$16.99
Intel Core2 Duo E7600 @ 3.06GHz	1977	1534	16.49	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1523	1757	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1765	1635	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1887	1581	11.95	\$157.95
Intel Core2 Duo E8235 @ 2.80GHz	1953	1542	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1385	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1999	1526	142.95	\$13.99
Intel Core2 Duo E8335 @ 2.66GHz	1846	1598	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1474	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2154	1462	38.82	\$55.49*
Intel Core2 Duo E8435 @ 3.06GHz	2126	1476	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2286	1409	57.17	\$39.99
Intel Core2 Duo E8600 @ 3.33GHz	2408	1367	89.25	\$26.99
Intel Core2 Duo E8700 @ 3.50GHz	2212	1444	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2175	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2217	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	841	2142	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2139	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	966	2068	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	965	2070	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	1969	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	2005	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1339	1846	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	1876	64.53	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	1867	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1420	1807	35.52	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2083	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1523	1756	6.62	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1450	1794	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2028	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1458	1788	4.91	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1540	1751	31.32	\$49.18*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P8700 @ 2.53GHz	1628	1712	42.88	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1746	1644	30.65	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1744	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1765	1634	1.77	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1768	1633	17.86	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1878	1584	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2012	1519	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2259	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1268	1894	5.01	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1685	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	931	2094	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	829	2149	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	832	2147	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	816	2156	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	936	2092	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2110	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	909	2113	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2103	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1046	2014	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1028	2022	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	987	2057	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1093	1987	109.44	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1110	1974	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1191	1933	74.91	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1143	1963	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	1924	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1225	1916	81.74	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1287	1878	85.86	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1250	1903	32.49	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1363	1832	72.15	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1368	1830	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1014	2032	46.14	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1166	1948	11.67	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1112	1973	5.52	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1194	1931	38.54	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1242	1909	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1274	1889	29.64	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1375	1827	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1417	1808	30.17	\$46.99*
Intel Core2 Duo T7800 @ 2.60GHz	1614	1720	2.65	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1293	1870	1.29	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1479	1782	6.91	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1667	1690	28.76	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1737	1649	24.83	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1807	1617	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1800	1622	6.02	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1559	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2019	1517	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2127	1475	5.33	\$398.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo U7300 @ 1.30GHz	868	2127	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo U7500 @ 1.06GHz	582	2264	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	664	2223	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2209	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2132	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1131	1967	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1679	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3651	989	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3639	990	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3464	1035	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1869	1589	7.09	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1620	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1851	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1706	1665	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1906	1565	4.65	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2055	1506	2.41	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4166	880	4.58	\$909.00*
Intel Core2 Extreme X9750 @ 3.16GHz	4597	793	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4611	789	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	778	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2957	1182	73.97	\$39.99
Intel Core2 Quad Q6700 @ 2.66GHz	3287	1078	121.84	\$26.98
Intel Core2 Quad Q8200 @ 2.33GHz	2815	1231	122.46	\$22.99
Intel Core2 Quad Q8300 @ 2.50GHz	2989	1172	59.80	\$49.99
Intel Core2 Quad Q8400 @ 2.66GHz	3175	1110	31.92	\$99.50*
Intel Core2 Quad Q9000 @ 2.00GHz	2528	1323	6.50	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3244	1092	8.41	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3163	1117	63.27	\$49.99
Intel Core2 Quad Q9400 @ 2.66GHz	3352	1064	98.67	\$33.98
Intel Core2 Quad Q9450 @ 2.66GHz	3765	961	11.24	\$335.00
Intel Core2 Quad Q9500 @ 2.83GHz	3557	1013	104.66	\$33.99
Intel Core2 Quad Q9505 @ 2.83GHz	3583	1005	18.86	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3979	912	10.13	\$392.90
Intel Core2 Quad Q9650 @ 3.00GHz	4184	875	34.88	\$119.99
Intel Core2 Quad Q9705 @ 3.16GHz	3947	918	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	303	2533	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2523	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2401	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	466	2348	NA	NA
Intel Core 330 @ 1.60GHz	643	2234	NA	NA
Intel Core 860 @ 2.80GHz	4555	802	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2197	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2201	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2193	NA	NA
Intel Core Duo T2050 @ 1.60GHz	698	2210	NA	NA
Intel Core Duo T2250 @ 1.73GHz	758	2180	NA	NA
Intel Core Duo T2300 @ 1.66GHz	730	2190	NA	NA
Intel Core Duo T2350 @ 1.86GHz	760	2176	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2164	49.64	\$16.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2450 @ 2.00GHz	822	2151	NA	NA
Intel Core Duo T2500 @ 2.00GHz	869	2125	7.24	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	941	2089	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2027	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo U2400 @ 1.06GHz	544	2284	NA	NA
Intel Core Duo U2500 @ 1.20GHz	517	2301	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1554	NA	NA
Intel Core i3-330M @ 2.13GHz	1791	1626	36.89	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1074	2002	NA	NA
Intel Core i3-350M @ 2.27GHz	1894	1576	49.77	\$38.06
Intel Core i3-370M @ 2.40GHz	2017	1518	50.50	\$39.96
Intel Core i3-380M @ 2.53GHz	2095	1489	42.77	\$49.00*
Intel Core i3-380UM @ 1.33GHz	1166	1947	NA	NA
Intel Core i3-390M @ 2.67GHz	2176	1457	55.87	\$38.95*
Intel Core i3-530 @ 2.93GHz	2572	1309	128.62	\$20.00
Intel Core i3-540 @ 3.07GHz	2690	1272	128.10	\$21.00
Intel Core i3-550 @ 3.20GHz	2825	1224	15.70	\$179.95
Intel Core i3-560 @ 3.33GHz	2943	1187	98.18	\$29.98
Intel Core i3-2100 @ 3.10GHz	3683	983	122.77	\$30.00
Intel Core i3-2100T @ 2.50GHz	2911	1198	48.54	\$59.99
Intel Core i3-2102 @ 3.10GHz	3736	970	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3721	972	31.54	\$118.00*
Intel Core i3-2120 @ 3.30GHz	3920	926	130.68	\$30.00
Intel Core i3-2120T @ 2.60GHz	3160	1122	29.27	\$107.98
Intel Core i3-2125 @ 3.30GHz	4020	902	20.20	\$199.00
Intel Core i3-2130 @ 3.40GHz	4061	893	58.03	\$69.99
Intel Core i3-2140 @ 3.50GHz	4325	849	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1219	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2427	1359	53.95	\$44.99
Intel Core i3-2312M @ 2.10GHz	2381	1374	NA	NA
Intel Core i3-2328M @ 2.20GHz	2534	1320	27.27	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1141	NA	NA
Intel Core i3-2330M @ 2.20GHz	2523	1324	25.92	\$97.39
Intel Core i3-2332M @ 2.20GHz	2382	1373	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1656	NA	NA
Intel Core i3-2348M @ 2.30GHz	2622	1289	NA	NA
Intel Core i3-2350M @ 2.30GHz	2618	1291	62.40	\$41.97*
Intel Core i3-2357M @ 1.30GHz	1556	1746	NA	NA
Intel Core i3-2365M @ 1.40GHz	1679	1683	NA	NA
Intel Core i3-2367M @ 1.40GHz	1703	1668	NA	NA
Intel Core i3-2370M @ 2.40GHz	2769	1246	46.95	\$59.00
Intel Core i3-2375M @ 1.50GHz	1781	1628	NA	NA
Intel Core i3-2377M @ 1.50GHz	1830	1608	NA	NA
Intel Core i3-3110M @ 2.40GHz	3073	1143	21.96	\$139.95
Intel Core i3-3120M @ 2.50GHz	3217	1101	20.11	\$160.00
Intel Core i3-3130M @ 2.60GHz	3374	1059	NA	NA
Intel Core i3-3210 @ 3.20GHz	4033	898	36.67	\$110.00
Intel Core i3-3217U @ 1.80GHz	2300	1401	6.63	\$347.12*
Intel Core i3-3217UE @ 1.60GHz	2162	1461	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3220 @ 3.30GHz	4234	865	65.65	\$64.49
Intel Core i3-3220T @ 2.80GHz	3700	981	37.01	\$99.99
Intel Core i3-3225 @ 3.30GHz	4338	846	43.39	\$99.99
Intel Core i3-3227U @ 1.90GHz	2461	1348	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1694	1676	NA	NA
Intel Core i3-3240 @ 3.40GHz	4314	850	63.46	\$67.99
Intel Core i3-3240T @ 2.90GHz	3668	987	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3245 @ 3.40GHz	4424	823	37.50	\$118.00
Intel Core i3-3250 @ 3.50GHz	4447	818	46.82	\$94.99
Intel Core i3-3250T @ 3.00GHz	3021	1160	NA	NA
Intel Core i3-4000M @ 2.40GHz	3238	1093	16.20	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2447	1353	NA	NA
Intel Core i3-4010U @ 1.70GHz	2439	1355	19.62	\$124.31
Intel Core i3-4010Y @ 1.30GHz	1897	1573	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2138	1470	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2206	1447	NA	NA
Intel Core i3-4025U @ 1.90GHz	2777	1244	NA	NA
Intel Core i3-4030U @ 1.90GHz	2705	1268	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1331	NA	NA
Intel Core i3-4100M @ 2.50GHz	3465	1034	15.85	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	935	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1206	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1152	NA	NA
Intel Core i3-4130 @ 3.40GHz	4793	757	34.24	\$139.99
Intel Core i3-4130T @ 2.90GHz	4133	885	46.44	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4900	736	44.55	\$110.00
Intel Core i3-4150T @ 3.00GHz	4260	860	18.53	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1197	NA	NA
Intel Core i3-4160 @ 3.60GHz	5054	709	50.55	\$99.99
Intel Core i3-4160T @ 3.10GHz	4392	831	29.28	\$149.99
Intel Core i3-4170 @ 3.70GHz	5186	687	35.05	\$148.00
Intel Core i3-4170T @ 3.20GHz	4591	795	30.62	\$149.95*
Intel Core i3-4330 @ 3.50GHz	5088	701	28.27	\$179.99
Intel Core i3-4330T @ 3.00GHz	4482	816	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3161	1119	NA	NA
Intel Core i3-4340 @ 3.60GHz	5237	680	30.81	\$169.99
Intel Core i3-4350 @ 3.60GHz	4963	724	29.20	\$169.99
Intel Core i3-4350T @ 3.10GHz	4302	852	NA	NA
Intel Core i3-4360 @ 3.70GHz	5455	649	19.49	\$279.95*
Intel Core i3-4360T @ 3.20GHz	4636	782	NA	NA
Intel Core i3-4370 @ 3.80GHz	5599	627	12.44	\$449.97
Intel Core i3-4370T @ 3.30GHz	4832	748	35.02	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	731	NA	NA
Intel Core i3-5005U @ 2.00GHz	2907	1200	NA	NA
Intel Core i3-5010U @ 2.10GHz	3059	1149	10.07	\$303.93*
Intel Core i3-5015U @ 2.10GHz	3040	1156	NA	NA
Intel Core i3-5020U @ 2.20GHz	3186	1107	6.94	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3668	986	NA	NA
Intel Core i3-6006U @ 2.00GHz	3108	1132	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-6098P @ 3.60GHz	5436	654	40.65	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5493	640	47.77	\$114.99
Intel Core i3-6100E @ 2.70GHz	3769	959	NA	NA
Intel Core i3-6100H @ 2.70GHz	4230	866	NA	NA
Intel Core i3-6100T @ 3.20GHz	4845	746	37.27	\$129.99
Intel Core i3-6100TE @ 2.70GHz	4337	847	NA	NA
Intel Core i3-6100U @ 2.30GHz	3604	996	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3833	942	NA	NA
