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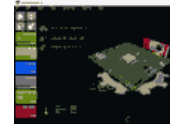
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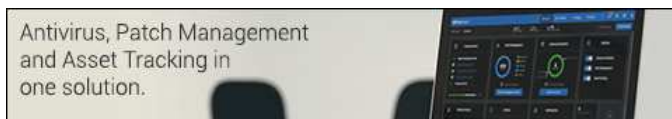
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CPU List

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



Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2503	NA	NA
AMD A4 Micro-6400T APU	1544	1693	NA	NA
AMD A4 PRO-3340B	2402	1315	NA	NA
AMD A4 PRO-7300B APU	2342	1334	NA	NA
AMD A4 PRO-7350B	2794	1187	NA	NA
AMD A4-1200 APU	640	2180	NA	NA
AMD A4-1250 APU	609	2193	NA	NA
AMD A4-3300 APU	1506	1714	115.98	\$12.99
AMD A4-3300M APU	1183	1880	39.47	\$29.99*
AMD A4-3305M APU	1224	1859	40.81	\$30.00*
AMD A4-3310MX APU	1291	1818	NA	NA
AMD A4-3320M APU	1256	1844	40.53	\$31.00*
AMD A4-3330MX APU	1217	1864	NA	NA
AMD A4-3400 APU	1595	1673	26.93	\$59.26
AMD A4-3420 APU	1677	1630	NA	NA
AMD A4-4000 APU	1816	1562	33.59	\$54.10
AMD A4-4020 APU	1914	1508	43.56	\$43.95
AMD A4-4300M APU	1614	1663	40.51	\$39.86*
AMD A4-4355M APU	1173	1885	NA	NA
AMD A4-5000 APU	1906	1510	NA	NA
AMD A4-5050 APU	2134	1419	NA	NA
AMD A4-5100 APU	2082	1442	NA	NA
AMD A4-5150M APU	1820	1558	NA	NA
AMD A4-5300 APU	2001	1472	45.51	\$43.99
AMD A4-5300B APU	2069	1445	54.46	\$38.00*
AMD A4-6210 APU	2148	1414	NA	NA
AMD A4-6250J APU	2556	1262	NA	NA
AMD A4-6300 APU	2216	1389	49.28	\$44.97
AMD A4-6300B APU	2129	1421	21.30	\$100.00*
AMD A4-6320 APU	2322	1340	22.31	\$104.09*
AMD A4-7210 APU	2491	1285	NA	NA
AMD A4-7300 APU	2288	1357	51.69	\$44.28
AMD A4-9120	1782	1573	NA	NA
AMD A6 Micro-6500T APU	1834	1552	NA	NA
AMD A6 PRO-7050B APU	1582	1679	NA	NA
AMD A6 PRO-7400B	2749	1204	NA	NA
AMD A6-1450 APU	1523	1703	NA	NA
AMD A6-3400M APU	1896	1517	65.39	\$29.00*
AMD A6-3410MX APU	2056	1448	68.59	\$29.99*
AMD A6-3420M APU	2007	1471	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-3430MX APU	2225	1388	NA	NA
AMD A6-3500 APU	2007	1470	24.41	\$82.25
AMD A6-3600 APU	2707	1216	117.76	\$22.99*
AMD A6-3620 APU	2811	1183	46.87	\$59.99*
AMD A6-3650 APU	3160	1074	21.07	\$149.99*
AMD A6-3670 APU	3199	1057	16.91	\$189.28
AMD A6-4400M APU	1629	1656	40.89	\$39.86*
AMD A6-4455M APU	1284	1825	NA	NA
AMD A6-5200 APU	2418	1308	NA	NA
AMD A6-5345M APU	1476	1726	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5350M APU	1903	1513	44.14	\$43.12*
AMD A6-5357M APU	1938	1499	NA	NA
AMD A6-5400B APU	2177	1403	20.73	\$105.04*
AMD A6-5400K APU	2150	1411	25.95	\$82.86
AMD A6-6310 APU	2434	1303	NA	NA
AMD A6-6400B APU	2281	1364	NA	NA
AMD A6-6400K APU	2296	1353	47.28	\$48.58
AMD A6-6420B APU	2612	1241	NA	NA
AMD A6-6420K APU	2351	1333	33.12	\$71.00*
AMD A6-7000	1671	1634	NA	NA
AMD A6-7310 APU	2685	1222	NA	NA
AMD A6-7400K APU	2790	1188	62.02	\$44.99
AMD A6-7470K	2817	1179	34.16	\$82.50
AMD A6-8500P	2183	1400	NA	NA
AMD A6-8550	3104	1086	NA	NA
AMD A6-9200	2051	1452	NA	NA
AMD A6-9210	1876	1534	NA	NA
AMD A6-9220	2331	1337	NA	NA
AMD A6-9220e	1509	1712	NA	NA
AMD A6-9230	2274	1367	NA	NA
AMD A6-9500	2963	1130	50.43	\$58.78
AMD A8 PRO-7150B APU	2711	1214	NA	NA
AMD A8 PRO-7600B APU	4847	700	NA	NA
AMD A8-3500M APU	1974	1483	28.23	\$69.95
AMD A8-3510MX APU	2382	1321	NA	NA
AMD A8-3520M APU	2178	1402	NA	NA
AMD A8-3530MX APU	2382	1319	NA	NA
AMD A8-3550MX APU	2610	1242	NA	NA
AMD A8-3800 APU	3048	1105	17.93	\$169.99*
AMD A8-3820 APU	3146	1078	25.17	\$124.99*
AMD A8-3850 APU	3475	983	17.38	\$199.99
AMD A8-3870K APU	3572	960	17.73	\$201.54*
AMD A8-4500M APU	2663	1226	NA	NA
AMD A8-4555M APU	2125	1424	NA	NA
AMD A8-5500 APU	3992	862	30.95	\$129.00*
AMD A8-5500B APU	3967	869	NA	NA
AMD A8-5545M APU	2582	1253	NA	NA
AMD A8-5550M APU	2999	1119	NA	NA
AMD A8-5557M APU	2958	1133	NA	NA
AMD A8-5600K APU	4339	799	18.93	\$229.30
AMD A8-6410 APU	2562	1261	NA	NA
AMD A8-6500 APU	4385	788	27.24	\$160.99*
AMD A8-6500B APU	4571	755	NA	NA
AMD A8-6500T APU	3221	1050	NA	NA
AMD A8-6600K APU	4577	752	24.22	\$189.04*
AMD A8-7050	1986	1481	NA	NA
AMD A8-7100 APU	2821	1175	NA	NA
AMD A8-7200P	3300	1028	NA	NA
AMD A8-7410 APU	2741	1207	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	5110	653	30.60	\$167.00
AMD A8-7650K	4918	691	62.26	\$78.99
AMD A8-7670K	5073	659	31.42	\$161.50
AMD A8-8600P	3248	1043	NA	NA
AMD A8-8650	5470	606	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-9600	4988	677	73.89	\$67.51
AMD A9-9400	2257	1375	NA	NA
AMD A9-9410	2571	1259	NA	NA
AMD A9-9420	2325	1339	NA	NA
AMD A9-9430	2705	1217	NA	NA
AMD A10 Micro-6700T APU	1890	1523	NA	NA
AMD A10 PRO-7350B APU	3241	1046	NA	NA
AMD A10 PRO-7800B APU	5409	616	NA	NA
AMD A10 PRO-7850B APU	5465	608	NA	NA
AMD A10-4600M APU	3116	1084	NA	NA
AMD A10-4655M APU	2598	1247	NA	NA
AMD A10-4657M APU	2906	1149	NA	NA
AMD A10-5700 APU	4204	821	8.17	\$514.70*
AMD A10-5745M APU	2761	1199	NA	NA
AMD A10-5750M APU	3342	1019	NA	NA
AMD A10-5757M APU	3090	1089	NA	NA
AMD A10-5800B APU	4658	731	NA	NA
AMD A10-5800K APU	4638	736	36.81	\$125.99*
AMD A10-6700 APU	4602	745	9.07	\$507.68*
AMD A10-6700T APU	3691	935	24.86	\$148.51
AMD A10-6790K APU	4704	724	22.75	\$206.82*
AMD A10-6800B APU	4991	676	NA	NA
AMD A10-6800K APU	4874	695	16.91	\$288.31
AMD A10-7300 APU	2911	1148	NA	NA
AMD A10-7400P	3631	943	NA	NA
AMD A10-7700K APU	5134	649	51.35	\$100.00*
AMD A10-7800 APU	5005	675	47.68	\$104.99*
AMD A10-7850K APU	5484	603	13.75	\$398.98*
AMD A10-7860K	5096	656	15.98	\$319.00
AMD A10-7870K	5486	602	46.72	\$117.44*
AMD A10-7890K	5749	572	31.39	\$183.20
AMD A10-8700P	3458	989	NA	NA
AMD A10-8750	5103	655	NA	NA
AMD A10-8850	5613	586	NA	NA
AMD A10-9600P	3816	900	NA	NA
AMD A10-9620P	3860	887	NA	NA
AMD A10-9630P	4492	771	NA	NA
AMD A10-9700	5403	618	61.34	\$88.10
AMD A10-9700E	4775	715	49.66	\$96.17
AMD A12-9700P	3749	923	NA	NA
AMD A12-9720P	3990	863	NA	NA
AMD A12-9730P	4389	785	NA	NA
AMD A12-9800	5558	594	28.04	\$198.25
AMD A12-9800E	5060	661	43.05	\$117.55
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon64 X2 Dual Core 3800+	950	2023	NA	NA
AMD Athlon64 X2 Dual Core 4200+	1006	1982	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	1922	NA	NA
AMD Athlon 4	279	2522	5.72	\$48.91
AMD Athlon 64 2000+	116	2655	NA	NA
AMD Athlon 64 2200+	575	2212	NA	NA
AMD Athlon 64 2600+	374	2395	NA	NA
AMD Athlon 64 2800+	438	2324	4.38	\$99.99*
AMD Athlon 64 3000+	462	2296	9.24	\$50.00
AMD Athlon 64 3200+	491	2263	3.28	\$149.95*
AMD Athlon 64 3300+	576	2211	NA	NA
AMD Athlon 64 3400+	545	2224	NA	NA
AMD Athlon 64 3500+	540	2231	5.35	\$100.95
AMD Athlon 64 3600+	601	2199	NA	NA
AMD Athlon 64 3700+	599	2200	8.69	\$69.00
AMD Athlon 64 3800+	588	2204	4.20	\$139.95*
AMD Athlon 64 4000+	605	2194	3.06	\$197.95
AMD Athlon 64 FX-25	794	2107	NA	NA
AMD Athlon 64 FX-34	380	2388	NA	NA
AMD Athlon 64 FX-51	437	2325	NA	NA
AMD Athlon 64 FX-53	646	2174	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2138	4.01	\$179.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-57	730	2134	NA	NA
AMD Athlon 64 FX-59	715	2142	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1827	NA	NA
AMD Athlon 64 FX-62 Dual Core	1579	1682	NA	NA
AMD Athlon 64 FX-72	1794	1568	NA	NA
AMD Athlon 64 FX-74	1495	1719	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2019	NA	NA
AMD Athlon 64 X2 4200+	1285	1824	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1775	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	994	1994	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	969	2007	16.15	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1001	1985	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1039	1961	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1099	1926	6.11	\$179.95
AMD Athlon 64 X2 Dual Core 4400+	1147	1903	19.13	\$60.00*
AMD Athlon 64 X2 Dual Core 4600+	1222	1861	3.40	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1257	1842	2.73	\$459.95
AMD Athlon 64 X2 Dual Core 5000+	1312	1802	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1383	1766	26.06	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1451	1737	27.39	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1482	1724	10.59	\$139.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1699	38.26	\$39.95*
AMD Athlon 64 X2 Dual Core 6000+	1604	1670	49.36	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1792	1569	6.89	\$259.95*
AMD Athlon 64 X2 Dual Core BE-230	1095	1930	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	1940	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	1958	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 TK-53	839	2087	24.03	\$34.95*
AMD Athlon 64 X2 Dual Core TK-55	839	2088	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2006	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2066	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2099	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	872	2067	11.99	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	925	2042	NA	NA
AMD Athlon 64 X2 QL-60	920	2049	NA	NA
AMD Athlon 64 X2 QL-62	1015	1976	NA	NA
AMD Athlon 64 X2 QL-64	988	1998	NA	NA
AMD Athlon 64 X2 QL-65	1040	1960	NA	NA
AMD Athlon 64 X2 QL-66	945	2027	NA	NA
AMD Athlon 64 X2 QL-67	1006	1981	NA	NA
AMD Athlon 64 X2 TK-55	955	2020	NA	NA
AMD Athlon 64 X2 TK-57	988	1999	NA	NA
AMD Athlon 1500+	294	2495	NA	NA
AMD Athlon 1640B	678	2162	13.57	\$50.00*
AMD Athlon 1700+	349	2425	NA	NA
AMD Athlon 2000+	390	2382	NA	NA
AMD Athlon 2100+	412	2346	NA	NA
AMD Athlon 2200+	363	2411	4.55	\$79.99*
AMD Athlon 2400+	462	2297	NA	NA
AMD Athlon 2500+	374	2394	2.04	\$183.99*
AMD Athlon 2600+	444	2316	4.23	\$104.95*
AMD Athlon 2650e	409	2353	21.53	\$19.00*
AMD Athlon 2800+	447	2314	8.96	\$49.99*
AMD Athlon 2850e	504	2257	NA	NA
AMD Athlon 3100+	485	2276	NA	NA
AMD Athlon 3200+	458	2300	6.55	\$69.95*
AMD Athlon 5000 Dual-Core	1290	1820	12.91	\$99.95*
AMD Athlon 5150 APU	2094	1437	19.39	\$108.00*
AMD Athlon 5200 Dual-Core	1248	1850	13.82	\$90.33*
AMD Athlon 5350 APU	2598	1246	7.08	\$367.00*
AMD Athlon 5370 APU	2898	1157	45.51	\$63.70*
AMD Athlon 7450 Dual-Core	1442	1743	NA	NA
AMD Athlon 7550 Dual-Core	1458	1732	24.30	\$60.00*
AMD Athlon 7750 Dual-Core	1580	1680	10.63	\$148.71*
AMD Athlon 7850 Dual-Core	1716	1604	8.19	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2505	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 4050e	1086	1938	NA	NA
AMD Athlon Dual Core 4450B	1167	1891	37.65	\$31.00
AMD Athlon Dual Core 4450e	1101	1925	NA	NA
AMD Athlon Dual Core 4850B	1447	1739	NA	NA
AMD Athlon Dual Core 4850e	1315	1801	33.72	\$39.00*
AMD Athlon Dual Core 5000B	1304	1809	13.73	\$95.00*
AMD Athlon Dual Core 5050e	1350	1786	22.50	\$60.00*
AMD Athlon Dual Core 5200B	1328	1796	NA	NA
AMD Athlon Dual Core 5400B	1407	1756	NA	NA
AMD Athlon Dual Core 5600B	1304	1808	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II 160u	560	2221	18.68	\$29.99*
AMD Athlon II 170u	626	2187	20.91	\$29.95*
AMD Athlon II Dual-Core M300	1115	1917	NA	NA
AMD Athlon II Dual-Core M320	1143	1907	38.12	\$30.00*
AMD Athlon II Dual-Core M340	1056	1952	NA	NA
AMD Athlon II N330 Dual-Core	1154	1898	NA	NA
AMD Athlon II N350 Dual-Core	1247	1852	NA	NA
AMD Athlon II N370 Dual-Core	1559	1689	NA	NA
AMD Athlon II Neo K125	467	2289	NA	NA
AMD Athlon II Neo K145	525	2240	NA	NA
AMD Athlon II Neo K325 Dual-Core	778	2112	29.96	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2078	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2108	NA	NA
AMD Athlon II P320 Dual-Core	1216	1865	40.60	\$29.95
AMD Athlon II P340 Dual-Core	1251	1849	27.85	\$44.95*
AMD Athlon II P360 Dual-Core	1322	1800	66.15	\$20.00
AMD Athlon II X2 210e	1486	1722	NA	NA
AMD Athlon II X2 215	1580	1681	131.82	\$11.99*
AMD Athlon II X2 220	1633	1654	50.76	\$32.19
AMD Athlon II X2 225	1526	1700	NA	NA
AMD Athlon II X2 235e	1657	1642	9.12	\$181.88*
AMD Athlon II X2 240	1643	1648	47.04	\$34.95
AMD Athlon II X2 240e	1698	1616	48.59	\$34.95*
AMD Athlon II X2 245	1682	1627	48.13	\$34.95*
AMD Athlon II X2 245e	1711	1607	21.39	\$80.00*
AMD Athlon II X2 250	1749	1589	44.92	\$38.95
AMD Athlon II X2 250e	1949	1494	25.41	\$76.73*
AMD Athlon II X2 250u	999	1987	25.03	\$39.95*
AMD Athlon II X2 255	1845	1546	28.30	\$65.22*
AMD Athlon II X2 260	1874	1535	39.05	\$48.00*
AMD Athlon II X2 260u	1106	1923	13.26	\$83.44*
AMD Athlon II X2 265	1881	1528	22.71	\$82.88*
AMD Athlon II X2 270	1991	1477	19.91	\$99.99*
AMD Athlon II X2 270u	1350	1785	19.96	\$67.67*
AMD Athlon II X2 280	2159	1408	21.59	\$99.99*
AMD Athlon II X2 4300e	1464	1730	NA	NA
AMD Athlon II X2 4400e	1618	1661	NA	NA
AMD Athlon II X2 4450e	1504	1715	NA	NA
AMD Athlon II X2 B22	1703	1611	81.12	\$21.00*
AMD Athlon II X2 B24	1783	1571	44.64	\$39.95*
AMD Athlon II X2 B26	1878	1530	31.32	\$59.97*
AMD Athlon II X2 B28	2112	1429	46.99	\$44.95
AMD Athlon II X3 400e	2009	1468	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1462	25.32	\$79.99*
AMD Athlon II X3 415e	2247	1378	29.97	\$75.00*
AMD Athlon II X3 420e	2286	1360	19.68	\$116.15*
AMD Athlon II X3 425	2319	1342	55.27	\$41.96*
AMD Athlon II X3 425e	2239	1383	NA	NA
AMD Athlon II X3 435	2470	1293	61.84	\$39.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 440	2568	1260	54.71	\$46.95*
AMD Athlon II X3 445	2583	1252	28.39	\$91.00*
AMD Athlon II X3 450	2627	1235	58.46	\$44.95
AMD Athlon II X3 455	2771	1193	30.81	\$89.95*
AMD Athlon II X3 460	2858	1166	57.19	\$49.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 553	3814	901	NA	NA
AMD Athlon II X4 555	3830	896	NA	NA
AMD Athlon II X4 559	4167	829	NA	NA
AMD Athlon II X4 600e	2446	1299	18.79	\$130.23*
AMD Athlon II X4 605e	2743	1206	26.95	\$101.80*
AMD Athlon II X4 610e	2798	1186	39.98	\$69.99*
AMD Athlon II X4 615e	2901	1156	49.17	\$59.00*
AMD Athlon II X4 620	2940	1139	45.28	\$64.95*
AMD Athlon II X4 620e	2906	1150	NA	NA
AMD Athlon II X4 630	3137	1081	49.85	\$62.95*
AMD Athlon II X4 631 Quad-Core	3155	1076	39.44	\$80.00
AMD Athlon II X4 635	3256	1042	46.55	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1058	NA	NA
AMD Athlon II X4 640	3318	1023	12.76	\$259.95
AMD Athlon II X4 641 Quad-Core	3361	1016	36.74	\$91.50*
AMD Athlon II X4 645	3481	981	34.83	\$99.95*
AMD Athlon II X4 650	3474	985	20.85	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	959	20.09	\$178.04*
AMD Athlon II X4 655	2880	1161	NA	NA
AMD Athlon II X4 6400e	2594	1248	NA	NA
AMD Athlon L110	306	2473	NA	NA
AMD Athlon LE-1600	567	2218	27.04	\$21.00*
AMD Athlon LE-1620	572	2214	31.83	\$18.00*
AMD Athlon LE-1640	626	2186	NA	NA
AMD Athlon LE-1660	676	2164	NA	NA
AMD Athlon MP	230	2578	4.20	\$54.95*
AMD Athlon MP 1700+	339	2437	NA	NA
AMD Athlon MP 2400+	436	2327	NA	NA
AMD Athlon MP 2800+	497	2259	NA	NA
AMD Athlon Neo MV-40	410	2349	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	1984	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2114	NA	NA
AMD Athlon Neo X2 Dual Core L335	827	2093	NA	NA
AMD Athlon QI-46	473	2287	NA	NA
AMD Athlon TF-20	418	2342	NA	NA
AMD Athlon TF-36	358	2415	NA	NA
AMD Athlon X2 215	1511	1710	NA	NA
AMD Athlon X2 235e	1806	1563	NA	NA
AMD Athlon X2 240	1575	1686	NA	NA
AMD Athlon X2 240e	1670	1635	NA	NA
AMD Athlon X2 250	1696	1619	NA	NA
AMD Athlon X2 255	1627	1657	NA	NA
AMD Athlon X2 280	2303	1349	13.17	\$174.81*
AMD Athlon X2 340 Dual Core	1893	1522	63.13	\$29.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 370K Dual Core	2251	1377	NA	NA
AMD Athlon X2 440	1424	1750	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2111	NA	NA
AMD Athlon X2 Dual Core 6850e	998	1988	NA	NA
AMD Athlon X2 Dual Core BE-2300	927	2039	NA	NA
AMD Athlon X2 Dual Core BE-2350	1104	1924	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	1866	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1848	NA	NA
AMD Athlon X2 Dual Core L310	643	2177	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	1978	NA	NA
AMD Athlon X3 425	2191	1397	NA	NA
AMD Athlon X3 435	2574	1258	26.96	\$95.49*
AMD Athlon X3 440	2078	1444	23.62	\$87.99*
AMD Athlon X3 445	2314	1343	NA	NA
AMD Athlon X3 450	3064	1099	38.80	\$78.99*
AMD Athlon X3 455	2401	1316	NA	NA
AMD Athlon X4 605e	2505	1281	NA	NA
AMD Athlon X4 620	2861	1165	44.06	\$64.95
AMD Athlon X4 635	2891	1159	23.71	\$121.99*
AMD Athlon X4 640	3172	1065	NA	NA
AMD Athlon X4 645	3595	950	NA	NA
AMD Athlon X4 740 Quad Core	4011	858	14.48	\$277.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X4 750 Quad Core	4551	759	NA	NA
AMD Athlon X4 750K Quad Core	4248	814	55.18	\$76.99*
AMD Athlon X4 760K Quad Core	4581	750	98.53	\$46.50
AMD Athlon X4 830	4701	725	NA	NA
AMD Athlon X4 840	5030	667	63.89	\$78.74*
AMD Athlon X4 845	5448	613	64.95	\$83.88
AMD Athlon X4 860K	5450	611	74.69	\$72.97
AMD Athlon X4 870K	5326	631	71.97	\$74.01
AMD Athlon X4 880K	5600	588	36.40	\$153.89
AMD Athlon X4 950	5351	627	88.06	\$60.77
AMD Athlon XP1600+	281	2518	NA	NA
AMD Athlon XP1700+	234	2574	NA	NA
AMD Athlon XP1900+	353	2422	NA	NA
AMD Athlon XP2100+	287	2507	NA	NA
AMD Athlon XP2200+	401	2365	NA	NA
AMD Athlon XP2400+	391	2380	NA	NA
AMD Athlon XP 1500	282	2517	NA	NA
AMD Athlon XP 1500+	257	2548	NA	NA
AMD Athlon XP 1600+	267	2538	NA	NA
AMD Athlon XP 1700	344	2432	NA	NA
AMD Athlon XP 1700+	271	2533	NA	NA
AMD Athlon XP 1800+	300	2485	5.09	\$58.95*
AMD Athlon XP 1900+	312	2464	NA	NA
AMD Athlon XP 2000+	299	2486	12.00	\$24.99*
AMD Athlon XP 2100+	323	2448	NA	NA
AMD Athlon XP 2200+	328	2446	3.87	\$84.95*
AMD Athlon XP 2300+	464	2294	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2400+	360	2414	4.01	\$89.99*
AMD Athlon XP 2500+	355	2419	NA	NA
AMD Athlon XP 2600+	372	2398	16.18	\$23.03*
AMD Athlon XP 2700+	393	2376	4.64	\$84.79*
AMD Athlon XP 2800+	398	2368	NA	NA
AMD Athlon XP 2900+	440	2320	NA	NA
AMD Athlon XP 3000+	402	2364	5.15	\$78.00*
AMD Athlon XP 3100+	433	2333	NA	NA
AMD Athlon XP 3200+	433	2334	NA	NA
AMD Athlon XP 3400+	570	2216	NA	NA
AMD Athlon XP Pro3+	367	2405	NA	NA
AMD Athlon XP-M	541	2230	15.48	\$34.95*
AMD C-30	310	2467	NA	NA
AMD C-50	463	2295	NA	NA
AMD C-60	476	2285	NA	NA
AMD C-60 APU	545	2225	NA	NA
AMD C-70 APU	568	2217	NA	NA
AMD E1 Micro-6200T APU	960	2017	NA	NA
AMD E1-1200 APU	661	2168	NA	NA
AMD E1-1500 APU	685	2157	NA	NA
AMD E1-2100 APU	632	2183	NA	NA
AMD E1-2200 APU	767	2117	NA	NA
AMD E1-2500 APU	888	2063	NA	NA
AMD E1-6010 APU	853	2079	NA	NA
AMD E1-6015 APU	901	2060	NA	NA
AMD E1-7010 APU	1000	1986	NA	NA
AMD E2-1800 APU	820	2098	NA	NA
AMD E2-2000 APU	829	2092	NA	NA
AMD E2-3000 APU	1088	1935	NA	NA
AMD E2-3000M APU	1091	1933	54.58	\$20.00*
AMD E2-3200 APU	1441	1744	180.35	\$7.99*
AMD E2-3800 APU	1646	1646	NA	NA
AMD E2-6110 APU	1903	1512	NA	NA
AMD E2-7110 APU	2282	1363	NA	NA
AMD E2-9000	1819	1560	NA	NA
AMD E2-9000e	1362	1779	NA	NA
AMD E2-9010	1852	1542	NA	NA
AMD E-240	317	2455	NA	NA
AMD E-300 APU	611	2191	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E-350	747	2127	NA	NA
AMD E-350 APU	770	2116	NA	NA
AMD E-350D APU	727	2136	NA	NA
AMD E-450 APU	766	2118	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1588	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1439	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2512	1278	NA	NA
AMD Embedded R-Series RX-216GD	2409	1313	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	660	NA	NA
AMD Embedded R-Series RX-421BD	4635	738	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 7251 8-Core	11833	155	22.78	\$519.42
AMD EPYC 7351P	17991	50	23.41	\$768.43
AMD EPYC 7401P	18465	43	16.06	\$1,149.99
AMD EPYC 7501	18942	38	5.19	\$3,649.99
AMD EPYC 7551	18483	42	5.00	\$3,699.99
AMD FirePro A320 APU	4540	761	NA	NA
AMD FX-670K Quad-Core	4505	765	NA	NA
AMD FX-770K Quad-Core	4766	716	NA	NA
AMD FX-870K Quad-Core	5143	648	NA	NA
AMD FX-4100 Quad-Core	4060	846	31.24	\$129.99
AMD FX-4130 Quad-Core	4166	831	52.75	\$78.99*
AMD FX-4150 Quad-Core	4594	747	NA	NA
