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# CPU Benchmarks

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## CPU List

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

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## Single CPU Systems

Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2652	NA	NA
AMD A4 Micro-6400T APU	1544	1846	NA	NA
AMD A4 PRO-3340B	2402	1456	NA	NA
AMD A4 PRO-7300B APU	2372	1467	NA	NA
AMD A4 PRO-7350B	2794	1319	NA	NA
AMD A4-1200 APU	635	2333	NA	NA
AMD A4-1250 APU	618	2340	NA	NA
AMD A4-3300 APU	1504	1867	115.83	\$12.99
AMD A4-3300M APU	1185	2032	39.52	\$29.99*
AMD A4-3305M APU	1220	2013	39.61	\$30.81
AMD A4-3310MX APU	1281	1979	NA	NA
AMD A4-3320M APU	1253	1996	36.88	\$34.00
AMD A4-3330MX APU	1212	2018	NA	NA
AMD A4-3400 APU	1593	1830	18.12	\$87.95
AMD A4-3420 APU	1672	1782	NA	NA
AMD A4-4000 APU	1824	1706	37.90	\$48.15
AMD A4-4020 APU	1924	1651	22.38	\$86.00
AMD A4-4300M APU	1606	1818	40.29	\$39.86
AMD A4-4355M APU	1175	2036	NA	NA
AMD A4-5000 APU	1911	1659	NA	NA
AMD A4-5050 APU	2113	1572	NA	NA
AMD A4-5100 APU	2037	1602	NA	NA
AMD A4-5150M APU	1844	1695	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5300 APU	2011	1615	11.50	\$174.93
AMD A4-5300B APU	2136	1558	56.21	\$38.00*
AMD A4-6210 APU	2159	1551	NA	NA
AMD A4-6250J APU	2556	1400	NA	NA
AMD A4-6300 APU	2218	1529	42.26	\$52.50
AMD A4-6300B APU	2129	1564	21.30	\$100.00*
AMD A4-6320 APU	2329	1477	33.29	\$69.99*
AMD A4-7210 APU	2509	1418	NA	NA
AMD A4-7300 APU	2295	1493	19.46	\$118.00
AMD A4-9120	1950	1640	NA	NA
AMD A4-9125	2141	1556	NA	NA
AMD A6 Micro-6500T APU	1834	1702	NA	NA
AMD A6 PRO-7050B APU	1616	1815	NA	NA
AMD A6 PRO-7400B	2654	1364	NA	NA
AMD A6-1450 APU	1529	1851	NA	NA
AMD A6-3400M APU	1884	1677	62.89	\$29.97*
AMD A6-3410MX APU	2053	1597	514.77	\$3.99
AMD A6-3420M APU	2001	1617	NA	NA
AMD A6-3430MX APU	2204	1536	NA	NA
AMD A6-3500 APU	2012	1614	27.74	\$72.54
AMD A6-3600 APU	2703	1350	117.61	\$22.99*
AMD A6-3620 APU	2799	1318	46.67	\$59.99*
AMD A6-3650 APU	3153	1202	98.58	\$31.99*
AMD A6-3670 APU	3171	1190	39.03	\$81.25
AMD A6-4400M APU	1635	1803	41.03	\$39.86*
AMD A6-4455M APU	1284	1976	NA	NA
AMD A6-5200 APU	2426	1445	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5345M APU	1476	1879	NA	NA
AMD A6-5350M APU	1912	1658	44.36	\$43.12
AMD A6-5357M APU	1941	1644	NA	NA
AMD A6-5400B APU	2219	1528	21.13	\$105.04*
AMD A6-5400K APU	2151	1554	16.55	\$129.95
AMD A6-6310 APU	2451	1438	NA	NA
AMD A6-6400B APU	2281	1504	NA	NA
AMD A6-6400K APU	2303	1489	16.46	\$139.95
AMD A6-6420B APU	2612	1377	NA	NA
AMD A6-6420K APU	2361	1474	15.75	\$149.99*
AMD A6-7000	1671	1784	NA	NA
AMD A6-7310 APU	2664	1362	NA	NA
AMD A6-7400K APU	2779	1325	47.15	\$58.95
AMD A6-7470K	2727	1345	11.22	\$243.00
AMD A6-8500P	2202	1538	NA	NA
AMD A6-8550	3104	1214	NA	NA
AMD A6-9200	1718	1750	NA	NA
AMD A6-9210	1791	1717	NA	NA
AMD A6-9220	2177	1545	NA	NA
AMD A6-9220e	1600	1825	NA	NA
AMD A6-9225	2063	1591	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-9230	2102	1577	NA	NA
AMD A6-9500	3011	1243	53.30	\$56.51
AMD A6-9500E	2889	1293	44.66	\$64.70
AMD A8 PRO-7150B APU	2665	1361	NA	NA
AMD A8 PRO-7600B APU	4801	829	NA	NA
AMD A8-3500M APU	1972	1629	28.19	\$69.95
AMD A8-3510MX APU	2370	1469	NA	NA
AMD A8-3520M APU	2173	1546	NA	NA
AMD A8-3530MX APU	2371	1468	NA	NA
AMD A8-3550MX APU	2610	1378	NA	NA
AMD A8-3800 APU	3024	1239	53.07	\$56.99*
AMD A8-3820 APU	3113	1212	24.91	\$124.99*
AMD A8-3850 APU	3467	1111	32.81	\$105.68*
AMD A8-3870K APU	3542	1091	70.87	\$49.99*
AMD A8-4500M APU	2665	1360	NA	NA
AMD A8-4555M APU	2118	1569	NA	NA
AMD A8-5500 APU	3993	981	70.69	\$56.50
AMD A8-5500B APU	3981	982	NA	NA
AMD A8-5545M APU	2585	1387	NA	NA
AMD A8-5550M APU	3004	1248	NA	NA
AMD A8-5557M APU	2963	1261	NA	NA
AMD A8-5600K APU	4344	916	18.95	\$229.30
AMD A8-6410 APU	2570	1394	NA	NA
AMD A8-6500 APU	4388	908	46.20	\$94.99*
AMD A8-6500B APU	4612	862	NA	NA
AMD A8-6500T APU	3221	1176	NA	NA
AMD A8-6600K APU	4585	869	47.28	\$96.99*
AMD A8-7050	1986	1624	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7100 APU	2805	1316	NA	NA
AMD A8-7200P	3319	1147	NA	NA
AMD A8-7410 APU	2735	1344	NA	NA
AMD A8-7600 APU	5071	774	63.40	\$79.99
AMD A8-7650K	4928	809	23.53	\$209.50
AMD A8-7670K	5083	769	31.55	\$161.10*
AMD A8-7680	5314	741	93.81	\$56.65
AMD A8-8600P	3248	1168	NA	NA
AMD A8-8650	5470	710	NA	NA
AMD A8-9600	4994	794	73.46	\$67.99
AMD A9-9400	2309	1487	NA	NA
AMD A9-9410	2557	1399	NA	NA
AMD A9-9420	2326	1479	NA	NA
AMD A9-9420e	1871	1683	NA	NA
AMD A9-9425	2614	1375	NA	NA
AMD A9-9430	2543	1405	NA	NA
AMD A10 Micro-6700T APU	1970	1631	NA	NA
AMD A10 PRO-7350B APU	3193	1185	NA	NA
AMD A10 PRO-7800B APU	5057	779	NA	NA
AMD A10 PRO-7850B APU	5382	727	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-4600M APU	3112	1213	NA	NA
AMD A10-4655M APU	2597	1382	NA	NA
AMD A10-4657M APU	2906	1281	NA	NA
AMD A10-5700 APU	4211	942	65.30	\$64.50
AMD A10-5745M APU	2762	1332	NA	NA
AMD A10-5750M APU	3346	1142	NA	NA
AMD A10-5757M APU	3084	1221	NA	NA
AMD A10-5800B APU	4669	848	NA	NA
AMD A10-5800K APU	4638	854	15.41	\$301.11*
AMD A10-6700 APU	4604	865	39.36	\$116.99*
AMD A10-6700T APU	3693	1055	25.02	\$147.61*
AMD A10-6790K APU	4709	842	49.58	\$94.99*
AMD A10-6800B APU	4991	795	NA	NA
AMD A10-6800K APU	4864	820	16.96	\$286.85*
AMD A10-7300 APU	2908	1280	NA	NA
AMD A10-7400P	3607	1072	NA	NA
AMD A10-7700K APU	5124	760	14.78	\$346.70*
AMD A10-7800 APU	4984	796	48.21	\$103.39*
AMD A10-7850K APU	5472	707	42.10	\$129.99
AMD A10-7860K	5070	775	28.97	\$175.00*
AMD A10-7870K	5471	709	24.10	\$226.99*
AMD A10-7890K	5705	680	28.53	\$199.99*
AMD A10-8700P	3445	1115	NA	NA
AMD A10-8750	5072	773	NA	NA
AMD A10-8850	5598	695	NA	NA
AMD A10-9600P	3798	1025	NA	NA
AMD A10-9620P	3712	1050	NA	NA
AMD A10-9630P	4497	887	NA	NA
AMD A10-9700	5453	715	61.70	\$88.40
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9700E	4747	838	52.39	\$90.63
AMD A12-9700P	3726	1045	NA	NA
AMD A12-9720P	3973	987	NA	NA
AMD A12-9730P	4472	892	NA	NA
AMD A12-9800	5518	705	50.18	\$109.99
AMD A12-9800E	5104	764	34.03	\$149.99
AMD Athlon64 X2 Dual Core 4600+	1108	2074	NA	NA
AMD Athlon 4	279	2672	3.48	\$80.49
AMD Athlon 64 2000+	116	2806	NA	NA
AMD Athlon 64 2200+	575	2364	NA	NA
AMD Athlon 64 2600+	374	2547	NA	NA
AMD Athlon 64 2800+	438	2475	4.38	\$99.99*
AMD Athlon 64 3000+	463	2445	11.59	\$39.99
AMD Athlon 64 3200+	492	2413	3.28	\$149.95*
AMD Athlon 64 3300+	576	2363	NA	NA
AMD Athlon 64 3400+	545	2376	NA	NA
AMD Athlon 64 3500+	539	2382	4.96	\$108.95*
AMD Athlon 64 3600+	601	2350	NA	NA
AMD Athlon 64 3700+	600	2351	8.70	\$69.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 3800+	589	2354	3.27	\$179.95*
AMD Athlon 64 4000+	608	2344	11.90	\$51.14
AMD Athlon 64 FX-25	794	2258	NA	NA
AMD Athlon 64 FX-34	380	2538	NA	NA
AMD Athlon 64 FX-51	437	2476	NA	NA
AMD Athlon 64 FX-53	646	2325	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2290	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2285	NA	NA
AMD Athlon 64 FX-59	715	2293	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1978	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1837	NA	NA
AMD Athlon 64 FX-72	1794	1716	NA	NA
AMD Athlon 64 FX-74	1495	1873	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2172	NA	NA
AMD Athlon 64 X2 4200+	1285	1974	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2144	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	967	2163	16.12	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1000	2137	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1040	2114	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1097	2079	8.44	\$129.95
AMD Athlon 64 X2 Dual Core 4400+	1146	2059	19.10	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1220	2014	3.39	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1252	1997	4.89	\$256.32*
AMD Athlon 64 X2 Dual Core 5000+	1313	1954	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1382	1919	26.04	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1447	1891	27.31	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1484	1877	9.90	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1852	61.17	\$24.99*
AMD Athlon 64 X2 Dual Core 6000+	1604	1823	49.36	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1790	1720	6.89	\$259.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core BE-230	1095	2083	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2094	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2112	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2237	28.02	\$29.97
AMD Athlon 64 X2 Dual Core TK-55	839	2238	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2160	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2217	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2249	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2218	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	924	2195	NA	NA
AMD Athlon 64 X2 QL-60	918	2201	NA	NA
AMD Athlon 64 X2 QL-62	1011	2131	NA	NA
AMD Athlon 64 X2 QL-64	991	2149	NA	NA
AMD Athlon 64 X2 QL-65	1051	2109	NA	NA
AMD Athlon 64 X2 QL-66	947	2178	NA	NA
AMD Athlon 64 X2 QL-67	1006	2134	NA	NA
AMD Athlon 64 X2 TK-55	955	2173	NA	NA
AMD Athlon 64 X2 TK-57	988	2151	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 200GE	4960	801	82.68	\$59.99
AMD Athlon 240GE	5301	742	73.65	\$71.99
AMD Athlon 1500+	294	2645	NA	NA
AMD Athlon 1640B	667	2317	13.34	\$50.00*
AMD Athlon 2000+	390	2534	NA	NA
AMD Athlon 2100+	412	2497	NA	NA
AMD Athlon 2200+	363	2564	4.55	\$79.99*
AMD Athlon 2400+	462	2447	NA	NA
AMD Athlon 2500+	374	2545	2.04	\$183.99*
AMD Athlon 2600+	444	2466	4.23	\$104.95*
AMD Athlon 2650e	409	2501	21.56	\$19.00*
AMD Athlon 2800+	447	2463	3.20	\$139.95*
AMD Athlon 2850e	504	2408	NA	NA
AMD Athlon 3100+	485	2426	NA	NA
AMD Athlon 3200+	458	2452	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	1968	76.13	\$16.98*
AMD Athlon 5150 APU	2103	1576	13.15	\$159.95
AMD Athlon 5200 Dual-Core	1248	2000	20.99	\$59.48
AMD Athlon 5350 APU	2605	1380	7.70	\$338.46*
AMD Athlon 5370 APU	2901	1288	45.54	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1890	NA	NA
AMD Athlon 7550 Dual-Core	1460	1885	24.34	\$60.00
AMD Athlon 7750 Dual-Core	1570	1838	19.89	\$79.00*
AMD Athlon 7850 Dual-Core	1713	1757	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2655	NA	NA
AMD Athlon Dual Core 4050e	1086	2089	NA	NA
AMD Athlon Dual Core 4450B	1162	2048	37.49	\$31.00*
AMD Athlon Dual Core 4450e	1105	2077	NA	NA
AMD Athlon Dual Core 4850B	1391	1915	NA	NA
AMD Athlon Dual Core 4850e	1312	1955	33.65	\$39.00*
AMD Athlon Dual Core 5000B	1300	1961	13.69	\$95.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 5050e	1347	1939	22.45	\$60.00*
AMD Athlon Dual Core 5200B	1319	1953	NA	NA
AMD Athlon Dual Core 5400B	1411	1907	NA	NA
AMD Athlon Dual Core 5600B	1304	1959	NA	NA
AMD Athlon II 160u	560	2371	18.68	\$29.99*
AMD Athlon II 170u	625	2337	20.89	\$29.95*
AMD Athlon II Dual-Core M300	1115	2067	NA	NA
AMD Athlon II Dual-Core M320	1140	2061	38.01	\$30.00*
AMD Athlon II Dual-Core M340	1056	2107	NA	NA
AMD Athlon II N330 Dual-Core	1154	2052	NA	NA
AMD Athlon II N350 Dual-Core	1247	2002	NA	NA
AMD Athlon II N370 Dual-Core	1559	1841	NA	NA
AMD Athlon II Neo K125	472	2437	NA	NA
AMD Athlon II Neo K145	525	2390	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2265	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2229	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2260	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II P320 Dual-Core	1216	2015	40.62	\$29.95
AMD Athlon II P340 Dual-Core	1249	1999	27.81	\$44.95*
AMD Athlon II P360 Dual-Core	1319	1952	54.98	\$24.00*
AMD Athlon II X2 210e	1486	1875	NA	NA
AMD Athlon II X2 215	1574	1836	131.29	\$11.99*
AMD Athlon II X2 220	1632	1805	50.72	\$32.19
AMD Athlon II X2 225	1526	1853	NA	NA
AMD Athlon II X2 235e	1658	1793	9.12	\$181.88*
AMD Athlon II X2 240	1645	1798	47.08	\$34.95
AMD Athlon II X2 240e	1698	1767	48.60	\$34.95*
AMD Athlon II X2 245	1657	1794	47.43	\$34.95*
AMD Athlon II X2 245e	1706	1762	21.33	\$80.00*
AMD Athlon II X2 250	1742	1738	44.73	\$38.95
AMD Athlon II X2 250e	1939	1646	25.28	\$76.73*
AMD Athlon II X2 250u	1000	2138	28.64	\$34.95*
AMD Athlon II X2 255	1842	1697	28.25	\$65.22*
AMD Athlon II X2 260	1873	1680	93.71	\$19.99*
AMD Athlon II X2 260u	1107	2075	13.28	\$83.44*
AMD Athlon II X2 265	1890	1672	22.81	\$82.88*
AMD Athlon II X2 270	1981	1626	82.59	\$23.99*
AMD Athlon II X2 270u	1350	1937	19.96	\$67.67*
AMD Athlon II X2 280	2128	1565	21.28	\$99.99*
AMD Athlon II X2 4300e	1350	1936	NA	NA
AMD Athlon II X2 4400e	1616	1814	NA	NA
AMD Athlon II X2 4450e	1504	1868	NA	NA
AMD Athlon II X2 B22	1709	1761	38.95	\$43.89
AMD Athlon II X2 B24	1772	1724	44.36	\$39.95*
AMD Athlon II X2 B26	1897	1668	54.28	\$34.95*
AMD Athlon II X2 B28	2085	1584	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1616	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1608	25.32	\$79.99*
AMD Athlon II X3 415e	2247	1520	29.97	\$75.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 420e	2285	1500	19.68	\$116.15*
AMD Athlon II X3 425	2316	1484	33.12	\$69.93
AMD Athlon II X3 425e	2239	1524	NA	NA
AMD Athlon II X3 435	2475	1431	35.36	\$69.99
AMD Athlon II X3 440	2568	1395	95.18	\$26.99*
AMD Athlon II X3 445	2573	1393	28.28	\$91.00*
AMD Athlon II X3 450	2620	1374	74.98	\$34.95
AMD Athlon II X3 455	2769	1328	34.83	\$79.51
AMD Athlon II X3 460	2863	1298	73.45	\$38.99*
AMD Athlon II X4 553	3814	1020	NA	NA
AMD Athlon II X4 555	3830	1017	NA	NA
AMD Athlon II X4 559	4142	954	NA	NA
AMD Athlon II X4 600e	2453	1436	18.84	\$130.23*
AMD Athlon II X4 605e	2750	1338	27.01	\$101.80*
AMD Athlon II X4 610e	2790	1322	39.87	\$69.99*
AMD Athlon II X4 615e	2901	1287	49.17	\$59.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 620	2935	1270	41.95	\$69.99
AMD Athlon II X4 620e	2906	1282	NA	NA
AMD Athlon II X4 630	3134	1206	72.91	\$42.99*
AMD Athlon II X4 631 Quad-Core	3153	1203	39.42	\$80.00*
AMD Athlon II X4 635	3239	1171	46.32	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1183	120.73	\$26.49*
AMD Athlon II X4 640	3313	1150	13.81	\$239.95
AMD Athlon II X4 641 Quad-Core	3346	1141	36.57	\$91.50*
AMD Athlon II X4 645	3474	1108	43.46	\$79.95
AMD Athlon II X4 650	3482	1105	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3575	1082	20.08	\$178.04*
AMD Athlon II X4 655	2998	1250	NA	NA
AMD Athlon II X4 6400e	2594	1384	NA	NA
AMD Athlon L110	306	2622	NA	NA
AMD Athlon LE-1600	567	2369	27.04	\$21.00*
AMD Athlon LE-1620	572	2366	31.80	\$18.00*
AMD Athlon LE-1640	627	2336	NA	NA
AMD Athlon LE-1660	688	2309	NA	NA
AMD Athlon MP	230	2726	4.20	\$54.95*
AMD Athlon MP 1700+	339	2587	NA	NA
AMD Athlon MP 2400+	436	2477	NA	NA
AMD Athlon MP 2800+	497	2411	NA	NA
AMD Athlon Neo MV-40	409	2502	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2135	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2264	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2242	NA	NA
AMD Athlon PRO 200GE	5204	750	NA	NA
AMD Athlon QI-46	473	2436	NA	NA
AMD Athlon TF-20	413	2495	NA	NA
AMD Athlon TF-36	395	2524	NA	NA
AMD Athlon X2 215	1543	1847	NA	NA
AMD Athlon X2 235e	1806	1711	NA	NA
AMD Athlon X2 240	1602	1824	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 240e	1670	1785	NA	NA
AMD Athlon X2 250	1696	1770	NA	NA
AMD Athlon X2 255	1627	1808	NA	NA
AMD Athlon X2 280	2303	1491	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1911	1660	38.23	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1519	NA	NA
AMD Athlon X2 440	1424	1900	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2263	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2140	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2198	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2071	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2016	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1998	NA	NA
AMD Athlon X2 Dual Core L310	644	2327	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2132	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X3 425	2191	1541	NA	NA
AMD Athlon X3 435	2574	1391	26.96	\$95.49*
AMD Athlon X3 440	2078	1588	23.62	\$87.99*
AMD Athlon X3 445	2314	1485	NA	NA
AMD Athlon X3 450	3064	1228	38.80	\$78.99*