Intel Core i3-6300 @ 3.80GHz	5853	596	42.47	\$137.84
Intel Core i3-6300T @ 3.30GHz	5245	679	37.47	\$139.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-6320 @ 3.90GHz	6045	577	39.51	\$152.99
Intel Core i3-7020U @ 2.30GHz	3664	988	13.04	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5787	603	50.33	\$114.99
Intel Core i3-7100H @ 3.00GHz	4768	760	21.19	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5078	703	NA	NA
Intel Core i3-7100U @ 2.40GHz	3824	944	12.74	\$300.29
Intel Core i3-7101TE @ 3.40GHz	5016	715	42.88	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4110	889	14.63	\$281.00*
Intel Core i3-7300 @ 4.00GHz	6438	543	40.52	\$158.89*
Intel Core i3-7300T @ 3.50GHz	5366	661	NA	NA
Intel Core i3-7320 @ 4.10GHz	6541	530	36.36	\$179.90*
Intel Core i3-7350K @ 4.20GHz	6622	523	36.79	\$179.99
Intel Core i3-8100 @ 3.60GHz	8079	395	67.34	\$119.99
Intel Core i3-8130U @ 2.20GHz	5217	682	18.57	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8762	349	63.50	\$138.00*
Intel Core i3-8300T @ 3.20GHz	8009	405	35.13	\$227.99*
Intel Core i3-8350K @ 4.00GHz	9234	310	50.19	\$183.99
Intel Core i5 750S @ 2.40GHz	2197	1450	21.97	\$99.99
Intel Core i5 E 520 @ 2.40GHz	2486	1340	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3612	994	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3900	928	NA	NA
Intel Core i5-430M @ 2.27GHz	2100	1488	15.01	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1339	1847	NA	NA
Intel Core i5-450M @ 2.40GHz	2112	1483	66.11	\$31.95*
Intel Core i5-460M @ 2.53GHz	2328	1390	31.07	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	1999	NA	NA
Intel Core i5-480M @ 2.67GHz	2410	1365	29.91	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1435	NA	NA
Intel Core i5-520M @ 2.40GHz	2371	1379	39.53	\$59.99
Intel Core i5-520UM @ 1.07GHz	1356	1838	NA	NA
Intel Core i5-540M @ 2.53GHz	2448	1352	12.89	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1415	1809	NA	NA
Intel Core i5-560M @ 2.67GHz	2588	1301	31.58	\$81.97
Intel Core i5-560UM @ 1.33GHz	1664	1693	NA	NA
Intel Core i5-580M @ 2.67GHz	2617	1292	10.15	\$258.00*
Intel Core i5-650 @ 3.20GHz	3106	1133	88.54	\$35.08
Intel Core i5-655K @ 3.20GHz	3399	1051	56.67	\$59.99
Intel Core i5-660 @ 3.33GHz	3258	1088	66.49	\$49.00
Intel Core i5-661 @ 3.33GHz	3180	1108	12.62	\$252.01
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-670 @ 3.47GHz	3312	1074	36.82	\$89.99
Intel Core i5-680 @ 3.60GHz	3513	1020	39.05	\$89.99
Intel Core i5-750 @ 2.67GHz	3700	980	20.97	\$176.50*
Intel Core i5-760 @ 2.80GHz	3896	931	38.97	\$99.99
Intel Core i5-2300 @ 2.80GHz	5349	668	64.46	\$82.99*
Intel Core i5-2310 @ 2.90GHz	5525	639	78.96	\$69.98
Intel Core i5-2320 @ 3.00GHz	5753	608	22.13	\$259.95
Intel Core i5-2380P @ 3.10GHz	5679	617	31.55	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4260	859	42.65	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5949	583	70.83	\$83.99
Intel Core i5-2400S @ 2.50GHz	4952	727	32.95	\$150.34
Intel Core i5-2405S @ 2.50GHz	5051	710	30.72	\$164.40*
Intel Core i5-2410M @ 2.30GHz	3167	1114	40.57	\$78.07

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2415M @ 2.30GHz	3299	1077	NA	NA
Intel Core i5-2430M @ 2.40GHz	3282	1080	36.47	\$90.00
Intel Core i5-2435M @ 2.40GHz	3225	1097	NA	NA
Intel Core i5-2450M @ 2.50GHz	3398	1053	26.14	\$130.00*
Intel Core i5-2450P @ 3.20GHz	6132	568	68.15	\$89.99
Intel Core i5-2467M @ 1.60GHz	2337	1388	NA	NA
Intel Core i5-2500 @ 3.30GHz	6327	553	44.11	\$143.43
Intel Core i5-2500K @ 3.30GHz	6475	536	46.26	\$139.99
Intel Core i5-2500S @ 2.70GHz	5304	673	27.92	\$190.00
Intel Core i5-2500T @ 2.30GHz	4680	775	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	984	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1073	NA	NA
Intel Core i5-2520M @ 2.50GHz	3584	1003	21.13	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2090	1491	NA	NA
Intel Core i5-2540M @ 2.60GHz	3784	957	42.07	\$89.97
Intel Core i5-2550K @ 3.40GHz	6700	514	67.01	\$99.99
Intel Core i5-2557M @ 1.70GHz	2651	1282	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	965	NA	NA
Intel Core i5-3210M @ 2.50GHz	3819	946	31.75	\$120.29
Intel Core i5-3230M @ 2.60GHz	3937	923	15.77	\$249.65*
Intel Core i5-3317U @ 1.70GHz	3089	1136	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4113	888	33.52	\$122.74*
Intel Core i5-3330 @ 3.00GHz	5926	587	16.47	\$359.95*
Intel Core i5-3330S @ 2.70GHz	5664	619	56.65	\$99.99
Intel Core i5-3335S @ 2.70GHz	5788	602	NA	NA
Intel Core i5-3337U @ 1.80GHz	3218	1100	14.31	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2237	1438	NA	NA
Intel Core i5-3340 @ 3.10GHz	6078	574	23.20	\$262.01
Intel Core i5-3340M @ 2.70GHz	4244	863	53.09	\$79.95
Intel Core i5-3340S @ 2.80GHz	5819	600	38.80	\$149.99
Intel Core i5-3350P @ 3.10GHz	6141	565	21.40	\$287.00
Intel Core i5-3360M @ 2.80GHz	4417	826	20.81	\$212.35
Intel Core i5-3380M @ 2.90GHz	4417	827	NA	NA
Intel Core i5-3427U @ 1.80GHz	3547	1015	8.45	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3636	992	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1193	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3450 @ 3.10GHz	6513	533	50.11	\$129.99
Intel Core i5-3450S @ 2.80GHz	6202	558	62.03	\$99.99
Intel Core i5-3470 @ 3.20GHz	6681	517	53.86	\$124.05
Intel Core i5-3470S @ 2.90GHz	6345	552	44.83	\$141.56
Intel Core i5-3470T @ 2.90GHz	4489	815	19.87	\$226.00*
Intel Core i5-3475S @ 2.90GHz	6618	524	48.85	\$135.50
Intel Core i5-3550 @ 3.30GHz	6933	494	33.74	\$205.50
Intel Core i5-3550S @ 3.00GHz	6845	500	29.70	\$230.51*
Intel Core i5-3570 @ 3.40GHz	7094	480	50.68	\$139.99
Intel Core i5-3570K @ 3.40GHz	7167	472	44.80	\$159.99
Intel Core i5-3570S @ 3.10GHz	6692	515	23.48	\$285.00
Intel Core i5-3570T @ 2.30GHz	5877	591	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3786	956	NA	NA
Intel Core i5-4200H @ 2.80GHz	4439	820	NA	NA
Intel Core i5-4200M @ 2.50GHz	4040	897	22.45	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3285	1079	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4200Y @ 1.40GHz	2407	1368	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2256	1427	NA	NA
Intel Core i5-4210H @ 2.90GHz	4540	805	NA	NA
Intel Core i5-4210M @ 2.60GHz	4191	872	13.52	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3400	1050	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2375	1378	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1426	NA	NA
Intel Core i5-4250U @ 1.30GHz	3456	1036	9.63	\$358.99*
Intel Core i5-4258U @ 2.40GHz	4077	891	NA	NA
Intel Core i5-4260U @ 1.40GHz	3593	1000	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	838	NA	NA
Intel Core i5-4288U @ 2.60GHz	4365	839	NA	NA
Intel Core i5-4300M @ 2.60GHz	4407	828	NA	NA
Intel Core i5-4300U @ 1.90GHz	3741	968	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2482	1342	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2967	1178	NA	NA
Intel Core i5-4308U @ 2.80GHz	4190	873	NA	NA
Intel Core i5-4310M @ 2.70GHz	4615	787	NA	NA
Intel Core i5-4310U @ 2.00GHz	3706	976	NA	NA
Intel Core i5-4330M @ 2.80GHz	4442	819	16.16	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4810	755	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	995	NA	NA
Intel Core i5-4400E @ 2.70GHz	1271	1892	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	919	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1235	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6309	554	35.05	\$179.99
Intel Core i5-4430S @ 2.70GHz	5910	589	39.94	\$147.99*
Intel Core i5-4440 @ 3.10GHz	6487	535	38.17	\$169.99
Intel Core i5-4440S @ 2.80GHz	6198	560	13.39	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6705	513	37.26	\$179.99
Intel Core i5-4460S @ 2.90GHz	6401	549	9.70	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4953	726	NA	NA
Intel Core i5-4570 @ 3.20GHz	7109	477	39.50	\$179.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4570R @ 2.70GHz	6727	512	NA	NA
Intel Core i5-4570S @ 2.90GHz	6778	508	16.53	\$409.95
Intel Core i5-4570T @ 2.90GHz	4822	752	40.19	\$119.99
Intel Core i5-4570TE @ 2.70GHz	4008	907	20.04	\$199.99
Intel Core i5-4590 @ 3.30GHz	7285	464	38.35	\$189.98
Intel Core i5-4590S @ 3.00GHz	7002	489	14.06	\$497.99
Intel Core i5-4590T @ 2.00GHz	5580	631	NA	NA
Intel Core i5-4670 @ 3.40GHz	7427	453	39.30	\$188.99
Intel Core i5-4670K @ 3.40GHz	7630	436	25.43	\$299.99
Intel Core i5-4670K CPT @ 3.40GHz	7411	455	NA	NA
Intel Core i5-4670S @ 3.10GHz	6436	544	NA	NA
Intel Core i5-4670T @ 2.30GHz	6204	557	29.13	\$213.00
Intel Core i5-4690 @ 3.50GHz	7647	434	38.24	\$199.99
Intel Core i5-4690K @ 3.50GHz	7792	420	35.59	\$218.98
Intel Core i5-4690S @ 3.20GHz	7424	454	13.05	\$569.00*
Intel Core i5-4690T @ 2.50GHz	6459	538	NA	NA
Intel Core i5-5200U @ 2.20GHz	3490	1027	NA	NA
Intel Core i5-5250U @ 1.60GHz	3591	1002	8.13	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4400	829	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-5287U @ 2.90GHz	4681	774	NA	NA
Intel Core i5-5300U @ 2.30GHz	3800	951	7.71	\$493.06
Intel Core i5-5350U @ 1.80GHz	3316	1072	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	450	NA	NA
Intel Core i5-5675C @ 3.10GHz	8201	384	13.42	\$611.32*
Intel Core i5-5675R @ 3.10GHz	8054	397	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4171	878	NA	NA
Intel Core i5-6200U @ 2.30GHz	4014	903	NA	NA
Intel Core i5-6260U @ 1.80GHz	4364	840	8.41	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4959	725	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	764	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6085	572	NA	NA
Intel Core i5-6300U @ 2.40GHz	4374	835	NA	NA
Intel Core i5-6360U @ 2.00GHz	4836	747	NA	NA
Intel Core i5-6400 @ 2.70GHz	6759	510	42.51	\$159.00
Intel Core i5-6400T @ 2.20GHz	5588	630	33.07	\$169.00
Intel Core i5-6402P @ 2.80GHz	7106	478	37.40	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	604	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6782	507	NA	NA
Intel Core i5-6500 @ 3.20GHz	7236	467	36.55	\$198.00
Intel Core i5-6500T @ 2.50GHz	6250	555	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6585	527	NA	NA
Intel Core i5-6600 @ 3.30GHz	7758	423	35.27	\$219.99
Intel Core i5-6600K @ 3.50GHz	8051	399	36.11	\$222.99
Intel Core i5-6600T @ 2.70GHz	7310	462	39.73	\$183.99
Intel Core i5-7200U @ 2.50GHz	4638	780	NA	NA
Intel Core i5-7260U @ 2.20GHz	5705	615	NA	NA
Intel Core i5-7267U @ 3.10GHz	5068	706	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	621	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6834	503	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7300U @ 2.60GHz	5131	691	11.24	\$456.44
Intel Core i5-7360U @ 2.30GHz	5960	582	NA	NA
Intel Core i5-7400 @ 3.00GHz	7383	456	41.17	\$179.33
Intel Core i5-7400T @ 2.40GHz	6442	541	43.24	\$149.00
Intel Core i5-7440HQ @ 2.80GHz	7706	430	NA	NA
Intel Core i5-7500 @ 3.40GHz	8039	401	39.51	\$203.49
Intel Core i5-7500T @ 2.70GHz	7080	482	31.20	\$226.98
Intel Core i5-7600 @ 3.50GHz	8808	346	39.29	\$224.19
Intel Core i5-7600K @ 3.80GHz	9149	315	40.67	\$224.95
Intel Core i5-7600T @ 2.80GHz	8130	391	32.34	\$251.39
Intel Core i5-7640X @ 4.00GHz	9671	275	54.34	\$177.98
Intel Core i5-8250U @ 1.60GHz	7661	433	NA	NA
Intel Core i5-8300H @ 2.30GHz	9371	298	37.48	\$250.00*
Intel Core i5-8350U @ 1.70GHz	8259	381	27.81	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11762	176	48.57	\$242.16
Intel Core i5-8400H @ 2.50GHz	10050	245	40.20	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9644	276	21.86	\$441.26*
Intel Core i5-8500 @ 3.00GHz	12086	167	49.91	\$242.16*
Intel Core i5-8500T @ 2.10GHz	10359	218	32.17	\$321.99*
Intel Core i5-8600 @ 3.10GHz	12129	166	45.46	\$266.81*
Intel Core i5-8600K @ 3.60GHz	12835	148	53.71	\$238.99
Intel Core i5-8600T @ 2.30GHz	10995	194	43.07	\$255.29*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-24050S @ 2.50GHz	4928	733	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3740	969	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1537	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1316	NA	NA
Intel Core i7-620LM @ 2.00GHz	1952	1543	NA	NA
Intel Core i7-620M @ 2.67GHz	2726	1264	24.79	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	1856	NA	NA
Intel Core i7-640LM @ 2.13GHz	2250	1430	NA	NA
Intel Core i7-640M @ 2.80GHz	2844	1218	17.78	\$159.95
Intel Core i7-640UM @ 1.20GHz	1666	1692	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1645	NA	NA
Intel Core i7-680UM @ 1.47GHz	1686	1681	NA	NA
Intel Core i7-720QM @ 1.60GHz	3017	1162	27.44	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3200	1104	29.11	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3235	1094	23.28	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3410	1046	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	5018	714	20.62	\$243.37
Intel Core i7-860S @ 2.53GHz	4711	766	23.56	\$199.99
Intel Core i7-870 @ 2.93GHz	5356	665	18.42	\$290.80
Intel Core i7-870S @ 2.67GHz	4969	723	NA	NA
Intel Core i7-875K @ 2.93GHz	5445	652	13.28	\$409.95
Intel Core i7-880 @ 3.07GHz	5610	626	9.62	\$583.00*
Intel Core i7-920 @ 2.67GHz	4933	732	14.73	\$335.00
Intel Core i7-920XM @ 2.00GHz	3757	964	11.78	\$318.93*
Intel Core i7-930 @ 2.80GHz	5149	689	10.34	\$497.97
Intel Core i7-940 @ 2.93GHz	5362	663	51.57	\$103.99
Intel Core i7-940XM @ 2.13GHz	3941	921	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-950 @ 3.07GHz	5562	632	22.70	\$245.00
Intel Core i7-960 @ 3.20GHz	5829	599	58.30	\$99.99
Intel Core i7-965 @ 3.20GHz	5860	594	41.87	\$139.99
Intel Core i7-970 @ 3.20GHz	8407	372	15.44	\$544.64
Intel Core i7-975 @ 3.33GHz	6135	566	36.09	\$169.99
Intel Core i7-980 @ 3.33GHz	8692	354	12.42	\$699.99
Intel Core i7-980X @ 3.33GHz	8809	345	40.04	\$219.99
Intel Core i7-985 @ 3.47GHz	6641	520	NA	NA
Intel Core i7-990X @ 3.47GHz	9101	319	17.88	\$509.00
Intel Core i7-995X @ 3.60GHz	9791	262	NA	NA
Intel Core i7-2600 @ 3.40GHz	8199	385	48.24	\$169.98
Intel Core i7-2600K @ 3.40GHz	8454	369	30.20	\$279.99
Intel Core i7-2600S @ 2.80GHz	7077	483	35.39	\$199.99
Intel Core i7-2610UE @ 1.50GHz	2481	1344	NA	NA