AMD FX-4170 Quad-Core	4847	699	33.76	\$143.61*
AMD FX-4200 Quad-Core	4248	815	18.62	\$228.21*
AMD FX-4300 Quad-Core	4672	730	64.02	\$72.99
AMD FX-4320	5005	674	NA	NA
AMD FX-4330	5222	641	NA	NA
AMD FX-4350 Quad-Core	5340	630	43.46	\$122.88
AMD FX-6100 Six-Core	5374	621	21.85	\$246.00
AMD FX-6120 Six-Core	5747	573	NA	NA
AMD FX-6130 Six-Core	6215	518	NA	NA
AMD FX-6200 Six-Core	6115	533	44.81	\$136.48
AMD FX-6300 Six-Core	6381	512	82.34	\$77.50
AMD FX-6330 Six-Core	6935	460	NA	NA
AMD FX-6350 Six-Core	6985	455	54.43	\$128.34
AMD FX-7500 APU	3220	1051	NA	NA
AMD FX-7600P	4051	848	NA	NA
AMD FX-7600P APU	4627	740	NA	NA
AMD FX-8100 Eight-Core	6018	541	42.39	\$142.00*
AMD FX-8120 Eight-Core	6594	487	36.64	\$179.99
AMD FX-8140 Eight-Core	5854	557	NA	NA
AMD FX-8150 Eight-Core	7621	402	35.45	\$214.99*
AMD FX-8300 Eight-Core	7714	394	72.11	\$106.99
AMD FX-8310 Eight-Core	7750	391	NA	NA
AMD FX-8320 Eight-Core	8021	369	84.45	\$94.99
AMD FX-8320E Eight-Core	7533	407	64.40	\$116.99
AMD FX-8350 Eight-Core	8949	305	82.19	\$108.89
AMD FX-8370 Eight-Core	9016	299	55.05	\$163.78
AMD FX-8370E Eight-Core	7806	384	32.21	\$242.40
AMD FX-8800P	4155	833	NA	NA
AMD FX-9370 Eight-Core	9511	258	38.79	\$245.19
AMD FX-9590 Eight-Core	10194	204	84.96	\$119.99
AMD FX-9800P	4019	855	NA	NA
AMD FX-9830P	4730	720	NA	NA
AMD FX-B4150 Quad-Core	4611	743	NA	NA
AMD G-T40E	485	2272	NA	NA
AMD G-T40N	516	2246	NA	NA
AMD G-T44R	227	2580	NA	NA
AMD G-T48E	716	2141	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T52R	303	2479	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T56E	751	2125	NA	NA
AMD G-T56N	783	2109	NA	NA
AMD Geode NX	264	2541	NA	NA
AMD Geode NX 1750	291	2496	NA	NA
AMD GX-210JA SOC	401	2366	NA	NA
AMD GX-212JC SOC	744	2129	NA	NA
AMD GX-217GA SOC	1097	1927	NA	NA
AMD GX-218GL SOC	1115	1916	NA	NA
AMD GX-222GC SOC	1255	1845	NA	NA
AMD GX-412HC	1497	1718	NA	NA
AMD GX-415GA SOC	1929	1505	NA	NA
AMD GX-420CA SOC	2299	1352	NA	NA
AMD GX-424CC SOC	2488	1288	NA	NA
AMD K7	403	2361	NA	NA
AMD Opteron 140	396	2371	0.56	\$710.00
AMD Opteron 142	428	2338	NA	NA
AMD Opteron 144	486	2271	7.48	\$65.00*
AMD Opteron 146	532	2236	8.87	\$59.99*
AMD Opteron 148	603	2198	NA	NA
AMD Opteron 150	604	2196	NA	NA
AMD Opteron 152	658	2169	NA	NA
AMD Opteron 154	703	2152	NA	NA
AMD Opteron 165	899	2061	1.47	\$610.00
AMD Opteron 170	1097	1928	NA	NA
AMD Opteron 175	1167	1890	NA	NA
AMD Opteron 180	1228	1858	9.45	\$129.95
AMD Opteron 185	1360	1780	NA	NA
AMD Opteron 246	632	2182	12.64	\$49.99
AMD Opteron 248	476	2284	39.73	\$12.00
AMD Opteron 250	649	2173	59.01	\$11.00
AMD Opteron 252	760	2121	12.00	\$63.36*
AMD Opteron 254	693	2155	NA	NA
AMD Opteron 256	963	2013	50.72	\$19.00*
AMD Opteron 265	963	2014	6.02	\$159.95*
AMD Opteron 270	1083	1939	1.78	\$607.47*
AMD Opteron 275	1291	1819	11.74	\$109.95
AMD Opteron 280	1272	1835	1.60	\$796.67*
AMD Opteron 285	1470	1727	NA	NA
AMD Opteron 290	1464	1729	10.85	\$135.00*
AMD Opteron 1210	923	2044	NA	NA
AMD Opteron 1210 HE	971	2005	NA	NA
AMD Opteron 1212	1009	1979	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1805	NA	NA
AMD Opteron 1214	1191	1876	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1811	NA	NA
AMD Opteron 1216	1311	1803	23.91	\$54.85*
AMD Opteron 1216 HE	1172	1888	NA	NA
AMD Opteron 1218	1468	1728	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1218 HE	1444	1742	NA	NA
AMD Opteron 1220	1653	1645	NA	NA
AMD Opteron 1222	1757	1585	NA	NA
AMD Opteron 1352	2368	1327	17.42	\$135.99*
AMD Opteron 1354	2608	1243	8.41	\$309.97*
AMD Opteron 1356	2765	1198	30.73	\$89.99*
AMD Opteron 1381	3065	1098	NA	NA
AMD Opteron 2212	1270	1837	105.89	\$12.00
AMD Opteron 2214	1358	1782	2.39	\$569.00*
AMD Opteron 2214 HE	1415	1753	NA	NA
AMD Opteron 2216	1518	1708	8.53	\$178.00
AMD Opteron 2218	1594	1675	49.18	\$32.42*
AMD Opteron 2220	1701	1614	1.15	\$1,475.16
AMD Opteron 2220 SE	1398	1760	73.58	\$19.00
AMD Opteron 2222	1843	1548	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1507	NA	NA
AMD Opteron 2350	2820	1176	10.45	\$269.99*
AMD Opteron 2356	2814	1181	188.25	\$14.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2373 EE	2789	1189	NA	NA
AMD Opteron 2374 HE	2951	1134	15.53	\$189.99*
AMD Opteron 2376	2283	1362	152.20	\$15.00
AMD Opteron 2378	3179	1063	17.76	\$179.00*
AMD Opteron 2380	2640	1233	105.64	\$25.00*
AMD Opteron 2384	3538	968	4.21	\$840.00*
AMD Opteron 2386 SE	3538	969	NA	NA
AMD Opteron 2393 SE	2246	1380	NA	NA
AMD Opteron 2427	3069	1096	32.26	\$95.14*
AMD Opteron 2431	4516	764	112.91	\$40.00
AMD Opteron 2435	4708	723	39.11	\$120.40*
AMD Opteron 3260 HE	3259	1039	NA	NA
AMD Opteron 3280	5286	637	19.35	\$273.18*
AMD Opteron 3320 EE	2675	1225	NA	NA
AMD Opteron 3350 HE	4009	859	NA	NA
AMD Opteron 3365	5929	548	NA	NA
AMD Opteron 3380	6384	511	7.89	\$809.00*
AMD Opteron 4122	2942	1137	11.32	\$259.95
AMD Opteron 4162 EE	3166	1067	NA	NA
AMD Opteron 4184	4418	781	8.50	\$519.95*
AMD Opteron 4280	6430	505	14.09	\$456.44*
AMD Opteron 4284	6660	481	18.64	\$357.30*
AMD Opteron 4332 HE	5614	585	NA	NA
AMD Opteron 4334	6133	530	28.34	\$216.42*
AMD Opteron 4365 EE	5025	669	NA	NA
AMD Opteron 6128	4505	766	19.17	\$235.00
AMD Opteron 6134	2938	1140	4.93	\$595.95*
AMD Opteron 6136	4631	739	12.90	\$359.00
AMD Opteron 6164 HE	5351	628	NA	NA
AMD Opteron 6174	6171	524	29.39	\$209.98
AMD Opteron 6212	5776	567	27.57	\$209.50*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6234	5979	543	14.95	\$399.99*
AMD Opteron 6238	7316	424	6.72	\$1,088.11*
AMD Opteron 6272	6748	474	20.77	\$325.00
AMD Opteron 6274	4865	697	23.17	\$210.00
AMD Opteron 6276	9011	300	29.17	\$308.89
AMD Opteron 6282 SE	9116	291	8.36	\$1,089.99*
AMD Opteron 6287 SE	9789	240	NA	NA
AMD Opteron 6328	7813	383	15.63	\$500.00
AMD Opteron 6366 HE	7503	410	7.43	\$1,010.00
AMD Opteron 6376	9414	267	15.43	\$610.00
AMD Opteron 6378	2152	1410	5.40	\$399.00*
AMD Opteron 6380	10081	217	25.86	\$389.86
AMD Opteron 6386 SE	10748	183	4.46	\$2,407.51*
AMD Opteron 8354	2255	1376	187.96	\$12.00
AMD Opteron 8439 SE	3813	902	50.84	\$75.00*
AMD Opteron X3216 APU	2355	1330	NA	NA
AMD Opteron X3421 APU	5024	671	NA	NA
AMD Phenom 2 X4 12000	3005	1117	NA	NA
AMD Phenom 7950 Quad-Core	2991	1121	NA	NA
AMD Phenom 8250 Triple-Core	1644	1647	NA	NA
AMD Phenom 8250e Triple-Core	1619	1660	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1641	1649	NA	NA
AMD Phenom 8450 Triple-Core	1888	1524	63.05	\$29.95*
AMD Phenom 8450e Triple-Core	2036	1457	NA	NA
AMD Phenom 8600 Triple-Core	1697	1617	32.04	\$52.99*
AMD Phenom 8600B Triple-Core	1945	1495	36.71	\$52.99*
AMD Phenom 8650 Triple-Core	1993	1476	39.89	\$49.99*
AMD Phenom 8750 Triple-Core	2055	1449	NA	NA
AMD Phenom 8750B Triple-Core	2034	1458	NA	NA
AMD Phenom 8850 Triple-Core	2026	1460	NA	NA
AMD Phenom 8850B Triple-Core	2080	1443	NA	NA
AMD Phenom 9100e Quad-Core	1838	1551	46.03	\$39.95*
AMD Phenom 9150e Quad-Core	2116	1427	52.98	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1341	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1238	24.96	\$105.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9500 Quad-Core	2209	1392	24.56	\$89.96*
AMD Phenom 9550 Quad-Core	2542	1264	63.65	\$39.95*
AMD Phenom 9600 Quad-Core	2306	1345	46.18	\$49.95
AMD Phenom 9600B Quad-Core	2580	1255	17.53	\$147.19*
AMD Phenom 9650 Quad-Core	2641	1232	48.08	\$54.95
AMD Phenom 9750 Quad-Core	2818	1177	47.02	\$59.95
AMD Phenom 9750B Quad-Core	2709	1215	NA	NA
AMD Phenom 9850 Quad-Core	2898	1158	57.96	\$50.00*
AMD Phenom 9850B Quad-Core	3160	1073	NA	NA
AMD Phenom 9950 Quad-Core	3015	1114	16.75	\$179.98*
AMD Phenom FX-5000 Quad-Core	2518	1275	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1135	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	946	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	980	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N620 Dual-Core	1677	1629	42.10	\$39.86*
AMD Phenom II N640 Dual-Core	1740	1593	26.80	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1543	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1229	NA	NA
AMD Phenom II N830 Triple-Core	1886	1526	NA	NA
AMD Phenom II N850 Triple-Core	1934	1502	77.39	\$25.00*
AMD Phenom II N870 Triple-Core	1988	1480	NA	NA
AMD Phenom II N930 Quad-Core	2269	1371	22.72	\$99.86*
AMD Phenom II N950 Quad-Core	2488	1289	22.10	\$112.60*
AMD Phenom II N970 Quad-Core	2518	1274	16.79	\$149.99*
AMD Phenom II P650 Dual-Core	1603	1671	45.81	\$35.00*
AMD Phenom II P820 Triple-Core	1611	1666	NA	NA
AMD Phenom II P840 Triple-Core	1731	1597	NA	NA
AMD Phenom II P860 Triple-Core	1759	1583	NA	NA
AMD Phenom II P920 Quad-Core	1881	1529	25.08	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1559	NA	NA
AMD Phenom II P960 Quad-Core	2087	1440	74.56	\$28.00*
AMD Phenom II X2 511	2104	1432	NA	NA
AMD Phenom II X2 521	2091	1438	NA	NA
AMD Phenom II X2 545	1905	1511	38.16	\$49.95*
AMD Phenom II X2 550	2025	1461	15.18	\$133.39*
AMD Phenom II X2 555	2040	1455	6.80	\$299.95*
AMD Phenom II X2 560	2055	1450	18.69	\$109.95*
AMD Phenom II X2 565	2211	1391	17.70	\$124.95*
AMD Phenom II X2 570	1960	1488	NA	NA
AMD Phenom II X2 B53	1670	1636	NA	NA
AMD Phenom II X2 B55	1934	1503	40.30	\$48.00*
AMD Phenom II X2 B57	1848	1544	NA	NA
AMD Phenom II X2 B59	2148	1413	43.01	\$49.95*
AMD Phenom II X3 700e	2285	1361	NA	NA
AMD Phenom II X3 705e	2227	1387	14.63	\$152.34*
AMD Phenom II X3 710	2446	1300	28.94	\$84.53*
AMD Phenom II X3 715	2649	1231	31.17	\$84.99*
AMD Phenom II X3 720	2683	1223	35.79	\$74.99*
AMD Phenom II X3 740	3002	1118	33.75	\$88.99*
AMD Phenom II X3 B73	2735	1210	36.47	\$75.00*
AMD Phenom II X3 B75	2946	1136	NA	NA
AMD Phenom II X3 B77	3067	1097	NA	NA
AMD Phenom II X4 805	2997	1120	17.23	\$173.99*
AMD Phenom II X4 810	3130	1082	26.99	\$115.99*
AMD Phenom II X4 820	3418	996	45.61	\$74.95*
AMD Phenom II X4 830	3443	991	43.07	\$79.95
AMD Phenom II X4 840	3514	974	39.07	\$89.95*
AMD Phenom II X4 840T	3615	947	45.23	\$79.95*
AMD Phenom II X4 850	3543	967	31.78	\$111.49*
AMD Phenom II X4 900e	2882	1160	NA	NA
AMD Phenom II X4 905e	3084	1091	14.52	\$212.38*
AMD Phenom II X4 910	3265	1035	32.66	\$100.00*
AMD Phenom II X4 910e	3260	1038	20.77	\$156.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 920	3403	1001	49.33	\$68.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 925	3428	994	21.43	\$159.99*
AMD Phenom II X4 940	3601	949	30.02	\$119.99*
AMD Phenom II X4 945	3675	938	12.77	\$287.89*
AMD Phenom II X4 955	3940	873	30.28	\$130.16*
AMD Phenom II X4 960T	3804	905	28.18	\$134.99*
AMD Phenom II X4 965	4200	822	64.68	\$64.95
AMD Phenom II X4 970	4355	795	25.34	\$171.91*
AMD Phenom II X4 973	3759	919	NA	NA
AMD Phenom II X4 975	4494	770	34.58	\$129.99*
AMD Phenom II X4 977	3750	922	NA	NA
AMD Phenom II X4 980	4504	767	32.96	\$136.64*
AMD Phenom II X4 8700e	2377	1323	NA	NA
AMD Phenom II X4 B05e	2781	1190	NA	NA
AMD Phenom II X4 B15e	2736	1209	NA	NA
AMD Phenom II X4 B25	3389	1007	NA	NA
AMD Phenom II X4 B35	3379	1010	NA	NA
AMD Phenom II X4 B40	3401	1002	NA	NA
AMD Phenom II X4 B45	3465	987	NA	NA
AMD Phenom II X4 B50	3702	933	NA	NA
AMD Phenom II X4 B55	3867	886	NA	NA
AMD Phenom II X4 B60	4046	849	NA	NA
AMD Phenom II X4 B65	4177	828	NA	NA
AMD Phenom II X4 B70	4261	811	NA	NA
AMD Phenom II X4 B93	3361	1015	NA	NA
AMD Phenom II X4 B95	3722	926	51.03	\$72.95*
AMD Phenom II X4 B97	3911	879	48.93	\$79.95*
AMD Phenom II X4 B99	4130	841	NA	NA
AMD Phenom II X6 1035T	4677	729	24.75	\$189.00*
AMD Phenom II X6 1045T	4826	706	27.58	\$175.00*
AMD Phenom II X6 1055T	4980	678	26.92	\$185.00*
AMD Phenom II X6 1065T	5079	658	NA	NA
AMD Phenom II X6 1075T	5356	626	20.60	\$259.99*
AMD Phenom II X6 1090T	5598	591	14.14	\$396.08*
AMD Phenom II X6 1100T	5757	569	24.61	\$233.99*
AMD Phenom II X6 1405T	5042	666	NA	NA
AMD Phenom II X620 Dual-Core	2189	1398	NA	NA
AMD Phenom II X640 Dual-Core	2021	1463	NA	NA
AMD Phenom II X920 Quad-Core	2638	1234	NA	NA
AMD Phenom II X940 Quad-Core	2695	1219	NA	NA
AMD Phenom Ultra X4 24500	3945	872	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1618	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1393	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1586	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1882	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1747	NA	NA
AMD Phenom X3 8550	1930	1504	11.36	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1584	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1475	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X4 Quad-Core GP-9600	2235	1384	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2812	1182	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1213	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1220	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1870	NA	NA
AMD PRO A4-3350B APU	2833	1170	NA	NA
AMD PRO A4-8350B	2942	1138	NA	NA
AMD PRO A6-7350B	2759	1200	NA	NA
AMD PRO A6-8500B	2516	1276	NA	NA
AMD PRO A6-8530B	2435	1302	NA	NA
AMD PRO A6-8550B	3018	1112	NA	NA
AMD PRO A6-8570	3049	1104	NA	NA
AMD PRO A6-8570E	2906	1151	NA	NA
AMD PRO A6-9500	3262	1037	44.09	\$74.00*
AMD PRO A6-9500B	2303	1347	NA	NA
AMD PRO A6-9500E	2752	1202	37.20	\$74.00*
AMD PRO A8-8600B	3812	903	NA	NA
AMD PRO A8-8650B	5457	610	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A8-9600	5321	633	44.72	\$119.00*
AMD PRO A8-9600B	4044	850	NA	NA
AMD PRO A10-8700B	3593	952	NA	NA
AMD PRO A10-8730B	4069	845	NA	NA
AMD PRO A10-8750B	5646	582	NA	NA
AMD PRO A10-8770	5742	574	NA	NA
AMD PRO A10-8770E	4881	694	NA	NA
AMD PRO A10-8850B	5852	558	NA	NA
AMD PRO A10-9700	5640	583	33.37	\$169.00*
AMD PRO A10-9700B	4393	784	NA	NA
AMD PRO A10-9700E	4949	686	35.61	\$139.00*
AMD PRO A12-8800B	4193	824	NA	NA
AMD PRO A12-8830B	4501	769	NA	NA
AMD PRO A12-8870	6177	523	NA	NA
AMD PRO A12-8870E	4814	708	NA	NA
AMD PRO A12-9800	6199	519	36.68	\$169.00*
AMD PRO A12-9800B	4336	801	NA	NA
AMD PRO A12-9800E	4812	709	28.47	\$169.00*
AMD QC-4000	1657	1643	NA	NA
AMD R-260H APU	1576	1683	NA	NA
AMD R-460L APU	1954	1489	NA	NA
AMD R-464L APU	3026	1109	NA	NA
AMD RX-427BB	4539	762	NA	NA
AMD Ryzen 3 1200	6847	466	73.64	\$92.99
AMD Ryzen 3 1300X	7540	406	65.57	\$114.99
AMD Ryzen 3 2200G	7133	442	67.94	\$104.99
AMD Ryzen 3 2200U	5439	614	NA	NA
AMD Ryzen 3 PRO 1200	7132	443	NA	NA
AMD Ryzen 3 PRO 1300	8270	349	NA	NA
AMD Ryzen 5 1400	8428	341	60.21	\$139.98
AMD Ryzen 5 1500X	10825	180	68.09	\$158.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 1600	12381	143	70.76	\$174.99
AMD Ryzen 5 1600X	13559	126	68.49	\$197.98
AMD Ryzen 5 2400G	9402	269	57.79	\$162.70
AMD Ryzen 5 2500U	7780	387	NA	NA
AMD Ryzen 5 PRO 1500	10868	177	NA	NA
AMD Ryzen 5 PRO 1600	12213	149	NA	NA
AMD Ryzen 7 1700	13749	118	54.03	\$254.49
AMD Ryzen 7 1700X	14628	96	51.52	\$283.97
AMD Ryzen 7 1800X	15403	83	48.14	\$319.99
AMD Ryzen 7 2700U	7255	430	NA	NA
AMD Ryzen 7 PRO 1700	14859	93	NA	NA
AMD Ryzen 7 PRO 1700X	15221	88	NA	NA
AMD Ryzen Threadripper 1900X	15243	86	33.91	\$449.50
AMD Ryzen Threadripper 1920X	18207	45	24.28	\$749.99
AMD Ryzen Threadripper 1950X	22069	16	24.55	\$899.00
AMD Sempron 130	656	2171	26.29	\$24.99*
AMD Sempron 140	737	2131	18.63	\$39.59*
AMD Sempron 145	813	2102	13.56	\$59.99
AMD Sempron 150	707	2148	15.74	\$44.95
AMD Sempron 200U	267	2537	3.08	\$87.00*
AMD Sempron 210U	382	2386	NA	NA
AMD Sempron 2100+	392	2378	NA	NA
AMD Sempron 2200+	281	2521	9.38	\$29.99*
AMD Sempron 2300+	318	2454	7.07	\$45.00*
AMD Sempron 2400+	313	2463	11.62	\$27.00*
AMD Sempron 2500+	335	2439	4.20	\$79.95*
AMD Sempron 2600+	374	2396	12.49	\$29.95
AMD Sempron 2650 APU	941	2030	18.49	\$50.90
AMD Sempron 2800+	384	2385	7.34	\$52.36
AMD Sempron 3000+	409	2352	8.20	\$49.95
AMD Sempron 3100+	452	2307	7.53	\$60.00*
AMD Sempron 3200+	404	2359	31.12	\$13.00
AMD Sempron 3300+	484	2278	16.14	\$30.00
AMD Sempron 3400+	453	2306	32.36	\$14.00
AMD Sempron 3500+	384	2384	19.23	\$20.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 3600+	489	2266	40.78	\$12.00
AMD Sempron 3800+	554	2223	26.39	\$21.00
AMD Sempron 3850 APU	1707	1608	41.66	\$40.99
AMD Sempron Dual Core 2100	924	2043	23.69	\$39.00*
AMD Sempron Dual Core 2200	995	1993	NA	NA
AMD Sempron Dual Core 2300	982	2002	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2025	NA	NA
AMD Sempron Dual Core 4900	1081	1941	NA	NA
AMD Sempron LE-250	490	2264	NA	NA
AMD Sempron LE-1100	436	2328	NA	NA
AMD Sempron LE-1150	449	2310	NA	NA
AMD Sempron LE-1200	526	2239	NA	NA
AMD Sempron LE-1250	541	2229	6.77	\$79.95
AMD Sempron LE-1300	609	2192	40.61	\$15.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron LE-1600	535	2235	NA	NA
AMD Sempron LE-1620	635	2181	NA	NA
AMD Sempron LE-1640	759	2122	NA	NA
AMD Sempron M100	558	2222	46.58	\$12.00
AMD Sempron M120	580	2209	NA	NA
AMD Sempron SI-40	443	2317	36.93	\$12.00
AMD Sempron SI-42	453	2305	37.78	\$12.00
AMD Sempron X2 180	1222	1862	17.62	\$69.40*
AMD Sempron X2 190	1529	1697	18.33	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1754	NA	NA
AMD Turion 64 Mobile MK-36	465	2291	NA	NA
AMD Turion 64 Mobile MK-38	513	2247	NA	NA
AMD Turion 64 Mobile ML-28	390	2381	NA	NA
AMD Turion 64 Mobile ML-30	402	2363	NA	NA
AMD Turion 64 Mobile ML-32	410	2350	NA	NA
AMD Turion 64 Mobile ML-34	425	2340	NA	NA
AMD Turion 64 Mobile ML-37	441	2318	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	520	2243	NA	NA
AMD Turion 64 Mobile ML-42	615	2189	NA	NA
AMD Turion 64 Mobile ML-44	591	2201	NA	NA
AMD Turion 64 Mobile MT-28	419	2341	NA	NA
AMD Turion 64 Mobile MT-30	378	2389	NA	NA
AMD Turion 64 Mobile MT-32	426	2339	NA	NA
AMD Turion 64 Mobile MT-34	429	2336	NA	NA
AMD Turion 64 Mobile MT-37	484	2277	NA	NA
AMD Turion 64 Mobile MT-40	536	2232	NA	NA
AMD Turion 64 X2 Mobile TL-50	753	2124	15.08	\$49.99*
AMD Turion 64 X2 Mobile TL-52	760	2120	NA	NA
AMD Turion 64 X2 Mobile TL-56	884	2065	44.21	\$20.00*
AMD Turion 64 X2 Mobile TL-58	942	2029	NA	NA
AMD Turion 64 X2 Mobile TL-60	991	1996	54.94	\$18.05*
AMD Turion 64 X2 Mobile TL-62	1091	1932	3.51	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1115	1915	28.32	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1134	1910	3.00	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1149	1900	12.77	\$90.00*
AMD Turion Dual-Core RM-70	904	2058	60.27	\$15.00*
AMD Turion Dual-Core RM-72	860	2074	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	1975	NA	NA
AMD Turion Dual-Core RM-75	961	2015	35.02	\$27.46*
AMD Turion II Dual-Core Mobile M500	1296	1813	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	1806	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1792	NA	NA
AMD Turion II N530 Dual-Core	1583	1678	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1704	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2004	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	1879	NA	NA
AMD Turion II Neo N40L Dual-Core	918	2050	NA	NA
AMD Turion II Neo N54L Dual-Core	1376	1769	NA	NA
AMD Turion II P520 Dual-Core	1359	1781	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II P540 Dual-Core	1446	1741	28.96	\$49.96*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II P560 Dual-Core	1511	1711	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1408	1755	58.68	\$24.00*
AMD Turion II Ultra Dual-Core Mobile M620	1427	1749	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1637	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1696	NA	NA
AMD Turion Neo X2 Dual Core L625	820	2097	NA	NA