AMD Athlon X3 455	2401	1457	NA	NA
AMD Athlon X4 605e	2505	1421	NA	NA
AMD Athlon X4 620	2861	1299	47.74	\$59.95
AMD Athlon X4 635	2891	1292	23.71	\$121.99*
AMD Athlon X4 640	3172	1189	NA	NA
AMD Athlon X4 740 Quad Core	4010	976	14.48	\$277.00*
AMD Athlon X4 750 Quad Core	4551	872	NA	NA
AMD Athlon X4 750K Quad Core	4252	933	55.23	\$76.99*
AMD Athlon X4 760K Quad Core	4595	867	109.45	\$41.99
AMD Athlon X4 830	4701	844	NA	NA
AMD Athlon X4 840	5044	785	64.06	\$78.74*
AMD Athlon X4 845	5421	721	102.05	\$53.13
AMD Athlon X4 860K	5425	720	99.56	\$54.50
AMD Athlon X4 870K	5327	738	74.56	\$71.46
AMD Athlon X4 880K	5539	701	55.40	\$99.99
AMD Athlon X4 950	5261	744	65.29	\$80.59
AMD Athlon XP1600+	281	2667	NA	NA
AMD Athlon XP1900+	353	2572	NA	NA
AMD Athlon XP2100+	287	2657	NA	NA
AMD Athlon XP2200+	401	2515	NA	NA
AMD Athlon XP2400+	374	2546	NA	NA
AMD Athlon XP 1500	282	2666	NA	NA
AMD Athlon XP 1500+	257	2697	NA	NA
AMD Athlon XP 1600+	267	2687	NA	NA
AMD Athlon XP 1700	344	2583	NA	NA
AMD Athlon XP 1700+	271	2683	NA	NA
AMD Athlon XP 1800+	300	2632	5.10	\$58.95*
AMD Athlon XP 1900+	312	2615	NA	NA
AMD Athlon XP 2000+	299	2633	12.00	\$24.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2100+	323	2599	NA	NA
AMD Athlon XP 2200+	328	2598	3.87	\$84.95*
AMD Athlon XP 2300+	464	2444	NA	NA
AMD Athlon XP 2400+	360	2566	4.01	\$89.99*
AMD Athlon XP 2500+	355	2569	NA	NA
AMD Athlon XP 2600+	372	2550	16.18	\$23.03*
AMD Athlon XP 2700+	393	2527	4.64	\$84.79*
AMD Athlon XP 2800+	400	2517	NA	NA
AMD Athlon XP 2900+	424	2491	NA	NA
AMD Athlon XP 3000+	402	2514	5.05	\$79.70*
AMD Athlon XP 3100+	433	2482	NA	NA
AMD Athlon XP 3200+	434	2481	NA	NA
AMD Athlon XP 3400+	570	2368	NA	NA
AMD Athlon XP Pro3+	367	2557	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP-M	541	2381	15.48	\$34.95*
AMD C-30	310	2617	NA	NA
AMD C-50	461	2448	NA	NA
AMD C-60	466	2441	NA	NA
AMD C-60 APU	544	2378	NA	NA
AMD C-70 APU	559	2372	NA	NA
AMD E1 Micro-6200T APU	960	2170	NA	NA
AMD E1-1200 APU	657	2321	NA	NA
AMD E1-1500 APU	688	2308	NA	NA
AMD E1-2100 APU	639	2331	NA	NA
AMD E1-2200 APU	767	2268	NA	NA
AMD E1-2500 APU	889	2214	NA	NA
AMD E1-6010 APU	859	2224	NA	NA
AMD E1-6015 APU	895	2213	NA	NA
AMD E1-7010 APU	998	2139	NA	NA
AMD E2-1800 APU	816	2248	NA	NA
AMD E2-2000 APU	825	2243	NA	NA
AMD E2-3000 APU	1094	2085	NA	NA
AMD E2-3000M APU	1095	2084	54.76	\$20.00*
AMD E2-3200 APU	1394	1913	174.54	\$7.99*
AMD E2-3800 APU	1635	1804	NA	NA
AMD E2-6110 APU	1906	1661	NA	NA
AMD E2-7110 APU	2277	1505	NA	NA
AMD E2-9000	1636	1802	NA	NA
AMD E2-9000e	1345	1940	NA	NA
AMD E2-9010	1745	1736	NA	NA
AMD E2-9030	1515	1863	NA	NA
AMD E-240	314	2612	NA	NA
AMD E-300 APU	610	2343	NA	NA
AMD E-350	747	2279	NA	NA
AMD E-350 APU	761	2271	NA	NA
AMD E-350D APU	726	2287	NA	NA
AMD E-450 APU	767	2269	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1728	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1582	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded G-Series GX-420GI Radeon R7E	2514	1415	NA	NA
AMD Embedded R-Series RX-216GD	2409	1452	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	776	NA	NA
AMD Embedded R-Series RX-421BD	4635	856	NA	NA
AMD EPYC 7251 8-Core	11344	220	22.47	\$504.99
AMD EPYC 7351P	15820	114	18.86	\$838.80
AMD EPYC 7371	21976	28	NA	NA
AMD EPYC 7401P	19555	56	17.20	\$1,136.82
AMD EPYC 7501	18942	63	4.37	\$4,333.69

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 7551	18483	68	3.98	\$4,648.48
AMD EPYC 7551P	18359	69	7.92	\$2,316.99
AMD FirePro A320 APU	4540	878	NA	NA
AMD FX-670K Quad-Core	4550	873	NA	NA
AMD FX-770K Quad-Core	4797	830	NA	NA
AMD FX-870K Quad Core	5105	763	NA	NA
AMD FX-4100 Quad-Core	4068	966	31.30	\$129.99*
AMD FX-4130 Quad-Core	4164	951	54.80	\$75.99*
AMD FX-4150 Quad-Core	4594	868	NA	NA
AMD FX-4170 Quad-Core	4866	817	48.67	\$99.99*
AMD FX-4200 Quad-Core	4235	937	18.56	\$228.21*
AMD FX-4300 Quad-Core	4688	847	101.93	\$46.00
AMD FX-4320	5009	792	NA	NA
AMD FX-4330	5321	740	NA	NA
AMD FX-4350 Quad-Core	5341	735	23.22	\$229.99*
AMD FX-6100 Six-Core	5386	726	21.29	\$253.00
AMD FX-6120 Six-Core	5731	677	NA	NA
AMD FX-6130 Six-Core	6215	625	NA	NA
AMD FX-6200 Six-Core	6126	636	18.02	\$339.95
AMD FX-6300 Six-Core	6387	611	93.95	\$67.99
AMD FX-6330 Six-Core	6916	559	NA	NA
AMD FX-6350 Six-Core	7000	550	53.86	\$129.99
AMD FX-7500 APU	3207	1180	NA	NA
AMD FX-7600P	4051	968	NA	NA
AMD FX-7600P APU	4627	858	NA	NA
AMD FX-8100 Eight-Core	5982	647	42.13	\$142.00*
AMD FX-8120 Eight-Core	6599	591	66.00	\$99.99*
AMD FX-8140 Eight-Core	6133	633	NA	NA
AMD FX-8150 Eight-Core	7631	493	5.28	\$1,445.01*
AMD FX-8300 Eight-Core	7730	483	85.21	\$90.72
AMD FX-8310 Eight-Core	7761	478	NA	NA
AMD FX-8320 Eight-Core	8020	456	86.26	\$92.98
AMD FX-8320E Eight-Core	7546	498	78.61	\$96.00
AMD FX-8350 Eight-Core	8947	383	149.16	\$59.99
AMD FX-8370 Eight-Core	9027	374	54.18	\$166.61
AMD FX-8370E Eight-Core	7802	474	37.15	\$210.05
AMD FX-8800P	4135	957	NA	NA
AMD FX-9370 Eight-Core	9450	335	52.83	\$178.89
AMD FX-9590 Eight-Core	10197	269	63.75	\$159.95
AMD FX-9800P	3977	985	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-9830P	4741	839	NA	NA
AMD FX-B4150 Quad-Core	4611	864	NA	NA
AMD G-T40E	467	2440	NA	NA
AMD G-T40N	516	2397	NA	NA
AMD G-T40R	203	2753	NA	NA
AMD G-T44R	227	2728	NA	NA
AMD G-T48E	724	2288	NA	NA
AMD G-T52R	308	2619	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	2276	NA	NA
AMD G-T56N	788	2261	NA	NA
AMD Geode NX	264	2690	NA	NA
AMD Geode NX 1750	291	2646	NA	NA
AMD GX-210JA SOC	401	2516	NA	NA
AMD GX-212JC SOC	744	2281	NA	NA
AMD GX-217GA SOC	1103	2078	NA	NA
AMD GX-218GL SOC	1115	2066	NA	NA
AMD GX-222GC SOC	1255	1995	NA	NA
AMD GX-412HC	1497	1872	NA	NA
AMD GX-415GA SOC	1946	1642	NA	NA
AMD GX-420CA SOC	2412	1450	NA	NA
AMD GX-424CC SOC	2491	1425	NA	NA
AMD K7	403	2511	NA	NA
AMD Opteron 140	396	2522	0.56	\$710.00*
AMD Opteron 142	428	2487	NA	NA
AMD Opteron 144	486	2423	7.48	\$65.00*
AMD Opteron 146	532	2387	8.87	\$59.99*
AMD Opteron 148	603	2349	NA	NA
AMD Opteron 150	604	2347	NA	NA
AMD Opteron 152	658	2319	NA	NA
AMD Opteron 154	703	2302	NA	NA
AMD Opteron 165	899	2211	1.47	\$610.00*
AMD Opteron 170	1097	2080	NA	NA
AMD Opteron 175	1167	2044	NA	NA
AMD Opteron 180	1234	2006	9.50	\$129.95*
AMD Opteron 185	1360	1932	NA	NA
AMD Opteron 246	632	2334	31.62	\$19.99
AMD Opteron 248	476	2434	4.77	\$99.95
AMD Opteron 250	649	2324	59.01	\$11.00*
AMD Opteron 252	760	2273	12.00	\$63.36*
AMD Opteron 254	693	2305	NA	NA
AMD Opteron 256	963	2167	50.72	\$19.00*
AMD Opteron 265	963	2168	6.02	\$159.95*
AMD Opteron 270	1083	2093	1.78	\$607.47*
AMD Opteron 275	1291	1970	19.87	\$64.99
AMD Opteron 280	1272	1984	1.60	\$796.67*
AMD Opteron 285	1470	1881	NA	NA
AMD Opteron 290	1464	1884	10.85	\$135.00*
AMD Opteron 1210	923	2196	NA	NA
AMD Opteron 1210 HE	971	2159	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1212	1009	2133	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1957	NA	NA
AMD Opteron 1214	1191	2029	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1962	NA	NA
AMD Opteron 1216	1311	1956	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2041	NA	NA
AMD Opteron 1218	1468	1882	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	1892	NA	NA
AMD Opteron 1220	1653	1796	NA	NA
AMD Opteron 1222	1757	1730	NA	NA
AMD Opteron 1352	2316	1483	17.04	\$135.99*
AMD Opteron 1354	2630	1371	8.49	\$309.97*
AMD Opteron 1356	2765	1331	30.73	\$89.99*
AMD Opteron 1381	3065	1227	NA	NA
AMD Opteron 2212	1270	1987	105.89	\$12.00*
AMD Opteron 2214	1358	1933	46.85	\$29.00
AMD Opteron 2214 HE	1415	1905	NA	NA
AMD Opteron 2216	1518	1861	66.00	\$23.00
AMD Opteron 2218	1594	1829	49.18	\$32.42*
AMD Opteron 2220	1701	1766	1.15	\$1,475.16*
AMD Opteron 2220 SE	1398	1910	55.92	\$25.00*
AMD Opteron 2222	1843	1696	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1654	NA	NA
AMD Opteron 2350	2820	1308	10.45	\$269.99*
AMD Opteron 2356	2814	1312	188.25	\$14.95
AMD Opteron 2373 EE	2789	1323	NA	NA
AMD Opteron 2374 HE	2951	1265	15.53	\$189.99*
AMD Opteron 2376	2283	1502	13.69	\$166.81*
AMD Opteron 2378	3179	1188	17.76	\$179.00*
AMD Opteron 2380	2640	1368	105.64	\$25.00*
AMD Opteron 2384	3538	1092	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1093	NA	NA
AMD Opteron 2393 SE	2246	1521	NA	NA
AMD Opteron 2427	3069	1225	31.00	\$99.00
AMD Opteron 2431	4516	882	112.91	\$40.00
AMD Opteron 2435	4708	843	24.91	\$189.00
AMD Opteron 3260 HE	3259	1161	NA	NA
AMD Opteron 3280	5403	723	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1358	NA	NA
AMD Opteron 3350 HE	4009	977	NA	NA
AMD Opteron 3365	5963	650	NA	NA
AMD Opteron 3380	6384	613	7.89	\$809.00*
AMD Opteron 4122	2942	1267	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1192	NA	NA
AMD Opteron 4170 HE	3664	1062	62.11	\$59.00*
AMD Opteron 4184	4418	903	8.50	\$519.95*
AMD Opteron 4280	6430	606	128.63	\$49.99*
AMD Opteron 4284	6660	585	111.03	\$59.99
AMD Opteron 4332 HE	5614	691	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4334	6099	639	28.18	\$216.42*
AMD Opteron 4365 EE	5025	788	NA	NA
AMD Opteron 4386	6761	574	48.30	\$139.99
AMD Opteron 6128	4505	884	214.63	\$20.99
AMD Opteron 6134	2938	1268	66.81	\$43.99
AMD Opteron 6136	4631	857	42.10	\$110.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6164 HE	5351	731	NA	NA
AMD Opteron 6174	6171	629	62.34	\$99.00
AMD Opteron 6176 SE	5465	712	34.37	\$159.00
AMD Opteron 6212	5776	672	192.62	\$29.99*
AMD Opteron 6220	6785	569	113.11	\$59.99*
AMD Opteron 6234	5938	655	84.84	\$69.99*
AMD Opteron 6238	7673	489	127.92	\$59.99
AMD Opteron 6272	6748	576	112.50	\$59.99
AMD Opteron 6274	4865	819	20.36	\$239.00
AMD Opteron 6276	9011	375	47.94	\$187.99
AMD Opteron 6282 SE	9116	365	70.13	\$129.99*
AMD Opteron 6287 SE	9789	306	NA	NA
AMD Opteron 6328	7813	473	39.07	\$199.99
AMD Opteron 6366 HE	7503	502	37.52	\$199.99*
AMD Opteron 6376	9414	341	144.84	\$65.00
AMD Opteron 6378	2152	1553	10.76	\$199.99
AMD Opteron 6380	10081	280	100.83	\$99.99
AMD Opteron 6386 SE	10748	241	71.66	\$149.99
AMD Opteron 8354	2255	1517	102.52	\$22.00
AMD Opteron 8439 SE	3813	1021	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1229	NA	NA
AMD Opteron X3216 APU	2368	1471	NA	NA
AMD Opteron X3421 APU	4899	811	NA	NA
AMD Phenom 2 X4 12000	3005	1247	NA	NA
AMD Phenom 7950 Quad-Core	2991	1251	NA	NA
AMD Phenom 8250 Triple-Core	1644	1799	NA	NA
AMD Phenom 8250e Triple-Core	1619	1813	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1631	1807	NA	NA
AMD Phenom 8450 Triple-Core	1888	1675	63.05	\$29.95*
AMD Phenom 8450e Triple-Core	2040	1600	NA	NA
AMD Phenom 8600 Triple-Core	1713	1756	32.33	\$52.99*
AMD Phenom 8600B Triple-Core	1915	1656	36.15	\$52.99*
AMD Phenom 8650 Triple-Core	1988	1623	39.78	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1595	NA	NA
AMD Phenom 8750B Triple-Core	2034	1604	NA	NA
AMD Phenom 8850 Triple-Core	2026	1607	NA	NA
AMD Phenom 8850B Triple-Core	2080	1587	NA	NA
AMD Phenom 9100e Quad-Core	1835	1701	45.96	\$39.95*
AMD Phenom 9150e Quad-Core	2114	1571	52.92	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1481	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1373	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2202	1537	75.98	\$28.99*
AMD Phenom 9550 Quad-Core	2543	1404	87.73	\$28.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9600 Quad-Core	2305	1488	46.16	\$49.95*
AMD Phenom 9600B Quad-Core	2573	1392	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2635	1369	47.97	\$54.95*
AMD Phenom 9750 Quad-Core	2811	1314	95.34	\$29.49*
AMD Phenom 9750B Quad-Core	2709	1349	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9850 Quad-Core	2892	1291	24.11	\$119.99
AMD Phenom 9850B Quad-Core	3160	1199	NA	NA
AMD Phenom 9950 Quad-Core	3013	1242	22.32	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1413	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1266	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1069	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1102	NA	NA
AMD Phenom II N620 Dual-Core	1679	1779	420.83	\$3.99*
AMD Phenom II N640 Dual-Core	1716	1752	26.43	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1691	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1365	NA	NA
AMD Phenom II N830 Triple-Core	1890	1673	NA	NA
AMD Phenom II N850 Triple-Core	1937	1647	77.50	\$25.00*
AMD Phenom II N870 Triple-Core	1988	1622	NA	NA
AMD Phenom II N930 Quad-Core	2274	1508	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1428	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2523	1411	16.82	\$149.99*
AMD Phenom II P650 Dual-Core	1597	1828	45.66	\$35.00*
AMD Phenom II P820 Triple-Core	1604	1821	NA	NA
AMD Phenom II P840 Triple-Core	1741	1740	NA	NA
AMD Phenom II P860 Triple-Core	1759	1727	NA	NA
AMD Phenom II P920 Quad-Core	1866	1684	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1708	NA	NA
AMD Phenom II P960 Quad-Core	2084	1585	74.45	\$28.00*
AMD Phenom II X2 511	2104	1575	NA	NA
AMD Phenom II X2 521	2071	1590	NA	NA
AMD Phenom II X2 545	1914	1657	21.28	\$89.96
AMD Phenom II X2 550	2022	1609	21.45	\$94.32
AMD Phenom II X2 555	2046	1599	20.74	\$98.67
AMD Phenom II X2 560	2058	1596	51.47	\$39.99
AMD Phenom II X2 565	2211	1533	73.73	\$29.99*
AMD Phenom II X2 570	1960	1636	NA	NA
AMD Phenom II X2 B53	1709	1760	NA	NA
AMD Phenom II X2 B55	1916	1655	39.92	\$48.00*
AMD Phenom II X2 B57	1826	1705	NA	NA
AMD Phenom II X2 B59	2154	1552	107.85	\$19.98*
AMD Phenom II X3 700e	2285	1501	NA	NA
AMD Phenom II X3 705e	2227	1527	14.63	\$152.34*
AMD Phenom II X3 710	2446	1439	28.94	\$84.53*
AMD Phenom II X3 715	2649	1367	31.17	\$84.99*
AMD Phenom II X3 720	2672	1359	21.87	\$122.19
AMD Phenom II X3 740	2985	1253	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1343	36.47	\$75.00*
AMD Phenom II X3 B75	2929	1273	73.25	\$39.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 B77	3067	1226	137.64	\$22.29*
AMD Phenom II X4 805	3001	1249	17.25	\$173.99*
AMD Phenom II X4 810	3124	1208	26.94	\$115.99*
AMD Phenom II X4 820	3400	1124	45.37	\$74.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 830	3434	1117	42.96	\$79.95*
AMD Phenom II X4 840	3507	1097	39.00	\$89.95*
AMD Phenom II X4 840T	3599	1074	51.43	\$69.99*
AMD Phenom II X4 850	3546	1089	54.57	\$64.99*
AMD Phenom II X4 900e	2882	1295	NA	NA
AMD Phenom II X4 905e	3086	1220	57.17	\$53.99*
AMD Phenom II X4 910	3252	1165	32.52	\$100.00*
AMD Phenom II X4 910e	3253	1163	20.72	\$156.99*
AMD Phenom II X4 920	3393	1130	50.65	\$66.99
AMD Phenom II X4 925	3421	1119	77.78	\$43.99*
AMD Phenom II X4 940	3592	1075	60.55	\$59.34*
AMD Phenom II X4 945	3656	1064	53.68	\$68.11
AMD Phenom II X4 955	3928	998	30.18	\$130.16*
AMD Phenom II X4 960T	3787	1028	59.19	\$63.99*
AMD Phenom II X4 965	4188	946	72.22	\$58.00
AMD Phenom II X4 970	4323	924	29.19	\$148.11*
AMD Phenom II X4 973	3759	1035	NA	NA
AMD Phenom II X4 975	4459	893	31.93	\$139.69*
AMD Phenom II X4 977	3750	1039	NA	NA
AMD Phenom II X4 980	4493	888	19.54	\$229.99
AMD Phenom II X4 8700e	2377	1465	NA	NA
AMD Phenom II X4 B05e	2792	1320	NA	NA
AMD Phenom II X4 B15e	2736	1342	NA	NA
AMD Phenom II X4 B25	3330	1145	NA	NA
AMD Phenom II X4 B35	3383	1133	NA	NA
AMD Phenom II X4 B40	3376	1135	NA	NA
AMD Phenom II X4 B45	3470	1110	NA	NA
AMD Phenom II X4 B50	3700	1054	NA	NA
AMD Phenom II X4 B55	3859	1008	NA	NA
AMD Phenom II X4 B60	4043	970	NA	NA
AMD Phenom II X4 B65	4177	949	NA	NA
AMD Phenom II X4 B70	4261	932	NA	NA
AMD Phenom II X4 B93	3358	1138	NA	NA
AMD Phenom II X4 B95	3684	1059	50.50	\$72.95*
AMD Phenom II X4 B97	3865	1006	67.82	\$56.99*
AMD Phenom II X4 B99	4130	959	NA	NA
AMD Phenom II X6 1035T	4652	851	24.62	\$189.00*
AMD Phenom II X6 1045T	4809	826	44.53	\$108.01*
AMD Phenom II X6 1055T	4962	800	33.08	\$149.99
AMD Phenom II X6 1065T	5049	782	NA	NA
AMD Phenom II X6 1075T	5338	736	47.25	\$112.99*
AMD Phenom II X6 1090T	5575	696	14.08	\$396.08*
AMD Phenom II X6 1100T	5721	678	28.90	\$197.99
AMD Phenom II X6 1405T	5042	786	NA	NA
AMD Phenom II X620 Dual-Core	2189	1542	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X640 Dual-Core	2021	1610	NA	NA
AMD Phenom II X920 Quad-Core	2650	1366	NA	NA