Intel Core i7-2617M @ 1.50GHz	2818	1228	NA	NA
Intel Core i7-2620M @ 2.70GHz	3836	941	21.41	\$179.21*
Intel Core i7-2630QM @ 2.00GHz	5537	637	42.93	\$129.00*
Intel Core i7-2630UM @ 1.60GHz	2584	1303	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5460	648	NA	NA
Intel Core i7-2637M @ 1.70GHz	2906	1201	NA	NA
Intel Core i7-2640M @ 2.80GHz	3936	924	20.26	\$194.29*
Intel Core i7-2655LE @ 2.20GHz	3161	1120	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5899	590	22.78	\$259.00*
Intel Core i7-2675QM @ 2.20GHz	5550	634	NA	NA
Intel Core i7-2677M @ 1.80GHz	2834	1221	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2700K @ 3.50GHz	8723	350	43.62	\$199.99
Intel Core i7-2710QE @ 2.10GHz	5768	606	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	662	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6114	570	32.19	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6582	528	47.03	\$139.95*
Intel Core i7-2820QM @ 2.30GHz	6634	521	26.43	\$251.04*
Intel Core i7-2840QM @ 2.40GHz	6766	509	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7007	487	11.68	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7040	486	11.56	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7154	474	17.45	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3594	999	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1070	NA	NA
Intel Core i7-3520M @ 2.90GHz	4534	808	19.30	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3849	937	NA	NA
Intel Core i7-3540M @ 3.00GHz	4638	781	10.79	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	4130	886	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	539	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7470	449	18.68	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6562	529	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6829	504	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	459	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7374	457	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7587	440	31.74	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6938	492	20.71	\$335.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3635QM @ 2.40GHz	6669	518	NA	NA
Intel Core i7-3667U @ 2.00GHz	3995	909	NA	NA
Intel Core i7-3687U @ 2.10GHz	4172	877	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3269	1081	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8125	393	24.28	\$334.72*
Intel Core i7-3740QM @ 2.70GHz	8338	375	34.75	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9298	307	51.66	\$179.99
Intel Core i7-3770K @ 3.50GHz	9527	281	19.23	\$495.43
Intel Core i7-3770S @ 3.10GHz	8879	337	44.40	\$199.99
Intel Core i7-3770T @ 2.50GHz	8190	386	24.82	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9004	328	45.03	\$199.99
Intel Core i7-3820QM @ 2.70GHz	8451	370	17.35	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8804	347	26.28	\$335.00
Intel Core i7-3920XM @ 2.90GHz	9151	314	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	12012	170	40.04	\$299.99
Intel Core i7-3940XM @ 3.00GHz	9308	304	17.27	\$539.00
Intel Core i7-3960X @ 3.30GHz	12626	155	16.09	\$784.78
Intel Core i7-3970X @ 3.50GHz	12661	153	29.11	\$435.00
Intel Core i7-4500U @ 1.80GHz	3788	953	NA	NA
Intel Core i7-4510U @ 2.00GHz	3935	925	NA	NA
Intel Core i7-4550U @ 1.50GHz	3760	962	NA	NA
Intel Core i7-4558U @ 2.80GHz	4369	836	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	848	NA	NA
Intel Core i7-4578U @ 3.00GHz	4758	762	NA	NA
Intel Core i7-4600M @ 2.90GHz	4850	744	NA	NA
Intel Core i7-4600U @ 2.10GHz	4109	890	NA	NA
Intel Core i7-4610M @ 3.00GHz	4973	722	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	967	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4650U @ 1.70GHz	3978	913	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	471	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7737	426	20.20	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7694	431	40.71	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7483	448	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7137	476	21.30	\$335.07
Intel Core i7-4710HQ @ 2.50GHz	7745	425	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7988	407	29.41	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7513	444	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7164	473	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8011	404	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	398	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8284	379	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	362	NA	NA
Intel Core i7-4765T @ 2.00GHz	7305	463	27.06	\$269.99*
Intel Core i7-4770 @ 3.40GHz	9791	263	40.80	\$239.99
Intel Core i7-4770HQ @ 2.20GHz	8948	334	NA	NA
Intel Core i7-4770K @ 3.50GHz	10102	240	34.84	\$289.98
Intel Core i7-4770R @ 3.20GHz	9828	261	NA	NA
Intel Core i7-4770S @ 3.10GHz	9340	300	14.03	\$666.00
Intel Core i7-4770T @ 2.50GHz	8634	360	21.59	\$399.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4770TE @ 2.30GHz	6615	525	NA	NA
Intel Core i7-4771 @ 3.50GHz	9877	259	32.93	\$299.99
Intel Core i7-4785T @ 2.20GHz	7608	439	NA	NA
Intel Core i7-4790 @ 3.60GHz	9995	249	35.70	\$279.99
Intel Core i7-4790K @ 4.00GHz	11186	183	31.07	\$359.99
Intel Core i7-4790S @ 3.20GHz	9564	280	23.91	\$399.99
Intel Core i7-4790T @ 2.70GHz	9065	322	25.25	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8502	365	16.67	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8664	358	20.39	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9725	271	13.70	\$709.99
Intel Core i7-4850HQ @ 2.30GHz	9001	329	20.74	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7925	413	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9234	309	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9344	299	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9052	323	14.86	\$609.29*
Intel Core i7-4910MQ @ 2.90GHz	9442	291	20.53	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13030	144	21.72	\$599.99
Intel Core i7-4930MX @ 3.00GHz	9516	282	8.68	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9891	257	14.99	\$659.95*
Intel Core i7-4960HQ @ 2.60GHz	9778	266	15.70	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13807	127	15.34	\$899.99
Intel Core i7-4980HQ @ 2.80GHz	10202	229	NA	NA
Intel Core i7-5500U @ 2.40GHz	3973	915	NA	NA
Intel Core i7-5550U @ 2.00GHz	4271	855	NA	NA
Intel Core i7-5557U @ 3.10GHz	4938	730	7.01	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4309	851	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	867	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	388	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	383	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8367	373	NA	NA
Intel Core i7-5775C @ 3.30GHz	11009	193	28.23	\$389.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5775R @ 3.30GHz	10848	198	NA	NA
Intel Core i7-5820K @ 3.30GHz	12996	145	48.14	\$269.99
Intel Core i7-5850HQ @ 2.70GHz	9459	290	NA	NA
Intel Core i7-5930K @ 3.50GHz	13637	131	27.28	\$499.99
Intel Core i7-5950HQ @ 2.90GHz	10949	195	NA	NA
Intel Core i7-5960X @ 3.00GHz	15976	81	19.97	\$799.99
Intel Core i7-6498DU @ 2.50GHz	4538	807	NA	NA
Intel Core i7-6500U @ 2.50GHz	4430	822	NA	NA
Intel Core i7-6560U @ 2.20GHz	4813	754	NA	NA
Intel Core i7-6567U @ 3.30GHz	5639	623	NA	NA
Intel Core i7-6600U @ 2.60GHz	4804	756	NA	NA
Intel Core i7-6650U @ 2.20GHz	4944	729	NA	NA
Intel Core i7-6700 @ 3.40GHz	10011	248	32.91	\$304.18
Intel Core i7-6700HQ @ 2.60GHz	8136	390	5.39	\$1,509.00*
Intel Core i7-6700K @ 4.00GHz	11113	185	27.78	\$399.99
Intel Core i7-6700T @ 2.80GHz	9036	324	33.47	\$269.99*
Intel Core i7-6700TE @ 2.40GHz	8818	344	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9711	273	9.69	\$1,001.88*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6800K @ 3.40GHz	13612	133	38.89	\$349.99
Intel Core i7-6820EQ @ 2.80GHz	8968	331	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9140	316	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8784	348	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	547	NA	NA
Intel Core i7-6850K @ 3.60GHz	14383	115	26.15	\$549.99
Intel Core i7-6900K @ 3.20GHz	17698	55	18.35	\$964.37
Intel Core i7-6920HQ @ 2.90GHz	9619	278	NA	NA
Intel Core i7-6950X @ 3.00GHz	19997	31	15.38	\$1,299.99
Intel Core i7-7500U @ 2.70GHz	5189	685	NA	NA
Intel Core i7-7560U @ 2.40GHz	5874	592	NA	NA
Intel Core i7-7567U @ 3.50GHz	6535	531	NA	NA
Intel Core i7-7600U @ 2.80GHz	5538	636	NA	NA
Intel Core i7-7660U @ 2.50GHz	6082	573	NA	NA
Intel Core i7-7700 @ 3.60GHz	10771	200	36.03	\$298.99
Intel Core i7-7700HQ @ 2.80GHz	8862	338	NA	NA
Intel Core i7-7700K @ 4.20GHz	12055	169	38.28	\$314.88
Intel Core i7-7700T @ 2.90GHz	9323	303	26.47	\$352.27
Intel Core i7-7740X @ 4.30GHz	12257	163	34.84	\$351.80
Intel Core i7-7800X @ 3.50GHz	14493	111	39.17	\$369.99
Intel Core i7-7820HK @ 2.90GHz	10053	244	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9422	294	NA	NA
Intel Core i7-7820X @ 3.60GHz	18574	43	41.55	\$446.99
Intel Core i7-7900X @ 3.30GHz	18539	45	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10158	235	NA	NA
Intel Core i7-8086K @ 4.00GHz	17265	59	40.62	\$425.00*
Intel Core i7-8550U @ 1.80GHz	8326	376	NA	NA
Intel Core i7-8650U @ 1.90GHz	9013	326	NA	NA
Intel Core i7-8700 @ 3.20GHz	15252	96	50.51	\$301.99*
Intel Core i7-8700K @ 3.70GHz	15994	80	47.61	\$335.98
Intel Core i7-8700T @ 2.40GHz	12672	152	37.93	\$334.09
Intel Core i7-8705G @ 3.10GHz	10328	219	NA	NA
Intel Core i7-8750H @ 2.20GHz	12532	156	31.73	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11066	189	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8850H @ 2.60GHz	13908	126	35.21	\$395.00*
Intel Core i9-7900X @ 3.30GHz	22015	18	24.46	\$899.99
Intel Core i9-7920X @ 2.90GHz	23297	13	22.36	\$1,042.07
Intel Core i9-7940X @ 3.10GHz	25150	7	21.87	\$1,149.82
Intel Core i9-7960X @ 2.80GHz	25485	4	17.15	\$1,485.70
Intel Core i9-7980XE @ 2.60GHz	27702	3	14.74	\$1,879.99
Intel Core i9-8950HK @ 2.90GHz	14801	104	25.39	\$583.00*
Intel Core m3-6Y30 @ 0.90GHz	3051	1150	NA	NA
Intel Core m3-7Y30 @ 1.00GHz	3562	1011	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3527	1018	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3361	1062	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3227	1095	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3499	1024	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2737	1261	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2250	1431	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core M-5Y10c @ 0.80GHz	2819	1227	10.04	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2652	1280	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2486	1339	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1163	NA	NA
Intel Core M-5Y71 @ 1.20GHz	3070	1144	10.93	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	395	2430	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2427	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2345	NA	NA
Intel Core Solo U1300 @ 1.06GHz	276	2584	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2582	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2502	NA	NA
Intel E3000 @ 3.40GHz	2767	1249	NA	NA
Intel Pentium 4 1.40GHz	164	2689	NA	NA
Intel Pentium 4 1.50GHz	131	2706	NA	NA
Intel Pentium 4 1.60GHz	129	2708	NA	NA
Intel Pentium 4 1.70GHz	132	2705	NA	NA
Intel Pentium 4 1.80GHz	161	2692	NA	NA
Intel Pentium 4 1.90GHz	159	2693	NA	NA
Intel Pentium 4 2.00GHz	189	2671	NA	NA
Intel Pentium 4 2.20GHz	210	2653	NA	NA
Intel Pentium 4 2.26GHz	221	2643	NA	NA
Intel Pentium 4 2.40GHz	228	2636	NA	NA
Intel Pentium 4 2.50GHz	245	2621	NA	NA
Intel Pentium 4 2.53GHz	248	2618	NA	NA
Intel Pentium 4 2.60GHz	288	2561	NA	NA
Intel Pentium 4 2.66GHz	254	2608	NA	NA
Intel Pentium 4 2.80GHz	321	2508	NA	NA
Intel Pentium 4 2.93GHz	297	2546	NA	NA
Intel Pentium 4 3.00GHz	353	2480	NA	NA
Intel Pentium 4 3.06GHz	347	2484	NA	NA
Intel Pentium 4 3.20GHz	375	2449	NA	NA
Intel Pentium 4 3.40GHz	396	2429	NA	NA
Intel Pentium 4 3.46GHz	487	2325	NA	NA
Intel Pentium 4 3.60GHz	489	2323	NA	NA
Intel Pentium 4 3.73GHz	486	2328	NA	NA
Intel Pentium 4 3.80GHz	484	2334	NA	NA
Intel Pentium 4 3.83GHz	195	2666	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 4.00GHz	184	2677	NA	NA
Intel Pentium 4 1300MHz	119	2712	NA	NA
Intel Pentium 4 1400MHz	127	2709	NA	NA
Intel Pentium 4 1500MHz	125	2710	NA	NA
Intel Pentium 4 1600MHz	193	2670	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2696	NA	NA
Intel Pentium 4 1800MHz	162	2691	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2699	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2665	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2682	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2655	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2685	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 Mobile 1.90GHz	209	2654	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2660	NA	NA
Intel Pentium 5 2.66GHz	705	2206	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	1985	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1153	1955	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	1958	NA	NA
Intel Pentium 987 @ 1.50GHz	1226	1915	NA	NA
Intel Pentium 997 @ 1.60GHz	1426	1805	NA	NA
Intel Pentium 1403 @ 2.60GHz	2747	1259	NA	NA
Intel Pentium 2020M @ 2.40GHz	2285	1411	17.06	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2414	1363	18.02	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1661	1695	12.40	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1823	1611	13.61	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2009	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2304	1398	NA	NA
Intel Pentium 3556U @ 1.70GHz	1713	1660	NA	NA
Intel Pentium 3558U @ 1.70GHz	1686	1680	NA	NA
Intel Pentium 3560M @ 2.40GHz	2275	1419	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1895	NA	NA
Intel Pentium 3805U @ 1.90GHz	1983	1533	NA	NA
Intel Pentium 3825U @ 1.90GHz	2534	1321	NA	NA