AMD Turion X2 Dual Core L510	923	2045	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2076	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	1950	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	990	1997	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1089	1934	4.86	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1055	1953	42.32	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1142	1908	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	1901	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1017	1974	72.67	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1081	1943	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	1867	94.53	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	1856	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1812	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1354	1784	33.92	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	1989	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	1966	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1735	NA	NA
AMD V105	286	2508	NA	NA
AMD V120	622	2188	NA	NA
AMD V140	643	2179	49.47	\$13.00*
AMD V160	681	2161	NA	NA
AMD Z-01	523	2241	NA	NA
AMD Z-60 APU	485	2274	NA	NA
AMD-K6 3D	90	2659	NA	NA
AMD-K6-III	108	2656	NA	NA
AMD-K7	403	2362	NA	NA
Athlon 64 Dual Core 3800+	1234	1857	NA	NA
Athlon 64 Dual Core 4200+	1156	1897	NA	NA
Athlon 64 Dual Core 4800+	1370	1772	NA	NA
Athlon 64 Dual Core 5000+	1507	1713	NA	NA
Athlon 64 Dual Core 5400+	1614	1664	NA	NA
Athlon 64 Dual Core 5600+	1548	1691	NA	NA
Athlon Dual Core 4050e	968	2009	NA	NA
Athlon Dual Core 4450e	1081	1942	NA	NA
Athlon Dual Core 4850e	1327	1797	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1169	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1086	1937	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1175	1883	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1212	1869	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1274	1832	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1872	NA	NA
HP Hexa-Core 2.0GHz	2178	1401	4.32	\$504.27*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel 1300 @ 1.66GHz	857	2077	NA	NA
Intel 1400 @ 1.83GHz	980	2003	NA	NA
Intel 1500 @ 2.00GHz	1024	1969	NA	NA
Intel Atom 230 @ 1.60GHz	307	2472	NA	NA
Intel Atom 330 @ 1.60GHz	589	2202	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2062	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2016	NA	NA
Intel Atom C2550 @ 2.40GHz	2329	1338	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1406	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3805	904	16.40	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1018	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1070	14.72	\$214.86*
Intel Atom C3558 @ 2.20GHz	2538	1265	29.52	\$86.00*
Intel Atom C3955 @ 2.10GHz	5803	564	13.37	\$434.00*
Intel Atom D410 @ 1.66GHz	303	2480	0.48	\$635.99*
Intel Atom D425 @ 1.80GHz	340	2435	0.34	\$992.98*
Intel Atom D510 @ 1.66GHz	652	2172	6.71	\$97.16*
Intel Atom D525 @ 1.80GHz	703	2151	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D2500 @ 1.86GHz	406	2357	NA	NA
Intel Atom D2550 @ 1.86GHz	675	2165	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2144	NA	NA
Intel Atom D2700 @ 2.13GHz	840	2086	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2139	NA	NA
Intel Atom E660 @ 1.30GHz	271	2534	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2429	NA	NA
Intel Atom E3815 @ 1.46GHz	362	2413	2.15	\$169.00
Intel Atom E3825 @ 1.33GHz	564	2220	8.03	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2267	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2081	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	1895	NA	NA
Intel Atom E3845 @ 1.91GHz	1489	1720	NA	NA
Intel Atom E3950 @ 1.60GHz	2034	1459	NA	NA
Intel Atom K510 @ 1.66GHz	658	2170	NA	NA
Intel Atom N270 @ 1.60GHz	270	2535	NA	NA
Intel Atom N280 @ 1.66GHz	283	2513	NA	NA
Intel Atom N435 @ 1.33GHz	236	2573	NA	NA
Intel Atom N450 @ 1.66GHz	300	2484	NA	NA
Intel Atom N455 @ 1.66GHz	284	2510	NA	NA
Intel Atom N470 @ 1.83GHz	307	2471	NA	NA
Intel Atom N475 @ 1.83GHz	314	2460	NA	NA
Intel Atom N550 @ 1.50GHz	523	2242	6.09	\$86.00*
Intel Atom N570 @ 1.66GHz	574	2213	6.68	\$86.00*
Intel Atom N2100 @ 1.60GHz	309	2468	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2238	NA	NA
Intel Atom N2800 @ 1.86GHz	628	2185	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2051	14.32	\$64.00*
Intel Atom x5-E3930 @ 1.30GHz	811	2103	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1609	1667	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1203	1874	9.05	\$132.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom x5-Z8330 @ 1.44GHz	1005	1983	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1287	1822	61.32	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1690	1623	27.02	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1865	1537	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1906	1509	25.89	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1937	1500	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2610	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2589	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2592	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2520	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2426	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2387	NA	NA
Intel Atom Z670 @ 1.50GHz	249	2559	NA	NA
Intel Atom Z2760 @ 1.80GHz	567	2219	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2052	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2040	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	907	2057	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2055	NA	NA
Intel Atom Z3736F @ 1.33GHz	920	2048	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	1949	NA	NA
Intel Atom Z3740D @ 1.33GHz	1020	1972	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	1946	NA	NA
Intel Atom Z3745D @ 1.33GHz	1019	1973	NA	NA
Intel Atom Z3770 @ 1.46GHz	1243	1853	8.32	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2105	NA	NA
Intel Atom Z3775 @ 1.46GHz	1253	1846	35.83	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1830	NA	NA
Intel Atom Z3795 @ 1.60GHz	1768	1578	NA	NA
Intel Celeron 1.70GHz	130	2649	NA	NA
Intel Celeron 1.80GHz	136	2646	NA	NA
Intel Celeron 2.00GHz	184	2619	NA	NA
Intel Celeron 2.10GHz	244	2566	NA	NA
Intel Celeron 2.13GHz	208	2599	NA	NA
Intel Celeron 2.20GHz	213	2594	NA	NA
Intel Celeron 2.26GHz	223	2584	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.30GHz	227	2581	NA	NA
Intel Celeron 2.40GHz	217	2590	NA	NA
Intel Celeron 2.50GHz	247	2561	NA	NA
Intel Celeron 2.53GHz	245	2564	NA	NA
Intel Celeron 2.60GHz	238	2570	NA	NA
Intel Celeron 2.66GHz	252	2555	NA	NA
Intel Celeron 2.70GHz	245	2565	NA	NA
Intel Celeron 2.80GHz	254	2551	NA	NA
Intel Celeron 2.93GHz	285	2509	NA	NA
Intel Celeron 3.06GHz	283	2514	NA	NA
Intel Celeron 3.20GHz	288	2501	NA	NA
Intel Celeron 3.33GHz	333	2442	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2450	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2453	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 420 @ 1.60GHz	450	2308	12.96	\$34.78*
Intel Celeron 430 @ 1.80GHz	491	2261	12.20	\$40.33
Intel Celeron 440 @ 2.00GHz	543	2227	6.80	\$79.95
Intel Celeron 450 @ 2.20GHz	629	2184	NA	NA
Intel Celeron 530 @ 1.73GHz	465	2292	20.23	\$23.00*
Intel Celeron 540 @ 1.86GHz	511	2250	NA	NA
Intel Celeron 550 @ 2.00GHz	505	2255	38.89	\$13.00*
Intel Celeron 560 @ 2.13GHz	535	2234	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	526	2237	NA	NA
Intel Celeron 600MHz	147	2643	NA	NA
Intel Celeron 723 @ 1.20GHz	408	2354	NA	NA
Intel Celeron 743 @ 1.30GHz	437	2326	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2126	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2402	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2190	NA	NA
Intel Celeron 847 @ 1.10GHz	936	2034	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1026	1967	NA	NA
Intel Celeron 857 @ 1.20GHz	1172	1889	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	1887	NA	NA
Intel Celeron 877 @ 1.40GHz	1288	1821	NA	NA
Intel Celeron 887 @ 1.50GHz	1294	1814	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2163	23.34	\$28.99
Intel Celeron 925 @ 2.30GHz	688	2156	NA	NA
Intel Celeron 1000M @ 1.80GHz	1671	1633	NA	NA
Intel Celeron 1000MHz	241	2568	NA	NA
Intel Celeron 1005M @ 1.90GHz	1821	1557	NA	NA
Intel Celeron 1007U @ 1.50GHz	1398	1759	7.56	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1520	1705	NA	NA
Intel Celeron 1019Y @ 1.00GHz	926	2041	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1385	NA	NA
Intel Celeron 1037U @ 1.80GHz	1734	1595	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1877	NA	NA
Intel Celeron 1066MHz	259	2545	NA	NA
Intel Celeron 1100MHz	174	2628	NA	NA
Intel Celeron 1133MHz	282	2515	NA	NA
Intel Celeron 1200MHz	244	2567	NA	NA
Intel Celeron 1300MHz	288	2504	NA	NA
Intel Celeron 1333MHz	290	2497	NA	NA
Intel Celeron 1400MHz	302	2481	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1329	NA	NA
Intel Celeron 2950M @ 2.00GHz	2008	1469	NA	NA
Intel Celeron 2955U @ 1.40GHz	1437	1746	NA	NA
Intel Celeron 2957U @ 1.40GHz	1453	1736	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	1921	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1344	NA	NA
Intel Celeron 2980U @ 1.60GHz	1576	1684	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1685	NA	NA
Intel Celeron 3205U @ 1.50GHz	1547	1692	5.39	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1620	1658	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3755U @ 1.70GHz	1702	1613	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3765U @ 1.90GHz	2038	1456	NA	NA
Intel Celeron 3855U @ 1.60GHz	1662	1640	NA	NA
Intel Celeron 3865U @ 1.80GHz	1968	1486	NA	NA
Intel Celeron 3955U @ 2.00GHz	1801	1566	NA	NA
Intel Celeron 3965U @ 2.20GHz	2490	1286	23.28	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1619	1659	NA	NA
Intel Celeron @ 1.30GHz	965	2011	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2616	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2100	NA	NA
Intel Celeron B800 @ 1.50GHz	1280	1829	NA	NA
Intel Celeron B810 @ 1.60GHz	1394	1762	NA	NA
Intel Celeron B815 @ 1.60GHz	1368	1774	NA	NA
Intel Celeron B820 @ 1.70GHz	1428	1748	36.35	\$39.29
Intel Celeron B830 @ 1.80GHz	1528	1698	NA	NA
Intel Celeron B840 @ 1.90GHz	1725	1601	NA	NA
Intel Celeron D 347 @ 3.06GHz	274	2532	NA	NA
Intel Celeron D 352 @ 3.20GHz	305	2475	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2458	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2441	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2360	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2280	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2205	NA	NA
Intel Celeron E1200 @ 1.60GHz	860	2073	13.88	\$62.01*
Intel Celeron E1400 @ 2.00GHz	1046	1957	18.35	\$57.01
Intel Celeron E1500 @ 2.20GHz	1165	1893	18.42	\$63.25*
Intel Celeron E1600 @ 2.40GHz	1260	1840	NA	NA
Intel Celeron E3200 @ 2.40GHz	1389	1763	26.72	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1388	1764	124.07	\$11.19
Intel Celeron E3400 @ 2.60GHz	1440	1745	18.84	\$76.47*
Intel Celeron E3500 @ 2.70GHz	1454	1734	23.45	\$62.01
Intel Celeron G440 @ 1.60GHz	698	2154	5.59	\$125.00
Intel Celeron G460 @ 1.80GHz	1027	1963	15.81	\$65.00
Intel Celeron G465 @ 1.90GHz	1065	1948	13.32	\$80.00
Intel Celeron G470 @ 2.00GHz	1306	1807	NA	NA
Intel Celeron G530 @ 2.40GHz	2147	1415	41.72	\$51.49
Intel Celeron G530T @ 2.00GHz	1604	1669	NA	NA
Intel Celeron G540 @ 2.50GHz	2200	1395	48.91	\$45.00
Intel Celeron G540T @ 2.10GHz	2114	1428	NA	NA
Intel Celeron G550 @ 2.60GHz	2292	1355	114.66	\$19.99
Intel Celeron G550T @ 2.20GHz	2063	1446	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1307	48.45	\$50.00
Intel Celeron G1101 @ 2.27GHz	1727	1598	20.33	\$85.00*
Intel Celeron G1610 @ 2.60GHz	2494	1284	99.82	\$24.99
Intel Celeron G1610T @ 2.30GHz	2303	1348	57.53	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2581	1254	16.81	\$153.59*
Intel Celeron G1620T @ 2.40GHz	2353	1332	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2484	1291	35.49	\$69.99
Intel Celeron G1820 @ 2.70GHz	2769	1194	18.46	\$149.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1820T @ 2.40GHz	2505	1280	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1420	NA	NA
Intel Celeron G1830 @ 2.80GHz	2531	1268	35.66	\$70.99*
Intel Celeron G1840 @ 2.80GHz	2872	1163	37.55	\$76.50
Intel Celeron G1840T @ 2.50GHz	2605	1244	NA	NA
Intel Celeron G1850 @ 2.90GHz	2902	1153	36.28	\$80.00*
Intel Celeron G3900 @ 2.80GHz	3040	1107	81.95	\$37.10
Intel Celeron G3900E @ 2.40GHz	2679	1224	NA	NA
Intel Celeron G3900T @ 2.60GHz	2902	1154	NA	NA
Intel Celeron G3920 @ 2.90GHz	3412	998	75.34	\$45.29
Intel Celeron G3930 @ 2.90GHz	3074	1093	NA	NA
Intel Celeron G3950 @ 3.00GHz	3334	1021	46.82	\$71.22
Intel Celeron G4900T @ 2.90GHz	2960	1131	NA	NA
Intel Celeron J1750 @ 2.41GHz	1037	1962	NA	NA
Intel Celeron J1800 @ 2.41GHz	1025	1968	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1665	NA	NA
Intel Celeron J1900 @ 1.99GHz	1860	1538	NA	NA
Intel Celeron J3060 @ 1.60GHz	983	2001	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J3160 @ 1.60GHz	1782	1572	NA	NA
Intel Celeron J3355 @ 2.00GHz	1258	1841	NA	NA
Intel Celeron J3455 @ 1.50GHz	2143	1416	9.21	\$232.91
Intel Celeron M 1.00GHz	207	2601	17.43	\$11.89*
Intel Celeron M 1.30GHz	316	2457	NA	NA
Intel Celeron M 1.50GHz	343	2433	NA	NA
Intel Celeron M 1.60GHz	365	2409	NA	NA
Intel Celeron M 1.70GHz	393	2377	NA	NA
Intel Celeron M 360 1.40GHz	327	2447	NA	NA
Intel Celeron M 410 @ 1.46GHz	316	2456	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2436	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2406	NA	NA
Intel Celeron M 440 @ 1.86GHz	412	2347	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2552	NA	NA
Intel Celeron M 450 @ 2.00GHz	455	2303	NA	NA
Intel Celeron M 520 @ 1.60GHz	434	2332	NA	NA
Intel Celeron M 530 @ 1.73GHz	459	2299	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2228	NA	NA
Intel Celeron M 600MHz	151	2641	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2302	NA	NA
Intel Celeron M 900MHz	207	2600	NA	NA
Intel Celeron M 1200MHz	275	2530	NA	NA
Intel Celeron M 1300MHz	303	2478	NA	NA
Intel Celeron M 1500MHz	332	2444	NA	NA
Intel Celeron M ULV 800MHz	184	2621	NA	NA
Intel Celeron N2805 @ 1.46GHz	454	2304	NA	NA
Intel Celeron N2806 @ 1.60GHz	782	2110	NA	NA
Intel Celeron N2807 @ 1.58GHz	851	2080	NA	NA
Intel Celeron N2808 @ 1.58GHz	923	2047	NA	NA
Intel Celeron N2810 @ 2.00GHz	777	2113	5.55	\$139.99
Intel Celeron N2815 @ 1.86GHz	862	2072	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2820 @ 2.13GHz	951	2022	5.01	\$190.00
Intel Celeron N2830 @ 2.16GHz	951	2021	NA	NA
Intel Celeron N2840 @ 2.16GHz	1006	1980	NA	NA
Intel Celeron N2910 @ 1.60GHz	1208	1871	NA	NA
Intel Celeron N2920 @ 1.86GHz	1518	1707	NA	NA
Intel Celeron N2930 @ 1.83GHz	1636	1652	NA	NA
Intel Celeron N2940 @ 1.83GHz	1733	1596	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2059	NA	NA
Intel Celeron N3010 @ 1.04GHz	936	2036	NA	NA
Intel Celeron N3050 @ 1.60GHz	884	2064	2.95	\$299.99*
Intel Celeron N3060 @ 1.60GHz	997	1991	NA	NA
Intel Celeron N3150 @ 1.60GHz	1656	1644	NA	NA
Intel Celeron N3160 @ 1.60GHz	1698	1615	5.78	\$293.96
Intel Celeron N3350 @ 1.10GHz	1124	1912	NA	NA
Intel Celeron N3450 @ 1.10GHz	1830	1553	10.88	\$168.25
Intel Celeron P4500 @ 1.87GHz	1139	1909	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	1995	NA	NA
Intel Celeron P4600 @ 2.00GHz	1340	1788	NA	NA
Intel Celeron SU2300 @ 1.20GHz	774	2115	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2024	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	1951	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1610	NA	NA
Intel Celeron U3400 @ 1.07GHz	735	2132	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2158	NA	NA
Intel Celeron U3600 @ 1.20GHz	805	2104	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1047	1955	6.63	\$157.95
Intel Core2 Duo E4400 @ 2.00GHz	1161	1896	7.36	\$157.95
Intel Core2 Duo E4500 @ 2.20GHz	1274	1831	8.07	\$157.95
Intel Core2 Duo E4600 @ 2.40GHz	1385	1765	8.77	\$157.95
Intel Core2 Duo E4700 @ 2.60GHz	1483	1723	14.83	\$100.00*
Intel Core2 Duo E6300 @ 1.86GHz	1110	1920	7.03	\$157.95
Intel Core2 Duo E6320 @ 1.86GHz	1183	1881	7.49	\$157.95
Intel Core2 Duo E6400 @ 2.13GHz	1293	1815	8.19	\$157.95
Intel Core2 Duo E6420 @ 2.13GHz	1363	1777	8.63	\$157.95
Intel Core2 Duo E6540 @ 2.33GHz	1457	1733	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6550 @ 2.33GHz	1498	1717	9.49	\$157.95
Intel Core2 Duo E6600 @ 2.40GHz	1553	1690	9.84	\$157.95
Intel Core2 Duo E6700 @ 2.66GHz	1695	1620	14.61	\$115.99
Intel Core2 Duo E6750 @ 2.66GHz	1718	1603	27.73	\$61.99*
Intel Core2 Duo E6850 @ 3.00GHz	1951	1493	29.80	\$65.50
Intel Core2 Duo E7200 @ 2.53GHz	1635	1653	10.35	\$157.95
Intel Core2 Duo E7300 @ 2.66GHz	1727	1599	78.55	\$21.99*
Intel Core2 Duo E7400 @ 2.80GHz	1775	1575	11.24	\$157.95
Intel Core2 Duo E7500 @ 2.93GHz	1877	1531	134.21	\$13.99
Intel Core2 Duo E7600 @ 3.06GHz	1989	1479	16.59	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1523	1702	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1765	1580	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1887	1525	11.95	\$157.95
Intel Core2 Duo E8235 @ 2.80GHz	1953	1491	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8290 @ 2.83GHz	2353	1331	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1999	1474	142.95	\$13.99
Intel Core2 Duo E8335 @ 2.66GHz	1846	1545	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1422	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2155	1409	195.94	\$11.00
Intel Core2 Duo E8435 @ 3.06GHz	2127	1423	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2286	1359	114.38	\$19.99
Intel Core2 Duo E8600 @ 3.33GHz	2412	1311	104.92	\$22.99
Intel Core2 Duo E8700 @ 3.50GHz	2212	1390	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	746	2128	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2159	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	841	2085	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2082	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	967	2010	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	965	2012	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	1913	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	1947	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1339	1789	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1292	1817	64.68	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1301	1810	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1422	1751	35.57	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2026	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1524	1701	6.63	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1450	1738	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	1971	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1458	1731	4.91	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1539	1695	31.31	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1630	1655	42.91	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1745	1590	30.63	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1565	1688	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1765	1579	1.77	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1768	1577	17.86	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1876	1533	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2012	1467	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2203	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1267	1838	5.01	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1672	1631	5.89	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	931	2037	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	832	2090	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	832	2091	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	820	2096	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	936	2035	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2053	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2056	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2046	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1046	1956	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1026	1965	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	987	2000	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1093	1931	109.50	\$9.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5800 @ 2.00GHz	1110	1919	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5850 @ 2.16GHz	1187	1878	74.70	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1144	1906	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	1868	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1223	1860	81.63	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1286	1823	85.79	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1257	1843	32.65	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1365	1776	72.23	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1370	1773	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1011	1977	46.00	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1164	1894	11.65	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1111	1918	5.52	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1194	1875	38.56	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1243	1854	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1274	1833	29.65	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1376	1770	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1417	1752	30.17	\$46.99*