AMD Phenom II X940 Quad-Core	2695	1352	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom Ultra X4 24500	3945	995	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1769	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1534	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1734	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2035	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1896	NA	NA
AMD Phenom X3 8550	1922	1653	11.31	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1729	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1619	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1525	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1290	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1347	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1354	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2020	NA	NA
AMD PRO A4-3350B APU	2274	1509	NA	NA
AMD PRO A4-8350B	2791	1321	NA	NA
AMD PRO A6-7350B	2759	1334	NA	NA
AMD PRO A6-8500B	2516	1414	NA	NA
AMD PRO A6-8530B	2388	1461	NA	NA
AMD PRO A6-8550B	2985	1254	NA	NA
AMD PRO A6-8570	3049	1235	NA	NA
AMD PRO A6-8570E	2824	1306	NA	NA
AMD PRO A6-9500	3239	1172	43.77	\$74.00*
AMD PRO A6-9500B	2076	1589	NA	NA
AMD PRO A6-9500E	2761	1333	37.31	\$74.00*
AMD PRO A8-8600B	3544	1090	NA	NA
AMD PRO A8-8650B	5426	719	NA	NA
AMD PRO A8-8670E	5015	790	NA	NA
AMD PRO A8-9600	5277	743	44.35	\$119.00*
AMD PRO A8-9600B	3979	983	NA	NA
AMD PRO A10-8700B	3583	1080	NA	NA
AMD PRO A10-8730B	3971	988	NA	NA
AMD PRO A10-8750B	5470	711	NA	NA
AMD PRO A10-8770	5707	679	NA	NA
AMD PRO A10-8770E	5045	784	NA	NA
AMD PRO A10-8850B	5852	664	NA	NA
AMD PRO A10-9700	5677	686	33.59	\$169.00*
AMD PRO A10-9700B	4393	906	NA	NA
AMD PRO A10-9700E	5066	777	36.45	\$139.00*
AMD PRO A12-8800B	4137	956	NA	NA
AMD PRO A12-8830B	4325	922	NA	NA
AMD PRO A12-8870	6067	643	NA	NA
AMD PRO A12-8870E	5186	755	NA	NA
AMD PRO A12-9800	6199	626	36.68	\$169.00*
AMD PRO A12-9800B	4132	958	NA	NA
AMD PRO A12-9800E	4769	834	28.22	\$169.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD QC-4000	1663	1789	NA	NA
AMD R-260H APU	1576	1834	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD R-460L APU	1954	1639	NA	NA
AMD R-464L APU	3117	1211	NA	NA
AMD RX-427BB	4333	919	NA	NA
AMD Ryzen 3 1200	6748	577	74.99	\$89.99
AMD Ryzen 3 1300X	7496	503	54.69	\$137.08
AMD Ryzen 3 2200G	7319	523	77.05	\$94.99
AMD Ryzen 3 2200GE	6861	564	NA	NA
AMD Ryzen 3 2200U	4515	883	NA	NA
AMD Ryzen 3 2300U	5945	652	NA	NA
AMD Ryzen 3 2300X	9011	376	NA	NA
AMD Ryzen 3 PRO 1200	7069	545	NA	NA
AMD Ryzen 3 PRO 1300	8022	455	NA	NA
AMD Ryzen 3 PRO 2200G	8060	451	NA	NA
AMD Ryzen 3 PRO 2200GE	7743	479	NA	NA
AMD Ryzen 3 PRO 2300U	7148	537	NA	NA
AMD Ryzen 5 1400	8374	423	57.76	\$144.99
AMD Ryzen 5 1500X	10080	281	69.52	\$144.99
AMD Ryzen 5 1600	12270	199	81.83	\$149.95
AMD Ryzen 5 1600X	13225	174	80.56	\$164.16
AMD Ryzen 5 2400G	9273	353	61.83	\$149.99
AMD Ryzen 5 2400GE	7932	462	NA	NA
AMD Ryzen 5 2500U	7321	522	NA	NA
AMD Ryzen 5 2600	13526	169	81.99	\$164.99
AMD Ryzen 5 2600X	14367	144	71.84	\$199.99
AMD Ryzen 5 PRO 1500	10118	276	NA	NA
AMD Ryzen 5 PRO 1600	12213	201	NA	NA
AMD Ryzen 5 PRO 2400G	10046	283	NA	NA
AMD Ryzen 5 PRO 2400GE	9376	344	NA	NA
AMD Ryzen 5 PRO 2500U	8786	397	NA	NA
AMD Ryzen 5 PRO 2600	14645	134	NA	NA
AMD Ryzen 7 1700	13743	161	80.85	\$169.99
AMD Ryzen 7 1700X	14675	133	77.24	\$189.99
AMD Ryzen 7 1800X	15402	119	55.76	\$276.25
AMD Ryzen 7 2700	15002	129	57.71	\$259.95
AMD Ryzen 7 2700U	7329	519	NA	NA
AMD Ryzen 7 2700X	16986	83	54.80	\$309.99
AMD Ryzen 7 2800H	8498	416	NA	NA
AMD Ryzen 7 PRO 1700	14171	148	NA	NA
AMD Ryzen 7 PRO 1700X	15349	120	NA	NA
AMD Ryzen 7 PRO 2700	15897	111	NA	NA
AMD Ryzen 7 PRO 2700U	9004	378	NA	NA
AMD Ryzen 7 PRO 2700X	17276	79	NA	NA
AMD Ryzen Embedded V1202B	5051	781	NA	NA
AMD Ryzen Embedded V1605B	7667	491	NA	NA
AMD Ryzen Embedded V1807B	7185	534	NA	NA
AMD Ryzen Threadripper 1900X	16020	106	50.64	\$316.38
AMD Ryzen Threadripper 1920X	19366	57	44.46	\$435.56
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Threadripper 1950X	21890	29	39.80	\$549.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Threadripper 2920X	21877	30	33.66	\$649.99
AMD Ryzen Threadripper 2950X	25718	11	29.56	\$869.99
AMD Ryzen Threadripper 2970WX	18950	62	15.79	\$1,199.99
AMD Ryzen Threadripper 2990WX	24152	18	14.21	\$1,699.99
AMD Ryzen Threadripper 2990X	18311	70	NA	NA
AMD Sempron 130	656	2323	26.29	\$24.99*
AMD Sempron 140	735	2283	18.57	\$39.59*
AMD Sempron 145	805	2255	8.49	\$94.92
AMD Sempron 150	707	2298	15.74	\$44.95*
AMD Sempron 200U	267	2686	3.08	\$87.00*
AMD Sempron 210U	391	2532	NA	NA
AMD Sempron 240	2110	1573	36.39	\$58.00
AMD Sempron 2100+	392	2530	NA	NA
AMD Sempron 2200+	281	2670	9.38	\$29.99*
AMD Sempron 2300+	318	2605	7.07	\$45.00*
AMD Sempron 2400+	313	2614	12.06	\$26.00*
AMD Sempron 2500+	335	2589	3.54	\$94.95*
AMD Sempron 2600+	373	2548	10.70	\$34.95
AMD Sempron 2650 APU	946	2179	30.54	\$31.00
AMD Sempron 2800+	383	2536	6.40	\$59.95
AMD Sempron 3000+	409	2503	20.47	\$20.00
AMD Sempron 3100+	452	2457	7.53	\$60.00*
AMD Sempron 3200+	406	2505	3.10	\$131.22*
AMD Sempron 3300+	484	2428	8.07	\$60.00
AMD Sempron 3400+	454	2456	3.46	\$131.22*
AMD Sempron 3500+	379	2539	18.98	\$20.00*
AMD Sempron 3600+	487	2421	40.59	\$12.00*
AMD Sempron 3800+	554	2374	3.62	\$152.92*
AMD Sempron 3850 APU	1716	1753	29.85	\$57.48
AMD Sempron Dual Core 2100	936	2186	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2143	NA	NA
AMD Sempron Dual Core 2300	982	2152	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2177	NA	NA
AMD Sempron Dual Core 4900	1081	2095	NA	NA
AMD Sempron LE-250	490	2415	NA	NA
AMD Sempron LE-1100	438	2474	NA	NA
AMD Sempron LE-1150	445	2464	NA	NA
AMD Sempron LE-1200	528	2388	NA	NA
AMD Sempron LE-1250	541	2380	5.41	\$99.95*
AMD Sempron LE-1300	605	2345	30.28	\$20.00
AMD Sempron LE-1600	535	2385	NA	NA
AMD Sempron LE-1620	635	2332	NA	NA
AMD Sempron LE-1640	759	2274	NA	NA
AMD Sempron M100	558	2373	46.58	\$12.00*
AMD Sempron M120	582	2357	NA	NA
AMD Sempron SI-40	443	2467	36.93	\$12.00*
AMD Sempron SI-42	454	2455	15.16	\$30.01
AMD Sempron X2 180	1222	2012	17.62	\$69.40*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron X2 190	1512	1865	18.12	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1906	NA	NA
AMD Turion 64 Mobile MK-36	465	2442	NA	NA
AMD Turion 64 Mobile MK-38	513	2399	NA	NA
AMD Turion 64 Mobile ML-28	390	2533	NA	NA
AMD Turion 64 Mobile ML-30	402	2513	NA	NA
AMD Turion 64 Mobile ML-32	409	2500	NA	NA
AMD Turion 64 Mobile ML-34	425	2490	NA	NA
AMD Turion 64 Mobile ML-37	442	2468	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2393	NA	NA
AMD Turion 64 Mobile ML-42	615	2341	NA	NA
AMD Turion 64 Mobile ML-44	591	2352	NA	NA
AMD Turion 64 Mobile MT-28	419	2492	NA	NA
AMD Turion 64 Mobile MT-30	378	2540	NA	NA
AMD Turion 64 Mobile MT-32	426	2489	NA	NA
AMD Turion 64 Mobile MT-34	429	2485	NA	NA
AMD Turion 64 Mobile MT-37	484	2427	NA	NA
AMD Turion 64 Mobile MT-40	536	2383	NA	NA
AMD Turion 64 X2 Mobile TL-50	745	2280	14.92	\$49.99*
AMD Turion 64 X2 Mobile TL-52	767	2267	NA	NA
AMD Turion 64 X2 Mobile TL-56	886	2215	44.33	\$20.00*
AMD Turion 64 X2 Mobile TL-58	945	2180	NA	NA
AMD Turion 64 X2 Mobile TL-60	993	2148	45.24	\$21.95
AMD Turion 64 X2 Mobile TL-62	1087	2088	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1095	2081	27.82	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2060	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2046	12.92	\$90.00*
AMD Turion Dual-Core RM-70	904	2209	36.16	\$25.00*
AMD Turion Dual-Core RM-72	860	2222	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2130	NA	NA
AMD Turion Dual-Core RM-75	977	2155	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1294	1967	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1958	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1944	NA	NA
AMD Turion II N530 Dual-Core	1583	1833	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1855	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2156	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2031	NA	NA
AMD Turion II Neo N40L Dual-Core	927	2193	NA	NA
AMD Turion II Neo N54L Dual-Core	1376	1923	NA	NA
AMD Turion II P520 Dual-Core	1357	1934	NA	NA
AMD Turion II P540 Dual-Core	1429	1897	28.62	\$49.95*
AMD Turion II P560 Dual-Core	1514	1864	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	1908	78.98	\$17.81*
AMD Turion II Ultra Dual-Core Mobile M620	1427	1899	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1786	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1850	NA	NA
AMD Turion Neo X2 Dual Core L625	819	2246	NA	NA
AMD Turion X2 Dual Core L510	923	2197	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Dual Core Mobile RM-70	858	2226	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2104	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	994	2146	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1083	2092	4.83	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2103	43.31	\$24.47
AMD Turion X2 Dual-Core Mobile RM-75	1137	2062	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2054	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1023	2126	73.09	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2091	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	2017	94.53	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2008	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1965	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1256	1992	31.44	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2142	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2122	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1889	NA	NA
AMD V105	299	2634	NA	NA
AMD V120	623	2339	NA	NA
AMD V140	642	2330	12.86	\$49.95*
AMD V160	677	2314	NA	NA
AMD Z-01	523	2392	NA	NA
AMD Z-60 APU	500	2410	NA	NA
AMD-K6 3D	90	2810	NA	NA
AMD-K6-III	108	2807	NA	NA
AMD-K7	403	2512	NA	NA
Athlon 64 Dual Core 3800+	1234	2009	NA	NA
Athlon 64 Dual Core 4200+	1156	2051	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	1925	NA	NA
Athlon 64 Dual Core 5000+	1507	1866	NA	NA
Athlon 64 Dual Core 5400+	1614	1816	NA	NA
Athlon 64 Dual Core 5600+	1548	1845	NA	NA
Athlon Dual Core 4050e	968	2162	NA	NA
Athlon Dual Core 4450e	1204	2022	NA	NA
Athlon Dual Core 4850e	1327	1949	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1303	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1084	2090	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1168	2042	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1200	2025	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1276	1981	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2021	NA	NA
HP Hexa-Core 2.0GHz	2178	1544	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2228	NA	NA
Intel 1400 @ 1.83GHz	980	2153	NA	NA
Intel 1500 @ 2.00GHz	1024	2124	NA	NA
Intel Atom 230 @ 1.60GHz	307	2621	NA	NA
Intel Atom 330 @ 1.60GHz	587	2355	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2212	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2169	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C2538 @ 2.40GHz	2085	1583	20.05	\$104.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C2550 @ 2.40GHz	2261	1515	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1547	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	1024	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1143	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1196	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1434	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1406	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	821	14.62	\$332.00*
Intel Atom D410 @ 1.66GHz	301	2630	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2582	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2322	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	705	2300	NA	NA
Intel Atom D2500 @ 1.86GHz	404	2510	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2313	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2294	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2236	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2291	NA	NA
Intel Atom E660 @ 1.30GHz	271	2681	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2579	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2595	2.22	\$149.00
Intel Atom E3825 @ 1.33GHz	579	2361	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2417	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2232	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2047	NA	NA
Intel Atom E3845 @ 1.91GHz	1499	1870	NA	NA
Intel Atom E3940 @ 1.60GHz	1889	1674	NA	NA
Intel Atom E3950 @ 1.60GHz	1855	1689	NA	NA
Intel Atom K510 @ 1.66GHz	658	2320	NA	NA
Intel Atom N270 @ 1.60GHz	268	2685	NA	NA
Intel Atom N280 @ 1.66GHz	283	2663	NA	NA
Intel Atom N435 @ 1.33GHz	261	2693	NA	NA
Intel Atom N450 @ 1.66GHz	296	2641	NA	NA
Intel Atom N455 @ 1.66GHz	283	2662	NA	NA
Intel Atom N470 @ 1.83GHz	307	2620	NA	NA
Intel Atom N475 @ 1.83GHz	314	2610	NA	NA
Intel Atom N550 @ 1.50GHz	526	2389	6.12	\$86.00*
Intel Atom N570 @ 1.66GHz	573	2365	6.67	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2626	NA	NA
Intel Atom N2600 @ 1.60GHz	525	2391	NA	NA
Intel Atom N2800 @ 1.86GHz	627	2335	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2202	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1601	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2253	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1623	1811	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1193	2027	8.98	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1018	2128	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1265	1990	60.28	\$21.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom x5-Z8500 @ 1.44GHz	1695	1771	27.10	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1837	1700	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom x7-Z8700 @ 1.60GHz	1898	1666	25.78	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1903	1663	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2761	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2737	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2740	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2669	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2576	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2537	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2717	NA	NA
Intel Atom Z2760 @ 1.80GHz	565	2370	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2203	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2192	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2208	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2206	NA	NA
Intel Atom Z3736F @ 1.33GHz	919	2199	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	2102	NA	NA
Intel Atom Z3740D @ 1.33GHz	1025	2123	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2098	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1034	2116	NA	NA
Intel Atom Z3770 @ 1.46GHz	1245	2004	8.34	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2256	NA	NA
Intel Atom Z3775 @ 1.46GHz	1259	1991	35.98	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1980	NA	NA
Intel Atom Z3795 @ 1.60GHz	1771	1725	NA	NA
Intel Celeron 1.70GHz	130	2800	NA	NA
Intel Celeron 1.80GHz	136	2797	NA	NA
Intel Celeron 2.00GHz	182	2773	NA	NA
Intel Celeron 2.10GHz	244	2715	NA	NA
Intel Celeron 2.13GHz	208	2748	NA	NA
Intel Celeron 2.20GHz	213	2743	NA	NA
Intel Celeron 2.26GHz	223	2732	NA	NA
Intel Celeron 2.30GHz	227	2729	NA	NA
Intel Celeron 2.40GHz	217	2738	NA	NA
Intel Celeron 2.50GHz	247	2709	NA	NA
Intel Celeron 2.53GHz	245	2713	NA	NA
Intel Celeron 2.60GHz	238	2720	NA	NA
Intel Celeron 2.66GHz	250	2706	NA	NA
Intel Celeron 2.70GHz	245	2714	NA	NA
Intel Celeron 2.80GHz	254	2699	NA	NA
Intel Celeron 2.93GHz	283	2661	NA	NA
Intel Celeron 3.06GHz	285	2658	NA	NA
Intel Celeron 3.20GHz	288	2651	NA	NA
Intel Celeron 3.33GHz	333	2592	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2601	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2604	NA	NA
Intel Celeron 420 @ 1.60GHz	449	2460	2.00	\$225.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 430 @ 1.80GHz	490	2416	16.36	\$29.99
Intel Celeron 440 @ 2.00GHz	546	2375	9.11	\$59.99
Intel Celeron 450 @ 2.20GHz	624	2338	2.78	\$225.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 530 @ 1.73GHz	468	2439	20.37	\$23.00*