Intel Pentium 4405U @ 2.10GHz	2947	1185	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1501	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2056	1503	12.78	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3174	1111	NA	NA
Intel Pentium A1018 @ 2.10GHz	1605	1724	NA	NA
Intel Pentium B940 @ 2.00GHz	1724	1655	57.60	\$29.94*
Intel Pentium B950 @ 2.10GHz	1717	1657	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1596	37.82	\$48.99*
Intel Pentium B970 @ 2.30GHz	1960	1540	38.44	\$50.99*
Intel Pentium B980 @ 2.40GHz	2045	1507	29.25	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3843	938	29.79	\$129.00*
Intel Pentium D 805 @ 2.66GHz	536	2290	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2235	NA	NA
Intel Pentium D 915 @ 2.80GHz	581	2265	NA	NA
Intel Pentium D 940 @ 3.20GHz	709	2203	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2187	NA	NA
Intel Pentium D 960 @ 3.60GHz	814	2158	NA	NA
Intel Pentium E2140 @ 1.60GHz	868	2126	5.50	\$157.95
Intel Pentium E2160 @ 1.80GHz	997	2047	28.49	\$35.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E2180 @ 2.00GHz	1087	1992	36.27	\$29.99
Intel Pentium E2200 @ 2.20GHz	1204	1928	7.63	\$157.95
Intel Pentium E2210 @ 2.20GHz	1174	1941	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	1852	8.43	\$157.95
Intel Pentium E5200 @ 2.50GHz	1488	1778	9.43	\$157.95
Intel Pentium E5300 @ 2.60GHz	1540	1752	77.19	\$19.95
Intel Pentium E5400 @ 2.70GHz	1596	1731	10.11	\$157.95
Intel Pentium E5500 @ 2.80GHz	1639	1704	10.38	\$157.95
Intel Pentium E5700 @ 3.00GHz	1741	1647	11.02	\$157.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E5800 @ 3.20GHz	1900	1572	63.36	\$29.99
Intel Pentium E6300 @ 2.80GHz	1705	1666	3.02	\$565.00
Intel Pentium E6500 @ 2.93GHz	1761	1636	11.15	\$157.95
Intel Pentium E6600 @ 3.06GHz	1877	1585	18.78	\$100.00
Intel Pentium E6700 @ 3.20GHz	1943	1549	37.45	\$51.90
Intel Pentium E6800 @ 3.33GHz	2002	1525	2.41	\$831.38*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2111	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2066	NA	NA
Intel Pentium G620 @ 2.60GHz	2295	1406	91.86	\$24.99
Intel Pentium G620T @ 2.20GHz	2028	1511	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2375	1377	23.76	\$100.00*
Intel Pentium G630T @ 2.30GHz	2122	1477	26.54	\$79.99*
Intel Pentium G640 @ 2.80GHz	2530	1322	101.27	\$24.99
Intel Pentium G640T @ 2.40GHz	1911	1564	NA	NA
Intel Pentium G645 @ 2.90GHz	2584	1304	27.20	\$95.00*
Intel Pentium G645T @ 2.50GHz	2289	1407	NA	NA
Intel Pentium G840 @ 2.80GHz	2573	1308	73.55	\$34.99
Intel Pentium G850 @ 2.90GHz	2664	1278	88.86	\$29.99
Intel Pentium G860 @ 3.00GHz	2750	1256	68.78	\$39.99
Intel Pentium G870 @ 3.10GHz	2827	1223	29.15	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2613	1293	72.61	\$35.99
Intel Pentium G2020 @ 2.90GHz	2767	1248	46.17	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2470	1345	51.90	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2878	1213	70.23	\$40.99
Intel Pentium G2030T @ 2.60GHz	2490	1337	38.91	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1236	NA	NA
Intel Pentium G2120 @ 3.10GHz	3081	1140	51.38	\$59.99
Intel Pentium G2130 @ 3.20GHz	3212	1102	64.26	\$49.99
Intel Pentium G2140 @ 3.30GHz	3384	1055	67.71	\$49.99
Intel Pentium G3220 @ 3.00GHz	3136	1127	30.57	\$102.60*
Intel Pentium G3220T @ 2.60GHz	2602	1297	65.08	\$39.99*
Intel Pentium G3240 @ 3.10GHz	3171	1113	44.74	\$70.88*
Intel Pentium G3240T @ 2.70GHz	2932	1192	NA	NA
Intel Pentium G3250 @ 3.20GHz	3258	1086	23.28	\$139.99
Intel Pentium G3250T @ 2.80GHz	2967	1177	64.53	\$45.99*
Intel Pentium G3258 @ 3.20GHz	3896	930	21.86	\$178.28
Intel Pentium G3260 @ 3.30GHz	3378	1056	32.18	\$104.99
Intel Pentium G3260T @ 2.90GHz	2914	1196	29.15	\$99.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1372	NA	NA
Intel Pentium G3420 @ 3.20GHz	3408	1047	30.99	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1165	28.58	\$105.25*
Intel Pentium G3430 @ 3.30GHz	3425	1041	29.49	\$116.15*
Intel Pentium G3440 @ 3.30GHz	3304	1075	20.66	\$159.94*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3440T @ 2.80GHz	3101	1135	NA	NA
Intel Pentium G3450 @ 3.40GHz	3704	978	10.93	\$339.00*
Intel Pentium G3450T @ 2.90GHz	2967	1179	NA	NA
Intel Pentium G3460 @ 3.50GHz	3593	1001	12.47	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3706	977	35.54	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3569	1009	72.86	\$49.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4400T @ 2.90GHz	3220	1099	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1211	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3788	954	59.20	\$64.00
Intel Pentium G4500T @ 3.00GHz	3471	1031	NA	NA
Intel Pentium G4520 @ 3.60GHz	4195	871	46.62	\$89.98
Intel Pentium G4560 @ 3.50GHz	4884	737	72.72	\$67.17*
Intel Pentium G4560T @ 2.90GHz	4047	895	22.34	\$181.15
Intel Pentium G4600 @ 3.60GHz	5110	695	56.79	\$89.99
Intel Pentium G4600T @ 3.00GHz	4238	864	44.35	\$95.56
Intel Pentium G4620 @ 3.70GHz	5213	683	48.00	\$108.62*
Intel Pentium G6950 @ 2.80GHz	1856	1594	46.44	\$39.99
Intel Pentium G6951 @ 2.80GHz	2140	1468	22.77	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2101	1487	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5270	676	65.89	\$79.99
Intel Pentium Gold G5500 @ 3.80GHz	5262	678	64.18	\$82.00*
Intel Pentium Gold G5500T @ 3.20GHz	4577	799	61.03	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5726	612	61.58	\$93.00*
Intel Pentium III 933S @ 933MHz	238	2629	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2569	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2581	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2525	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2547	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2543	NA	NA
Intel Pentium III Mobile 750MHz	103	2715	NA	NA
Intel Pentium III Mobile 800MHz	182	2680	NA	NA
Intel Pentium III Mobile 866MHz	152	2697	NA	NA
Intel Pentium III Mobile 933MHz	218	2645	8.58	\$25.51
Intel Pentium III Mobile 1000MHz	245	2620	NA	NA
Intel Pentium III Mobile 1066MHz	268	2593	NA	NA
Intel Pentium III Mobile 1133MHz	251	2614	NA	NA
Intel Pentium III Mobile 1200MHz	262	2600	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1604	NA	NA
Intel Pentium J2900 @ 2.41GHz	1972	1536	NA	NA
Intel Pentium J3710 @ 1.60GHz	1950	1545	NA	NA
Intel Pentium J4205 @ 1.50GHz	2300	1402	NA	NA
Intel Pentium M 1.10GHz	282	2573	NA	NA
Intel Pentium M 1.20GHz	298	2545	NA	NA
Intel Pentium M 1.30GHz	301	2539	NA	NA
Intel Pentium M 1.40GHz	345	2488	NA	NA
Intel Pentium M 1.50GHz	366	2463	NA	NA
Intel Pentium M 1.60GHz	364	2468	NA	NA
Intel Pentium M 1.70GHz	406	2413	NA	NA
Intel Pentium M 1.73GHz	413	2402	NA	NA
Intel Pentium M 1.80GHz	409	2410	NA	NA
Intel Pentium M 1.86GHz	438	2380	NA	NA
Intel Pentium M 2.00GHz	464	2349	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 2.10GHz	448	2367	NA	NA
Intel Pentium M 2.13GHz	510	2309	NA	NA
Intel Pentium M 2.26GHz	509	2311	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 756 @ 1.66GHz	484	2336	NA	NA
Intel Pentium M 900MHz	217	2648	NA	NA
Intel Pentium M 1000MHz	233	2633	NA	NA
Intel Pentium M 1100MHz	259	2604	NA	NA
Intel Pentium M 1200MHz	237	2630	NA	NA
Intel Pentium M 1300MHz	303	2532	NA	NA
Intel Pentium M 1400MHz	321	2509	NA	NA
Intel Pentium M 1500MHz	354	2477	NA	NA
Intel Pentium M 1600MHz	332	2500	NA	NA
Intel Pentium M 1700MHz	376	2448	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1763	NA	NA
Intel Pentium N3520 @ 2.16GHz	1799	1623	NA	NA
Intel Pentium N3530 @ 2.16GHz	1896	1574	NA	NA
Intel Pentium N3540 @ 2.16GHz	1936	1553	7.72	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1839	1603	4.14	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1871	1588	NA	NA
Intel Pentium N4200 @ 1.10GHz	2023	1514	10.30	\$196.45
Intel Pentium P6000 @ 1.87GHz	1250	1904	NA	NA
Intel Pentium P6100 @ 2.00GHz	1325	1854	110.48	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1349	1843	30.02	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1823	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2987	1173	15.22	\$196.28
Intel Pentium SU2700 @ 1.30GHz	407	2412	NA	NA
Intel Pentium SU4100 @ 1.30GHz	863	2129	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2141	NA	NA
Intel Pentium T2060 @ 1.60GHz	662	2224	NA	NA
Intel Pentium T2080 @ 1.73GHz	706	2205	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2202	NA	NA
Intel Pentium T2310 @ 1.46GHz	730	2192	NA	NA
Intel Pentium T2330 @ 1.60GHz	838	2146	NA	NA
Intel Pentium T2370 @ 1.73GHz	844	2140	24.12	\$35.00*
Intel Pentium T2390 @ 1.86GHz	941	2087	NA	NA
Intel Pentium T2410 @ 2.00GHz	996	2048	NA	NA
Intel Pentium T3200 @ 2.00GHz	1030	2020	85.90	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1115	1970	12.41	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1147	1960	95.63	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1238	1910	NA	NA
Intel Pentium T4400 @ 2.20GHz	1281	1884	NA	NA
Intel Pentium T4500 @ 2.30GHz	1335	1850	NA	NA
Intel Pentium U5400 @ 1.20GHz	822	2152	NA	NA
Intel Pentium U5600 @ 1.33GHz	943	2086	NA	NA
Intel T1200 @ 1.50GHz	435	2387	NA	NA
Intel T1400 @ 1.73GHz	929	2095	NA	NA
Intel T1500 @ 1.86GHz	940	2090	NA	NA
Intel T2050 @ 2.00GHz	959	2076	NA	NA
Intel Xeon 2.00GHz	233	2632	NA	NA
Intel XEON 2.20GHz	252	2611	NA	NA
Intel Xeon 2.40GHz	276	2585	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2386	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 Xeon 2.80GHz	400	2424	NA	NA
Intel Xeon 3.00GHz	391	2436	NA	NA
Intel Xeon 3.06GHz	491	2320	NA	NA
Intel Xeon 3.20GHz	461	2355	NA	NA
Intel Xeon 3.40GHz	478	2339	NA	NA
Intel Xeon 3.60GHz	509	2310	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2017	NA	NA
Intel Xeon 3.80GHz	604	2254	0.71	\$851.00*
Intel Xeon 1500MHz	193	2669	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1882	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1311	1861	8.30	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1764	9.62	\$157.95*
Intel Xeon 3065 @ 2.33GHz	1504	1773	71.99	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1776	1631	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1602	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1743	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2001	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	1906	0.76	\$1,644.98*
Intel Xeon 5130 @ 2.00GHz	1378	1825	35.89	\$38.40*
Intel Xeon 5133 @ 2.20GHz	1598	1728	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1706	65.60	\$24.99
Intel Xeon 5148 @ 2.33GHz	1590	1733	39.78	\$39.99*
Intel Xeon 5150 @ 2.66GHz	1747	1643	3.83	\$455.95*
Intel Xeon 5160 @ 3.00GHz	1968	1538	134.86	\$14.60*
Intel Xeon @ 2.20GHz	1902	1571	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5446	651	21.61	\$251.99
Intel Xeon D-1518 @ 2.20GHz	5322	670	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	607	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	491	NA	NA
Intel Xeon D-1528 @ 1.90GHz	7946	410	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	270	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	428	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	209	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11056	190	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	396	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14693	105	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13950	124	NA	NA
Intel Xeon D-2183IT @ 2.20GHz	18252	49	10.35	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6072	575	14.20	\$427.62
Intel Xeon E3-1220 V2 @ 3.10GHz	6692	516	16.29	\$410.80
Intel Xeon E3-1220 v3 @ 3.10GHz	7074	484	29.48	\$240.00
Intel Xeon E3-1220 v5 @ 3.00GHz	7736	427	31.51	\$245.51
Intel Xeon E3-1220 v6 @ 3.00GHz	8035	402	38.27	\$209.99
Intel Xeon E3-1220L @ 2.20GHz	3563	1010	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	824	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1484	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5918	588	33.82	\$175.00
Intel Xeon E3-1225 V2 @ 3.20GHz	6845	501	13.51	\$506.59
Intel Xeon E3-1225 v3 @ 3.20GHz	7191	470	15.69	\$458.34
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1225 v5 @ 3.30GHz	7803	417	31.22	\$249.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1225 v6 @ 3.30GHz	8294	378	35.30	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7522	443	11.79	\$638.00
Intel Xeon E3-1230 @ 3.20GHz	7908	414	36.78	\$215.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8856	340	24.61	\$359.95
Intel Xeon E3-1230 v3 @ 3.30GHz	9325	302	35.64	\$261.66*
Intel Xeon E3-1230 v5 @ 3.40GHz	9756	268	32.54	\$299.80*
Intel Xeon E3-1230 v6 @ 3.50GHz	9947	253	36.84	\$269.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	468	25.12	\$287.90
Intel Xeon E3-1231 v3 @ 3.40GHz	9635	277	33.34	\$289.00
Intel Xeon E3-1235 @ 3.20GHz	7680	432	31.48	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	537	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7955	409	51.97	\$153.09
Intel Xeon E3-1240 V2 @ 3.40GHz	9153	313	20.36	\$449.56
Intel Xeon E3-1240 v3 @ 3.40GHz	9702	274	25.24	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10412	215	30.48	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10176	233	35.09	\$289.99
Intel Xeon E3-1240L v3 @ 2.00GHz	7510	445	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	419	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10034	246	12.95	\$775.00
Intel Xeon E3-1245 @ 3.30GHz	8048	400	31.56	\$255.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9117	317	15.01	\$607.59
Intel Xeon E3-1245 v3 @ 3.40GHz	9576	279	28.17	\$339.95
Intel Xeon E3-1245 v5 @ 3.50GHz	10248	226	29.68	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10462	213	34.93	\$299.53
Intel Xeon E3-1246 v3 @ 3.50GHz	9894	256	12.40	\$798.00
Intel Xeon E3-1260L @ 2.40GHz	6534	532	66.83	\$97.78
Intel Xeon E3-1260L v5 @ 2.90GHz	10136	236	17.01	\$595.81
Intel Xeon E3-1265L @ 2.40GHz	6038	578	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7785	421	54.67	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	8722	351	12.29	\$709.95