Intel Core2 Duo T7800 @ 2.60GHz	1615	1662	2.66	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1293	1816	1.29	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1480	1725	6.92	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1667	1638	28.75	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1739	1594	24.87	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1819	1561	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1802	1564	6.03	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1506	29.66	\$64.99*
Intel Core2 Duo T9800 @ 2.93GHz	2019	1465	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2124	1425	5.32	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	869	2069	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	582	2207	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	664	2167	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	713	2143	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2075	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1132	1911	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1625	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	941	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3644	942	2.44	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3463	988	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1882	1527	7.14	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1565	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1795	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1693	1622	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1895	1518	NA	NA
Intel Core2 Extreme X9100 @ 3.06GHz	2047	1453	2.41	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4167	830	4.58	\$909.00*
Intel Core2 Extreme X9750 @ 3.16GHz	4597	746	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4611	742	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	733	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2960	1132	26.92	\$109.95
Intel Core2 Quad Q6700 @ 2.66GHz	3289	1030	126.55	\$25.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q8200 @ 2.33GHz	2816	1180	122.49	\$22.99
Intel Core2 Quad Q8300 @ 2.50GHz	2990	1122	19.29	\$155.00
Intel Core2 Quad Q8400 @ 2.66GHz	3181	1062	35.55	\$89.50*
Intel Core2 Quad Q9000 @ 2.00GHz	2528	1269	6.50	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3239	1047	8.39	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3165	1068	126.68	\$24.99
Intel Core2 Quad Q9400 @ 2.66GHz	3357	1017	111.95	\$29.99
Intel Core2 Quad Q9450 @ 2.66GHz	3769	916	11.24	\$335.25*
Intel Core2 Quad Q9500 @ 2.83GHz	3560	963	104.76	\$33.99
Intel Core2 Quad Q9505 @ 2.83GHz	3586	956	18.88	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3983	865	84.77	\$46.99
Intel Core2 Quad Q9650 @ 3.00GHz	4186	827	45.02	\$92.99
Intel Core2 Quad Q9705 @ 3.16GHz	3947	870	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	303	2477	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2466	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2344	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	466	2290	NA	NA
Intel Core 330 @ 1.60GHz	643	2176	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core 860 @ 2.80GHz	4555	758	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2140	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2145	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2135	NA	NA
Intel Core Duo T2050 @ 1.60GHz	698	2153	NA	NA
Intel Core Duo T2250 @ 1.73GHz	758	2123	NA	NA
Intel Core Duo T2300 @ 1.66GHz	732	2133	NA	NA
Intel Core Duo T2350 @ 1.86GHz	760	2119	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2106	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	826	2094	NA	NA
Intel Core Duo T2500 @ 2.00GHz	871	2068	7.27	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	942	2028	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	1970	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2226	NA	NA
Intel Core Duo U2500 @ 1.20GHz	517	2244	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1501	NA	NA
Intel Core i3-330M @ 2.13GHz	1790	1570	36.88	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1074	1945	NA	NA
Intel Core i3-350M @ 2.27GHz	1895	1519	49.74	\$38.10
Intel Core i3-370M @ 2.40GHz	2018	1466	50.51	\$39.96
Intel Core i3-380M @ 2.53GHz	2095	1435	42.76	\$49.00*
Intel Core i3-380UM @ 1.33GHz	1166	1892	NA	NA
Intel Core i3-390M @ 2.67GHz	2176	1404	55.87	\$38.95*
Intel Core i3-530 @ 2.93GHz	2576	1256	112.01	\$23.00
Intel Core i3-540 @ 3.07GHz	2689	1221	112.06	\$24.00
Intel Core i3-550 @ 3.20GHz	2828	1173	28.35	\$99.75
Intel Core i3-560 @ 3.33GHz	2973	1126	16.52	\$179.95
Intel Core i3-2100 @ 3.10GHz	3681	936	122.70	\$30.00
Intel Core i3-2100T @ 2.50GHz	2922	1144	24.35	\$119.99
Intel Core i3-2102 @ 3.10GHz	3817	899	65.82	\$58.00
Intel Core i3-2105 @ 3.10GHz	3721	927	31.54	\$118.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2120 @ 3.30GHz	3919	878	68.77	\$56.99
Intel Core i3-2120T @ 2.60GHz	3150	1077	27.88	\$113.00
Intel Core i3-2125 @ 3.30GHz	4018	856	23.78	\$169.00
Intel Core i3-2130 @ 3.40GHz	4058	847	37.07	\$109.50
Intel Core i3-2140 @ 3.50GHz	4325	804	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1168	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2427	1305	53.95	\$44.99
Intel Core i3-2312M @ 2.10GHz	2381	1322	NA	NA
Intel Core i3-2328M @ 2.20GHz	2535	1267	NA	NA
Intel Core i3-2330E @ 2.20GHz	3073	1094	NA	NA
Intel Core i3-2330M @ 2.20GHz	2523	1273	50.52	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1320	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1602	NA	NA
Intel Core i3-2348M @ 2.30GHz	2618	1240	NA	NA
Intel Core i3-2350M @ 2.30GHz	2619	1239	62.42	\$41.97*
Intel Core i3-2357M @ 1.30GHz	1589	1677	NA	NA
Intel Core i3-2365M @ 1.40GHz	1678	1628	NA	NA
Intel Core i3-2367M @ 1.40GHz	1703	1612	NA	NA
Intel Core i3-2370M @ 2.40GHz	2768	1196	46.93	\$59.00*
Intel Core i3-2375M @ 1.50GHz	1773	1576	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1554	NA	NA
Intel Core i3-3110M @ 2.40GHz	3072	1095	38.44	\$79.95
Intel Core i3-3120M @ 2.50GHz	3216	1052	20.11	\$160.00*
Intel Core i3-3130M @ 2.60GHz	3374	1012	NA	NA
Intel Core i3-3210 @ 3.20GHz	4030	853	36.64	\$110.00
Intel Core i3-3217U @ 1.80GHz	2301	1350	6.63	\$347.12*
Intel Core i3-3217UE @ 1.60GHz	2162	1407	NA	NA
Intel Core i3-3220 @ 3.30GHz	4231	817	65.61	\$64.49
Intel Core i3-3220T @ 2.80GHz	3700	934	22.36	\$165.50
Intel Core i3-3225 @ 3.30GHz	4338	800	16.46	\$263.50
Intel Core i3-3227U @ 1.90GHz	2465	1295	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1694	1621	NA	NA
Intel Core i3-3240 @ 3.40GHz	4310	805	63.40	\$67.99
Intel Core i3-3240T @ 2.90GHz	3662	940	NA	NA
Intel Core i3-3245 @ 3.40GHz	4424	778	36.27	\$122.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3250 @ 3.50GHz	4442	774	28.66	\$154.99*
Intel Core i3-3250T @ 3.00GHz	3021	1110	NA	NA
Intel Core i3-4000M @ 2.40GHz	3235	1048	16.18	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2450	1298	NA	NA
Intel Core i3-4010U @ 1.70GHz	2443	1301	19.65	\$124.31
Intel Core i3-4010Y @ 1.30GHz	1897	1516	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2188	1399	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2201	1394	NA	NA
Intel Core i3-4025U @ 1.90GHz	2774	1191	NA	NA
Intel Core i3-4030U @ 1.90GHz	2705	1218	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1279	NA	NA
Intel Core i3-4100M @ 2.50GHz	3479	982	15.92	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	885	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1155	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4120U @ 2.00GHz	3050	1103	NA	NA
Intel Core i3-4130 @ 3.40GHz	4794	713	27.88	\$172.00
Intel Core i3-4130T @ 2.90GHz	4133	839	46.45	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4899	692	39.20	\$124.99
Intel Core i3-4150T @ 3.00GHz	4248	813	18.48	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1146	NA	NA
Intel Core i3-4160 @ 3.60GHz	5054	665	37.05	\$136.41
Intel Core i3-4160T @ 3.10GHz	4389	786	30.91	\$141.99*
Intel Core i3-4170 @ 3.70GHz	5184	645	37.03	\$140.00
Intel Core i3-4170T @ 3.20GHz	4578	751	30.53	\$149.95
Intel Core i3-4330 @ 3.50GHz	5089	657	12.73	\$399.95
Intel Core i3-4330T @ 3.00GHz	4482	772	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3161	1071	NA	NA
Intel Core i3-4340 @ 3.60GHz	5240	640	24.04	\$218.01*
Intel Core i3-4350 @ 3.60GHz	4963	681	38.19	\$129.99*
Intel Core i3-4350T @ 3.10GHz	4302	807	NA	NA
Intel Core i3-4360 @ 3.70GHz	5466	607	40.20	\$135.99
Intel Core i3-4360T @ 3.20GHz	4636	737	NA	NA
Intel Core i3-4370 @ 3.80GHz	5598	590	12.14	\$461.00
Intel Core i3-4370T @ 3.30GHz	4832	704	35.02	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	689	NA	NA
Intel Core i3-5005U @ 2.00GHz	2911	1147	NA	NA
Intel Core i3-5010U @ 2.10GHz	3057	1100	10.06	\$303.93
Intel Core i3-5015U @ 2.10GHz	3035	1108	NA	NA
Intel Core i3-5020U @ 2.20GHz	3183	1061	6.93	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	939	NA	NA
Intel Core i3-6006U @ 2.00GHz	3157	1075	NA	NA
Intel Core i3-6098P @ 3.60GHz	5537	598	41.41	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5494	601	47.93	\$114.64
Intel Core i3-6100E @ 2.70GHz	3769	917	NA	NA
Intel Core i3-6100H @ 2.70GHz	4212	820	NA	NA
Intel Core i3-6100T @ 3.20GHz	4843	701	42.60	\$113.70
Intel Core i3-6100TE @ 2.70GHz	4341	798	NA	NA
Intel Core i3-6100U @ 2.30GHz	3559	964	6.91	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3830	895	NA	NA
Intel Core i3-6300 @ 3.80GHz	5856	556	38.28	\$152.98
Intel Core i3-6300T @ 3.30GHz	5253	639	31.47	\$166.96
Intel Core i3-6320 @ 3.90GHz	6046	539	36.48	\$165.76
Intel Core i3-7100 @ 3.90GHz	5806	563	50.50	\$114.98
Intel Core i3-7100H @ 3.00GHz	4776	714	21.23	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5059	663	NA	NA
Intel Core i3-7100U @ 2.40GHz	3779	913	NA	NA
Intel Core i3-7101TE @ 3.40GHz	5016	672	42.88	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4154	834	14.78	\$281.00*
Intel Core i3-7300 @ 4.00GHz	6442	501	40.75	\$158.10
Intel Core i3-7300T @ 3.50GHz	5366	623	NA	NA
Intel Core i3-7320 @ 4.10GHz	6557	490	37.86	\$173.19
Intel Core i3-7350K @ 4.20GHz	6631	485	37.33	\$177.65
Intel Core i3-8100 @ 3.60GHz	8078	363	67.32	\$119.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8130U @ 2.20GHz	5286	636	18.81	\$281.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8350K @ 4.00GHz	9189	282	52.51	\$174.99
Intel Core i5 750S @ 2.40GHz	2197	1396	8.72	\$252.01
Intel Core i5 E 520 @ 2.40GHz	2486	1290	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3618	945	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3777	914	NA	NA
Intel Core i5-430M @ 2.27GHz	2101	1434	15.02	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1339	1790	NA	NA
Intel Core i5-450M @ 2.40GHz	2109	1431	66.04	\$31.95*
Intel Core i5-460M @ 2.53GHz	2333	1336	31.13	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1273	1834	NA	NA
Intel Core i5-480M @ 2.67GHz	2412	1312	29.93	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1381	NA	NA
Intel Core i5-520M @ 2.40GHz	2374	1324	39.58	\$59.99*
Intel Core i5-520UM @ 1.07GHz	1356	1783	NA	NA
Intel Core i5-540M @ 2.53GHz	2450	1297	12.90	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1400	1758	NA	NA
Intel Core i5-560M @ 2.67GHz	2590	1249	28.79	\$89.97
Intel Core i5-560UM @ 1.33GHz	1664	1639	NA	NA
Intel Core i5-580M @ 2.67GHz	2624	1237	23.87	\$109.95
Intel Core i5-650 @ 3.20GHz	3107	1085	24.82	\$125.20
Intel Core i5-655K @ 3.20GHz	3399	1004	NA	NA
Intel Core i5-660 @ 3.33GHz	3258	1040	22.64	\$143.95
Intel Core i5-661 @ 3.33GHz	3186	1060	12.65	\$252.01
Intel Core i5-670 @ 3.47GHz	3312	1026	13.15	\$252.01
Intel Core i5-680 @ 3.60GHz	3506	976	12.89	\$272.01
Intel Core i5-750 @ 2.67GHz	3704	932	18.48	\$200.50
Intel Core i5-760 @ 2.80GHz	3896	882	17.17	\$227.00
Intel Core i5-2300 @ 2.80GHz	5350	629	53.51	\$99.99
Intel Core i5-2310 @ 2.90GHz	5524	600	84.99	\$65.00
Intel Core i5-2320 @ 3.00GHz	5755	570	36.00	\$159.86
Intel Core i5-2380P @ 3.10GHz	5679	578	31.55	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4264	810	42.68	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5940	546	67.51	\$88.00
Intel Core i5-2400S @ 2.50GHz	4939	687	75.99	\$65.00
Intel Core i5-2405S @ 2.50GHz	5029	668	30.59	\$164.40*
Intel Core i5-2410M @ 2.30GHz	3167	1066	43.99	\$72.00
Intel Core i5-2415M @ 2.30GHz	3299	1029	NA	NA
Intel Core i5-2430M @ 2.40GHz	3280	1032	16.41	\$199.95
Intel Core i5-2435M @ 2.40GHz	3225	1049	NA	NA
Intel Core i5-2450M @ 2.50GHz	3400	1003	26.15	\$130.00
Intel Core i5-2450P @ 3.20GHz	6132	531	31.45	\$195.00*
Intel Core i5-2467M @ 1.60GHz	2335	1335	NA	NA
Intel Core i5-2500 @ 3.30GHz	6319	514	49.01	\$128.96
Intel Core i5-2500K @ 3.30GHz	6472	497	13.21	\$489.95
Intel Core i5-2500S @ 2.70GHz	5298	635	39.04	\$135.70
Intel Core i5-2500T @ 2.30GHz	4680	728	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	937	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1025	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2520M @ 2.50GHz	3584	957	21.13	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2084	1441	NA	NA
Intel Core i5-2540M @ 2.60GHz	3787	909	54.15	\$69.95
Intel Core i5-2550K @ 3.40GHz	6702	475	35.47	\$189.00*
Intel Core i5-2557M @ 1.70GHz	2651	1230	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	921	NA	NA
Intel Core i5-3210M @ 2.50GHz	3818	898	32.67	\$116.87
Intel Core i5-3230M @ 2.60GHz	3935	876	15.77	\$249.65*
Intel Core i5-3317U @ 1.70GHz	3089	1090	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4106	843	33.46	\$122.74*
Intel Core i5-3330 @ 3.00GHz	5918	549	16.44	\$359.95
Intel Core i5-3330S @ 2.70GHz	5661	580	25.21	\$224.59*
Intel Core i5-3335S @ 2.70GHz	5788	565	NA	NA
Intel Core i5-3337U @ 1.80GHz	3215	1053	14.29	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2228	1386	NA	NA
Intel Core i5-3340 @ 3.10GHz	6076	536	29.50	\$205.99
Intel Core i5-3340M @ 2.70GHz	4239	816	53.03	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5810	562	18.16	\$320.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3350P @ 3.10GHz	6138	528	27.16	\$225.99
Intel Core i5-3360M @ 2.80GHz	4427	777	45.14	\$98.08*
Intel Core i5-3380M @ 2.90GHz	4419	780	NA	NA
Intel Core i5-3427U @ 1.80GHz	3546	966	8.44	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3628	944	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1143	NA	NA
Intel Core i5-3450 @ 3.10GHz	6508	495	32.70	\$199.00
Intel Core i5-3450S @ 2.80GHz	6184	521	36.38	\$169.99
Intel Core i5-3470 @ 3.20GHz	6672	480	53.01	\$125.89
Intel Core i5-3470S @ 2.90GHz	6325	513	40.82	\$154.96
Intel Core i5-3470T @ 2.90GHz	4502	768	19.96	\$225.57*
Intel Core i5-3475S @ 2.90GHz	6527	493	75.99	\$85.90
Intel Core i5-3550 @ 3.30GHz	6917	463	27.30	\$253.40
Intel Core i5-3550S @ 3.00GHz	6845	467	29.70	\$230.51
Intel Core i5-3570 @ 3.40GHz	7083	447	29.98	\$236.32
Intel Core i5-3570K @ 3.40GHz	7166	436	24.29	\$294.99
Intel Core i5-3570S @ 3.10GHz	6681	478	23.44	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5877	554	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3786	911	NA	NA
Intel Core i5-4200H @ 2.80GHz	4437	775	NA	NA
Intel Core i5-4200M @ 2.50GHz	4040	852	22.45	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3283	1031	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1314	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2261	1374	NA	NA
Intel Core i5-4210H @ 2.90GHz	4549	760	NA	NA
Intel Core i5-4210M @ 2.60GHz	4191	825	13.52	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3399	1005	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2369	1326	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1373	NA	NA
Intel Core i5-4250U @ 1.30GHz	3454	990	9.73	\$354.99
Intel Core i5-4258U @ 2.40GHz	4097	844	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4260U @ 1.40GHz	3589	954	NA	NA
Intel Core i5-4278U @ 2.60GHz	4358	794	NA	NA
Intel Core i5-4288U @ 2.60GHz	4355	796	NA	NA
Intel Core i5-4300M @ 2.60GHz	4400	782	NA	NA
Intel Core i5-4300U @ 1.90GHz	3743	925	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2503	1282	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2973	1125	NA	NA
Intel Core i5-4308U @ 2.80GHz	4141	836	NA	NA
Intel Core i5-4310M @ 2.70GHz	4593	748	NA	NA
Intel Core i5-4310U @ 2.00GHz	3706	929	NA	NA
Intel Core i5-4330M @ 2.80GHz	4590	749	16.69	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4810	710	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	948	NA	NA
Intel Core i5-4400E @ 2.70GHz	1271	1836	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	871	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1184	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6299	515	26.25	\$239.95
Intel Core i5-4430S @ 2.70GHz	5910	552	39.94	\$147.99*
Intel Core i5-4440 @ 3.10GHz	6482	496	8.21	\$789.74
Intel Core i5-4440S @ 2.80GHz	6184	520	19.95	\$309.99*
Intel Core i5-4460 @ 3.20GHz	6699	477	35.45	\$188.99
Intel Core i5-4460S @ 2.90GHz	6395	510	9.69	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4951	682	NA	NA
Intel Core i5-4570 @ 3.20GHz	7098	446	31.18	\$227.65
Intel Core i5-4570R @ 2.70GHz	6700	476	NA	NA
Intel Core i5-4570S @ 2.90GHz	6762	472	24.21	\$279.30
Intel Core i5-4570T @ 2.90GHz	4815	707	13.94	\$345.50*
Intel Core i5-4570TE @ 2.70GHz	4008	860	14.93	\$268.42*
Intel Core i5-4590 @ 3.30GHz	7275	428	28.09	\$258.95
Intel Core i5-4590S @ 3.00GHz	6988	454	18.89	\$369.98*
Intel Core i5-4590T @ 2.00GHz	5598	589	NA	NA
Intel Core i5-4670 @ 3.40GHz	7418	417	23.30	\$318.39
Intel Core i5-4670K @ 3.40GHz	7628	400	31.79	\$240.00
Intel Core i5-4670K CPT @ 3.40GHz	7411	418	NA	NA
Intel Core i5-4670S @ 3.10GHz	6436	503	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4670T @ 2.30GHz	6234	516	29.69	\$209.99*