Intel Celeron 540 @ 1.86GHz	518	2394	NA	NA
Intel Celeron 550 @ 2.00GHz	515	2398	7.94	\$64.95
Intel Celeron 560 @ 2.13GHz	535	2384	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2395	NA	NA
Intel Celeron 600MHz	147	2793	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2508	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2484	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2277	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2554	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2342	NA	NA
Intel Celeron 847 @ 1.10GHz	937	2185	2.98	\$315.00*
Intel Celeron 847E @ 1.10GHz	1030	2118	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2058	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2039	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1289	1971	NA	NA
Intel Celeron 887 @ 1.50GHz	1274	1983	NA	NA
Intel Celeron 900 @ 2.20GHz	677	2315	23.38	\$28.99
Intel Celeron 925 @ 2.30GHz	695	2304	NA	NA
Intel Celeron 1000M @ 1.80GHz	1677	1780	NA	NA
Intel Celeron 1000MHz	213	2742	NA	NA
Intel Celeron 1005M @ 1.90GHz	1807	1710	NA	NA
Intel Celeron 1007U @ 1.50GHz	1391	1916	7.52	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1520	1857	NA	NA
Intel Celeron 1019Y @ 1.00GHz	931	2189	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1526	NA	NA
Intel Celeron 1037U @ 1.80GHz	1735	1744	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2030	NA	NA
Intel Celeron 1066MHz	259	2694	NA	NA
Intel Celeron 1100MHz	174	2779	NA	NA
Intel Celeron 1133MHz	282	2664	NA	NA
Intel Celeron 1200MHz	244	2716	NA	NA
Intel Celeron 1300MHz	288	2653	NA	NA
Intel Celeron 1333MHz	290	2647	NA	NA
Intel Celeron 1400MHz	302	2627	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1473	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1819	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1997	1618	NA	NA
Intel Celeron 2955U @ 1.40GHz	1420	1902	NA	NA
Intel Celeron 2957U @ 1.40GHz	1436	1895	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2070	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1486	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1831	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1835	NA	NA
Intel Celeron 3205U @ 1.50GHz	1494	1874	5.21	\$287.04*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3215U @ 1.70GHz	1660	1790	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1765	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1621	NA	NA
Intel Celeron 3855U @ 1.60GHz	1651	1797	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3865U @ 1.80GHz	1941	1643	NA	NA
Intel Celeron 3955U @ 2.00GHz	1879	1678	NA	NA
Intel Celeron 3965U @ 2.20GHz	2411	1451	22.54	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1619	1812	15.14	\$107.00*
Intel Celeron @ 1.30GHz	965	2164	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2767	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2250	NA	NA
Intel Celeron B800 @ 1.50GHz	1271	1985	NA	NA
Intel Celeron B810 @ 1.60GHz	1418	1903	NA	NA
Intel Celeron B815 @ 1.60GHz	1361	1930	NA	NA
Intel Celeron B820 @ 1.70GHz	1428	1898	36.36	\$39.29*
Intel Celeron B830 @ 1.80GHz	1522	1854	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1749	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2684	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2628	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2607	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2591	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2509	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2430	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2356	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2227	3.81	\$225.00
Intel Celeron E1400 @ 2.00GHz	1048	2110	11.66	\$89.95
Intel Celeron E1500 @ 2.20GHz	1172	2040	59.67	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	1994	NA	NA
Intel Celeron E3200 @ 2.40GHz	1394	1914	26.81	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1386	1917	82.60	\$16.79
Intel Celeron E3400 @ 2.60GHz	1437	1894	29.85	\$48.15
Intel Celeron E3500 @ 2.70GHz	1454	1888	23.45	\$62.01
Intel Celeron G440 @ 1.60GHz	690	2307	5.52	\$125.00
Intel Celeron G460 @ 1.80GHz	1029	2119	66.89	\$15.39
Intel Celeron G465 @ 1.90GHz	1064	2101	10.64	\$100.00
Intel Celeron G470 @ 2.00GHz	1298	1964	NA	NA
Intel Celeron G530 @ 2.40GHz	2135	1560	46.09	\$46.34
Intel Celeron G530T @ 2.00GHz	1717	1751	NA	NA
Intel Celeron G540 @ 2.50GHz	2200	1539	48.90	\$45.00
Intel Celeron G540T @ 2.10GHz	2114	1570	NA	NA
Intel Celeron G550 @ 2.60GHz	2287	1499	39.03	\$58.61
Intel Celeron G550T @ 2.20GHz	2063	1592	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1447	60.57	\$40.00
Intel Celeron G1101 @ 2.27GHz	1667	1787	84.34	\$19.77
Intel Celeron G1610 @ 2.60GHz	2489	1426	12.45	\$200.00
Intel Celeron G1610T @ 2.30GHz	2288	1497	57.16	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2576	1390	16.78	\$153.59*
Intel Celeron G1620T @ 2.40GHz	2353	1476	56.03	\$42.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1630 @ 2.80GHz	2493	1423	35.63	\$69.99
Intel Celeron G1820 @ 2.70GHz	2753	1337	16.20	\$169.99*
Intel Celeron G1820T @ 2.40GHz	2505	1420	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1562	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1403	26.80	\$94.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1840 @ 2.80GHz	2860	1300	44.22	\$64.70
Intel Celeron G1840T @ 2.50GHz	2605	1381	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1279	36.37	\$79.99
Intel Celeron G3900 @ 2.80GHz	3160	1198	60.07	\$52.62
Intel Celeron G3900E @ 2.40GHz	2679	1356	NA	NA
Intel Celeron G3900T @ 2.60GHz	2919	1277	NA	NA
Intel Celeron G3900TE @ 2.30GHz	2591	1385	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1209	39.05	\$79.98
Intel Celeron G3930 @ 2.90GHz	3030	1238	59.23	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1330	32.17	\$85.99*
Intel Celeron G3950 @ 3.00GHz	3006	1246	42.21	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3289	1156	50.45	\$65.20
Intel Celeron G4900T @ 2.90GHz	2960	1262	NA	NA
Intel Celeron G4920 @ 3.20GHz	3302	1153	35.17	\$93.90
Intel Celeron J1750 @ 2.41GHz	1037	2115	NA	NA
Intel Celeron J1800 @ 2.41GHz	1027	2121	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1817	NA	NA
Intel Celeron J1900 @ 1.99GHz	1848	1693	NA	NA
Intel Celeron J3060 @ 1.60GHz	972	2158	NA	NA
Intel Celeron J3160 @ 1.60GHz	1791	1718	NA	NA
Intel Celeron J3355 @ 2.00GHz	1180	2034	NA	NA
Intel Celeron J3455 @ 1.50GHz	2134	1561	5.62	\$379.99*
Intel Celeron J4005 @ 2.00GHz	1559	1842	11.10	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2634	1370	24.62	\$107.00*
Intel Celeron M 1.00GHz	207	2749	16.60	\$12.49
Intel Celeron M 1.30GHz	316	2606	NA	NA
Intel Celeron M 1.50GHz	343	2584	NA	NA
Intel Celeron M 1.60GHz	365	2561	NA	NA
Intel Celeron M 1.70GHz	393	2529	NA	NA
Intel Celeron M 360 1.40GHz	328	2597	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2608	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2586	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2556	NA	NA
Intel Celeron M 440 @ 1.86GHz	397	2520	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2701	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2459	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2483	NA	NA
Intel Celeron M 530 @ 1.73GHz	460	2451	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2379	NA	NA
Intel Celeron M 600MHz	151	2791	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2454	NA	NA
Intel Celeron M 900MHz	204	2751	NA	NA
Intel Celeron M 1200MHz	275	2679	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 1300MHz	303	2625	NA	NA
Intel Celeron M 1500MHz	333	2593	NA	NA
Intel Celeron M ULV 800MHz	184	2771	NA	NA
Intel Celeron N2805 @ 1.46GHz	461	2450	NA	NA
Intel Celeron N2806 @ 1.60GHz	798	2257	NA	NA
Intel Celeron N2807 @ 1.58GHz	850	2231	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2808 @ 1.58GHz	919	2200	NA	NA
Intel Celeron N2810 @ 2.00GHz	781	2262	5.58	\$139.99*
Intel Celeron N2815 @ 1.86GHz	856	2230	NA	NA
Intel Celeron N2820 @ 2.13GHz	930	2190	4.43	\$209.99
Intel Celeron N2830 @ 2.16GHz	953	2174	NA	NA
Intel Celeron N2840 @ 2.16GHz	1001	2136	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2024	NA	NA
Intel Celeron N2920 @ 1.86GHz	1500	1869	NA	NA
Intel Celeron N2930 @ 1.83GHz	1627	1809	NA	NA
Intel Celeron N2940 @ 1.83GHz	1735	1745	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2210	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2165	NA	NA
Intel Celeron N3050 @ 1.60GHz	880	2216	5.96	\$147.70
Intel Celeron N3060 @ 1.60GHz	989	2150	NA	NA
Intel Celeron N3150 @ 1.60GHz	1655	1795	NA	NA
Intel Celeron N3160 @ 1.60GHz	1673	1781	5.83	\$286.99*
Intel Celeron N3350 @ 1.10GHz	1106	2076	NA	NA
Intel Celeron N3450 @ 1.10GHz	1851	1692	11.30	\$163.80
Intel Celeron N4000 @ 1.10GHz	1465	1883	13.70	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2318	1482	21.67	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1119	2064	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2145	NA	NA
Intel Celeron P4600 @ 2.00GHz	1340	1942	NA	NA
Intel Celeron SU2300 @ 1.20GHz	769	2266	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2176	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2105	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1764	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2289	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2310	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2254	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1052	2108	6.66	\$157.95
Intel Core2 Duo E4400 @ 2.00GHz	1156	2050	7.32	\$157.95
Intel Core2 Duo E4500 @ 2.20GHz	1271	1986	211.84	\$6.00
Intel Core2 Duo E4600 @ 2.40GHz	1385	1918	8.77	\$157.95
Intel Core2 Duo E4700 @ 2.60GHz	1483	1878	54.96	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1109	2072	11.93	\$93.00
Intel Core2 Duo E6320 @ 1.86GHz	1184	2033	7.50	\$157.95
Intel Core2 Duo E6400 @ 2.13GHz	1288	1972	64.59	\$19.95
Intel Core2 Duo E6420 @ 2.13GHz	1362	1929	8.62	\$157.95
Intel Core2 Duo E6540 @ 2.33GHz	1458	1886	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1871	100.22	\$14.95
Intel Core2 Duo E6600 @ 2.40GHz	1553	1844	11.10	\$139.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6700 @ 2.66GHz	1693	1772	14.60	\$115.99
Intel Core2 Duo E6750 @ 2.66GHz	1715	1754	132.51	\$12.95
Intel Core2 Duo E6850 @ 3.00GHz	1947	1641	32.53	\$59.88
Intel Core2 Duo E7200 @ 2.53GHz	1632	1806	33.31	\$49.00
Intel Core2 Duo E7300 @ 2.66GHz	1727	1746	43.32	\$39.88
Intel Core2 Duo E7400 @ 2.80GHz	1773	1723	11.23	\$157.95
Intel Core2 Duo E7500 @ 2.93GHz	1874	1679	25.00	\$75.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E7600 @ 3.06GHz	1971	1630	16.43	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1520	1858	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1746	1735	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1886	1676	11.94	\$157.95
Intel Core2 Duo E8235 @ 2.80GHz	1965	1633	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1475	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1994	1620	8.86	\$225.00
Intel Core2 Duo E8335 @ 2.66GHz	1846	1694	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1566	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2149	1555	240.16	\$8.95
Intel Core2 Duo E8435 @ 3.06GHz	2127	1567	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2282	1503	10.14	\$225.00
Intel Core2 Duo E8600 @ 3.33GHz	2408	1453	13.19	\$182.69
Intel Core2 Duo E8700 @ 3.50GHz	2212	1532	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2272	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2311	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2245	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2233	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	964	2166	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2157	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2065	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	2100	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1330	1947	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	1969	64.62	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	1963	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1415	1904	35.41	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2181	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1517	1862	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1437	1893	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2127	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1455	1887	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1849	31.23	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1810	42.75	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1739	30.56	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1840	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1752	1733	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1738	1742	17.56	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1873	1681	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2012	1613	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2353	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1269	1988	5.02	\$253.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo SP9400 @ 2.40GHz	1679	1778	5.92	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	932	2188	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	831	2240	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	836	2239	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2251	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	933	2187	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	912	2204	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	909	2207	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5500 @ 1.66GHz	927	2194	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1046	2111	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1028	2120	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2147	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1092	2086	109.36	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1109	2073	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1195	2026	75.16	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1147	2056	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2019	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2011	81.83	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1285	1973	85.79	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1255	1993	32.62	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1361	1931	72.04	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1365	1927	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1017	2129	46.28	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1165	2045	11.66	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1115	2068	5.53	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1192	2028	38.48	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1247	2003	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1275	1982	29.67	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1381	1920	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1421	1901	23.71	\$59.95*