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	415	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	353	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8240	382	25.99	\$317.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9484	286	33.02	\$287.21
Intel Xeon E3-1270 v3 @ 3.50GHz	9877	258	26.70	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10327	221	28.30	\$364.98
Intel Xeon E3-1270 v6 @ 3.80GHz	11115	184	31.76	\$349.99
Intel Xeon E3-1271 v3 @ 3.60GHz	10077	242	11.35	\$888.00
Intel Xeon E3-1275 @ 3.40GHz	8348	374	27.46	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9339	301	38.92	\$239.99
Intel Xeon E3-1275 v3 @ 3.50GHz	9864	260	24.60	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10376	217	26.62	\$389.74
Intel Xeon E3-1275 v6 @ 3.80GHz	11047	191	30.44	\$362.99
Intel Xeon E3-1275L v3 @ 2.70GHz	8827	343	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10223	227	9.47	\$1,080.00
Intel Xeon E3-1280 @ 3.50GHz	8473	368	23.03	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9439	292	6.24	\$1,512.82
Intel Xeon E3-1280 v3 @ 3.60GHz	9720	272	13.94	\$697.36*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	206	15.46	\$690.01
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	179	NA	NA
Intel Xeon E3-1281 v3 @ 3.70GHz	10295	223	11.73	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10256	225	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1285 v4 @ 3.50GHz	10641	207	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11689	177	25.98	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	10024	247	12.45	\$805.00
Intel Xeon E3-1285L v4 @ 3.40GHz	11224	182	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	255	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	10129	238	13.09	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	352	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9749	269	11.02	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	481	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8905	336	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9972	252	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	211	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9301	306	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10624	208	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10442	214	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10736	203	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10743	202	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10689	204	24.02	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	461	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	452	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5538	635	33.57	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6172	563	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6420	548	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5866	593	266.76	\$21.99
Intel Xeon E5-1607 v2 @ 3.00GHz	6189	561	19.77	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6931	496	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	466	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9068	321	17.78	\$510.00
Intel Xeon E5-1620 v2 @ 3.70GHz	9496	284	28.87	\$329.00
Intel Xeon E5-1620 v3 @ 3.50GHz	9762	267	27.22	\$358.70*
Intel Xeon E5-1620 v4 @ 3.50GHz	9979	251	33.27	\$299.99
Intel Xeon E5-1630 v3 @ 3.70GHz	10262	224	17.17	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10300	222	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11769	175	67.26	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12692	151	19.68	\$644.95*
Intel Xeon E5-1650 v3 @ 3.50GHz	13607	134	20.49	\$663.96
Intel Xeon E5-1650 v4 @ 3.60GHz	14234	116	22.59	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12364	158	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13714	130	7.58	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14423	113	8.92	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16205	75	NA	NA
Intel Xeon E5-1680 v2 @ 3.00GHz	16483	68	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16633	66	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17089	60	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	50	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2403 @ 1.80GHz	3523	1019	7.87	\$447.59
Intel Xeon E5-2403 v2 @ 1.80GHz	3492	1025	15.67	\$222.84*
Intel Xeon E5-2407 @ 2.20GHz	3888	932	11.61	\$335.04
Intel Xeon E5-2407 v2 @ 2.40GHz	4575	800	9.61	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	684	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7139	475	19.05	\$374.80
Intel Xeon E5-2420 v2 @ 2.20GHz	8647	359	14.91	\$579.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2430 @ 2.20GHz	6878	499	12.90	\$533.22
Intel Xeon E5-2430 v2 @ 2.50GHz	8833	342	16.29	\$542.12
Intel Xeon E5-2430L @ 2.00GHz	7269	465	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	522	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	312	12.32	\$745.00*
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	293	23.56	\$400.00*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	332	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	231	14.10	\$722.22*
Intel Xeon E5-2450L @ 1.80GHz	8261	380	127.12	\$64.99
Intel Xeon E5-2470 @ 2.30GHz	10061	243	31.77	\$316.72*
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	147	5.70	\$2,250.00*
Intel Xeon E5-2603 @ 1.80GHz	3580	1006	128.62	\$27.84
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	960	79.07	\$47.63
Intel Xeon E5-2603 v3 @ 1.60GHz	5165	688	23.66	\$218.32
Intel Xeon E5-2603 v4 @ 1.70GHz	5473	644	23.80	\$229.99*
Intel Xeon E5-2608L v3 @ 2.00GHz	7768	422	17.62	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4625	786	61.19	\$75.60
Intel Xeon E5-2609 v2 @ 2.50GHz	5125	693	18.37	\$279.00
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	585	13.26	\$448.02
Intel Xeon E5-2609 v4 @ 1.70GHz	6920	497	15.95	\$434.00*
Intel Xeon E5-2618L v3 @ 2.30GHz	12508	157	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	107	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7935	412	77.05	\$103.00
Intel Xeon E5-2620 v2 @ 2.10GHz	8688	355	23.83	\$364.64
Intel Xeon E5-2620 v3 @ 2.40GHz	9980	250	14.05	\$710.54
Intel Xeon E5-2620 v4 @ 2.10GHz	11360	180	25.70	\$442.00
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	335	22.07	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8188	387	14.91	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	296	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	171	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13268	141	9.73	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	192	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8859	339	69.14	\$128.14
Intel Xeon E5-2630 v2 @ 2.60GHz	10402	216	65.43	\$159.00
Intel Xeon E5-2630 v3 @ 2.40GHz	12815	149	21.98	\$582.99
Intel Xeon E5-2630 v4 @ 2.20GHz	13911	125	20.16	\$690.00
Intel Xeon E5-2630L @ 2.00GHz	8001	406	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9780	265	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9476	287	12.60	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	146	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9465	289	5.74	\$1,649.22
Intel Xeon E5-2637 v3 @ 3.50GHz	10128	239	7.82	\$1,295.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	212	9.23	\$1,133.93*
Intel Xeon E5-2640 @ 2.50GHz	9500	283	48.80	\$194.69
Intel Xeon E5-2640 v2 @ 2.00GHz	9904	254	20.60	\$480.68
Intel Xeon E5-2640 v3 @ 2.60GHz	14103	120	9.12	\$1,547.27
Intel Xeon E5-2640 v4 @ 2.40GHz	15331	93	15.38	\$997.10
Intel Xeon E5-2643 @ 3.30GHz	8479	367	16.05	\$528.40
Intel Xeon E5-2643 v2 @ 3.50GHz	12324	160	4.91	\$2,509.00
Intel Xeon E5-2643 v3 @ 3.40GHz	13801	128	7.42	\$1,860.00*
Intel Xeon E5-2643 v4 @ 3.40GHz	13600	135	8.45	\$1,609.12
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	178	8.42	\$1,352.91

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2648L v4 @ 1.80GHz	13292	139	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14506	109	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10159	234	84.90	\$119.66
Intel Xeon E5-2650 v2 @ 2.60GHz	13108	143	40.25	\$325.71
Intel Xeon E5-2650 v3 @ 2.30GHz	14880	102	15.18	\$980.49
Intel Xeon E5-2650 v4 @ 2.20GHz	15838	83	12.38	\$1,279.53
Intel Xeon E5-2650L @ 1.80GHz	8676	357	109.83	\$79.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13390	138	13.26	\$1,010.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	121	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	181	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	285	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	118	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	74	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	64	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11112	186	108.94	\$102.00
Intel Xeon E5-2660 v2 @ 2.20GHz	13286	140	43.51	\$305.34*
Intel Xeon E5-2660 v3 @ 2.60GHz	16151	76	10.10	\$1,599.99
Intel Xeon E5-2660 v4 @ 2.00GHz	17786	53	11.95	\$1,488.99
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	122	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11776	174	83.23	\$141.50*
Intel Xeon E5-2667 @ 2.90GHz	10327	220	45.70	\$226.00
Intel Xeon E5-2667 v2 @ 3.30GHz	16120	77	21.11	\$763.56
Intel Xeon E5-2667 v3 @ 3.20GHz	16119	78	7.13	\$2,259.95*
Intel Xeon E5-2667 v4 @ 3.20GHz	16374	72	7.53	\$2,174.00
Intel Xeon E5-2670 @ 2.60GHz	12209	165	50.00	\$244.19
Intel Xeon E5-2670 v2 @ 2.50GHz	15031	99	30.50	\$492.77
Intel Xeon E5-2670 v3 @ 2.30GHz	16619	67	11.46	\$1,450.00*
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	73	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16982	61	24.26	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21625	20	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15156	97	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17659	56	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	63	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25236	6	9.34	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12654	154	72.93	\$173.51
Intel Xeon E5-2680 v2 @ 2.80GHz	15789	85	45.24	\$349.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18629	42	9.27	\$2,008.95
Intel Xeon E5-2680 v4 @ 2.40GHz	19867	33	11.27	\$1,762.90*
Intel Xeon E5-2682 v4 @ 2.50GHz	15333	92	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2683 v3 @ 2.00GHz	17414	58	8.77	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	40	10.03	\$1,899.99*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	101	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	38	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14405	114	28.30	\$509.08
Intel Xeon E5-2687W v2 @ 3.40GHz	16478	69	4.44	\$3,713.55*
Intel Xeon E5-2687W v3 @ 3.10GHz	17718	54	5.89	\$3,009.95*
Intel Xeon E5-2687W v4 @ 3.00GHz	19933	32	8.64	\$2,307.31*
Intel Xeon E5-2689 @ 2.60GHz	13476	136	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19776	35	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13980	123	69.21	\$202.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16468	70	27.96	\$589.00
Intel Xeon E5-2690 v3 @ 2.60GHz	19240	39	10.64	\$1,807.70

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	25	9.07	\$2,350.88*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	79	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15847	82	4.41	\$3,593.22
Intel Xeon E5-2695 v3 @ 2.30GHz	20346	28	10.12	\$2,009.99
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	29	7.91	\$2,560.32
Intel Xeon E5-2696 v2 @ 2.50GHz	16681	65	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22548	14	9.03	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21331	24	7.09	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17449	57	7.81	\$2,235.02*
Intel Xeon E5-2697 v3 @ 2.60GHz	21488	23	8.07	\$2,661.90*
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	22	7.67	\$2,805.00
Intel Xeon E5-2697A v4 @ 2.60GHz	23590	11	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21149	26	6.18	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	19	6.77	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22358	16	5.58	\$4,010.00
Intel Xeon E5-2699 v4 @ 2.20GHz	23392	12	2.92	\$8,010.00*
Intel Xeon E5-4603 @ 2.00GHz	5014	716	2.65	\$1,890.99*
Intel Xeon E5-4617 @ 2.90GHz	8684	356	96.60	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	392	2.31	\$3,519.97*
Intel Xeon E5-4627 v3 @ 2.60GHz	14219	117	5.92	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	87	NA	NA
Intel Xeon E5-4640 @ 2.40GHz	10523	210	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	150	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	188	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	12085	168	24.57	\$491.80*
Intel Xeon E5-4650L @ 2.60GHz	11821	173	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	161	2.66	\$4,616.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15556	86	3.24	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	132	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1130	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2165	1459	8.73	\$248.00*
Intel Xeon E3113 @ 3.00GHz	2427	1358	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1436	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1815	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1360	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1425	8.71	\$259.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5320 @ 1.86GHz	2279	1417	14.43	\$157.95*
Intel Xeon E5335 @ 2.00GHz	2513	1328	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2923	1195	70.83	\$41.28*
Intel Xeon E5405 @ 2.00GHz	2864	1215	154.65	\$18.52*
Intel Xeon E5410 @ 2.33GHz	3265	1082	15.78	\$207.01*
Intel Xeon E5420 @ 2.50GHz	3506	1022	13.49	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3776	958	104.91	\$36.00
Intel Xeon E5440 @ 2.83GHz	3984	911	187.60	\$21.24*
Intel Xeon E5450 @ 3.00GHz	4210	868	114.04	\$36.92*
Intel Xeon E5462 @ 2.80GHz	3898	929	142.79	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4145	882	75.65	\$54.80*