Intel Core i5-4690 @ 3.50GHz	7636	399	24.64	\$309.95
Intel Core i5-4690K @ 3.50GHz	7789	386	24.09	\$323.39
Intel Core i5-4690S @ 3.20GHz	7427	415	13.05	\$569.00
Intel Core i5-4690T @ 2.50GHz	6429	506	NA	NA
Intel Core i5-5200U @ 2.20GHz	3492	977	NA	NA
Intel Core i5-5250U @ 1.60GHz	3594	951	8.13	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4398	783	NA	NA
Intel Core i5-5287U @ 2.90GHz	4681	727	NA	NA
Intel Core i5-5300U @ 2.30GHz	3789	906	7.65	\$495.14*
Intel Core i5-5350U @ 1.80GHz	3316	1024	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	414	NA	NA
Intel Core i5-5675C @ 3.10GHz	8182	354	15.98	\$512.08*
Intel Core i5-5675R @ 3.10GHz	8061	364	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6198DU @ 2.30GHz	4166	832	NA	NA
Intel Core i5-6200U @ 2.30GHz	4013	857	NA	NA
Intel Core i5-6260U @ 1.80GHz	4362	793	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4950	684	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	718	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6075	537	NA	NA
Intel Core i5-6300U @ 2.40GHz	4364	792	NA	NA
Intel Core i5-6360U @ 2.00GHz	4836	702	NA	NA
Intel Core i5-6400 @ 2.70GHz	6760	473	37.45	\$180.53
Intel Core i5-6400T @ 2.20GHz	5604	587	33.16	\$169.00
Intel Core i5-6402P @ 2.80GHz	7363	422	38.76	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	566	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6794	470	NA	NA
Intel Core i5-6500 @ 3.20GHz	7230	432	36.40	\$198.66
Intel Core i5-6500T @ 2.50GHz	6229	517	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6585	488	NA	NA
Intel Core i5-6600 @ 3.30GHz	7761	390	34.39	\$225.65
Intel Core i5-6600K @ 3.50GHz	8044	368	31.67	\$254.00
Intel Core i5-6600T @ 2.70GHz	7302	427	36.51	\$199.99
Intel Core i5-7200U @ 2.50GHz	4654	732	NA	NA
Intel Core i5-7260U @ 2.20GHz	5710	575	NA	NA
Intel Core i5-7267U @ 3.10GHz	5060	662	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6848	465	NA	NA
Intel Core i5-7300U @ 2.60GHz	5134	650	NA	NA
Intel Core i5-7360U @ 2.30GHz	5960	544	NA	NA
Intel Core i5-7400 @ 3.00GHz	7396	419	49.15	\$150.49
Intel Core i5-7400T @ 2.40GHz	6448	499	40.55	\$159.00
Intel Core i5-7440HQ @ 2.80GHz	7987	373	NA	NA
Intel Core i5-7500 @ 3.40GHz	8084	362	41.46	\$194.99
Intel Core i5-7500T @ 2.70GHz	7135	441	34.53	\$206.68
Intel Core i5-7600 @ 3.50GHz	8861	312	40.47	\$218.95
Intel Core i5-7600K @ 3.80GHz	9154	287	39.40	\$232.36
Intel Core i5-7600T @ 2.80GHz	8163	356	35.65	\$228.99
Intel Core i5-7640X @ 4.00GHz	9375	270	42.37	\$221.29
Intel Core i5-8250U @ 1.60GHz	7602	403	NA	NA
Intel Core i5-8350U @ 1.70GHz	8629	330	29.06	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11772	158	66.14	\$177.99
Intel Core i5-8500 @ 3.00GHz	12299	147	60.00	\$204.99
Intel Core i5-8500T @ 2.10GHz	10499	190	53.88	\$194.87
Intel Core i5-8600K @ 3.60GHz	12805	135	52.74	\$242.83
Intel Core i5-24050S @ 2.50GHz	4928	690	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3789	907	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1485	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1263	NA	NA
Intel Core i7-620LM @ 2.00GHz	1952	1492	NA	NA
Intel Core i7-620M @ 2.67GHz	2729	1211	24.81	\$110.01
Intel Core i7-620UM @ 1.07GHz	1323	1799	NA	NA
Intel Core i7-640LM @ 2.13GHz	2246	1379	NA	NA
Intel Core i7-640M @ 2.80GHz	2849	1167	17.82	\$159.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-640UM @ 1.20GHz	1672	1632	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-660UM @ 1.33GHz	1745	1591	NA	NA
Intel Core i7-680UM @ 1.47GHz	1686	1626	NA	NA
Intel Core i7-720QM @ 1.60GHz	3020	1111	27.47	\$109.95
Intel Core i7-740QM @ 1.73GHz	3200	1056	29.11	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3243	1045	23.33	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3408	1000	11.75	\$289.97*
Intel Core i7-860 @ 2.80GHz	5025	670	17.92	\$280.46
Intel Core i7-860S @ 2.53GHz	4711	722	11.16	\$422.01
Intel Core i7-870 @ 2.93GHz	5366	622	17.32	\$309.95
Intel Core i7-870S @ 2.67GHz	4969	679	NA	NA
Intel Core i7-875K @ 2.93GHz	5449	612	11.21	\$486.01
Intel Core i7-880 @ 3.07GHz	5679	577	9.74	\$583.00*
Intel Core i7-920 @ 2.67GHz	4938	688	13.76	\$358.95
Intel Core i7-920XM @ 2.00GHz	3783	912	22.86	\$165.55*
Intel Core i7-930 @ 2.80GHz	5154	647	10.13	\$508.95*
Intel Core i7-940 @ 2.93GHz	5377	620	17.98	\$299.00
Intel Core i7-940XM @ 2.13GHz	3937	875	NA	NA
Intel Core i7-950 @ 3.07GHz	5573	592	18.58	\$300.00
Intel Core i7-960 @ 3.20GHz	5841	560	19.80	\$295.00
Intel Core i7-965 @ 3.20GHz	5867	555	16.34	\$359.00
Intel Core i7-970 @ 3.20GHz	8415	342	15.30	\$550.00
Intel Core i7-975 @ 3.33GHz	6135	529	13.14	\$467.00
Intel Core i7-980 @ 3.33GHz	8716	322	12.45	\$699.99
Intel Core i7-980X @ 3.33GHz	8827	318	11.03	\$799.99
Intel Core i7-985 @ 3.47GHz	6641	483	NA	NA
Intel Core i7-990X @ 3.47GHz	9119	290	17.92	\$509.00
Intel Core i7-995X @ 3.60GHz	9791	239	NA	NA
Intel Core i7-2600 @ 3.40GHz	8206	352	43.19	\$189.99
Intel Core i7-2600K @ 3.40GHz	8456	340	19.40	\$436.00
Intel Core i7-2600S @ 2.80GHz	7077	449	20.41	\$346.69
Intel Core i7-2610UE @ 1.50GHz	2481	1292	NA	NA
Intel Core i7-2617M @ 1.50GHz	2818	1178	NA	NA
Intel Core i7-2620M @ 2.70GHz	3836	892	21.41	\$179.21*
Intel Core i7-2630QM @ 2.00GHz	5542	596	42.97	\$129.00*
Intel Core i7-2630UM @ 1.60GHz	2584	1251	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5460	609	NA	NA
Intel Core i7-2637M @ 1.70GHz	2904	1152	NA	NA
Intel Core i7-2640M @ 2.80GHz	3931	877	19.93	\$197.25
Intel Core i7-2655LE @ 2.20GHz	3161	1072	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5907	553	43.83	\$134.79
Intel Core i7-2675QM @ 2.20GHz	5539	597	NA	NA
Intel Core i7-2677M @ 1.80GHz	2829	1172	NA	NA
Intel Core i7-2700K @ 3.50GHz	8732	321	28.26	\$309.00
Intel Core i7-2710QE @ 2.10GHz	5768	568	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	624	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6112	534	35.96	\$169.97*
Intel Core i7-2760QM @ 2.40GHz	6576	489	46.99	\$139.95
Intel Core i7-2820QM @ 2.30GHz	6637	484	18.44	\$359.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2840QM @ 2.40GHz	6766	471	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7005	453	11.68	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7108	445	11.67	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7148	437	17.44	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3589	955	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1022	NA	NA
Intel Core i7-3520M @ 2.90GHz	4534	763	19.30	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3846	889	NA	NA
Intel Core i7-3540M @ 3.00GHz	4643	734	10.80	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	4130	840	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	498	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7471	412	18.68	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6428	507	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6827	469	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	423	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7368	421	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7592	404	33.01	\$230.00
Intel Core i7-3632QM @ 2.20GHz	6932	461	20.69	\$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	6651	482	NA	NA
Intel Core i7-3667U @ 2.00GHz	4002	861	NA	NA
Intel Core i7-3687U @ 2.10GHz	4188	826	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3269	1033	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8121	360	24.26	\$334.72*
Intel Core i7-3740QM @ 2.70GHz	8342	345	34.77	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9303	276	28.73	\$323.85
Intel Core i7-3770K @ 3.50GHz	9529	256	28.99	\$328.74
Intel Core i7-3770S @ 3.10GHz	8880	310	41.52	\$213.90
Intel Core i7-3770T @ 2.50GHz	8190	353	24.82	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9002	301	25.37	\$354.90
Intel Core i7-3820QM @ 2.70GHz	8462	339	17.38	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8804	319	26.28	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9151	288	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	12015	153	19.86	\$604.95
Intel Core i7-3940XM @ 3.00GHz	9312	275	17.28	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12634	141	16.86	\$749.50
Intel Core i7-3970X @ 3.50GHz	12643	139	29.06	\$435.00
Intel Core i7-4500U @ 1.80GHz	3788	908	NA	NA
Intel Core i7-4510U @ 2.00GHz	3937	874	NA	NA
Intel Core i7-4550U @ 1.50GHz	3759	920	NA	NA
Intel Core i7-4558U @ 2.80GHz	4369	789	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	802	NA	NA
Intel Core i7-4578U @ 3.00GHz	4745	719	NA	NA
Intel Core i7-4600M @ 2.90GHz	4833	703	NA	NA
Intel Core i7-4600U @ 2.10GHz	4109	842	NA	NA
Intel Core i7-4610M @ 3.00GHz	4967	680	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	924	NA	NA
Intel Core i7-4650U @ 1.70GHz	3988	864	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	435	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7742	393	20.22	\$383.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4700MQ @ 2.40GHz	7694	395	40.71	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7493	411	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7138	440	NA	NA
Intel Core i7-4710HQ @ 2.50GHz	7749	392	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7983	374	29.40	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7521	408	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7148	438	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8013	370	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	366	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8301	347	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	334	NA	NA
Intel Core i7-4765T @ 2.00GHz	7304	426	27.05	\$269.99*
Intel Core i7-4770 @ 3.40GHz	9793	238	26.22	\$373.50
Intel Core i7-4770HQ @ 2.20GHz	8946	306	NA	NA
Intel Core i7-4770K @ 3.50GHz	10105	215	21.74	\$464.91
Intel Core i7-4770R @ 3.20GHz	9827	236	NA	NA
Intel Core i7-4770S @ 3.10GHz	9342	271	13.74	\$680.00
Intel Core i7-4770T @ 2.50GHz	8660	327	28.03	\$308.99*
Intel Core i7-4770TE @ 2.30GHz	7065	450	NA	NA
Intel Core i7-4771 @ 3.50GHz	9880	232	11.89	\$831.00
Intel Core i7-4785T @ 2.20GHz	7623	401	NA	NA
Intel Core i7-4790 @ 3.60GHz	9997	225	29.80	\$335.49
Intel Core i7-4790K @ 4.00GHz	11190	166	28.92	\$386.99
Intel Core i7-4790S @ 3.20GHz	9575	253	23.61	\$405.53
Intel Core i7-4790T @ 2.70GHz	9057	296	25.23	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8495	336	16.66	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8651	328	20.36	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9728	246	23.73	\$409.99
Intel Core i7-4850HQ @ 2.30GHz	9029	298	20.80	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7925	379	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9228	280	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9335	273	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9060	295	14.87	\$609.29*
Intel Core i7-4910MQ @ 2.90GHz	9468	263	20.59	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13040	130	18.37	\$709.90

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4930MX @ 3.00GHz	9513	257	8.68	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9900	230	15.00	\$659.95*
Intel Core i7-4960HQ @ 2.60GHz	9785	241	15.71	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13833	114	7.94	\$1,741.73
Intel Core i7-4980HQ @ 2.80GHz	10180	207	NA	NA
Intel Core i7-5500U @ 2.40GHz	3970	868	NA	NA
Intel Core i7-5550U @ 2.00GHz	4254	812	NA	NA
Intel Core i7-5557U @ 3.10GHz	4951	683	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4303	806	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	818	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	355	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	350	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8387	343	NA	NA
Intel Core i7-5775C @ 3.30GHz	11013	174	25.00	\$440.44*
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	10837	179	NA	NA
Intel Core i7-5820K @ 3.30GHz	12998	131	28.73	\$452.50
Intel Core i7-5850HQ @ 2.70GHz	9459	264	NA	NA
Intel Core i7-5930K @ 3.50GHz	13642	120	22.25	\$613.07
Intel Core i7-5950HQ @ 2.90GHz	10949	176	NA	NA
Intel Core i7-5960X @ 3.00GHz	15978	78	17.73	\$901.31
Intel Core i7-6498DU @ 2.50GHz	4562	756	NA	NA
Intel Core i7-6500U @ 2.50GHz	4434	776	NA	NA
Intel Core i7-6560U @ 2.20GHz	4801	712	NA	NA
Intel Core i7-6567U @ 3.30GHz	5630	584	NA	NA
Intel Core i7-6600U @ 2.60GHz	4809	711	NA	NA
Intel Core i7-6650U @ 2.20GHz	4949	685	NA	NA
Intel Core i7-6700 @ 3.40GHz	10036	222	33.00	\$304.18
Intel Core i7-6700HQ @ 2.60GHz	8143	358	5.40	\$1,509.00*
Intel Core i7-6700K @ 4.00GHz	11111	167	24.71	\$449.65
Intel Core i7-6700T @ 2.80GHz	9037	297	18.27	\$494.76
Intel Core i7-6700TE @ 2.40GHz	8914	308	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9713	248	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13602	123	33.59	\$404.99
Intel Core i7-6820EQ @ 2.80GHz	8968	303	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9165	286	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8783	320	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	508	NA	NA
Intel Core i7-6850K @ 3.60GHz	14387	103	32.04	\$449.00
Intel Core i7-6900K @ 3.20GHz	17690	53	16.43	\$1,077.04
Intel Core i7-6920HQ @ 2.90GHz	9600	251	NA	NA
Intel Core i7-6950X @ 3.00GHz	19999	29	12.69	\$1,575.55
Intel Core i7-7500U @ 2.70GHz	5210	642	NA	NA
Intel Core i7-7560U @ 2.40GHz	5910	551	NA	NA
Intel Core i7-7567U @ 3.50GHz	6537	491	NA	NA
Intel Core i7-7600U @ 2.80GHz	5562	593	NA	NA
Intel Core i7-7660U @ 2.50GHz	6143	527	NA	NA
Intel Core i7-7700 @ 3.60GHz	10783	181	35.51	\$303.69
Intel Core i7-7700HQ @ 2.80GHz	8864	311	NA	NA
Intel Core i7-7700K @ 4.20GHz	12069	152	39.70	\$303.99
Intel Core i7-7700T @ 2.90GHz	9244	279	28.98	\$319.00
Intel Core i7-7740X @ 4.30GHz	12228	148	34.79	\$351.52
Intel Core i7-7800X @ 3.50GHz	14508	98	38.18	\$379.99
Intel Core i7-7820HK @ 2.90GHz	10056	220	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9451	265	NA	NA
Intel Core i7-7820X @ 3.60GHz	18641	39	39.66	\$469.99
Intel Core i7-7900X @ 3.30GHz	18539	41	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10190	205	NA	NA
Intel Core i7-8550U @ 1.80GHz	8298	348	NA	NA
Intel Core i7-8650U @ 1.90GHz	9092	293	NA	NA
Intel Core i7-8700 @ 3.20GHz	15235	87	50.45	\$301.99
Intel Core i7-8700K @ 3.70GHz	16070	76	46.19	\$347.89
Intel Core i7-8700T @ 2.40GHz	13813	115	32.80	\$421.21
Intel Core i7-8705G @ 3.10GHz	10075	218	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8809G @ 3.10GHz	10124	213	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-7900X @ 3.30GHz	22274	15	24.16	\$921.99
Intel Core i9-7920X @ 2.90GHz	23238	11	21.11	\$1,101.01
Intel Core i9-7940X @ 3.10GHz	25047	8	18.29	\$1,369.79
Intel Core i9-7960X @ 2.80GHz	25373	6	16.22	\$1,564.14
Intel Core i9-7980XE @ 2.60GHz	27764	3	14.68	\$1,891.27
Intel Core m3-6Y30 @ 0.90GHz	3051	1102	NA	NA
Intel Core m3-7Y30 @ 1.00GHz	3547	965	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3527	970	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3367	1014	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3213	1054	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3521	973	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2737	1208	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2150	1412	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2823	1174	10.05	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2652	1228	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2527	1270	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1113	NA	NA
Intel Core M-5Y71 @ 1.20GHz	3056	1101	10.88	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	395	2373	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2370	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2288	NA	NA
Intel Core Solo U1300 @ 1.06GHz	276	2527	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2525	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2445	NA	NA
Intel E3000 @ 3.40GHz	2767	1197	NA	NA
Intel Pentium 4 1.40GHz	164	2632	NA	NA
Intel Pentium 4 1.50GHz	131	2648	NA	NA
Intel Pentium 4 1.60GHz	129	2650	NA	NA
Intel Pentium 4 1.70GHz	132	2647	NA	NA
Intel Pentium 4 1.80GHz	161	2635	NA	NA
Intel Pentium 4 1.90GHz	159	2636	NA	NA
Intel Pentium 4 2.00GHz	189	2613	NA	NA
Intel Pentium 4 2.20GHz	210	2596	NA	NA
Intel Pentium 4 2.26GHz	221	2586	NA	NA
Intel Pentium 4 2.40GHz	228	2579	NA	NA
Intel Pentium 4 2.50GHz	245	2563	NA	NA
Intel Pentium 4 2.53GHz	248	2560	NA	NA
Intel Pentium 4 2.60GHz	288	2502	NA	NA
Intel Pentium 4 2.66GHz	254	2550	NA	NA
Intel Pentium 4 2.80GHz	322	2451	NA	NA
Intel Pentium 4 2.93GHz	297	2489	NA	NA
Intel Pentium 4 3.00GHz	353	2423	NA	NA
Intel Pentium 4 3.06GHz	347	2427	NA	NA
Intel Pentium 4 3.20GHz	375	2393	NA	NA
Intel Pentium 4 3.40GHz	396	2372	NA	NA
Intel Pentium 4 3.46GHz	487	2268	NA	NA
Intel Pentium 4 3.60GHz	490	2265	NA	NA
Intel Pentium 4 3.73GHz	486	2270	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 3.80GHz	485	2275	NA	NA
Intel Pentium 4 4.00GHz	184	2618	NA	NA
Intel Pentium 4 1300MHz	119	2654	NA	NA
Intel Pentium 4 1400MHz	127	2651	NA	NA
Intel Pentium 4 1500MHz	125	2652	NA	NA
Intel Pentium 4 1600MHz	193	2612	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2639	NA	NA
Intel Pentium 4 1800MHz	162	2634	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2642	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2608	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2624	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2598	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2627	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2597	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2604	NA	NA
Intel Pentium 5 2.66GHz	705	2150	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	1929	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1153	1899	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 977 @ 1.40GHz	1148	1902	NA	NA
Intel Pentium 987 @ 1.50GHz	1219	1863	NA	NA
Intel Pentium 997 @ 1.60GHz	1447	1740	NA	NA
Intel Pentium 1403 @ 2.60GHz	2747	1205	NA	NA
Intel Pentium 2020M @ 2.40GHz	2289	1356	17.09	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2414	1309	18.02	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1660	1641	12.40	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1824	1555	13.61	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1051	1954	7.85	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2303	1346	NA	NA
Intel Pentium 3556U @ 1.70GHz	1714	1606	NA	NA
Intel Pentium 3558U @ 1.70GHz	1689	1624	NA	NA
Intel Pentium 3560M @ 2.40GHz	2275	1366	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1839	NA	NA
Intel Pentium 3805U @ 1.90GHz	1989	1478	NA	NA
Intel Pentium 3825U @ 1.90GHz	2538	1266	NA	NA
Intel Pentium 4405U @ 2.10GHz	2970	1128	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1447	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2094	1436	13.01	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3189	1059	NA	NA
Intel Pentium A1018 @ 2.10GHz	1605	1668	NA	NA
Intel Pentium B940 @ 2.00GHz	1725	1600	57.65	\$29.94*
Intel Pentium B950 @ 2.10GHz	1716	1605	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1541	37.82	\$48.99*
Intel Pentium B970 @ 2.30GHz	1954	1490	38.33	\$50.99*
Intel Pentium B980 @ 2.40GHz	2044	1454	29.23	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3843	890	29.79	\$129.00*
Intel Pentium D 805 @ 2.66GHz	536	2233	NA	NA
Intel Pentium D 830 @ 3.00GHz	643	2178	NA	NA
Intel Pentium D 915 @ 2.80GHz	583	2206	NA	NA
Intel Pentium D 940 @ 3.20GHz	709	2147	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium D 950 @ 3.40GHz	743	2130	NA	NA