Intel Core2 Duo T7800 @ 2.60GHz	1604	1822	2.64	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1296	1966	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1473	1880	13.53	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1672	1783	28.84	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1739	1741	24.87	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1796	1714	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1803	1712	6.03	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1926	1650	21.42	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2015	1612	4.75	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2130	1563	5.34	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	871	2219	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	582	2358	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2316	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2303	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2223	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1133	2063	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1774	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1065	3.25	\$1,125.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme Q6850 @ 3.00GHz	3633	1066	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3456	1113	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1871	1682	7.10	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1713	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1946	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1776	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1903	1662	4.64	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2061	1593	2.42	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4156	952	4.83	\$859.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme X9750 @ 3.16GHz	4504	885	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4611	863	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	852	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2952	1263	128.92	\$22.90
Intel Core2 Quad Q6700 @ 2.66GHz	3286	1158	73.05	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2812	1313	12.50	\$225.00
Intel Core2 Quad Q8300 @ 2.50GHz	2982	1255	21.43	\$139.19
Intel Core2 Quad Q8400 @ 2.66GHz	3165	1193	13.19	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2523	1410	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1170	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3160	1200	63.22	\$49.99*
Intel Core2 Quad Q9400 @ 2.66GHz	3341	1144	69.59	\$48.01
Intel Core2 Quad Q9450 @ 2.66GHz	3761	1034	11.23	\$335.00
Intel Core2 Quad Q9500 @ 2.83GHz	3536	1094	101.07	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3559	1086	18.73	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3967	989	13.49	\$294.00
Intel Core2 Quad Q9650 @ 3.00GHz	4168	950	65.32	\$63.81
Intel Core2 Quad Q9705 @ 3.16GHz	3947	993	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	350	2575	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2616	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2494	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	465	2443	NA	NA
Intel Core 330 @ 1.60GHz	643	2328	NA	NA
Intel Core 860 @ 2.80GHz	4555	871	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2292	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2295	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2278	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2306	NA	NA
Intel Core Duo T2250 @ 1.73GHz	757	2275	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2286	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2270	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2259	49.65	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2244	NA	NA
Intel Core Duo T2500 @ 2.00GHz	868	2221	7.24	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	943	2183	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2125	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2377	NA	NA
Intel Core Duo U2500 @ 1.20GHz	512	2400	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1648	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-330M @ 2.13GHz	1790	1719	36.87	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1075	2099	NA	NA
Intel Core i3-350M @ 2.27GHz	1891	1671	17.36	\$108.95
Intel Core i3-370M @ 2.40GHz	2015	1611	50.44	\$39.96*
Intel Core i3-380M @ 2.53GHz	2093	1580	34.91	\$59.95
Intel Core i3-380UM @ 1.33GHz	1168	2043	NA	NA
Intel Core i3-390M @ 2.67GHz	2180	1543	55.99	\$38.95*
Intel Core i3-530 @ 2.93GHz	2567	1397	128.36	\$20.00
Intel Core i3-540 @ 3.07GHz	2687	1355	93.28	\$28.81
Intel Core i3-550 @ 3.20GHz	2828	1305	16.07	\$176.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-560 @ 3.33GHz	2937	1269	16.32	\$179.95
Intel Core i3-2100 @ 3.10GHz	3690	1057	26.36	\$140.00
Intel Core i3-2100T @ 2.50GHz	2952	1264	49.21	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1043	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3706	1051	32.24	\$114.99
Intel Core i3-2120 @ 3.30GHz	3926	1001	130.89	\$30.00
Intel Core i3-2120T @ 2.60GHz	3162	1195	19.77	\$160.00
Intel Core i3-2125 @ 3.30GHz	4019	974	20.20	\$199.00
Intel Core i3-2130 @ 3.40GHz	4066	967	53.37	\$76.19
Intel Core i3-2140 @ 3.50GHz	4325	923	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1302	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2430	1443	54.01	\$44.99
Intel Core i3-2312M @ 2.10GHz	2394	1458	NA	NA
Intel Core i3-2328M @ 2.20GHz	2534	1407	27.26	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1224	NA	NA
Intel Core i3-2330M @ 2.20GHz	2524	1409	14.83	\$170.20*
Intel Core i3-2332M @ 2.20GHz	2382	1463	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1748	NA	NA
Intel Core i3-2348M @ 2.30GHz	2613	1376	NA	NA
Intel Core i3-2350M @ 2.30GHz	2621	1372	71.22	\$36.81*
Intel Core i3-2357M @ 1.30GHz	1556	1843	NA	NA
Intel Core i3-2365M @ 1.40GHz	1680	1777	NA	NA
Intel Core i3-2367M @ 1.40GHz	1705	1763	NA	NA
Intel Core i3-2370M @ 2.40GHz	2776	1326	69.74	\$39.81
Intel Core i3-2375M @ 1.50GHz	1774	1722	NA	NA
Intel Core i3-2377M @ 1.50GHz	1827	1704	NA	NA
Intel Core i3-3110M @ 2.40GHz	3077	1223	38.50	\$79.95
Intel Core i3-3120M @ 2.50GHz	3218	1179	23.16	\$139.00
Intel Core i3-3130M @ 2.60GHz	3405	1121	NA	NA
Intel Core i3-3210 @ 3.20GHz	4031	972	29.21	\$138.00
Intel Core i3-3217U @ 1.80GHz	2303	1490	10.01	\$229.99
Intel Core i3-3217UE @ 1.60GHz	2162	1550	NA	NA
Intel Core i3-3220 @ 3.30GHz	4238	936	71.83	\$59.00
Intel Core i3-3220T @ 2.80GHz	3701	1052	13.51	\$273.95
Intel Core i3-3225 @ 3.30GHz	4340	917	27.13	\$160.00
Intel Core i3-3227U @ 1.90GHz	2472	1432	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1693	1773	NA	NA
Intel Core i3-3240 @ 3.40GHz	4312	926	13.07	\$329.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3240T @ 2.90GHz	3680	1060	NA	NA
Intel Core i3-3245 @ 3.40GHz	4429	899	55.37	\$79.99
Intel Core i3-3250 @ 3.50GHz	4446	894	46.81	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1070	NA	NA
Intel Core i3-4000M @ 2.40GHz	3247	1169	16.24	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2443	1441	NA	NA
Intel Core i3-4010U @ 1.70GHz	2438	1442	22.17	\$110.00*
Intel Core i3-4010Y @ 1.30GHz	1900	1665	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2163	1549	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2214	1531	NA	NA
Intel Core i3-4025U @ 1.90GHz	2782	1324	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4030U @ 1.90GHz	2709	1348	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1419	NA	NA
Intel Core i3-4100M @ 2.50GHz	3477	1106	15.91	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	1004	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1286	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1234	NA	NA
Intel Core i3-4130 @ 3.40GHz	4797	831	41.72	\$115.00
Intel Core i3-4130T @ 2.90GHz	4142	955	46.55	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4892	812	30.42	\$160.81
Intel Core i3-4150T @ 3.00GHz	4222	939	18.36	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1278	NA	NA
Intel Core i3-4160 @ 3.60GHz	5053	780	30.18	\$167.42
Intel Core i3-4160T @ 3.10GHz	4418	904	29.46	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5188	753	43.60	\$119.00
Intel Core i3-4170T @ 3.20GHz	4544	876	21.64	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5098	765	28.33	\$179.99
Intel Core i3-4330T @ 3.00GHz	4486	889	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1182	NA	NA
Intel Core i3-4340 @ 3.60GHz	5240	747	27.58	\$189.99
Intel Core i3-4350 @ 3.60GHz	4963	799	29.20	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	927	NA	NA
Intel Core i3-4360 @ 3.70GHz	5460	713	19.51	\$279.95
Intel Core i3-4360T @ 3.20GHz	4636	855	NA	NA
Intel Core i3-4370 @ 3.80GHz	5605	694	13.51	\$415.00
Intel Core i3-4370T @ 3.30GHz	4890	813	35.44	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	807	NA	NA
Intel Core i3-5005U @ 2.00GHz	2903	1284	NA	NA
Intel Core i3-5010U @ 2.10GHz	3055	1230	10.05	\$303.93*
Intel Core i3-5015U @ 2.10GHz	3045	1236	NA	NA
Intel Core i3-5020U @ 2.20GHz	3184	1186	6.94	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3663	1063	NA	NA
Intel Core i3-6006U @ 2.00GHz	3089	1218	NA	NA
Intel Core i3-6098P @ 3.60GHz	5421	722	40.54	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5488	706	36.84	\$149.00
Intel Core i3-6100E @ 2.70GHz	3769	1032	NA	NA
Intel Core i3-6100H @ 2.70GHz	4249	935	NA	NA
Intel Core i3-6100T @ 3.20GHz	4865	818	25.61	\$189.99



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-6100TE @ 2.70GHz	4337	918	NA	NA
Intel Core i3-6100U @ 2.30GHz	3603	1073	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	1015	NA	NA
Intel Core i3-6300 @ 3.80GHz	5838	666	20.85	\$279.99
Intel Core i3-6300T @ 3.30GHz	5249	746	29.16	\$179.99*
Intel Core i3-6320 @ 3.90GHz	6047	644	37.80	\$159.99
Intel Core i3-7020U @ 2.30GHz	3496	1100	12.44	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5781	670	37.11	\$155.82
Intel Core i3-7100H @ 3.00GHz	4696	845	20.87	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5042	787	56.66	\$89.00*
Intel Core i3-7100U @ 2.40GHz	3778	1030	11.18	\$337.98*
Intel Core i3-7101TE @ 3.40GHz	5016	789	42.88	\$117.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7130U @ 2.70GHz	4086	964	14.54	\$281.00*
Intel Core i3-7167U @ 2.80GHz	4757	836	NA	NA
Intel Core i3-7300 @ 4.00GHz	6386	612	37.16	\$171.84
Intel Core i3-7300T @ 3.50GHz	5369	728	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6519	596	35.68	\$182.72
Intel Core i3-7350K @ 4.20GHz	6619	589	32.41	\$204.24
Intel Core i3-8100 @ 3.60GHz	8062	449	67.75	\$118.99
Intel Core i3-8100T @ 3.10GHz	7483	504	53.84	\$139.00*
Intel Core i3-8109U @ 3.00GHz	6167	630	NA	NA
Intel Core i3-8121U @ 2.20GHz	4738	840	NA	NA
Intel Core i3-8130U @ 2.20GHz	5080	771	18.08	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5431	717	19.33	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8661	409	46.50	\$186.27*
Intel Core i3-8300T @ 3.20GHz	7934	461	46.54	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9231	356	48.40	\$190.73
Intel Core i5 750S @ 2.40GHz	2197	1540	8.72	\$252.01
Intel Core i5 E 520 @ 2.40GHz	2486	1427	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3623	1068	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3737	1042	NA	NA
Intel Core i5-430M @ 2.27GHz	2098	1579	15.00	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	1941	NA	NA
Intel Core i5-450M @ 2.40GHz	2124	1568	66.48	\$31.95*
Intel Core i5-460M @ 2.53GHz	2325	1480	31.03	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	2096	NA	NA
Intel Core i5-480M @ 2.67GHz	2403	1455	29.82	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1522	NA	NA
Intel Core i5-520M @ 2.40GHz	2369	1470	33.86	\$69.99
Intel Core i5-520UM @ 1.07GHz	1356	1935	NA	NA
Intel Core i5-540M @ 2.53GHz	2452	1437	12.91	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1374	1924	NA	NA
Intel Core i5-560M @ 2.67GHz	2584	1389	31.53	\$81.97
Intel Core i5-560UM @ 1.33GHz	1664	1788	NA	NA
Intel Core i5-580M @ 2.67GHz	2606	1379	23.71	\$109.95
Intel Core i5-650 @ 3.20GHz	3101	1215	36.25	\$85.55
Intel Core i5-655K @ 3.20GHz	3399	1126	56.67	\$59.99*
Intel Core i5-660 @ 3.33GHz	3250	1167	66.35	\$49.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-661 @ 3.33GHz	3182	1187	12.63	\$252.01
Intel Core i5-670 @ 3.47GHz	3309	1151	13.13	\$252.01
Intel Core i5-680 @ 3.60GHz	3509	1096	12.90	\$272.01
Intel Core i5-750 @ 2.67GHz	3693	1056	39.91	\$92.55*
Intel Core i5-760 @ 2.80GHz	3888	1002	43.22	\$89.99
Intel Core i5-2300 @ 2.80GHz	5349	733	66.88	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5542	700	69.30	\$79.98
Intel Core i5-2320 @ 3.00GHz	5764	674	36.03	\$160.00
Intel Core i5-2380P @ 3.10GHz	5741	676	31.90	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4262	931	42.66	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5963	649	79.53	\$74.99
Intel Core i5-2400S @ 2.50GHz	4973	797	75.70	\$65.70
Intel Core i5-2405S @ 2.50GHz	5082	770	30.92	\$164.40*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2410M @ 2.30GHz	3164	1194	43.96	\$72.00
Intel Core i5-2415M @ 2.30GHz	3299	1154	NA	NA
Intel Core i5-2430M @ 2.40GHz	3283	1159	39.04	\$84.11*
Intel Core i5-2435M @ 2.40GHz	3253	1162	NA	NA
Intel Core i5-2450M @ 2.50GHz	3399	1125	38.62	\$88.02
Intel Core i5-2450P @ 3.20GHz	6132	634	68.14	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2327	1478	NA	NA
Intel Core i5-2500 @ 3.30GHz	6334	617	68.86	\$91.99
Intel Core i5-2500K @ 3.30GHz	6478	599	56.34	\$114.99
Intel Core i5-2500S @ 2.70GHz	5341	734	71.23	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4639	853	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	1061	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1149	NA	NA
Intel Core i5-2520M @ 2.50GHz	3588	1076	21.16	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2100	1578	NA	NA
Intel Core i5-2540M @ 2.60GHz	3783	1029	65.20	\$58.02
Intel Core i5-2550K @ 3.40GHz	6667	584	51.29	\$129.99*
Intel Core i5-2557M @ 1.70GHz	2678	1357	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1037	NA	NA
Intel Core i5-3210M @ 2.50GHz	3826	1019	31.71	\$120.68*
Intel Core i5-3230M @ 2.60GHz	3939	996	15.78	\$249.65*
Intel Core i5-3317U @ 1.70GHz	3089	1217	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4117	962	36.03	\$114.27
Intel Core i5-3330 @ 3.00GHz	5933	657	19.14	\$309.99*
Intel Core i5-3330S @ 2.70GHz	5678	685	59.15	\$96.00*
Intel Core i5-3335S @ 2.70GHz	5788	669	NA	NA
Intel Core i5-3337U @ 1.80GHz	3222	1175	14.32	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1530	NA	NA
Intel Core i5-3340 @ 3.10GHz	6083	641	23.22	\$262.01
Intel Core i5-3340M @ 2.70GHz	4250	934	53.17	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	665	18.27	\$320.00
Intel Core i5-3350P @ 3.10GHz	6148	631	40.99	\$149.99
Intel Core i5-3360M @ 2.80GHz	4429	898	47.73	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4434	897	NA	NA
Intel Core i5-3427U @ 1.80GHz	3551	1088	8.46	\$420.05*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3437U @ 1.90GHz	3631	1067	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1272	NA	NA
Intel Core i5-3450 @ 3.10GHz	6531	595	51.43	\$126.99
Intel Core i5-3450S @ 2.80GHz	6219	623	41.61	\$149.45
Intel Core i5-3470 @ 3.20GHz	6709	581	67.78	\$99.00
Intel Core i5-3470S @ 2.90GHz	6365	615	45.08	\$141.19
Intel Core i5-3470T @ 2.90GHz	4482	890	14.51	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6613	590	46.09	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6958	555	20.47	\$339.95*
Intel Core i5-3550S @ 3.00GHz	6906	560	20.25	\$341.01*
Intel Core i5-3570 @ 3.40GHz	7117	540	55.61	\$128.00
Intel Core i5-3570K @ 3.40GHz	7172	536	51.60	\$139.00
Intel Core i5-3570S @ 3.10GHz	6755	575	23.70	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5901	659	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3610ME @ 2.70GHz	3830	1016	NA	NA
Intel Core i5-4200H @ 2.80GHz	4439	895	NA	NA
Intel Core i5-4200M @ 2.50GHz	4034	971	49.74	\$81.12
Intel Core i5-4200U @ 1.60GHz	3292	1155	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1454	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2261	1516	NA	NA
Intel Core i5-4210H @ 2.90GHz	4540	877	NA	NA
Intel Core i5-4210M @ 2.60GHz	4196	944	13.54	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3403	1123	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2378	1464	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1514	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1285	NA	NA
Intel Core i5-4250U @ 1.30GHz	3449	1114	9.61	\$358.99*
Intel Core i5-4258U @ 2.40GHz	4082	965	NA	NA
Intel Core i5-4260U @ 1.40GHz	3569	1083	NA	NA
Intel Core i5-4278U @ 2.60GHz	4362	912	NA	NA
Intel Core i5-4288U @ 2.60GHz	4357	914	NA	NA
Intel Core i5-4300M @ 2.60GHz	4422	901	NA	NA
Intel Core i5-4300U @ 1.90GHz	3743	1041	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2491	1424	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1258	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	940	NA	NA
Intel Core i5-4310M @ 2.70GHz	4626	859	NA	NA
Intel Core i5-4310U @ 2.00GHz	3755	1036	NA	NA