Intel Xeon E5502 @ 1.87GHz	1378	1824	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1817	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2705	1267	97.67	\$27.70*
Intel Xeon E5506 @ 2.13GHz	2977	1176	19.86	\$149.95*
Intel Xeon E5507 @ 2.27GHz	3137	1126	6.87	\$456.91*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5520 @ 2.27GHz	4447	817	273.85	\$16.24*
Intel Xeon E5530 @ 2.40GHz	4605	791	178.52	\$25.80*
Intel Xeon E5540 @ 2.53GHz	4758	761	173.55	\$27.42
Intel Xeon E5603 @ 1.60GHz	2366	1383	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3045	1155	11.16	\$272.82*
Intel Xeon E5607 @ 2.27GHz	3398	1052	10.96	\$310.00*
Intel Xeon E5620 @ 2.40GHz	4860	740	120.36	\$40.38
Intel Xeon E5630 @ 2.53GHz	5109	696	67.44	\$75.76*
Intel Xeon E5640 @ 2.67GHz	5263	677	29.25	\$179.95
Intel Xeon E5645 @ 2.40GHz	6509	534	86.07	\$75.63
Intel Xeon E5649 @ 2.53GHz	6936	493	60.31	\$115.00
Intel Xeon E7320 @ 2.13GHz	2413	1364	NA	NA
Intel Xeon E-2176M @ 2.70GHz	14564	108	32.37	\$450.00*
Intel Xeon E-2186M @ 2.90GHz	15495	88	24.87	\$623.00*
Intel Xeon Gold 5120 @ 2.20GHz	15110	98	9.68	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	51	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	11104	187	8.57	\$1,294.99*
Intel Xeon Gold 6126 @ 2.60GHz	19711	36	11.10	\$1,776.00*
Intel Xeon Gold 6128 @ 3.40GHz	15022	100	8.85	\$1,697.00*
Intel Xeon Gold 6130 @ 2.10GHz	20222	30	10.46	\$1,932.90
Intel Xeon Gold 6134 @ 3.20GHz	18083	52	7.25	\$2,493.54*
Intel Xeon Gold 6136 @ 3.00GHz	21018	27	7.90	\$2,660.00*
Intel Xeon Gold 6138 @ 2.00GHz	25416	5	9.47	\$2,684.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	9	9.10	\$2,634.77*
Intel Xeon Gold 6144 @ 3.50GHz	19654	37	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	8	6.64	\$3,787.27
Intel Xeon Gold 6154 @ 3.00GHz	27789	2	7.84	\$3,543.00*
Intel Xeon L3110 @ 3.00GHz	2273	1422	NA	NA
Intel Xeon L3360 @ 2.83GHz	3820	945	42.81	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1848	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	939	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1612	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1423	72.33	\$31.40*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5310 @ 1.60GHz	2274	1421	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1471	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1254	72.15	\$38.20*
Intel Xeon L5408 @ 2.13GHz	3037	1157	NA	NA
Intel Xeon L5410 @ 2.33GHz	3396	1054	33.93	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3503	1023	22.18	\$157.95*
Intel Xeon L5430 @ 2.66GHz	3716	973	23.53	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	974	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	832	164.31	\$26.70*
Intel Xeon L5530 @ 2.40GHz	4351	842	311.73	\$13.96*
Intel Xeon L5630 @ 2.13GHz	4369	837	274.78	\$15.90*
Intel Xeon L5638 @ 2.00GHz	5556	633	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	502	NA	NA
Intel Xeon L5640 @ 2.27GHz	6442	540	185.41	\$34.75*
Intel Xeon L7455 @ 2.13GHz	3836	940	NA	NA
Intel Xeon MV 3.20GHz	683	2218	NA	NA
Intel Xeon Platinum 8173M @ 2.00GHz	28860	1	NA	NA
Intel Xeon Silver 4109T @ 2.00GHz	10854	197	21.67	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11869	172	21.98	\$540.08*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Silver 4112 @ 2.60GHz	8548	363	16.15	\$529.21*
Intel Xeon Silver 4114 @ 2.20GHz	14480	112	19.44	\$744.73*
Intel Xeon Silver 4116 @ 2.10GHz	15257	95	13.61	\$1,121.16*
Intel Xeon W3503 @ 2.40GHz	1756	1640	79.90	\$21.99
Intel Xeon W3505 @ 2.53GHz	1858	1593	NA	NA
Intel Xeon W3520 @ 2.67GHz	5059	708	12.34	\$409.95*
Intel Xeon W3530 @ 2.80GHz	5361	664	18.24	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5474	643	15.21	\$359.95*
Intel Xeon W3550 @ 3.07GHz	5706	614	228.35	\$24.99
Intel Xeon W3565 @ 3.20GHz	5945	584	20.15	\$295.00
Intel Xeon W3570 @ 3.20GHz	6098	571	12.71	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6433	545	29.99	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8152	389	14.43	\$565.00*
Intel Xeon W3680 @ 3.33GHz	9098	320	19.78	\$459.95*
Intel Xeon W3690 @ 3.47GHz	9207	311	4.07	\$2,260.61*
Intel Xeon W5580 @ 3.20GHz	5836	598	56.19	\$103.88*
Intel Xeon W5590 @ 3.33GHz	6183	562	4.02	\$1,540.10*
Intel Xeon W-2102 @ 2.90GHz	7007	488	20.73	\$337.99*
Intel Xeon W-2123 @ 3.60GHz	10834	199	33.33	\$325.03*
Intel Xeon W-2125 @ 4.00GHz	12348	159	27.81	\$444.00*
Intel Xeon W-2133 @ 3.60GHz	14125	119	22.89	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16453	71	17.64	\$932.79*
Intel Xeon W-2140B @ 3.20GHz	18340	47	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19819	34	15.31	\$1,294.94*
Intel Xeon W-2150B @ 3.00GHz	21625	21	NA	NA
Intel Xeon W-2155 @ 3.30GHz	22532	15	14.72	\$1,530.39*
Intel Xeon W-2195 @ 2.30GHz	23957	10	8.79	\$2,725.06*
Intel Xeon X3210 @ 2.13GHz	2768	1247	18.58	\$149.00*
Intel Xeon X3220 @ 2.40GHz	3089	1137	53.28	\$57.99
Intel Xeon X3230 @ 2.66GHz	3431	1040	9.53	\$359.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3320 @ 2.50GHz	3335	1068	14.53	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3165	1116	44.59	\$70.99*
Intel Xeon X3330 @ 2.66GHz	3376	1058	16.08	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3880	934	64.68	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3881	933	52.81	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3962	917	25.09	\$157.95*
Intel Xeon X3363 @ 2.83GHz	4030	900	25.52	\$157.95*
Intel Xeon X3370 @ 3.00GHz	4289	853	11.69	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4697	770	NA	NA
Intel Xeon X3430 @ 2.40GHz	3371	1060	16.86	\$200.00
Intel Xeon X3440 @ 2.53GHz	4548	804	20.21	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4850	745	37.31	\$130.00*
Intel Xeon X3460 @ 2.80GHz	5117	694	14.33	\$357.00
Intel Xeon X3470 @ 2.93GHz	5187	686	10.17	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	620	NA	NA
Intel Xeon X5260 @ 3.33GHz	2453	1350	17.62	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2535	1319	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1371	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3250	1090	53.17	\$61.14
Intel Xeon X5365 @ 3.00GHz	3491	1026	35.09	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4134	884	108.80	\$38.00
Intel Xeon X5460 @ 3.16GHz	4350	843	76.66	\$56.75

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5470 @ 3.33GHz	4614	788	15.70	\$293.87*
Intel Xeon X5472 @ 3.00GHz	4023	901	17.88	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4569	801	45.70	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4829	749	3.47	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5404	658	312.95	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5399	659	94.89	\$56.90*
Intel Xeon X5570 @ 2.93GHz	5679	618	126.24	\$44.99
Intel Xeon X5647 @ 2.93GHz	5980	580	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7431	451	193.57	\$38.39
Intel Xeon X5660 @ 2.80GHz	7640	435	67.51	\$113.18
Intel Xeon X5667 @ 3.07GHz	4722	765	67.47	\$70.00
Intel Xeon X5670 @ 2.93GHz	7946	411	122.25	\$65.00
Intel Xeon X5672 @ 3.20GHz	6438	542	55.93	\$115.12*
Intel Xeon X5675 @ 3.07GHz	8484	366	35.50	\$239.00
Intel Xeon X5677 @ 3.47GHz	6931	495	19.80	\$350.00*
Intel Xeon X5679 @ 3.20GHz	8845	341	NA	NA
Intel Xeon X5680 @ 3.33GHz	8605	361	66.22	\$129.95
Intel Xeon X5687 @ 3.60GHz	7094	479	97.34	\$72.89
Intel Xeon X5690 @ 3.47GHz	8977	330	57.92	\$155.00
Intel Xeon X5698 @ 4.40GHz	4272	854	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1174	NA	NA
Mobile AMD Athlon 4	314	2518	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2473	NA	NA
Mobile AMD Athlon 64 2700+	398	2426	NA	NA
Mobile AMD Athlon 64 2800+	440	2376	NA	NA
Mobile AMD Athlon 64 3000+	450	2366	NA	NA
Mobile AMD Athlon 64 3200+	448	2368	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon 64 3400+	511	2307	NA	NA
Mobile AMD Athlon 64 3700+	435	2388	NA	NA
Mobile AMD Athlon 64 4000+	576	2267	NA	NA
Mobile AMD Athlon 1400+	266	2596	NA	NA
Mobile AMD Athlon 2500+	370	2457	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2597	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2445	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2550	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2318	NA	NA
Mobile AMD Athlon XP	572	2273	47.72	\$11.99*
Mobile AMD Athlon XP-M	512	2306	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2678	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2601	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2605	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2506	NA	NA
Mobile AMD Athlon XP-M 1800+	312	2522	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2492	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2540	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2467	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2487	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2485	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2456	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2465	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2464	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2378	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M 3200+	487	2326	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2312	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2557	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2549	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2497	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2454	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2343	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2313	NA	NA
Mobile AMD Sempron 2100+	252	2612	NA	NA
Mobile AMD Sempron 2600+	394	2432	NA	NA
Mobile AMD Sempron 2800+	358	2474	NA	NA
Mobile AMD Sempron 3000+	389	2439	NA	NA
Mobile AMD Sempron 3100+	416	2400	NA	NA
Mobile AMD Sempron 3200+	354	2478	NA	NA
Mobile AMD Sempron 3300+	445	2372	NA	NA
Mobile AMD Sempron 3400+	447	2369	NA	NA
Mobile AMD Sempron 3500+	410	2406	NA	NA
Mobile AMD Sempron 3600+	431	2392	NA	NA
Mobile AMD Sempron 3800+	485	2331	NA	NA
Mobile Intel Celeron 1.20GHz	170	2688	NA	NA
Mobile Intel Celeron 1.50GHz	188	2672	NA	NA
Mobile Intel Celeron 1.60GHz	188	2673	NA	NA
Mobile Intel Celeron 1.70GHz	181	2681	NA	NA
Mobile Intel Celeron 1.80GHz	186	2675	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 2.00GHz	204	2658	NA	NA
Mobile Intel Celeron 2.20GHz	226	2639	NA	NA
Mobile Intel Celeron 2.40GHz	239	2627	NA	NA
Mobile Intel Celeron 2.50GHz	281	2576	NA	NA
Mobile Intel Celeron 1200MHz	294	2551	NA	NA
Mobile Intel Celeron 1333MHz	309	2526	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2583	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2599	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2580	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2516	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2495	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2475	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2379	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2340	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2667	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2687	0.91	\$189.99
Mobile Intel Pentium 4 - M 1.80GHz	175	2684	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2634	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2662	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2664	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2650	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2607	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2519	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2652	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2663	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2616	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2555	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2640	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium III - M 1333MHz	289	2556	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1334	NA	NA
Quad-Core AMD Opteron 1385	3442	1039	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3418	1044	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1194	NA	NA
VIA C3 Ezra	100	2716	NA	NA
VIA C7 1500MHz	284	2571	NA	NA
VIA C7-D 1500MHz	287	2563	NA	NA
VIA C7-D 1800MHz	203	2659	NA	NA
VIA C7-D 2000MHz	368	2460	NA	NA
VIA C7-M 1000MHz	164	2690	NA	NA
VIA C7-M 1200MHz	140	2703	NA	NA
VIA C7-M 1600MHz	178	2683	NA	NA
VIA C7-M 6300MHz	222	2642	NA	NA
VIA Eden 800MHz	155	2694	NA	NA
VIA Eden 1000MHz	123	2711	NA	NA
VIA Eden 1200MHz	142	2702	NA	NA
VIA Eden C1050@1.06GHz	352	2481	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2338	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	1961	NA	NA
VIA Esther 1000MHz	146	2701	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Esther 1300MHz	250	2615	NA	NA
VIA Esther 1500MHz	219	2644	NA	NA
VIA Esther 2000MHz	394	2431	NA	NA
VIA Nano L1900@1400MHz	457	2358	NA	NA
VIA Nano L2007@1600MHz	369	2458	NA	NA
VIA Nano L2100@1800MHz	428	2394	NA	NA
VIA Nano L2207@1600MHz	296	2548	NA	NA
VIA Nano L3025@1600MHz	517	2302	NA	NA
VIA Nano L3050@1800MHz	581	2266	NA	NA
VIA Nano L3600@2000MHz	645	2232	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2447	NA	NA
VIA Nano U2250@1300+MHz	274	2588	NA	NA
VIA Nano U2500@1200MHz	306	2530	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2315	NA	NA
VIA Nano U3300@1200MHz	409	2409	NA	NA
VIA Nano U3500@1000MHz	275	2586	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2252	NA	NA
VIA Nehemiah	155	2695	NA	NA
VIA QuadCore C4650@2.0GHz	1940	1550	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1833	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1942	NA	NA
VIA Samuel 2	79	2718	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	268	24.17	\$317.40*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	106	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	369	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	375	2.95	\$999.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Athlon MP 2000+	604	420	NA	NA