Intel Pentium D 960 @ 3.60GHz	814	2101	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2070	5.50	\$157.95
Intel Pentium E2160 @ 1.80GHz	997	1990	28.50	\$35.00
Intel Pentium E2180 @ 2.00GHz	1088	1936	41.53	\$26.20*
Intel Pentium E2200 @ 2.20GHz	1204	1873	7.62	\$157.95
Intel Pentium E2210 @ 2.20GHz	1174	1884	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	1794	8.43	\$157.95
Intel Pentium E5200 @ 2.50GHz	1488	1721	9.43	\$157.95
Intel Pentium E5300 @ 2.60GHz	1542	1694	61.80	\$24.95
Intel Pentium E5400 @ 2.70GHz	1594	1674	10.10	\$157.95
Intel Pentium E5500 @ 2.80GHz	1638	1651	10.37	\$157.95
Intel Pentium E5700 @ 3.00GHz	1741	1592	124.49	\$13.99
Intel Pentium E5800 @ 3.20GHz	1902	1515	43.23	\$44.00
Intel Pentium E6300 @ 2.80GHz	1705	1609	114.08	\$14.95*
Intel Pentium E6500 @ 2.93GHz	1764	1581	11.17	\$157.95
Intel Pentium E6600 @ 3.06GHz	1877	1532	134.11	\$14.00
Intel Pentium E6700 @ 3.20GHz	1942	1497	37.43	\$51.90
Intel Pentium E6800 @ 3.33GHz	2001	1473	2.41	\$831.38*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2054	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2008	NA	NA
Intel Pentium G620 @ 2.60GHz	2296	1354	91.89	\$24.99
Intel Pentium G620T @ 2.20GHz	2052	1451	25.66	\$79.99*
Intel Pentium G630 @ 2.70GHz	2371	1325	94.90	\$24.99
Intel Pentium G630T @ 2.30GHz	2122	1426	26.54	\$79.99*
Intel Pentium G640 @ 2.80GHz	2527	1271	101.12	\$24.99
Intel Pentium G640T @ 2.40GHz	1894	1520	NA	NA
Intel Pentium G645 @ 2.90GHz	2588	1250	27.25	\$95.00
Intel Pentium G645T @ 2.50GHz	2286	1358	NA	NA
Intel Pentium G840 @ 2.80GHz	2574	1257	42.92	\$59.99*
Intel Pentium G850 @ 2.90GHz	2660	1227	76.24	\$34.90
Intel Pentium G860 @ 3.00GHz	2750	1203	91.71	\$29.99
Intel Pentium G870 @ 3.10GHz	2832	1171	29.20	\$97.00
Intel Pentium G2010 @ 2.80GHz	2625	1236	72.94	\$35.99
Intel Pentium G2020 @ 2.90GHz	2768	1195	46.18	\$59.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2020T @ 2.50GHz	2469	1294	51.88	\$47.60
Intel Pentium G2030 @ 3.00GHz	2878	1162	70.23	\$40.99
Intel Pentium G2030T @ 2.60GHz	2490	1287	38.91	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1185	NA	NA
Intel Pentium G2120 @ 3.10GHz	3082	1092	35.82	\$86.05
Intel Pentium G2130 @ 3.20GHz	3212	1055	40.16	\$79.99
Intel Pentium G2140 @ 3.30GHz	3384	1008	34.19	\$99.00
Intel Pentium G3220 @ 3.00GHz	3139	1080	30.60	\$102.60*
Intel Pentium G3220T @ 2.60GHz	2601	1245	65.05	\$39.99*
Intel Pentium G3240 @ 3.10GHz	3175	1064	44.80	\$70.88*
Intel Pentium G3240T @ 2.70GHz	2936	1141	NA	NA
Intel Pentium G3250 @ 3.20GHz	3263	1036	34.37	\$94.95*
Intel Pentium G3250T @ 2.80GHz	2970	1127	64.59	\$45.99*
Intel Pentium G3258 @ 3.20GHz	3900	880	16.02	\$243.52
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3260 @ 3.30GHz	3382	1009	30.75	\$110.00
Intel Pentium G3260T @ 2.90GHz	2914	1145	29.15	\$99.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1318	NA	NA
Intel Pentium G3420 @ 3.20GHz	3410	999	31.01	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1116	28.58	\$105.25
Intel Pentium G3430 @ 3.30GHz	3474	984	29.92	\$116.15*
Intel Pentium G3440 @ 3.30GHz	3304	1027	20.19	\$163.67*
Intel Pentium G3440T @ 2.80GHz	3101	1087	NA	NA
Intel Pentium G3450 @ 3.40GHz	3704	931	21.11	\$175.48*
Intel Pentium G3450T @ 2.90GHz	2967	1129	NA	NA
Intel Pentium G3460 @ 3.50GHz	3593	953	12.47	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3706	930	35.54	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3578	958	67.53	\$52.99
Intel Pentium G4400T @ 2.90GHz	3245	1044	NA	NA
Intel Pentium G4500 @ 3.50GHz	3857	888	54.47	\$70.81
Intel Pentium G4500T @ 3.00GHz	3471	986	NA	NA
Intel Pentium G4520 @ 3.60GHz	4195	823	49.23	\$85.22
Intel Pentium G4560 @ 3.50GHz	4891	693	76.86	\$63.64
Intel Pentium G4560T @ 2.90GHz	4137	838	55.52	\$74.52*
Intel Pentium G4600 @ 3.60GHz	5417	615	68.98	\$78.53
Intel Pentium G4600T @ 3.00GHz	4328	803	44.64	\$96.96
Intel Pentium G4620 @ 3.70GHz	5266	638	52.49	\$100.34
Intel Pentium G6950 @ 2.80GHz	1859	1539	14.88	\$125.00
Intel Pentium G6951 @ 2.80GHz	2140	1417	22.77	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2101	1433	NA	NA
Intel Pentium III 933S @ 933MHz	238	2571	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2511	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2524	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2469	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2490	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2487	NA	NA
Intel Pentium III Mobile 750MHz	103	2657	NA	NA
Intel Pentium III Mobile 800MHz	182	2622	NA	NA
Intel Pentium III Mobile 866MHz	152	2640	NA	NA
Intel Pentium III Mobile 933MHz	218	2588	8.58	\$25.51*
Intel Pentium III Mobile 1000MHz	245	2562	NA	NA
Intel Pentium III Mobile 1066MHz	268	2536	NA	NA
Intel Pentium III Mobile 1133MHz	251	2556	NA	NA
Intel Pentium III Mobile 1200MHz	262	2543	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1550	NA	NA
Intel Pentium J2900 @ 2.41GHz	1979	1482	NA	NA
Intel Pentium J3710 @ 1.60GHz	1970	1484	NA	NA
Intel Pentium J4205 @ 1.50GHz	2300	1351	NA	NA
Intel Pentium M 1.10GHz	282	2516	NA	NA
Intel Pentium M 1.20GHz	298	2488	NA	NA
Intel Pentium M 1.30GHz	301	2482	NA	NA
Intel Pentium M 1.40GHz	345	2431	NA	NA
Intel Pentium M 1.50GHz	368	2404	NA	NA
Intel Pentium M 1.60GHz	363	2412	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1.70GHz	405	2358	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1.73GHz	414	2345	NA	NA
Intel Pentium M 1.80GHz	410	2348	NA	NA
Intel Pentium M 1.86GHz	438	2323	NA	NA
Intel Pentium M 2.00GHz	464	2293	NA	NA
Intel Pentium M 2.10GHz	448	2312	NA	NA
Intel Pentium M 2.13GHz	510	2251	NA	NA
Intel Pentium M 2.26GHz	509	2253	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2279	NA	NA
Intel Pentium M 900MHz	217	2591	NA	NA
Intel Pentium M 1000MHz	233	2576	NA	NA
Intel Pentium M 1100MHz	259	2546	NA	NA
Intel Pentium M 1200MHz	237	2572	NA	NA
Intel Pentium M 1300MHz	303	2476	NA	NA
Intel Pentium M 1400MHz	321	2452	NA	NA
Intel Pentium M 1500MHz	354	2420	NA	NA
Intel Pentium M 1600MHz	332	2443	NA	NA
Intel Pentium M 1700MHz	376	2392	NA	NA
Intel Pentium N3510 @ 1.99GHz	1517	1709	NA	NA
Intel Pentium N3520 @ 2.16GHz	1795	1567	NA	NA
Intel Pentium N3530 @ 2.16GHz	1894	1521	NA	NA
Intel Pentium N3540 @ 2.16GHz	1943	1496	7.75	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1843	1547	4.15	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1872	1536	NA	NA
Intel Pentium N4200 @ 1.10GHz	2020	1464	9.48	\$213.22
Intel Pentium P6000 @ 1.87GHz	1253	1847	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	1798	110.51	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1349	1787	22.50	\$59.99*
Intel Pentium P6300 @ 2.27GHz	1380	1767	NA	NA
Intel Pentium SU2700 @ 1.30GHz	407	2356	NA	NA
Intel Pentium SU4100 @ 1.30GHz	862	2071	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2083	NA	NA
Intel Pentium T2060 @ 1.60GHz	668	2166	NA	NA
Intel Pentium T2080 @ 1.73GHz	706	2149	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2146	NA	NA
Intel Pentium T2310 @ 1.46GHz	726	2137	NA	NA
Intel Pentium T2330 @ 1.60GHz	836	2089	NA	NA
Intel Pentium T2370 @ 1.73GHz	842	2084	24.08	\$35.00*
Intel Pentium T2390 @ 1.86GHz	941	2031	NA	NA
Intel Pentium T2410 @ 2.00GHz	996	1992	NA	NA
Intel Pentium T3200 @ 2.00GHz	1026	1964	85.56	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1116	1914	79.73	\$14.00
Intel Pentium T4200 @ 2.00GHz	1147	1904	95.60	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1238	1855	NA	NA
Intel Pentium T4400 @ 2.20GHz	1281	1828	NA	NA
Intel Pentium T4500 @ 2.30GHz	1335	1793	NA	NA
Intel Pentium U5400 @ 1.20GHz	822	2095	NA	NA
Intel Pentium U5600 @ 1.33GHz	938	2033	NA	NA
Intel T1200 @ 1.50GHz	435	2330	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel T1400 @ 1.73GHz	929	2038	NA	NA
Intel T1500 @ 1.86GHz	940	2032	NA	NA
Intel T2050 @ 2.00GHz	959	2018	NA	NA
Intel Xeon 2.00GHz	233	2575	NA	NA
Intel XEON 2.20GHz	252	2553	NA	NA
Intel Xeon 2.40GHz	276	2528	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2329	NA	NA
Intel Xeon 2.80GHz	400	2367	NA	NA
Intel Xeon 3.00GHz	391	2379	NA	NA
Intel Xeon 3.06GHz	491	2262	NA	NA
Intel Xeon 3.20GHz	461	2298	NA	NA
Intel Xeon 3.40GHz	478	2282	NA	NA
Intel Xeon 3.60GHz	509	2252	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	1959	NA	NA
Intel Xeon 3.80GHz	604	2197	0.71	\$851.00*
Intel Xeon 1500MHz	193	2611	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1826	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1311	1804	8.30	\$157.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3060 @ 2.40GHz	1518	1706	9.62	\$157.95
Intel Xeon 3065 @ 2.33GHz	1504	1716	71.99	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1776	1574	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1549	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1687	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	1944	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	1851	0.74	\$1,683.98*
Intel Xeon 5130 @ 2.00GHz	1378	1768	35.89	\$38.40*
Intel Xeon 5133 @ 2.20GHz	1598	1672	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1650	34.89	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1676	39.78	\$39.99*
Intel Xeon 5150 @ 2.66GHz	1750	1587	109.48	\$15.99*
Intel Xeon 5160 @ 3.00GHz	1968	1487	134.82	\$14.60*
Intel Xeon @ 2.20GHz	1902	1514	NA	NA
Intel Xeon D-1518 @ 2.20GHz	5322	632	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	571	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	456	NA	NA
Intel Xeon D-1528 @ 1.90GHz	7946	377	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	245	27.96	\$348.00*
Intel Xeon D-1540 @ 2.00GHz	10573	187	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11046	171	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	365	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14693	94	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13950	112	NA	NA
Intel Xeon E3-1220 @ 3.10GHz	6067	538	11.90	\$509.95
Intel Xeon E3-1220 V2 @ 3.10GHz	6674	479	30.50	\$218.80
Intel Xeon E3-1220 v3 @ 3.10GHz	7039	451	30.06	\$234.22
Intel Xeon E3-1220 v5 @ 3.00GHz	7681	396	31.94	\$240.52
Intel Xeon E3-1220 v6 @ 3.00GHz	8010	371	37.26	\$214.99
Intel Xeon E3-1220L @ 2.20GHz	3563	962	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	779	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1430	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5918	550	23.96	\$247.02*
Intel Xeon E3-1225 V2 @ 3.20GHz	6838	468	13.50	\$506.59*
Intel Xeon E3-1225 v3 @ 3.20GHz	7187	434	15.68	\$458.34
Intel Xeon E3-1225 v5 @ 3.30GHz	7819	382	30.08	\$259.99
Intel Xeon E3-1225 v6 @ 3.30GHz	8337	346	34.03	\$244.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7575	405	25.71	\$294.59
Intel Xeon E3-1230 @ 3.20GHz	7908	380	36.78	\$215.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8852	316	28.60	\$309.50
Intel Xeon E3-1230 v3 @ 3.30GHz	9334	274	35.67	\$261.66*
Intel Xeon E3-1230 v5 @ 3.40GHz	9767	243	32.58	\$299.80*
Intel Xeon E3-1230 v6 @ 3.50GHz	9833	235	38.62	\$254.65
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	431	25.12	\$287.90
Intel Xeon E3-1231 v3 @ 3.40GHz	9642	250	29.52	\$326.63
Intel Xeon E3-1235 @ 3.20GHz	7680	397	31.48	\$244.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6122	532	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7968	375	40.62	\$196.19
Intel Xeon E3-1240 V2 @ 3.40GHz	9170	285	26.36	\$347.95
Intel Xeon E3-1240 v3 @ 3.40GHz	9695	249	25.22	\$384.40
Intel Xeon E3-1240 v5 @ 3.50GHz	10418	194	30.49	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10176	208	35.09	\$289.99
Intel Xeon E3-1240L v3 @ 2.00GHz	7510	409	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	385	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10037	221	21.62	\$464.35
Intel Xeon E3-1245 @ 3.30GHz	8048	367	31.56	\$255.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9111	292	15.00	\$607.59*
Intel Xeon E3-1245 v3 @ 3.40GHz	9580	252	16.35	\$585.81
Intel Xeon E3-1245 v5 @ 3.50GHz	10272	201	29.30	\$350.61
Intel Xeon E3-1245 v6 @ 3.70GHz	10360	196	34.59	\$299.53
Intel Xeon E3-1246 v3 @ 3.50GHz	9908	228	21.07	\$470.24*
Intel Xeon E3-1260L @ 2.40GHz	6534	492	17.94	\$364.22*
Intel Xeon E3-1260L v5 @ 2.90GHz	10136	210	24.25	\$418.00*
Intel Xeon E3-1265L @ 2.40GHz	6038	540	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7761	389	54.49	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	8713	323	12.27	\$709.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	381	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	9175	284	24.34	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8233	351	22.31	\$369.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9475	262	32.99	\$287.21
Intel Xeon E3-1270 v3 @ 3.50GHz	9877	233	26.70	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10325	198	28.68	\$359.99
Intel Xeon E3-1270 v6 @ 3.80GHz	11085	170	31.44	\$352.59
Intel Xeon E3-1271 v3 @ 3.60GHz	10086	216	20.55	\$490.96
Intel Xeon E3-1275 @ 3.40GHz	8348	344	27.46	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9339	272	31.13	\$299.99
Intel Xeon E3-1275 v3 @ 3.50GHz	9864	234	24.60	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10390	195	21.83	\$476.00
Intel Xeon E3-1275 v6 @ 3.80GHz	11035	172	29.27	\$376.98
Intel Xeon E3-1275L v3 @ 2.70GHz	8855	314	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1276 v3 @ 3.60GHz	10218	203	18.62	\$548.91*
Intel Xeon E3-1280 @ 3.50GHz	8473	338	14.19	\$596.99
Intel Xeon E3-1280 V2 @ 3.60GHz	9561	254	14.82	\$644.99*
Intel Xeon E3-1280 v3 @ 3.60GHz	9720	247	13.94	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	185	16.05	\$664.58
Intel Xeon E3-1280 v6 @ 3.90GHz	11262	164	NA	NA
Intel Xeon E3-1281 v3 @ 3.70GHz	10295	199	11.73	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10115	214	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11689	160	25.98	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	10024	223	12.39	\$809.00
Intel Xeon E3-1285L v4 @ 3.40GHz	11224	165	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	231	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	10129	211	13.09	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	324	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9749	244	11.02	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	448	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8891	309	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9976	226	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	189	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9276	277	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10767	182	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10463	192	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10740	184	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10657	186	NA	NA
Intel Xeon E5-1410 @ 2.80GHz	7312	425	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7420	416	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5528	599	33.51	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6143	526	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6420	509	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5846	559	212.59	\$27.50*
Intel Xeon E5-1607 v2 @ 3.00GHz	6166	525	19.70	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6950	457	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7229	433	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9074	294	17.79	\$510.00
Intel Xeon E5-1620 v2 @ 3.70GHz	9537	255	28.99	\$329.00
Intel Xeon E5-1620 v3 @ 3.50GHz	9769	242	28.01	\$348.78
Intel Xeon E5-1620 v4 @ 3.50GHz	9972	227	30.49	\$327.10
Intel Xeon E5-1630 v3 @ 3.70GHz	10251	202	17.15	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10293	200	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11763	159	67.22	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12677	137	19.66	\$644.95*
Intel Xeon E5-1650 v3 @ 3.50GHz	13604	122	20.37	\$667.99
Intel Xeon E5-1650 v4 @ 3.60GHz	14238	104	22.60	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12376	144	10.09	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13777	117	7.62	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14423	100	8.92	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16262	72	NA	NA
Intel Xeon E5-1680 v2 @ 3.00GHz	16524	65	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16649	63	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1680 v4 @ 3.40GHz	17089	57	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	44	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	972	9.04	\$389.69*
Intel Xeon E5-2403 v2 @ 1.80GHz	3492	978	15.67	\$222.84*
Intel Xeon E5-2407 @ 2.20GHz	3832	894	66.08	\$58.00
Intel Xeon E5-2407 v2 @ 2.40GHz	4575	753	9.61	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	643	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7139	439	18.31	\$390.00
Intel Xeon E5-2420 v2 @ 2.20GHz	8647	329	15.44	\$559.95
Intel Xeon E5-2430 @ 2.20GHz	6878	464	12.90	\$533.22*
Intel Xeon E5-2430 v2 @ 2.50GHz	8608	332	16.38	\$525.62
Intel Xeon E5-2430L @ 2.00GHz	7269	429	69.90	\$103.99
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	486	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	283	12.32	\$745.00
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	266	23.56	\$400.00*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	304	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	206	14.10	\$722.22*
Intel Xeon E5-2450L @ 1.80GHz	7389	420	113.70	\$64.99
Intel Xeon E5-2470 @ 2.30GHz	10061	219	31.77	\$316.72*
Intel Xeon E5-2603 @ 1.80GHz	3570	961	8.62	\$414.46*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	918	9.89	\$380.82*
Intel Xeon E5-2603 v3 @ 1.60GHz	5156	646	23.44	\$219.95
Intel Xeon E5-2603 v4 @ 1.70GHz	5473	605	23.80	\$229.99*
Intel Xeon E5-2608L v3 @ 2.00GHz	7768	388	17.62	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4625	741	39.20	\$117.99
Intel Xeon E5-2609 v2 @ 2.50GHz	5115	652	10.57	\$484.01
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	547	13.97	\$425.19
Intel Xeon E5-2609 v4 @ 1.70GHz	6920	462	15.95	\$434.00*
Intel Xeon E5-2618L v3 @ 2.30GHz	12508	142	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	97	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7935	378	158.88	\$49.95
Intel Xeon E5-2620 v2 @ 2.10GHz	8686	325	19.11	\$454.60
Intel Xeon E5-2620 v3 @ 2.40GHz	10001	224	14.08	\$710.54*
Intel Xeon E5-2620 v4 @ 2.10GHz	11339	162	25.14	\$451.02
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	307	22.07	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8090	361	14.74	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	268	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	154	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13041	129	9.56	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	173	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8854	315	55.33	\$160.02
Intel Xeon E5-2630 v2 @ 2.60GHz	10425	193	24.91	\$418.48
Intel Xeon E5-2630 v3 @ 2.40GHz	12828	134	19.18	\$668.94
Intel Xeon E5-2630 v4 @ 2.20GHz	13934	113	19.67	\$708.50
Intel Xeon E5-2630L @ 2.00GHz	8001	372	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9812	237	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9216	281	12.26	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	133	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9504	259	5.86	\$1,622.17*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2637 v3 @ 3.50GHz	10128	212	7.82	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10470	191	9.22	\$1,136.00*
Intel Xeon E5-2640 @ 2.50GHz	9500	260	88.55	\$107.29