Intel Core i5-4330M @ 2.80GHz	4482	891	16.30	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4810	825	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1071	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	874	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	994	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1315	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6324	618	21.08	\$299.97
Intel Core i5-4430S @ 2.70GHz	5937	656	37.11	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6505	597	13.09	\$497.00
Intel Core i5-4440S @ 2.80GHz	6217	624	13.43	\$462.97*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4460 @ 3.20GHz	6712	579	45.05	\$149.00
Intel Core i5-4460S @ 2.90GHz	6407	609	9.71	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4951	806	NA	NA
Intel Core i5-4570 @ 3.20GHz	7136	538	61.52	\$115.99
Intel Core i5-4570R @ 2.70GHz	6761	573	NA	NA
Intel Core i5-4570S @ 2.90GHz	6795	568	16.58	\$409.95
Intel Core i5-4570T @ 2.90GHz	4831	823	32.21	\$149.99
Intel Core i5-4570TE @ 2.70GHz	3827	1018	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7313	524	49.08	\$149.00
Intel Core i5-4590S @ 3.00GHz	7051	546	35.98	\$195.99
Intel Core i5-4590T @ 2.00GHz	5609	693	NA	NA
Intel Core i5-4670 @ 3.40GHz	7454	506	46.88	\$159.00
Intel Core i5-4670K @ 3.40GHz	7634	492	31.81	\$239.99
Intel Core i5-4670K CPT @ 3.40GHz	7411	514	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	513	26.88	\$276.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4670S @ 3.10GHz	7322	521	34.38	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6142	632	23.71	\$259.02
Intel Core i5-4690 @ 3.50GHz	7670	490	38.35	\$199.99
Intel Core i5-4690K @ 3.50GHz	7796	475	35.60	\$218.98
Intel Core i5-4690S @ 3.20GHz	7441	507	27.41	\$271.51*
Intel Core i5-4690T @ 2.50GHz	6478	600	NA	NA
Intel Core i5-5200U @ 2.20GHz	3485	1103	NA	NA
Intel Core i5-5250U @ 1.60GHz	3584	1079	8.11	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4403	905	NA	NA
Intel Core i5-5287U @ 2.90GHz	4688	846	NA	NA
Intel Core i5-5300U @ 2.30GHz	3812	1023	7.39	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3485	1104	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	509	NA	NA
Intel Core i5-5675C @ 3.10GHz	8191	437	20.48	\$399.99*
Intel Core i5-5675R @ 3.10GHz	8054	453	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4145	953	NA	NA
Intel Core i5-6200U @ 2.30GHz	4017	975	NA	NA
Intel Core i5-6260U @ 1.80GHz	4359	913	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4958	803	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	837	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6084	640	NA	NA
Intel Core i5-6300U @ 2.40GHz	4372	910	NA	NA
Intel Core i5-6360U @ 2.00GHz	4880	815	NA	NA
Intel Core i5-6400 @ 2.70GHz	6762	572	35.78	\$189.00
Intel Core i5-6400T @ 2.20GHz	5610	692	21.58	\$259.95
Intel Core i5-6402P @ 2.80GHz	7100	542	37.37	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	671	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6785	570	NA	NA
Intel Core i5-6500 @ 3.20GHz	7244	529	30.91	\$234.38
Intel Core i5-6500T @ 2.50GHz	6285	620	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6539	593	31.14	\$209.99
Intel Core i5-6600 @ 3.30GHz	7771	477	31.21	\$249.00
Intel Core i5-6600K @ 3.50GHz	8061	450	32.91	\$244.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6600T @ 2.70GHz	7326	520	41.87	\$174.99
Intel Core i5-7200U @ 2.50GHz	4612	861	NA	NA
Intel Core i5-7260U @ 2.20GHz	5687	682	NA	NA
Intel Core i5-7267U @ 3.10GHz	5098	766	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	689	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6804	567	NA	NA
Intel Core i5-7300U @ 2.60GHz	5186	754	11.51	\$450.64*
Intel Core i5-7360U @ 2.30GHz	5957	651	NA	NA
Intel Core i5-7400 @ 3.00GHz	7334	518	35.45	\$206.93
Intel Core i5-7400T @ 2.40GHz	6437	604	34.06	\$189.00
Intel Core i5-7440HQ @ 2.80GHz	7693	485	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	6262	621	25.05	\$250.00*
Intel Core i5-7500 @ 3.40GHz	8025	454	34.88	\$230.08
Intel Core i5-7500T @ 2.70GHz	6997	551	24.92	\$280.75
Intel Core i5-7600 @ 3.50GHz	8756	401	38.24	\$229.00
Intel Core i5-7600K @ 3.80GHz	9128	363	32.17	\$283.75
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7600T @ 2.80GHz	8097	447	31.00	\$261.25
Intel Core i5-7640X @ 4.00GHz	9520	325	35.15	\$270.87
Intel Core i5-8200Y @ 1.30GHz	4206	943	14.46	\$291.00*
Intel Core i5-8250U @ 1.60GHz	7680	488	NA	NA
Intel Core i5-8259U @ 2.30GHz	10976	234	16.19	\$678.00
Intel Core i5-8265U @ 1.60GHz	8128	444	27.37	\$297.00*
Intel Core i5-8300H @ 2.30GHz	9445	339	37.78	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8927	385	NA	NA
Intel Core i5-8350U @ 1.70GHz	8239	431	27.74	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11619	215	62.81	\$184.99
Intel Core i5-8400H @ 2.50GHz	9767	310	39.07	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9700	318	51.32	\$189.00
Intel Core i5-8500 @ 3.00GHz	11880	211	54.25	\$219.00
Intel Core i5-8500B @ 3.00GHz	12639	192	65.83	\$192.00*
Intel Core i5-8500T @ 2.10GHz	10043	284	46.00	\$218.34*
Intel Core i5-8600 @ 3.10GHz	12658	191	50.84	\$248.99*
Intel Core i5-8600K @ 3.60GHz	12767	185	44.81	\$284.89*
Intel Core i5-8600T @ 2.30GHz	10913	236	29.18	\$373.99*
Intel Core i5-9400F @ 2.90GHz	12743	186	72.41	\$175.99
Intel Core i5-9600K @ 3.70GHz	13413	172	47.07	\$284.99
Intel Core i5-24050S @ 2.50GHz	4928	808	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3750	1038	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1632	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1402	NA	NA
Intel Core i7-620LM @ 2.00GHz	1955	1638	NA	NA
Intel Core i7-620M @ 2.67GHz	2723	1346	17.03	\$159.95*
Intel Core i7-620UM @ 1.07GHz	1323	1951	NA	NA
Intel Core i7-640LM @ 2.13GHz	2251	1518	NA	NA
Intel Core i7-640M @ 2.80GHz	2831	1304	14.16	\$199.95
Intel Core i7-640UM @ 1.20GHz	1658	1791	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1737	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1758	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-720QM @ 1.60GHz	3011	1244	13.09	\$229.95
Intel Core i7-740QM @ 1.73GHz	3195	1184	29.07	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3229	1173	23.24	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3405	1122	11.74	\$289.97*
Intel Core i7-860 @ 2.80GHz	5004	793	56.87	\$87.99*
Intel Core i7-860S @ 2.53GHz	4711	841	11.16	\$422.01
Intel Core i7-870 @ 2.93GHz	5337	737	56.18	\$95.00
Intel Core i7-870S @ 2.67GHz	4969	798	NA	NA
Intel Core i7-875K @ 2.93GHz	5430	718	11.20	\$485.01
Intel Core i7-880 @ 3.07GHz	5525	704	9.48	\$583.00*
Intel Core i7-920 @ 2.67GHz	4922	810	28.29	\$174.00
Intel Core i7-920XM @ 2.00GHz	3732	1044	1.11	\$3,375.00*
Intel Core i7-930 @ 2.80GHz	5139	759	39.54	\$129.99
Intel Core i7-940 @ 2.93GHz	5350	732	18.01	\$297.00
Intel Core i7-940XM @ 2.13GHz	3938	997	NA	NA
Intel Core i7-950 @ 3.07GHz	5550	699	16.82	\$329.99
Intel Core i7-960 @ 3.20GHz	5811	668	58.12	\$99.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-965 @ 3.20GHz	5856	663	16.31	\$359.00
Intel Core i7-970 @ 3.20GHz	8373	424	55.83	\$149.98
Intel Core i7-975 @ 3.33GHz	6127	635	9.34	\$656.01
Intel Core i7-980 @ 3.33GHz	8661	408	12.37	\$699.99
Intel Core i7-980X @ 3.33GHz	8758	399	21.95	\$399.00
Intel Core i7-985 @ 3.47GHz	6641	586	NA	NA
Intel Core i7-990X @ 3.47GHz	9075	367	25.93	\$349.99
Intel Core i7-995X @ 3.60GHz	9791	305	NA	NA
Intel Core i7-2600 @ 3.40GHz	8191	438	54.97	\$149.00
Intel Core i7-2600K @ 3.40GHz	8432	421	44.39	\$189.99
Intel Core i7-2600S @ 2.80GHz	7078	544	35.40	\$199.99
Intel Core i7-2610UE @ 1.50GHz	2481	1429	NA	NA
Intel Core i7-2617M @ 1.50GHz	2818	1309	NA	NA
Intel Core i7-2620M @ 2.70GHz	3839	1012	22.61	\$169.81
Intel Core i7-2630QM @ 2.00GHz	5528	703	24.04	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1388	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5456	714	NA	NA
Intel Core i7-2637M @ 1.70GHz	2898	1289	NA	NA
Intel Core i7-2640M @ 2.80GHz	3928	999	15.11	\$259.95
Intel Core i7-2655LE @ 2.20GHz	3161	1197	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5884	660	42.52	\$138.40
Intel Core i7-2675QM @ 2.20GHz	5533	702	NA	NA
Intel Core i7-2677M @ 1.80GHz	2817	1310	NA	NA
Intel Core i7-2700K @ 3.50GHz	8698	403	44.61	\$195.00
Intel Core i7-2710QE @ 2.10GHz	5768	673	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	729	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6119	637	32.22	\$189.95
Intel Core i7-2760QM @ 2.40GHz	6574	592	41.14	\$159.81*
Intel Core i7-2820QM @ 2.30GHz	6639	587	18.65	\$355.95*
Intel Core i7-2840QM @ 2.40GHz	6766	571	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6990	552	11.65	\$599.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2920XM @ 2.50GHz	7039	548	15.98	\$440.44
Intel Core i7-2960XM @ 2.70GHz	7216	532	17.60	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3588	1077	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1146	NA	NA
Intel Core i7-3520M @ 2.90GHz	4544	875	19.34	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3843	1011	NA	NA
Intel Core i7-3540M @ 3.00GHz	4660	850	10.84	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	991	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	603	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7461	505	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	580	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6821	566	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	517	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7385	516	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7584	497	31.74	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6938	557	29.15	\$238.05*
Intel Core i7-3635QM @ 2.40GHz	6673	583	NA	NA
Intel Core i7-3667U @ 2.00GHz	3995	979	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3687U @ 2.10GHz	4187	947	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1178	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8128	445	22.64	\$359.00*
Intel Core i7-3740QM @ 2.70GHz	8332	426	34.72	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9285	350	46.66	\$198.99
Intel Core i7-3770K @ 3.50GHz	9512	326	36.59	\$259.99
Intel Core i7-3770S @ 3.10GHz	8891	388	41.57	\$213.90
Intel Core i7-3770T @ 2.50GHz	8204	436	24.86	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8996	379	21.94	\$409.99
Intel Core i7-3820QM @ 2.70GHz	8425	422	17.30	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8795	396	26.26	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9152	359	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11981	208	30.03	\$398.98
Intel Core i7-3940XM @ 3.00GHz	9282	351	17.22	\$539.00
Intel Core i7-3960X @ 3.30GHz	12606	193	7.64	\$1,650.00
Intel Core i7-3970X @ 3.50GHz	12673	189	15.65	\$809.99
Intel Core i7-4500U @ 1.80GHz	3790	1027	NA	NA
Intel Core i7-4510U @ 2.00GHz	3926	1000	NA	NA
Intel Core i7-4550U @ 1.50GHz	3713	1049	NA	NA
Intel Core i7-4558U @ 2.80GHz	4391	907	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	920	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	832	NA	NA
Intel Core i7-4600M @ 2.90GHz	4883	814	NA	NA
Intel Core i7-4600U @ 2.10GHz	4103	963	NA	NA
Intel Core i7-4610M @ 3.00GHz	4954	804	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1040	NA	NA
Intel Core i7-4650U @ 1.70GHz	3967	990	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	535	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7725	484	20.17	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7690	486	40.69	\$189.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4702HQ @ 2.20GHz	7430	511	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7127	539	21.15	\$337.04
Intel Core i7-4710HQ @ 2.50GHz	7730	482	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7997	459	29.45	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7509	501	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7205	533	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7999	457	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8063	448	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8219	434	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	413	NA	NA
Intel Core i7-4765T @ 2.00GHz	7309	526	18.27	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9783	307	49.17	\$199.00
Intel Core i7-4770HQ @ 2.20GHz	8948	382	NA	NA
Intel Core i7-4770K @ 3.50GHz	10086	279	38.06	\$265.00
Intel Core i7-4770R @ 3.20GHz	9822	302	NA	NA
Intel Core i7-4770S @ 3.10GHz	9341	346	37.37	\$249.99
Intel Core i7-4770T @ 2.50GHz	8587	414	21.47	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	578	NA	NA
Intel Core i7-4771 @ 3.50GHz	9870	298	32.90	\$299.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4785T @ 2.20GHz	7612	494	NA	NA
Intel Core i7-4790 @ 3.60GHz	9987	291	28.34	\$352.40
Intel Core i7-4790K @ 4.00GHz	11175	222	36.40	\$306.99
Intel Core i7-4790S @ 3.20GHz	9572	323	18.86	\$507.71
Intel Core i7-4790T @ 2.70GHz	9082	366	25.30	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8465	418	16.60	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8649	410	20.35	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9715	316	26.15	\$371.47*
Intel Core i7-4850HQ @ 2.30GHz	9030	371	20.81	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7875	465	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9270	354	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9362	345	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8993	380	15.33	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9404	343	20.45	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13008	178	32.69	\$397.99
Intel Core i7-4930MX @ 3.00GHz	9493	328	8.66	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9908	294	13.96	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9807	304	15.74	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13800	159	16.24	\$849.99
Intel Core i7-4980HQ @ 2.80GHz	10236	266	NA	NA
Intel Core i7-5500U @ 2.40GHz	3979	984	NA	NA
Intel Core i7-5550U @ 2.00GHz	3686	1058	NA	NA
Intel Core i7-5557U @ 3.10GHz	4951	805	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4317	925	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	938	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	439	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	430	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8368	425	NA	NA
Intel Core i7-5775C @ 3.30GHz	10985	233	16.01	\$686.32*



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	10857	238	NA	NA
Intel Core i7-5820K @ 3.30GHz	12986	179	43.29	\$299.99
Intel Core i7-5850EQ @ 2.70GHz	9817	303	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	334	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13631	164	21.41	\$636.53
Intel Core i7-5950HQ @ 2.90GHz	10932	235	NA	NA
Intel Core i7-5960X @ 3.00GHz	15949	109	14.52	\$1,098.10
Intel Core i7-6498DU @ 2.50GHz	4538	881	NA	NA
Intel Core i7-6500U @ 2.50GHz	4428	900	NA	NA
Intel Core i7-6560U @ 2.20GHz	4804	828	NA	NA
Intel Core i7-6567U @ 3.30GHz	5656	690	NA	NA
Intel Core i7-6600U @ 2.60GHz	4804	827	NA	NA
Intel Core i7-6650U @ 2.20GHz	4960	802	NA	NA
Intel Core i7-6700 @ 3.40GHz	10005	289	29.87	\$335.00
Intel Core i7-6700HQ @ 2.60GHz	8132	443	21.52	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11107	225	35.26	\$315.00
Intel Core i7-6700T @ 2.80GHz	9027	373	25.43	\$355.00*
Intel Core i7-6700TE @ 2.40GHz	8696	404	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9722	315	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13588	168	32.35	\$419.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6820EQ @ 2.80GHz	8758	400	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9121	364	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8773	398	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	607	NA	NA
Intel Core i7-6850K @ 3.60GHz	14365	145	33.56	\$428.11
Intel Core i7-6900K @ 3.20GHz	17688	75	18.56	\$952.83
Intel Core i7-6920HQ @ 2.90GHz	9610	321	16.92	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19955	47	14.64	\$1,362.65
Intel Core i7-7500U @ 2.70GHz	5166	757	NA	NA
Intel Core i7-7560U @ 2.40GHz	5877	661	NA	NA
Intel Core i7-7567U @ 3.50GHz	6497	598	NA	NA
Intel Core i7-7600U @ 2.80GHz	5076	772	NA	NA
Intel Core i7-7660U @ 2.50GHz	6031	646	NA	NA