[Dual CPU] AMD EPYC 7281	12720	157	9.10	\$1,397.98
[Dual CPU] AMD EPYC 7401	23518	51	5.84	\$4,028.02
[Dual CPU] AMD EPYC 7451	28957	22	5.68	\$5,093.98
[Dual CPU] AMD EPYC 7501	23727	50	3.19	\$7,445.98
[Dual CPU] AMD EPYC 7551	30966	15	4.15	\$7,458.66*
[Dual CPU] AMD Opteron 246	1130	409	28.26	\$39.98
[Dual CPU] AMD Opteron 248	1053	410	4.79	\$219.90
[Dual CPU] AMD Opteron 250	1438	406	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1385	407	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	415	NA	NA
[Dual CPU] AMD Opteron 256	1853	403	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	401	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	397	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	400	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	392	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	384	NA	NA
[Dual CPU] AMD Opteron 290	2807	381	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	378	NA	NA
[Dual CPU] AMD Opteron 2212	2203	398	91.79	\$24.00*
[Dual CPU] AMD Opteron 2214	2344	393	90.15	\$26.00
[Dual CPU] AMD Opteron 2214 HE	2463	391	NA	NA
[Dual CPU] AMD Opteron 2216	2485	389	36.16	\$68.72*
[Dual CPU] AMD Opteron 2216 HE	2593	387	NA	NA
[Dual CPU] AMD Opteron 2218	2719	385	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	388	NA	NA
[Dual CPU] AMD Opteron 2220	2850	379	0.97	\$2,950.32
[Dual CPU] AMD Opteron 2220 SE	2882	377	57.64	\$50.00
[Dual CPU] AMD Opteron 2222	3008	372	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	367	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	357	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	364	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4090	358	7.57	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	346	6.88	\$664.06
[Dual CPU] AMD Opteron 2356	4441	349	148.53	\$29.90
[Dual CPU] AMD Opteron 2360 SE	5315	329	98.43	\$54.00
[Dual CPU] AMD Opteron 2373 EE	4164	355	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	342	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	330	104.76	\$50.00*
[Dual CPU] AMD Opteron 2378	5559	324	15.53	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	316	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	313	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6441	297	NA	NA
[Dual CPU] AMD Opteron 2389	5677	317	142.00	\$39.98
[Dual CPU] AMD Opteron 2419	5191	332	216.47	\$23.98
[Dual CPU] AMD Opteron 2425 HE	6209	305	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2427	5980	311	31.43	\$190.28*
[Dual CPU] AMD Opteron 2431	6438	298	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7080	283	29.40	\$240.80*
[Dual CPU] AMD Opteron 2439 SE	8071	254	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	359	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	319	9.15	\$617.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 4170 HE	6344	301	29.10	\$218.00
[Dual CPU] AMD Opteron 4180	6367	300	14.15	\$450.08
[Dual CPU] AMD Opteron 4184	7848	260	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	253	8.64	\$936.14*
[Dual CPU] AMD Opteron 4228 HE	7986	255	NA	NA
[Dual CPU] AMD Opteron 4234	9361	222	15.57	\$601.40*
[Dual CPU] AMD Opteron 4276 HE	9681	216	NA	NA
[Dual CPU] AMD Opteron 4280	4525	347	4.96	\$912.88*
[Dual CPU] AMD Opteron 4284	7833	262	10.96	\$714.60*
[Dual CPU] AMD Opteron 4334	9456	221	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	195	NA	NA
[Dual CPU] AMD Opteron 4376 HE	10244	203	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	185	15.01	\$757.04*
[Dual CPU] AMD Opteron 6128	6881	288	163.91	\$41.98
[Dual CPU] AMD Opteron 6128 HE	5582	322	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	237	NA	NA
[Dual CPU] AMD Opteron 6136	7255	277	10.10	\$718.00
[Dual CPU] AMD Opteron 6164 HE	5109	335	NA	NA
[Dual CPU] AMD Opteron 6168	7741	265	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7623	269	18.15	\$419.90
[Dual CPU] AMD Opteron 6174	8776	234	399.27	\$21.98
[Dual CPU] AMD Opteron 6176 SE	8448	242	15.30	\$552.00*
[Dual CPU] AMD Opteron 6180 SE	3114	370	NA	NA
[Dual CPU] AMD Opteron 6204	7134	281	NA	NA
[Dual CPU] AMD Opteron 6212	8955	228	21.37	\$419.00*
[Dual CPU] AMD Opteron 6220	10740	191	25.57	\$420.00
[Dual CPU] AMD Opteron 6234	10262	202	12.83	\$799.98*
[Dual CPU] AMD Opteron 6238	10349	199	4.76	\$2,176.22*
[Dual CPU] AMD Opteron 6272	10026	208	16.05	\$624.80
[Dual CPU] AMD Opteron 6274	10682	192	25.43	\$420.00
[Dual CPU] AMD Opteron 6275	9936	211	NA	NA
[Dual CPU] AMD Opteron 6276	10194	205	16.50	\$617.78
[Dual CPU] AMD Opteron 6284 SE	11985	171	NA	NA
[Dual CPU] AMD Opteron 6308	8351	245	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10914	189	20.21	\$539.96
[Dual CPU] AMD Opteron 6328	11722	176	11.49	\$1,019.96
[Dual CPU] AMD Opteron 6344	11203	186	13.83	\$809.96
[Dual CPU] AMD Opteron 6348	11412	182	9.13	\$1,249.96
[Dual CPU] AMD Opteron 6376	10405	197	8.69	\$1,198.00
[Dual CPU] AMD Opteron 6378	2905	376	3.64	\$798.00*
[Dual CPU] AMD Opteron 6380	14200	144	47.34	\$299.98
[Dual CPU] AMD Opteron 6386 SE	10764	190	35.88	\$299.98
[Dual CPU] AMD Opteron 8218	2831	380	67.40	\$42.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 8222 SE	2793	383	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	368	73.25	\$44.00
[Dual CPU] AMD Opteron 8380	5643	320	13.70	\$412.00*
[Dual CPU] AMD Opteron 8381 HE	5210	331	NA	NA
[Dual CPU] AMD Opteron 8389	6517	294	155.24	\$41.98
[Dual CPU] AMD Opteron 8431	5813	314	207.76	\$27.98
[Dual CPU] AMD Opteron 8435	7606	270	38.42	\$197.98*
[Dual CPU] AMD Opteron 8439 SE	7691	267	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	408	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	395	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	363	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7955	256	2.20	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	429	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	427	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	423	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	425	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	430	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	431	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	428	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	479	426	26.32	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	421	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	687	417	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	784	416	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	419	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	857	414	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	893	413	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	926	412	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	402	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	411	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2154	399	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	394	0.70	\$3,289.96*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2615	386	34.05	\$76.80*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	371	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2980	374	59.62	\$49.98
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	373	37.50	\$79.98*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3449	365	3.78	\$911.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3845	361	131.68	\$29.20*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8987	227	17.83	\$503.98
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11646	178	16.69	\$697.88
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	306	6.93	\$895.18
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	303	14.14	\$445.68*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7518	272	11.22	\$670.08
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	226	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11724	175	15.64	\$749.60
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11725	174	10.11	\$1,159.90
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	247	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	147	12.79	\$1,066.44
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	14265	142	13.16	\$1,084.24
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	183	54.76	\$207.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	163	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	156	16.07	\$800.00*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	146	9.50	\$1,444.44*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	117	NA	NA
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11886	172	91.44	\$129.98
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	116	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	100	4.13	\$4,500.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6326	302	113.61	\$55.68
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	293	68.44	\$95.26
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8374	243	19.18	\$436.64
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8542	240	18.57	\$459.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8223	250	54.38	\$151.20
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8815	232	15.80	\$558.00
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9984	209	11.14	\$896.04
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10992	188	12.66	\$868.00*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12441	161	60.39	\$206.00
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13472	154	18.47	\$729.28
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15276	131	10.75	\$1,421.08
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16416	119	18.57	\$884.00
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14251	143	17.59	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12208	167	11.12	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	138	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13621	150	53.15	\$256.28
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16064	122	50.52	\$318.00
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18581	99	15.94	\$1,165.98
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18923	98	13.71	\$1,380.00
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	187	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	149	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	132	10.10	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	275	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15958	124	4.84	\$3,298.44
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16437	118	6.34	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16678	115	7.35	\$2,267.86*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14708	135	37.77	\$389.38
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14491	139	15.07	\$961.36
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20524	84	6.63	\$3,094.54
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20698	81	10.38	\$1,994.20
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13608	152	12.88	\$1,056.80
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21298	74	4.24	\$5,018.00
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21083	77	5.67	\$3,720.00*
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21705	69	6.74	\$3,218.24
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	165	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	11808	173	3.99	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	105	6.69	\$2,705.82
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15001	133	62.68	\$239.32
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19049	97	29.24	\$651.42
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20518	85	10.46	\$1,960.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20452	86	7.99	\$2,559.06
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	140	91.04	\$158.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14337	141	23.97	\$598.10
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	80	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13345	155	4.56	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18096	104	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	94	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16404	120	80.41	\$204.00
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18347	101	30.04	\$610.68*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22600	63	7.06	\$3,199.98
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23117	56	7.76	\$2,977.98
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	55	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17470	107	61.73	\$283.00*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	38	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17003	112	37.62	\$452.00
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22846	62	14.96	\$1,527.12

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23109	57	5.11	\$4,519.90*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23855	49	5.49	\$4,348.00
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18256	102	37.38	\$488.38
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	21136	76	21.45	\$985.54
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	66	7.71	\$2,900.00*
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23077	58	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	22959	61	16.40	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	20	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	89	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	70	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	19	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18202	103	52.45	\$347.02
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21476	71	30.77	\$698.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24877	39	6.19	\$4,017.90