Intel Xeon E5-2640 v2 @ 2.00GHz	9904	229	20.60	\$480.68
Intel Xeon E5-2640 v3 @ 2.60GHz	14077	109	14.43	\$975.24*
Intel Xeon E5-2640 v4 @ 2.40GHz	15331	85	15.72	\$974.99
Intel Xeon E5-2643 @ 3.30GHz	8499	335	15.71	\$541.09*
Intel Xeon E5-2643 v2 @ 3.50GHz	12324	146	8.75	\$1,409.05*
Intel Xeon E5-2643 v3 @ 3.40GHz	13801	116	7.54	\$1,829.48
Intel Xeon E5-2643 v4 @ 3.40GHz	13600	124	7.91	\$1,719.05*
Intel Xeon E5-2648L v3 @ 1.80GHz	12332	145	9.23	\$1,335.98
Intel Xeon E5-2648L v4 @ 1.80GHz	12883	132	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14673	95	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10159	209	77.69	\$130.76
Intel Xeon E5-2650 v2 @ 2.60GHz	13087	128	24.17	\$541.59
Intel Xeon E5-2650 v3 @ 2.30GHz	14941	92	15.40	\$970.00
Intel Xeon E5-2650 v4 @ 2.20GHz	15975	79	13.65	\$1,169.99*
Intel Xeon E5-2650L @ 1.80GHz	8676	326	109.83	\$79.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2650L v3 @ 1.80GHz	13390	127	13.26	\$1,010.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	108	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	163	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	261	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	107	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	70	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16290	71	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11100	168	101.84	\$109.00
Intel Xeon E5-2660 v2 @ 2.20GHz	13564	125	25.72	\$527.50*
Intel Xeon E5-2660 v3 @ 2.60GHz	16151	73	10.56	\$1,529.95
Intel Xeon E5-2660 v4 @ 2.00GHz	17786	51	11.94	\$1,489.97
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	110	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11776	157	83.23	\$141.50*
Intel Xeon E5-2667 @ 2.90GHz	10327	197	57.70	\$178.99
Intel Xeon E5-2667 v2 @ 3.30GHz	16093	75	21.69	\$742.00
Intel Xeon E5-2667 v3 @ 3.20GHz	16101	74	7.12	\$2,259.95*
Intel Xeon E5-2667 v4 @ 3.20GHz	16654	62	6.70	\$2,486.48*
Intel Xeon E5-2670 @ 2.60GHz	12210	150	42.85	\$284.97
Intel Xeon E5-2670 v2 @ 2.50GHz	15031	90	31.46	\$477.80
Intel Xeon E5-2670 v3 @ 2.30GHz	16619	64	11.46	\$1,450.00*
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	69	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16982	58	24.26	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21625	18	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15156	89	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17652	54	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	59	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25236	7	9.34	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12654	138	68.75	\$184.07
Intel Xeon E5-2680 v2 @ 2.80GHz	15963	80	39.77	\$401.41
Intel Xeon E5-2680 v3 @ 2.50GHz	18626	40	9.27	\$2,008.95
Intel Xeon E5-2680 v4 @ 2.40GHz	19953	30	11.32	\$1,762.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2682 v4 @ 2.50GHz	15333	84	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17422	55	8.78	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	37	10.03	\$1,899.99*
Intel Xeon E5-2685 v3 @ 2.60GHz	14154	106	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	35	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14404	102	14.93	\$964.98*
Intel Xeon E5-2687W v2 @ 3.40GHz	16484	67	4.44	\$3,713.55*
Intel Xeon E5-2687W v3 @ 3.10GHz	17719	52	5.89	\$3,009.95
Intel Xeon E5-2687W v4 @ 3.00GHz	19950	31	8.65	\$2,307.31
Intel Xeon E5-2689 @ 2.60GHz	13644	119	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19521	34	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13992	111	66.95	\$209.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16503	66	26.45	\$624.00
Intel Xeon E5-2690 v3 @ 2.60GHz	19240	36	8.15	\$2,359.99*
Intel Xeon E5-2690 v4 @ 2.60GHz	21323	23	9.03	\$2,360.37
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	77	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15847	81	8.93	\$1,774.85*
Intel Xeon E5-2695 v3 @ 2.30GHz	20346	26	8.14	\$2,499.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	27	8.16	\$2,483.99
Intel Xeon E5-2696 v2 @ 2.50GHz	16681	61	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22526	12	9.02	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21331	22	7.09	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17405	56	7.79	\$2,235.02
Intel Xeon E5-2697 v3 @ 2.60GHz	21488	21	8.07	\$2,661.90*
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	20	7.67	\$2,805.00
Intel Xeon E5-2697A v4 @ 2.60GHz	23609	9	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21149	24	6.18	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21789	17	6.75	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22358	14	6.67	\$3,353.90
Intel Xeon E5-2699 v4 @ 2.20GHz	23392	10	2.92	\$8,010.00*
Intel Xeon E5-4603 @ 2.00GHz	5014	673	2.65	\$1,890.99
Intel Xeon E5-4617 @ 2.90GHz	8855	313	98.51	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	359	2.31	\$3,519.97*
Intel Xeon E5-4627 v3 @ 2.60GHz	14219	105	5.92	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	82	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4640 @ 2.40GHz	10523	188	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	136	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	169	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	12085	151	24.57	\$491.80*
Intel Xeon E5-4650L @ 2.60GHz	11821	156	1.36	\$8,684.50*
Intel Xeon E5-4660 v3 @ 2.10GHz	18007	49	3.75	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	121	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1083	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2170	1405	76.43	\$28.40*
Intel Xeon E3113 @ 3.00GHz	2427	1304	247.99	\$9.79
Intel Xeon E3120 @ 3.16GHz	2241	1382	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1757	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1306	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1372	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	1365	14.43	\$157.95*
Intel Xeon E5335 @ 2.00GHz	2513	1277	8.13	\$309.00*
Intel Xeon E5345 @ 2.33GHz	2934	1142	71.10	\$41.28
Intel Xeon E5405 @ 2.00GHz	2864	1164	38.19	\$75.00*
Intel Xeon E5410 @ 2.33GHz	3268	1034	105.98	\$30.84
Intel Xeon E5420 @ 2.50GHz	3527	971	17.46	\$202.01
Intel Xeon E5430 @ 2.66GHz	3787	910	105.20	\$36.00*
Intel Xeon E5440 @ 2.83GHz	3982	866	72.41	\$55.00
Intel Xeon E5450 @ 3.00GHz	4222	819	82.62	\$51.11
Intel Xeon E5462 @ 2.80GHz	3899	881	142.85	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4141	837	75.57	\$54.80*
Intel Xeon E5502 @ 1.87GHz	1375	1771	14.48	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1761	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2724	1212	98.34	\$27.70*
Intel Xeon E5506 @ 2.13GHz	2976	1124	43.13	\$69.00*
Intel Xeon E5507 @ 2.27GHz	3143	1079	6.88	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4447	773	202.24	\$21.99
Intel Xeon E5530 @ 2.40GHz	4605	744	186.17	\$24.74*
Intel Xeon E5540 @ 2.53GHz	4758	717	166.16	\$28.64
Intel Xeon E5603 @ 1.60GHz	2366	1328	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3043	1106	46.12	\$65.99
Intel Xeon E5607 @ 2.27GHz	3398	1006	10.96	\$310.00*
Intel Xeon E5620 @ 2.40GHz	4860	698	305.66	\$15.90
Intel Xeon E5630 @ 2.53GHz	5109	654	49.99	\$102.21*
Intel Xeon E5640 @ 2.67GHz	5309	634	29.51	\$179.95*
Intel Xeon E5645 @ 2.40GHz	6526	494	96.98	\$67.29
Intel Xeon E5649 @ 2.53GHz	6936	459	29.45	\$235.49*
Intel Xeon E7320 @ 2.13GHz	2413	1310	NA	NA
Intel Xeon Gold 5120T @ 2.20GHz	18145	46	10.51	\$1,727.00*
Intel Xeon Gold 6128 @ 3.40GHz	14959	91	8.82	\$1,697.00*
Intel Xeon Gold 6130 @ 2.10GHz	20222	28	10.19	\$1,984.99
Intel Xeon Gold 6134 @ 3.20GHz	18083	47	7.70	\$2,348.26*
Intel Xeon Gold 6136 @ 3.00GHz	20412	25	7.82	\$2,609.99
Intel Xeon Gold 6138 @ 2.00GHz	25416	5	9.45	\$2,689.99*
Intel Xeon Gold 6144 @ 3.50GHz	19833	33	6.78	\$2,925.00*
Intel Xeon Gold 6154 @ 3.00GHz	27789	2	7.84	\$3,543.00*
Intel Xeon L3110 @ 3.00GHz	2273	1369	NA	NA
Intel Xeon L3360 @ 2.83GHz	3820	897	42.81	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1791	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	891	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1556	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1370	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1368	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1418	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1201	72.15	\$38.20*
Intel Xeon L5408 @ 2.13GHz	3014	1115	NA	NA
Intel Xeon L5410 @ 2.33GHz	3424	995	34.21	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3508	975	22.21	\$157.95
Intel Xeon L5430 @ 2.66GHz	3776	915	23.91	\$157.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5506 @ 2.13GHz	3715	928	16.59	\$224.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5520 @ 2.27GHz	4387	787	164.31	\$26.70*
Intel Xeon L5530 @ 2.40GHz	4351	797	97.14	\$44.80*
Intel Xeon L5630 @ 2.13GHz	4369	790	274.78	\$15.90*
Intel Xeon L5638 @ 2.00GHz	5556	595	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	7021	452	NA	NA
Intel Xeon L5640 @ 2.27GHz	6444	500	44.18	\$145.89
Intel Xeon L7455 @ 2.13GHz	3836	893	NA	NA
Intel Xeon MV 3.20GHz	683	2160	NA	NA
Intel Xeon Platinum 8173M @ 2.00GHz	28860	1	NA	NA
Intel Xeon Silver 4109T @ 2.00GHz	10854	178	21.67	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11631	161	21.54	\$539.99*
Intel Xeon Silver 4112 @ 2.60GHz	8613	331	16.28	\$529.21
Intel Xeon Silver 4114 @ 2.20GHz	14466	99	19.43	\$744.73*
Intel Xeon Silver 4116 @ 2.10GHz	16723	60	14.92	\$1,121.16
Intel Xeon W3503 @ 2.40GHz	1761	1582	27.10	\$64.99*
Intel Xeon W3505 @ 2.53GHz	1858	1540	NA	NA
Intel Xeon W3520 @ 2.67GHz	5058	664	12.34	\$409.95
Intel Xeon W3530 @ 2.80GHz	5363	625	89.46	\$59.95*
Intel Xeon W3540 @ 2.93GHz	5474	604	15.21	\$359.95*
Intel Xeon W3550 @ 3.07GHz	5709	576	24.29	\$235.00*
Intel Xeon W3565 @ 3.20GHz	5946	545	85.02	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6109	535	12.73	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6433	504	29.99	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8158	357	27.65	\$295.00*
Intel Xeon W3680 @ 3.33GHz	9139	289	19.87	\$459.95
Intel Xeon W3690 @ 3.47GHz	9251	278	4.09	\$2,260.61
Intel Xeon W5580 @ 3.20GHz	5836	561	65.67	\$88.88*
Intel Xeon W5590 @ 3.33GHz	6183	522	22.90	\$269.99*
Intel Xeon W-2123 @ 3.60GHz	10958	175	32.64	\$335.70*
Intel Xeon W-2125 @ 4.00GHz	12638	140	28.46	\$444.00*
Intel Xeon W-2133 @ 3.60GHz	14419	101	23.37	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16460	68	16.64	\$989.48
Intel Xeon W-2140B @ 3.20GHz	18016	48	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19836	32	17.82	\$1,113.00*
Intel Xeon W-2150B @ 3.00GHz	21581	19	NA	NA
Intel Xeon W-2155 @ 3.30GHz	22409	13	15.56	\$1,440.00*
Intel Xeon W-2195 @ 2.30GHz	26470	4	10.37	\$2,553.00*
Intel Xeon X3210 @ 2.13GHz	2771	1192	18.60	\$149.00*
Intel Xeon X3220 @ 2.40GHz	3096	1088	12.09	\$256.07*
Intel Xeon X3230 @ 2.66GHz	3431	993	9.53	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3335	1020	14.53	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3165	1069	44.59	\$70.99*
Intel Xeon X3330 @ 2.66GHz	3376	1011	16.08	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3880	884	64.68	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3881	883	52.81	\$73.50
Intel Xeon X3360 @ 2.83GHz	3978	867	25.19	\$157.95
Intel Xeon X3363 @ 2.83GHz	4041	851	25.59	\$157.95*
Intel Xeon X3370 @ 3.00GHz	4300	808	11.72	\$367.02*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3380 @ 3.16GHz	4697	726	NA	NA
Intel Xeon X3430 @ 2.40GHz	3371	1013	14.73	\$228.88
Intel Xeon X3440 @ 2.53GHz	4557	757	20.26	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4874	696	37.49	\$130.00*
Intel Xeon X3460 @ 2.80GHz	5117	651	67.78	\$75.50*
Intel Xeon X3470 @ 2.93GHz	5187	644	10.17	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	581	NA	NA
Intel Xeon X5260 @ 3.33GHz	2450	1296	17.60	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2524	1272	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1317	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3258	1041	47.10	\$69.18
Intel Xeon X5365 @ 3.00GHz	3491	979	31.90	\$109.45
Intel Xeon X5450 @ 3.00GHz	4154	835	80.55	\$51.57
Intel Xeon X5460 @ 3.16GHz	4365	791	72.67	\$60.07*
Intel Xeon X5470 @ 3.33GHz	4640	735	15.79	\$293.87*
Intel Xeon X5472 @ 3.00GHz	4023	854	17.88	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4572	754	45.73	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4829	705	3.47	\$1,391.29*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5550 @ 2.67GHz	5404	617	242.36	\$22.30*
Intel Xeon X5560 @ 2.80GHz	5399	619	94.89	\$56.90*
Intel Xeon X5570 @ 2.93GHz	5679	579	120.22	\$47.24
Intel Xeon X5647 @ 2.93GHz	5980	542	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7438	413	98.43	\$75.57
Intel Xeon X5660 @ 2.80GHz	7641	398	107.90	\$70.82
Intel Xeon X5667 @ 3.07GHz	4722	721	67.47	\$70.00
Intel Xeon X5670 @ 2.93GHz	7963	376	108.36	\$73.49
Intel Xeon X5672 @ 3.20GHz	6438	502	55.93	\$115.12*
Intel Xeon X5675 @ 3.07GHz	8484	337	35.50	\$239.00
Intel Xeon X5677 @ 3.47GHz	6947	458	19.85	\$350.00*
Intel Xeon X5679 @ 3.20GHz	8845	317	NA	NA
Intel Xeon X5680 @ 3.33GHz	8605	333	60.82	\$141.48
Intel Xeon X5687 @ 3.60GHz	7123	444	75.82	\$93.95
Intel Xeon X5690 @ 3.47GHz	8977	302	54.51	\$164.69
Intel Xeon X5698 @ 4.40GHz	4272	809	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1123	NA	NA
Mobile AMD Athlon 4	314	2461	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2416	NA	NA
Mobile AMD Athlon 64 2700+	398	2369	NA	NA
Mobile AMD Athlon 64 2800+	440	2319	NA	NA
Mobile AMD Athlon 64 3000+	450	2309	NA	NA
Mobile AMD Athlon 64 3200+	448	2313	NA	NA
Mobile AMD Athlon 64 3400+	511	2249	NA	NA
Mobile AMD Athlon 64 3700+	435	2331	NA	NA
Mobile AMD Athlon 64 4000+	576	2210	NA	NA
Mobile AMD Athlon 1400+	266	2539	NA	NA
Mobile AMD Athlon 2500+	370	2400	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2540	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2390	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2493	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon MP-M 2800+	496	2260	NA	NA
Mobile AMD Athlon XP	572	2215	47.72	\$11.99
Mobile AMD Athlon XP-M	512	2248	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2620	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2544	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2547	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2449	NA	NA
Mobile AMD Athlon XP-M 1800+	312	2465	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2434	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2483	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2410	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2430	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2428	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2399	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2408	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2407	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2321	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2269	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2254	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2500	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2492	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2440	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2397	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2286	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2256	NA	NA
Mobile AMD Sempron 2100+	252	2554	NA	NA
Mobile AMD Sempron 2600+	394	2375	NA	NA
Mobile AMD Sempron 2800+	358	2417	NA	NA
Mobile AMD Sempron 3000+	389	2383	NA	NA
Mobile AMD Sempron 3100+	416	2343	NA	NA
Mobile AMD Sempron 3200+	354	2421	NA	NA
Mobile AMD Sempron 3300+	444	2315	NA	NA
Mobile AMD Sempron 3400+	448	2311	NA	NA
Mobile AMD Sempron 3500+	408	2355	NA	NA
Mobile AMD Sempron 3600+	430	2335	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Sempron 3800+	485	2273	NA	NA
Mobile Intel Celeron 1.20GHz	170	2630	NA	NA
Mobile Intel Celeron 1.50GHz	188	2614	NA	NA
Mobile Intel Celeron 1.60GHz	188	2615	NA	NA
Mobile Intel Celeron 1.70GHz	181	2623	NA	NA
Mobile Intel Celeron 1.80GHz	186	2617	NA	NA
Mobile Intel Celeron 2.00GHz	204	2602	NA	NA
Mobile Intel Celeron 2.20GHz	226	2582	NA	NA
Mobile Intel Celeron 2.40GHz	239	2569	NA	NA
Mobile Intel Celeron 2.50GHz	281	2519	NA	NA
Mobile Intel Celeron 1200MHz	294	2494	NA	NA
Mobile Intel Celeron 1333MHz	309	2470	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2526	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2542	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 2.66GHz	279	2523	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2459	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2438	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2418	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2322	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2283	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2609	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2629	0.89	\$195.49
Mobile Intel Pentium 4 - M 1.80GHz	176	2626	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2577	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2605	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2607	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2593	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2549	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2462	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2595	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2606	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2558	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2498	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2583	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2499	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1283	NA	NA
Quad-Core AMD Opteron 1385	3442	992	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3418	997	NA	NA
VIA C3 Ezra	100	2658	NA	NA
VIA C7 1500MHz	284	2512	NA	NA
VIA C7-D 1500MHz	287	2506	NA	NA
VIA C7-D 1800MHz	203	2603	NA	NA
VIA C7-D 2000MHz	368	2403	NA	NA
VIA C7-M 1000MHz	164	2633	NA	NA
VIA C7-M 1200MHz	140	2645	NA	NA
VIA C7-M 1600MHz	178	2625	NA	NA
VIA C7-M 6300MHz	222	2585	NA	NA
VIA Eden 800MHz	155	2637	NA	NA
VIA Eden 1000MHz	123	2653	NA	NA
VIA Eden 1200MHz	142	2644	NA	NA
VIA Eden C1050@1.06GHz	352	2424	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2281	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	1905	NA	NA
VIA Esther 1000MHz	169	2631	NA	NA
VIA Esther 1300MHz	250	2557	NA	NA
VIA Esther 1500MHz	219	2587	NA	NA
VIA Esther 2000MHz	394	2374	NA	NA
VIA Nano L1900@1400MHz	457	2301	NA	NA
VIA Nano L2007@1600MHz	369	2401	NA	NA
VIA Nano L2100@1800MHz	428	2337	NA	NA
VIA Nano L2207@1600MHz	296	2491	NA	NA
VIA Nano L3025@1600MHz	517	2245	NA	NA
VIA Nano L3050@1800MHz	581	2208	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano L3600@2000MHz	645	2175	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano U2250 (1.6GHz Capable)	377	2391	NA	NA
VIA Nano U2250@1300+MHz	274	2531	NA	NA
VIA Nano U2500@1200MHz	306	2474	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2258	NA	NA
VIA Nano U3300@1200MHz	409	2351	NA	NA
VIA Nano U3500@1000MHz	275	2529	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2195	NA	NA
VIA Nehemiah	155	2638	NA	NA
VIA QuadCore C4650@2.0GHz	1940	1498	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1778	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1886	NA	NA
VIA Samuel 2	79	2660	NA	NA

* - Last price seen from our affiliates.