Intel Core i7-7700 @ 3.60GHz	10734	243	33.55	\$319.99
Intel Core i7-7700HQ @ 2.80GHz	8824	395	NA	NA
Intel Core i7-7700K @ 4.20GHz	12037	206	31.76	\$379.00
Intel Core i7-7700T @ 2.90GHz	9281	352	11.04	\$841.00*
Intel Core i7-7740X @ 4.30GHz	12268	200	20.45	\$599.99*
Intel Core i7-7800X @ 3.50GHz	14598	136	43.58	\$334.99
Intel Core i7-7820HK @ 2.90GHz	10009	288	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9312	349	24.64	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18544	67	21.77	\$851.80
Intel Core i7-7900X @ 3.30GHz	20153	44	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9989	290	NA	NA
Intel Core i7-8086K @ 4.00GHz	16698	87	30.20	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3287	1157	8.37	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8315	428	NA	NA
Intel Core i7-8559U @ 2.70GHz	12206	202	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8565U @ 1.80GHz	9258	355	NA	NA
Intel Core i7-8650U @ 1.90GHz	8835	393	NA	NA
Intel Core i7-8700 @ 3.20GHz	15131	125	39.39	\$384.12
Intel Core i7-8700B @ 3.20GHz	14444	141	47.67	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15967	108	44.35	\$359.99
Intel Core i7-8700T @ 2.40GHz	12658	190	24.87	\$509.00
Intel Core i7-8705G @ 3.10GHz	10017	286	NA	NA
Intel Core i7-8706G @ 3.10GHz	10512	251	NA	NA
Intel Core i7-8709G @ 3.10GHz	9536	324	NA	NA
Intel Core i7-8750H @ 2.20GHz	12466	195	31.56	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11023	231	NA	NA
Intel Core i7-8850H @ 2.60GHz	13151	175	33.29	\$395.00*
Intel Core i7-9700K @ 3.60GHz	17239	80	42.05	\$409.99
Intel Core i7-9800X @ 3.80GHz	19852	51	31.51	\$629.99
Intel Core i9-7900X @ 3.30GHz	21873	32	21.58	\$1,013.38
Intel Core i9-7920X @ 2.90GHz	23298	21	25.89	\$899.99
Intel Core i9-7940X @ 3.10GHz	25365	14	22.45	\$1,129.99
Intel Core i9-7960X @ 2.80GHz	25575	12	15.13	\$1,690.00
Intel Core i9-7980XE @ 2.60GHz	27891	5	13.82	\$2,018.10
Intel Core i9-8950HK @ 2.90GHz	14413	142	24.72	\$583.00*
Intel Core i9-9820X @ 3.30GHz	22106	27	26.01	\$849.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-9900K @ 3.60GHz	20139	45	40.28	\$499.99
Intel Core i9-9900X @ 3.50GHz	22567	23	22.13	\$1,019.84
Intel Core i9-9920X @ 3.50GHz	25987	10	20.93	\$1,241.64
Intel Core i9-9940X @ 3.30GHz	27814	6	19.88	\$1,399.00
Intel Core i9-9980XE @ 3.00GHz	28979	1	14.49	\$1,999.99
Intel Core m3-6Y30 @ 0.90GHz	3051	1232	10.86	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3560	1085	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3052	1231	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3461	1112	12.32	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3370	1136	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3252	1164	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3476	1107	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2702	1351	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1462	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2815	1311	10.02	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2774	1327	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2477	1430	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1241	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2988	1252	10.63	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2528	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2521	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2438	NA	NA
Intel Core Solo U1300 @ 1.06GHz	271	2682	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2675	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2596	NA	NA
Intel E3000 @ 3.40GHz	2767	1329	NA	NA
Intel Pentium 4 1.40GHz	164	2782	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1.50GHz	131	2799	NA	NA
Intel Pentium 4 1.60GHz	129	2801	NA	NA
Intel Pentium 4 1.70GHz	132	2798	NA	NA
Intel Pentium 4 1.80GHz	160	2785	NA	NA
Intel Pentium 4 1.90GHz	159	2786	NA	NA
Intel Pentium 4 2.00GHz	189	2764	NA	NA
Intel Pentium 4 2.20GHz	210	2745	NA	NA
Intel Pentium 4 2.26GHz	221	2734	NA	NA
Intel Pentium 4 2.40GHz	228	2727	NA	NA
Intel Pentium 4 2.50GHz	245	2712	NA	NA
Intel Pentium 4 2.53GHz	248	2708	NA	NA
Intel Pentium 4 2.60GHz	288	2654	NA	NA
Intel Pentium 4 2.66GHz	254	2700	NA	NA
Intel Pentium 4 2.80GHz	322	2602	NA	NA
Intel Pentium 4 2.93GHz	299	2636	NA	NA
Intel Pentium 4 3.00GHz	353	2573	NA	NA
Intel Pentium 4 3.06GHz	347	2577	NA	NA
Intel Pentium 4 3.20GHz	374	2544	NA	NA
Intel Pentium 4 3.40GHz	396	2523	NA	NA
Intel Pentium 4 3.46GHz	487	2418	NA	NA
Intel Pentium 4 3.60GHz	487	2419	NA	NA
Intel Pentium 4 3.73GHz	486	2422	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	2424	NA	NA
Intel Pentium 4 3.83GHz	195	2759	NA	NA
Intel Pentium 4 4.00GHz	184	2769	NA	NA
Intel Pentium 4 1300MHz	119	2805	NA	NA
Intel Pentium 4 1400MHz	127	2802	NA	NA
Intel Pentium 4 1500MHz	125	2803	NA	NA
Intel Pentium 4 1600MHz	193	2763	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2789	NA	NA
Intel Pentium 4 1800MHz	162	2784	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2792	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2758	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2775	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2747	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2778	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2746	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2754	NA	NA
Intel Pentium 5 2.66GHz	705	2299	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2082	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1160	2049	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2055	NA	NA
Intel Pentium 987 @ 1.50GHz	1227	2010	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	1912	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1339	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1240	NA	NA
Intel Pentium 2020M @ 2.40GHz	2275	1506	16.98	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2417	1448	18.04	\$134.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 2117U @ 1.80GHz	1658	1792	12.38	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1820	1709	13.58	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2106	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2289	1495	NA	NA
Intel Pentium 3556U @ 1.70GHz	1698	1768	NA	NA
Intel Pentium 3558U @ 1.70GHz	1681	1775	NA	NA
Intel Pentium 3560M @ 2.40GHz	2270	1512	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1989	NA	NA
Intel Pentium 3805U @ 1.90GHz	1981	1627	NA	NA
Intel Pentium 3825U @ 1.90GHz	2521	1412	NA	NA
Intel Pentium 4405U @ 2.10GHz	2926	1274	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1594	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2047	1598	12.72	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3144	1204	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2204	1535	13.69	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1820	NA	NA
Intel Pentium B940 @ 2.00GHz	1726	1747	57.66	\$29.94*
Intel Pentium B950 @ 2.10GHz	1715	1755	NA	NA
Intel Pentium B960 @ 2.20GHz	1854	1690	37.86	\$48.99*
Intel Pentium B970 @ 2.30GHz	1959	1637	38.44	\$50.99*
Intel Pentium B980 @ 2.40GHz	2035	1603	29.10	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1022	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	533	2386	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium D 830 @ 3.00GHz	642	2329	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2359	NA	NA
Intel Pentium D 940 @ 3.20GHz	710	2297	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2282	NA	NA
Intel Pentium D 960 @ 3.60GHz	817	2247	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2220	5.50	\$157.95
Intel Pentium E2160 @ 1.80GHz	997	2141	77.05	\$12.95
Intel Pentium E2180 @ 2.00GHz	1088	2087	54.42	\$20.00
Intel Pentium E2200 @ 2.20GHz	1203	2023	16.05	\$75.00
Intel Pentium E2210 @ 2.20GHz	1174	2037	NA	NA
Intel Pentium E2220 @ 2.40GHz	1330	1948	8.42	\$157.95
Intel Pentium E5200 @ 2.50GHz	1486	1876	16.53	\$89.95
Intel Pentium E5300 @ 2.60GHz	1539	1848	77.16	\$19.95
Intel Pentium E5400 @ 2.70GHz	1598	1827	10.12	\$157.95
Intel Pentium E5500 @ 2.80GHz	1640	1800	82.23	\$19.95
Intel Pentium E5700 @ 3.00GHz	1737	1743	11.00	\$157.95
Intel Pentium E5800 @ 3.20GHz	1892	1670	16.90	\$112.01
Intel Pentium E6300 @ 2.80GHz	1709	1759	14.65	\$116.74
Intel Pentium E6500 @ 2.93GHz	1761	1726	104.94	\$16.79
Intel Pentium E6600 @ 3.06GHz	1866	1685	18.66	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1941	1645	77.68	\$24.99
Intel Pentium E6800 @ 3.33GHz	1984	1625	22.30	\$89.00
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2205	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2161	NA	NA
Intel Pentium G620 @ 2.60GHz	2290	1494	57.29	\$39.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G620T @ 2.20GHz	2028	1605	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2373	1466	23.73	\$100.00
Intel Pentium G630T @ 2.30GHz	2089	1581	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2530	1408	28.12	\$90.00*
Intel Pentium G640T @ 2.40GHz	1979	1628	NA	NA
Intel Pentium G645 @ 2.90GHz	2587	1386	27.23	\$95.00*
Intel Pentium G645T @ 2.50GHz	2288	1496	NA	NA
Intel Pentium G840 @ 2.80GHz	2561	1398	73.22	\$34.99*
Intel Pentium G850 @ 2.90GHz	2663	1363	88.83	\$29.99
Intel Pentium G860 @ 3.00GHz	2740	1340	33.02	\$82.99
Intel Pentium G870 @ 3.10GHz	2822	1307	29.10	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2595	1383	74.39	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2757	1335	95.49	\$28.88*
Intel Pentium G2020T @ 2.50GHz	2466	1433	51.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2872	1297	70.07	\$40.99*
Intel Pentium G2030T @ 2.60GHz	2513	1417	39.27	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1317	NA	NA
Intel Pentium G2120 @ 3.10GHz	3081	1222	19.27	\$159.95
Intel Pentium G2130 @ 3.20GHz	3207	1181	40.09	\$79.99
Intel Pentium G2140 @ 3.30GHz	3384	1132	40.30	\$84.00
Intel Pentium G3220 @ 3.00GHz	3131	1207	26.11	\$119.95
Intel Pentium G3220T @ 2.60GHz	2568	1396	36.70	\$69.99*
Intel Pentium G3240 @ 3.10GHz	3157	1201	25.28	\$124.89
Intel Pentium G3240T @ 2.70GHz	2874	1296	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3250 @ 3.20GHz	3251	1166	29.57	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2971	1259	33.02	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3882	1003	20.62	\$188.28
Intel Pentium G3260 @ 3.30GHz	3357	1139	22.39	\$149.99
Intel Pentium G3260T @ 2.90GHz	2930	1271	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1460	NA	NA
Intel Pentium G3420 @ 3.20GHz	3397	1128	30.89	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1245	18.80	\$159.99
Intel Pentium G3430 @ 3.30GHz	3395	1129	37.74	\$89.99
Intel Pentium G3440 @ 3.30GHz	3314	1148	20.72	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1216	NA	NA
Intel Pentium G3450 @ 3.40GHz	3700	1053	37.01	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1260	NA	NA
Intel Pentium G3460 @ 3.50GHz	3588	1078	12.45	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3717	1046	35.65	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3554	1087	31.66	\$112.29
Intel Pentium G4400T @ 2.90GHz	3221	1177	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1294	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3797	1026	38.37	\$98.99
Intel Pentium G4500T @ 3.00GHz	3471	1109	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	948	38.88	\$107.63
Intel Pentium G4560 @ 3.50GHz	4867	816	53.23	\$91.45
Intel Pentium G4560T @ 2.90GHz	4047	969	36.79	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5085	768	53.84	\$94.45

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4600T @ 3.00GHz	4272	929	24.10	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5204	749	45.79	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1859	1687	120.79	\$15.39
Intel Pentium G6951 @ 2.80GHz	2140	1557	22.77	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2083	1586	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5201	752	25.72	\$202.22
Intel Pentium Gold G5400T @ 3.10GHz	5048	783	78.89	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5214	748	29.13	\$178.99
Intel Pentium Gold G5500T @ 3.20GHz	4218	941	56.24	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5683	683	37.41	\$151.91
Intel Pentium III 933S @ 933MHz	238	2721	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2659	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2674	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2618	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2639	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2635	NA	NA
Intel Pentium III Mobile 750MHz	103	2808	NA	NA
Intel Pentium III Mobile 800MHz	182	2772	NA	NA
Intel Pentium III Mobile 866MHz	152	2790	NA	NA
Intel Pentium III Mobile 933MHz	218	2736	7.55	\$28.99*
Intel Pentium III Mobile 1000MHz	245	2711	NA	NA
Intel Pentium III Mobile 1066MHz	246	2710	NA	NA
Intel Pentium III Mobile 1133MHz	251	2704	NA	NA
Intel Pentium III Mobile 1200MHz	240	2718	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1699	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium J2900 @ 2.41GHz	1962	1634	NA	NA
Intel Pentium J3710 @ 1.60GHz	1923	1652	NA	NA
Intel Pentium J4205 @ 1.50GHz	2302	1492	NA	NA
Intel Pentium M 1.10GHz	282	2665	NA	NA
Intel Pentium M 1.20GHz	298	2637	NA	NA
Intel Pentium M 1.30GHz	301	2629	NA	NA
Intel Pentium M 1.40GHz	345	2581	NA	NA
Intel Pentium M 1.50GHz	366	2558	NA	NA
Intel Pentium M 1.60GHz	364	2562	NA	NA
Intel Pentium M 1.70GHz	406	2506	NA	NA
Intel Pentium M 1.73GHz	412	2496	NA	NA
Intel Pentium M 1.80GHz	409	2499	NA	NA
Intel Pentium M 1.86GHz	438	2473	NA	NA
Intel Pentium M 2.00GHz	462	2446	NA	NA
Intel Pentium M 2.10GHz	448	2461	NA	NA
Intel Pentium M 2.13GHz	504	2407	NA	NA
Intel Pentium M 2.26GHz	509	2404	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2429	NA	NA
Intel Pentium M 900MHz	217	2739	NA	NA
Intel Pentium M 1000MHz	233	2724	NA	NA
Intel Pentium M 1100MHz	259	2695	NA	NA
Intel Pentium M 1200MHz	237	2722	NA	NA
Intel Pentium M 1300MHz	303	2624	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1400MHz	321	2603	NA	NA
Intel Pentium M 1500MHz	354	2570	NA	NA
Intel Pentium M 1600MHz	332	2594	NA	NA
Intel Pentium M 1700MHz	376	2543	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1859	NA	NA
Intel Pentium N3520 @ 2.16GHz	1796	1715	NA	NA
Intel Pentium N3530 @ 2.16GHz	1894	1669	NA	NA
Intel Pentium N3540 @ 2.16GHz	1930	1649	7.69	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1832	1703	4.12	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1859	1686	NA	NA
Intel Pentium N4200 @ 1.10GHz	2026	1606	9.06	\$223.66
Intel Pentium P6000 @ 1.87GHz	1245	2005	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	1950	110.50	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1348	1938	29.99	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1921	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2904	1283	13.21	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2445	1440	15.19	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2507	NA	NA
Intel Pentium SU4100 @ 1.30GHz	858	2225	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2235	NA	NA
Intel Pentium T2060 @ 1.60GHz	662	2318	NA	NA
Intel Pentium T2080 @ 1.73GHz	704	2301	4.40	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2296	NA	NA
Intel Pentium T2310 @ 1.46GHz	733	2284	NA	NA
Intel Pentium T2330 @ 1.60GHz	830	2241	NA	NA
Intel Pentium T2370 @ 1.73GHz	843	2234	24.10	\$35.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2390 @ 1.86GHz	945	2182	NA	NA
Intel Pentium T2410 @ 2.00GHz	978	2154	NA	NA
Intel Pentium T3200 @ 2.00GHz	1030	2117	85.91	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1112	2069	12.37	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1149	2053	95.79	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1234	2007	NA	NA
Intel Pentium T4400 @ 2.20GHz	1283	1977	NA	NA
Intel Pentium T4500 @ 2.30GHz	1335	1945	NA	NA
Intel Pentium U5400 @ 1.20GHz	812	2252	NA	NA
Intel Pentium U5600 @ 1.33GHz	943	2184	NA	NA
Intel T1200 @ 1.50GHz	435	2479	NA	NA
Intel T1400 @ 1.73GHz	929	2191	NA	NA
Intel T1500 @ 1.86GHz	953	2175	NA	NA
Intel T2050 @ 2.00GHz	959	2171	NA	NA
Intel Xeon 2.00GHz	233	2723	NA	NA
Intel XEON 2.20GHz	252	2702	NA	NA