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	53	6.63	\$3,525.80*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	113	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	20981	79	5.28	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24503	42	6.45	\$3,799.98*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	67	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26071	33	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21008	78	20.63	\$1,018.16
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23264	54	3.13	\$7,427.10*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24199	45	4.02	\$6,019.90*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26529	30	5.75	\$4,614.62*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	20362	87	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	31	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	20005	88	49.52	\$404.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23887	48	20.28	\$1,178.00
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25668	35	7.10	\$3,615.40
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27561	27	5.86	\$4,701.76*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20590	83	2.87	\$7,186.44
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	40	6.18	\$4,019.98
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	36	5.00	\$5,120.64
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23914	47	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30116	17	6.03	\$4,996.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31526	12	5.24	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23421	52	5.24	\$4,470.04*
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28349	24	5.32	\$5,323.80*
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30520	16	5.44	\$5,610.00
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	25	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29958	18	4.37	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	10	5.00	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	46	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	25481	37	3.18	\$8,020.00
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34330	7	2.14	\$16,020.00*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	82	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	92	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	126	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	96	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	91	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19401	93	19.72	\$983.60*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	134	1.94	\$7,676.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	193	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	64	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	29	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	168	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	127	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	65	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15488	128	2.35	\$6,587.58*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	396	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	360	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3588	362	6.90	\$519.90*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4141	356	13.11	\$315.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	338	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4593	345	129.23	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5134	334	62.19	\$82.56*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5182	333	139.90	\$37.04*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6036	309	14.58	\$414.02*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6378	299	12.27	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6867	289	95.38	\$72.00
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7207	278	169.66	\$42.48*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7579	271	102.64	\$73.84*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7148	280	130.92	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7836	261	71.50	\$109.60*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2480	390	13.05	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	382	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4892	339	88.30	\$55.40*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5023	337	16.75	\$299.90*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5434	326	5.95	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7438	274	229.00	\$32.48*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7740	266	150.00	\$51.60*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7859	259	143.31	\$54.84
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4236	353	16.41	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5560	323	10.19	\$545.64*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5989	310	9.66	\$620.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8103	252	100.33	\$80.76
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8366	244	55.21	\$151.52*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8790	233	24.42	\$359.90
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10413	196	68.84	\$151.26
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10348	200	44.99	\$230.00
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	325	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	328	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	21833	68	7.95	\$2,745.38
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	44	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	75	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	21447	72	7.96	\$2,696.00*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25997	34	8.33	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17132	111	6.61	\$2,589.98*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27978	26	7.88	\$3,552.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	23072	59	6.80	\$3,394.00*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	23057	60	5.96	\$3,865.80
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	27498	28	5.51	\$4,987.08*
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29157	21	5.48	\$5,320.00*
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35823	4	6.67	\$5,369.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32523	9	6.17	\$5,269.54*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	24344	43	4.12	\$5,904.00*
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28434	23	4.86	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	34296	8	4.53	\$7,574.54
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	13	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35368	6	4.65	\$7,599.98*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36823	3	5.20	\$7,086.00*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	348	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	352	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	340	64.02	\$76.40*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	321	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6137	307	30.66	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6487	296	20.53	\$315.90*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6600	291	20.89	\$315.90*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	287	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	286	130.04	\$53.40*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	257	284.35	\$27.92*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	285	220.31	\$31.80*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	229	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9618	217	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9734	215	140.06	\$69.50*
[Dual CPU] Intel Xeon MP 2.50GHz	550	422	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	424	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	418	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	404	NA	NA
[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 8180 @ 2.50GHz	31092	14	1.55	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	16342	121	17.40	\$939.32*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	17291	109	16.01	\$1,080.16*
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13557	153	12.81	\$1,058.42*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19311	95	12.97	\$1,489.46*
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	19703	90	8.79	\$2,242.32*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	206	48.66	\$207.76*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10356	198	3.36	\$3,080.20*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	201	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4778	343	17.16	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	344	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	341	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5808	315	47.50	\$122.28
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6241	304	31.36	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7497	273	98.64	\$76.00
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7876	258	69.39	\$113.50
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8204	251	13.96	\$587.74*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7780	263	17.29	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8258	248	41.29	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8769	235	3.15	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9021	225	261.18	\$34.54*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	223	79.82	\$113.80*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9534	220	105.96	\$89.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	212	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11390	184	148.35	\$76.78
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11678	177	51.59	\$226.36
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	231	62.98	\$140.00
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12357	162	95.05	\$130.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10053	207	43.66	\$230.24*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12648	159	26.46	\$478.00
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11506	180	16.44	\$700.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	151	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13637	148	52.47	\$259.90
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	12010	170	82.38	\$145.78
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13938	145	44.96	\$310.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	241	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	292	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	236	41.21	\$211.60*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	210	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	179	264.34	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	354	59.59	\$70.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	336	15.28	\$330.00*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	351	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	350	199.09	\$21.98
[Dual CPU] Quad-Core AMD Opteron 8378	5382	327	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	290	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	318	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	312	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	246	NA	NA
[Quad CPU] AMD Opteron 6136	9767	213	6.80	\$1,436.00
[Quad CPU] AMD Opteron 6272	12292	164	9.84	\$1,249.60
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 6274	10488	194	12.49	\$840.00
[Quad CPU] AMD Opteron 6276	15342	130	12.42	\$1,235.56
[Quad CPU] AMD Opteron 6278	12055	169	4.35	\$2,770.00*
[Quad CPU] AMD Opteron 6376	14681	136	6.13	\$2,396.00
[Quad CPU] AMD Opteron 6380	12442	160	20.74	\$599.96
[Quad CPU] AMD Opteron 8360 SE	6490	295	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	308	NA	NA
[Quad CPU] AMD Opteron 8382	8553	239	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	276	NA	NA
[Quad CPU] AMD Opteron 8431	8252	249	147.46	\$55.96
[Quad CPU] AMD Opteron 8435	7099	282	17.93	\$395.96*
[Quad CPU] AMD Opteron 8439 SE	8943	230	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	405	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	366	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	114	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	125	1.13	\$14,079.88*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	41	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	73	10.86	\$1,967.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	123	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	11	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	110	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	108	131.38	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14622	137	1.11	\$13,175.16*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	158	15.87	\$799.96*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	284	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	264	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	204	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	218	7.31	\$1,310.40*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	224	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	32	5.05	\$5,179.96*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	214	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	219	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12250	166	28.95	\$423.20*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	238	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	181	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	129	175.16	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	279	163.10	\$43.96

* - Last price seen from our affiliates.

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