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Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	257	24.17	\$317.40*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	100	10.30	\$1,713.92
[Dual CPU] AMD Athlon 64 FX-72	3163	356	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	362	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	406	NA	NA
[Dual CPU] AMD EPYC 7281	12720	148	9.46	\$1,344.74
[Dual CPU] AMD EPYC 7401	23518	47	5.88	\$3,999.98
[Dual CPU] AMD EPYC 7451	28957	18	5.57	\$5,199.98
[Dual CPU] AMD EPYC 7501	23727	44	3.25	\$7,299.98
[Dual CPU] AMD EPYC 7551	30966	12	4.18	\$7,399.98
[Dual CPU] AMD Opteron 246	1130	395	11.30	\$99.98
[Dual CPU] AMD Opteron 248	1053	396	43.88	\$24.00
[Dual CPU] AMD Opteron 250	1438	392	65.36	\$22.00
[Dual CPU] AMD Opteron 252	1385	393	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	401	NA	NA
[Dual CPU] AMD Opteron 256	1853	389	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	387	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	383	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	386	9.70	\$219.90
[Dual CPU] AMD Opteron 280	2452	379	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	371	NA	NA
[Dual CPU] AMD Opteron 290	2807	368	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	365	NA	NA
[Dual CPU] AMD Opteron 2212	2203	384	91.79	\$24.00
[Dual CPU] AMD Opteron 2214 HE	2463	378	NA	NA
[Dual CPU] AMD Opteron 2216	2485	376	6.98	\$356.00
[Dual CPU] AMD Opteron 2216 HE	2593	374	NA	NA
[Dual CPU] AMD Opteron 2218	2719	372	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	375	NA	NA
[Dual CPU] AMD Opteron 2220	2850	366	0.97	\$2,950.32
[Dual CPU] AMD Opteron 2220 SE	2882	364	75.84	\$38.00
[Dual CPU] AMD Opteron 2222	2972	361	0.89	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	354	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	344	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	351	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4090	345	7.57	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	334	6.88	\$664.02*
[Dual CPU] AMD Opteron 2356	4487	336	150.07	\$29.90
[Dual CPU] AMD Opteron 2360 SE	5315	317	189.82	\$28.00
[Dual CPU] AMD Opteron 2374 HE	4799	330	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	318	174.60	\$30.00
[Dual CPU] AMD Opteron 2378	5559	312	15.53	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	304	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	301	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6441	285	NA	NA
[Dual CPU] AMD Opteron 2389	5677	305	142.00	\$39.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2419	5191	320	216.47	\$23.98
[Dual CPU] AMD Opteron 2425 HE	6209	293	NA	NA
[Dual CPU] AMD Opteron 2427	5980	299	31.43	\$190.28*
[Dual CPU] AMD Opteron 2431	6438	286	80.48	\$80.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2435	7124	270	29.58	\$240.80*
[Dual CPU] AMD Opteron 2439 SE	8071	243	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	346	7.84	\$519.90
[Dual CPU] AMD Opteron 4130	5651	307	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	289	9.33	\$679.90
[Dual CPU] AMD Opteron 4180	6367	288	14.15	\$450.08
[Dual CPU] AMD Opteron 4184	7848	249	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	242	8.64	\$936.14*
[Dual CPU] AMD Opteron 4228 HE	7986	244	NA	NA
[Dual CPU] AMD Opteron 4234	9361	212	15.57	\$601.40*
[Dual CPU] AMD Opteron 4276 HE	9681	205	NA	NA
[Dual CPU] AMD Opteron 4280	4525	335	4.96	\$912.88*
[Dual CPU] AMD Opteron 4284	7833	251	10.96	\$714.60*
[Dual CPU] AMD Opteron 4334	9468	210	21.87	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	184	NA	NA
[Dual CPU] AMD Opteron 4376 HE	10244	192	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	175	15.01	\$757.04*
[Dual CPU] AMD Opteron 6128	6881	276	14.64	\$470.00
[Dual CPU] AMD Opteron 6128 HE	5582	310	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	227	NA	NA
[Dual CPU] AMD Opteron 6136	7255	265	10.10	\$718.00
[Dual CPU] AMD Opteron 6164 HE	5109	323	NA	NA
[Dual CPU] AMD Opteron 6168	7741	254	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7623	258	18.15	\$419.90
[Dual CPU] AMD Opteron 6174	8776	225	20.90	\$419.96
[Dual CPU] AMD Opteron 6176 SE	8448	231	15.30	\$552.00*
[Dual CPU] AMD Opteron 6180 SE	3114	357	NA	NA
[Dual CPU] AMD Opteron 6204	7134	269	NA	NA
[Dual CPU] AMD Opteron 6212	8955	218	21.37	\$419.00*
[Dual CPU] AMD Opteron 6220	10740	181	25.57	\$420.00
[Dual CPU] AMD Opteron 6234	10262	191	12.83	\$799.98*
[Dual CPU] AMD Opteron 6238	10349	188	4.76	\$2,176.22*
[Dual CPU] AMD Opteron 6272	10026	197	15.42	\$650.00
[Dual CPU] AMD Opteron 6274	10682	182	25.43	\$420.00
[Dual CPU] AMD Opteron 6275	9936	200	NA	NA
[Dual CPU] AMD Opteron 6276	10194	194	16.50	\$617.78
[Dual CPU] AMD Opteron 6284 SE	11985	160	NA	NA
[Dual CPU] AMD Opteron 6308	8351	234	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10914	179	20.21	\$539.96
[Dual CPU] AMD Opteron 6328	11709	166	11.71	\$1,000.00
[Dual CPU] AMD Opteron 6344	11178	176	14.37	\$778.00
[Dual CPU] AMD Opteron 6348	11412	173	5.65	\$2,020.00
[Dual CPU] AMD Opteron 6376	10405	186	8.53	\$1,220.00
[Dual CPU] AMD Opteron 6378	2905	363	3.64	\$798.00*
[Dual CPU] AMD Opteron 6380	14200	135	18.21	\$779.72
[Dual CPU] AMD Opteron 6386 SE	10764	180	2.24	\$4,815.02*
[Dual CPU] AMD Opteron 8218	2831	367	117.96	\$24.00
[Dual CPU] AMD Opteron 8222 SE	2793	370	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	355	134.29	\$24.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 8380	5643	308	13.70	\$412.00*
[Dual CPU] AMD Opteron 8381 HE	5210	319	NA	NA
[Dual CPU] AMD Opteron 8389	6517	282	155.24	\$41.98
[Dual CPU] AMD Opteron 8431	5813	302	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	7606	259	38.42	\$197.98
[Dual CPU] AMD Opteron 8439 SE	7691	256	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	394	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	381	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	350	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7955	245	2.20	\$3,611.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	415	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	413	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	409	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	411	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	416	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	417	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	414	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	479	412	26.32	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	407	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	687	403	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	784	402	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	405	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	856	400	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	892	399	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	926	398	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1862	388	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	998	397	0.59	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2148	385	6.71	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	380	0.69	\$3,367.96*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2614	373	34.04	\$76.80*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	358	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2984	360	31.75	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	359	37.50	\$79.98*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3451	352	107.91	\$31.98*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3848	348	131.78	\$29.20*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	9410	211	18.67	\$504.00
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11646	168	18.43	\$632.00*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	5988	298	7.68	\$779.38*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	291	14.14	\$445.68*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7569	261	65.25	\$116.00
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	216	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11724	165	15.03	\$780.00
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11725	164	10.47	\$1,119.90
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	236	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	141	12.79	\$1,066.44*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	14265	134	13.57	\$1,051.24
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	174	54.76	\$207.98
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	153	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	147	16.07	\$800.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	139	9.50	\$1,444.44*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	112	NA	NA
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11886	161	91.44	\$129.98
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	110	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	94	4.13	\$4,500.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6311	290	7.61	\$828.92*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	281	8.56	\$761.64*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8374	232	19.04	\$439.90
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8542	230	18.57	\$459.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8228	239	34.87	\$235.98
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8822	221	9.11	\$968.02
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10019	198	11.78	\$850.38
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10992	178	12.66	\$868.00*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12455	151	124.67	\$99.90
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13464	146	14.81	\$909.20
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15317	125	10.78	\$1,421.08*
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16524	113	18.32	\$902.04
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14155	136	17.48	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	11873	162	10.81	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	131	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13616	144	42.54	\$320.04
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16121	116	19.26	\$836.96
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18579	93	13.89	\$1,337.88
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18950	92	13.37	\$1,417.00
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	177	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	142	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15176	126	10.09	\$1,503.84*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	16141	115	4.98	\$3,244.34*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16437	114	6.34	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16678	109	7.34	\$2,272.00*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14765	129	68.81	\$214.58
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14420	132	15.00	\$961.36
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20459	80	10.49	\$1,950.48*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20625	77	10.58	\$1,949.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13604	145	12.57	\$1,082.18*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21298	69	7.56	\$2,818.10*
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21076	71	5.76	\$3,658.96
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21705	64	6.31	\$3,438.10*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	155	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	11808	163	3.99	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	19339	89	7.24	\$2,671.96
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15022	127	57.44	\$261.52
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19073	91	17.61	\$1,083.18
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20517	79	10.58	\$1,940.00
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20639	76	8.82	\$2,339.98*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	133	91.04	\$158.00
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	13948	138	22.93	\$608.16
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	74	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18096	99	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	88	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16567	111	76.00	\$218.00
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18295	96	17.34	\$1,055.00*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22733	56	7.43	\$3,059.90
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23117	51	7.76	\$2,979.94
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	50	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17622	101	62.27	\$283.00*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	34	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17001	105	47.49	\$357.98
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22834	55	15.39	\$1,484.00
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23109	52	5.11	\$4,519.90*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23855	43	4.80	\$4,972.96*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18256	97	32.03	\$569.94
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	21515	65	22.51	\$955.60
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	60	7.71	\$2,900.00*
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23077	53	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	22959	54	16.40	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	17	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	83	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	22393	59	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	16	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18227	98	49.51	\$368.14
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21983	62	27.38	\$802.82
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24963	33	6.21	\$4,017.90
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	49	6.63	\$3,525.80*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	106	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21028	72	5.30	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24503	37	6.45	\$3,799.98*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	61	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26071	28	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21008	73	10.89	\$1,929.96*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23519	46	3.17	\$7,427.10*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24249	39	4.03	\$6,019.90
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26695	25	5.78	\$4,614.62
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	20362	81	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26470	27	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	20098	82	48.08	\$418.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23897	42	19.15	\$1,248.00
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25653	29	5.43	\$4,719.98*
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27561	23	5.84	\$4,720.74
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20590	78	5.80	\$3,549.70*
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	35	4.97	\$4,999.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	30	5.16	\$4,967.98
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23914	41	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30116	14	6.03	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31481	10	5.23	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23557	45	5.27	\$4,470.04
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28349	20	5.32	\$5,323.80*
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30520	13	5.44	\$5,610.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28018	22	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29958	15	4.37	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	31861	9	4.94	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	40	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	25176	32	3.75	\$6,707.80
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34330	5	2.14	\$16,020.00*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	75	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	85	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	120	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	90	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19588	84	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19401	87	19.72	\$983.60*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	128	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	57	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	24	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	157	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	121	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	58	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	17541	102	2.66	\$6,587.58*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	382	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	347	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3607	349	6.94	\$519.90*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4141	343	13.11	\$315.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	326	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4594	333	7.43	\$618.00*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5136	322	62.21	\$82.56
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5181	321	34.54	\$150.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6047	296	98.04	\$61.68
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6397	287	15.83	\$404.02
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6874	277	95.47	\$72.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7217	266	65.61	\$110.00
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7589	260	74.24	\$102.22
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7145	268	130.86	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7842	250	71.55	\$109.60*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2480	377	13.05	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	369	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4899	327	88.43	\$55.40*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5037	325	36.50	\$138.00*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5434	314	5.95	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7438	263	169.12	\$43.98
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7740	255	156.43	\$49.48*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7876	248	137.50	\$57.28
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4236	341	16.41	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5563	311	42.15	\$131.98
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5989	297	9.66	\$620.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8120	241	255.35	\$31.80
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8368	233	40.94	\$204.42*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8790	224	24.42	\$359.90*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10413	185	77.37	\$134.58
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10362	187	22.00	\$470.98*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	313	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	316	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	21833	63	8.94	\$2,442.00*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	38	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	70	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	21447	66	7.79	\$2,752.00
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25469	31	8.16	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	16758	108	6.47	\$2,589.98
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	23396	48	6.89	\$3,394.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	21392	67	5.39	\$3,969.98
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	28137	21	5.39	\$5,219.98
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35823	3	6.66	\$5,379.98*
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	33268	7	6.31	\$5,269.54
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28521	19	4.88	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	34296	6	5.22	\$6,572.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	11	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35368	4	4.48	\$7,896.50
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36110	2	5.10	\$7,086.00*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	337	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	340	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	328	64.02	\$76.40*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	309	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6163	294	30.79	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6487	284	20.53	\$315.90
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6600	279	20.89	\$315.90*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	275	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	7001	274	131.10	\$53.40*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	246	88.60	\$89.60*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	273	220.31	\$31.80*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	219	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9618	206	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9746	203	33.40	\$291.78
[Dual CPU] Intel Xeon MP 2.50GHz	550	408	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	410	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	404	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	390	NA	NA
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15441	122	16.44	\$939.32
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	18316	95	16.96	\$1,079.98*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19445	86	13.06	\$1,489.46*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	195	56.87	\$177.76*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10343	189	19.15	\$539.98*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	190	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4778	331	17.16	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	332	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	329	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5810	303	41.99	\$138.36
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6269	292	28.64	\$218.90
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7509	262	72.80	\$103.14
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7883	247	65.62	\$120.14*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8225	240	13.99	\$587.74*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7780	252	17.29	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8258	237	41.29	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8805	223	3.16	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9054	214	203.00	\$44.60*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	213	79.82	\$113.80*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9573	207	101.32	\$94.48
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	201	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11425	172	75.59	\$151.14
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11688	167	82.52	\$141.64
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	222	62.98	\$140.00
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12362	152	84.11	\$146.98
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10053	196	43.66	\$230.24*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12697	150	26.56	\$478.00
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11532	170	16.47	\$700.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	143	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13642	140	48.21	\$282.96
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	12010	159	63.92	\$187.90
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	14000	137	42.50	\$329.38
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8974	217	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	280	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	226	41.21	\$211.60*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	199	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	169	27.14	\$428.48
[Dual CPU] Quad-Core AMD Opteron 2352	4232	342	60.46	\$70.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	324	15.28	\$330.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Quad-Core AMD Opteron 8350	4290	339	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	338	199.09	\$21.98
[Dual CPU] Quad-Core AMD Opteron 8378	5382	315	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	278	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	306	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	300	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	235	NA	NA
[Quad CPU] AMD Opteron 6136	9767	202	6.80	\$1,436.00
[Quad CPU] AMD Opteron 6272	12292	154	9.46	\$1,300.00
[Quad CPU] AMD Opteron 6274	10488	183	12.49	\$840.00
[Quad CPU] AMD Opteron 6276	15342	124	12.42	\$1,235.56
[Quad CPU] AMD Opteron 6278	12055	158	4.35	\$2,770.00*
[Quad CPU] AMD Opteron 6376	14681	130	6.02	\$2,440.00
[Quad CPU] AMD Opteron 8360 SE	6490	283	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	295	NA	NA
[Quad CPU] AMD Opteron 8382	8553	229	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	264	NA	NA
[Quad CPU] AMD Opteron 8431	8252	238	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	271	17.93	\$395.96
[Quad CPU] AMD Opteron 8439 SE	8943	220	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	391	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	353	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	107	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	119	1.13	\$14,079.88*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	36	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	68	10.86	\$1,967.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	117	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	8	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	104	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	103	1.13	\$15,352.00*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15952	118	1.21	\$13,175.16*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	149	15.87	\$799.96
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	272	20.65	\$340.00
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	253	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	193	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	208	7.31	\$1,310.40*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	215	14.31	\$631.80
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26690	26	5.15	\$5,179.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	204	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	1	1.10	\$40,060.00*
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	209	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12250	156	28.95	\$423.20*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	228	6.36	\$1,356.96
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	171	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	123	17.99	\$856.96
[Quad CPU] Quad-Core AMD Opteron 8356	7170	267	163.10	\$43.96

* - Last price seen from our affiliates.

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