Intel Xeon 2.40GHz	276	2677	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2478	NA	NA
Intel Xeon 2.80GHz	400	2518	NA	NA
Intel Xeon 3.00GHz	391	2531	NA	NA
Intel Xeon 3.06GHz	491	2414	NA	NA
Intel Xeon 3.20GHz	461	2449	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3.40GHz	478	2432	NA	NA
Intel Xeon 3.60GHz	509	2403	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2113	NA	NA
Intel Xeon 3.80GHz	604	2348	0.71	\$851.00*
Intel Xeon 1500MHz	193	2762	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1975	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	1960	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1860	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1856	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1721	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1698	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1839	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2097	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	2001	0.77	\$1,619.99
Intel Xeon 5130 @ 2.00GHz	1369	1926	43.53	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1826	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1801	34.89	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1832	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1753	1732	16.86	\$103.99*
Intel Xeon 5160 @ 3.00GHz	1961	1635	153.02	\$12.82*
Intel Xeon @ 2.20GHz	1902	1664	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5664	687	24.11	\$234.89
Intel Xeon D-1518 @ 2.20GHz	5322	739	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	675	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	554	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	435	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	313	27.96	\$348.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1537 @ 1.70GHz	7731	481	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	248	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11069	229	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	452	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	140	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13950	153	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	441	38.22	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	182	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	158	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18627	64	10.56	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6101	638	32.11	\$190.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6688	582	20.32	\$329.11
Intel Xeon E3-1220 v3 @ 3.10GHz	7107	541	17.34	\$409.95
Intel Xeon E3-1220 v5 @ 3.00GHz	7740	480	29.69	\$260.67
Intel Xeon E3-1220 v6 @ 3.00GHz	7859	467	34.32	\$229.00
Intel Xeon E3-1220L @ 2.20GHz	3563	1084	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	902	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1574	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5911	658	33.78	\$175.00*
Intel Xeon E3-1225 V2 @ 3.20GHz	6872	563	13.61	\$504.97
Intel Xeon E3-1225 v3 @ 3.20GHz	7218	531	15.75	\$458.34*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1225 v5 @ 3.30GHz	7820	472	29.18	\$268.04*
Intel Xeon E3-1225 v6 @ 3.30GHz	8136	442	34.33	\$236.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7538	499	13.39	\$563.00
Intel Xeon E3-1230 @ 3.20GHz	7850	469	43.37	\$181.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8856	391	25.15	\$352.10
Intel Xeon E3-1230 v3 @ 3.30GHz	9313	347	35.60	\$261.66*
Intel Xeon E3-1230 v5 @ 3.40GHz	9779	308	23.74	\$411.99*
Intel Xeon E3-1230 v6 @ 3.50GHz	9725	314	37.41	\$259.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	530	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9630	320	16.61	\$579.72
Intel Xeon E3-1235 @ 3.20GHz	7680	487	31.48	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	602	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7958	460	32.62	\$244.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9141	361	16.93	\$539.95
Intel Xeon E3-1240 v3 @ 3.40GHz	9662	319	25.14	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10387	256	30.40	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10332	261	35.63	\$289.99
Intel Xeon E3-1240L v3 @ 2.00GHz	7513	500	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	476	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10015	287	12.92	\$775.00*
Intel Xeon E3-1245 @ 3.30GHz	7999	458	30.77	\$260.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9131	362	15.03	\$607.59
Intel Xeon E3-1245 v3 @ 3.40GHz	9581	322	31.01	\$309.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10182	271	29.49	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10553	249	34.04	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9853	299	24.09	\$409.00
Intel Xeon E3-1260L @ 2.40GHz	6534	594	76.32	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	267	20.85	\$490.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1265L @ 2.40GHz	6038	645	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7599	496	53.36	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	9210	357	12.97	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	368	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	470	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	405	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	432	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9466	333	33.54	\$282.22
Intel Xeon E3-1270 v3 @ 3.50GHz	9898	297	26.75	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10280	264	27.49	\$374.00
Intel Xeon E3-1270 v6 @ 3.80GHz	11135	223	32.35	\$344.27
Intel Xeon E3-1270L v4 @ 3.00GHz	10697	245	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10089	278	11.36	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8328	427	27.40	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9447	338	23.93	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	9901	295	24.69	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10358	259	18.73	\$553.00*
Intel Xeon E3-1275 v6 @ 3.80GHz	11110	224	30.86	\$359.99
Intel Xeon E3-1275L v3 @ 2.70GHz	8891	389	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10177	272	9.49	\$1,073.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1280 @ 3.50GHz	8465	417	23.01	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9448	336	11.00	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9765	312	14.00	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	246	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	218	20.23	\$562.00*
Intel Xeon E3-1281 v3 @ 3.70GHz	10349	260	11.79	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10359	258	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	252	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	210	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	292	12.35	\$808.02
Intel Xeon E3-1285L v4 @ 3.40GHz	11048	230	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	296	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	327	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	402	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	317	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	614	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8923	386	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9845	300	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10093	277	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9313	348	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10604	247	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10449	254	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10755	240	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10743	242	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10198	268	22.92	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	525	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	510	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5563	697	21.19	\$262.59*
Intel Xeon E5-1603 v3 @ 2.80GHz	6188	627	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1603 v4 @ 2.80GHz	6432	605	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5860	662	266.50	\$21.99*
Intel Xeon E5-1607 v2 @ 3.00GHz	6228	622	19.90	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6947	556	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	528	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9048	369	27.43	\$329.93
Intel Xeon E5-1620 v2 @ 3.70GHz	9467	332	135.28	\$69.99*
Intel Xeon E5-1620 v3 @ 3.50GHz	9766	311	61.04	\$159.99
Intel Xeon E5-1620 v4 @ 3.50GHz	9921	293	32.43	\$305.95
Intel Xeon E5-1630 v3 @ 3.70GHz	10260	265	17.16	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10321	262	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11721	214	129.98	\$90.18
Intel Xeon E5-1650 v2 @ 3.50GHz	12719	187	105.33	\$120.76
Intel Xeon E5-1650 v3 @ 3.50GHz	13615	167	20.17	\$674.99
Intel Xeon E5-1650 v4 @ 3.60GHz	14235	147	22.60	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12364	197	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13758	160	7.61	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14565	138	9.01	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16192	101	13.17	\$1,229.52*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1680 v2 @ 3.00GHz	16258	99	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16431	91	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	81	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	71	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1095	10.37	\$339.97
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1120	18.09	\$189.00*
Intel Xeon E5-2407 @ 2.20GHz	4027	973	172.76	\$23.31*
Intel Xeon E5-2407 v2 @ 2.40GHz	4498	886	9.44	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	751	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	547	18.06	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8632	411	41.30	\$209.00*
Intel Xeon E5-2430 @ 2.20GHz	6878	562	9.42	\$729.95
Intel Xeon E5-2430 v2 @ 2.50GHz	8833	394	88.34	\$100.00
Intel Xeon E5-2430L @ 2.00GHz	7269	527	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	588	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	358	183.72	\$49.96
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	340	18.48	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	381	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	270	27.61	\$369.00*
Intel Xeon E5-2450L @ 1.80GHz	8261	429	103.28	\$79.99
Intel Xeon E5-2470 @ 2.30GHz	10061	282	31.77	\$316.72*
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	183	25.22	\$509.00
Intel Xeon E5-2603 @ 1.80GHz	3580	1081	16.61	\$215.55*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1033	127.15	\$29.62
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	756	14.50	\$357.33
Intel Xeon E5-2603 v4 @ 1.70GHz	5451	716	23.70	\$229.99*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	468	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4616	860	67.43	\$68.46
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	758	34.56	\$149.00
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	654	14.89	\$399.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2609 v4 @ 1.70GHz	6890	561	19.15	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	204	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	137	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7919	463	85.05	\$93.12
Intel Xeon E5-2620 v2 @ 2.10GHz	8688	406	197.96	\$43.89
Intel Xeon E5-2620 v3 @ 2.40GHz	10020	285	27.16	\$369.00
Intel Xeon E5-2620 v4 @ 2.10GHz	11367	219	28.78	\$395.00
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	384	22.07	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8457	419	15.40	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	342	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	209	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	177	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	232	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8860	390	75.05	\$118.05*
Intel Xeon E5-2630 v2 @ 2.60GHz	10382	257	157.49	\$65.92
Intel Xeon E5-2630 v3 @ 2.40GHz	12799	184	26.39	\$485.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13896	156	21.06	\$659.99
Intel Xeon E5-2630L @ 2.00GHz	7865	466	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2630L v2 @ 2.40GHz	9006	377	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9476	331	12.60	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	181	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9447	337	15.54	\$607.99*
Intel Xeon E5-2637 v3 @ 3.50GHz	10144	273	7.83	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	253	9.75	\$1,073.78*
Intel Xeon E5-2640 @ 2.50GHz	9477	330	273.43	\$34.66
Intel Xeon E5-2640 v2 @ 2.00GHz	10143	274	70.49	\$143.90
Intel Xeon E5-2640 v3 @ 2.60GHz	13924	155	11.71	\$1,188.74*
Intel Xeon E5-2640 v4 @ 2.40GHz	15329	122	16.40	\$934.59*
Intel Xeon E5-2643 @ 3.30GHz	8436	420	3.79	\$2,226.00*
Intel Xeon E5-2643 v2 @ 3.50GHz	12957	180	78.37	\$165.34
Intel Xeon E5-2643 v3 @ 3.40GHz	13844	157	5.52	\$2,509.95
Intel Xeon E5-2643 v4 @ 3.40GHz	13618	166	8.28	\$1,645.52
Intel Xeon E5-2648L @ 1.80GHz	7426	512	NA	NA
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	217	7.30	\$1,560.86
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	162	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	132	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10129	275	93.79	\$108.00
Intel Xeon E5-2650 v2 @ 2.60GHz	13136	176	52.76	\$249.00
Intel Xeon E5-2650 v3 @ 2.30GHz	14848	131	41.25	\$359.99*
Intel Xeon E5-2650 v4 @ 2.20GHz	15852	113	12.39	\$1,279.07*
Intel Xeon E5-2650L @ 1.80GHz	8676	407	109.83	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9777	309	51.62	\$189.41
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	170	9.66	\$1,399.00
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	151	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	221	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	329	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	149	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	98	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	85	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2660 @ 2.20GHz	11098	227	108.81	\$102.00
Intel Xeon E5-2660 v2 @ 2.20GHz	13274	173	61.81	\$214.76
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	102	11.98	\$1,351.02
Intel Xeon E5-2660 v4 @ 2.00GHz	17069	82	9.70	\$1,760.00*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	152	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11566	216	77.97	\$148.34*
Intel Xeon E5-2667 @ 2.90GHz	10400	255	160.13	\$64.95
Intel Xeon E5-2667 v2 @ 3.30GHz	16240	100	21.27	\$763.56
Intel Xeon E5-2667 v3 @ 3.20GHz	16119	104	6.09	\$2,649.00
Intel Xeon E5-2667 v4 @ 3.20GHz	16447	90	7.46	\$2,205.58
Intel Xeon E5-2670 @ 2.60GHz	12130	205	127.55	\$95.10
Intel Xeon E5-2670 v2 @ 2.50GHz	14966	130	85.04	\$175.99
Intel Xeon E5-2670 v3 @ 2.30GHz	16303	97	10.37	\$1,572.00*
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	95	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16715	86	23.88	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	36	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15073	126	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	76	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	84	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	15	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12594	194	112.61	\$111.84
Intel Xeon E5-2680 v2 @ 2.80GHz	15914	110	64.17	\$248.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18585	65	18.73	\$992.31
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	49	11.28	\$1,762.90*
Intel Xeon E5-2682 v4 @ 2.50GHz	21066	42	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17405	77	8.77	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	61	9.12	\$2,087.48*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	128	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	60	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	52	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14381	143	34.66	\$415.00
Intel Xeon E5-2687W v2 @ 3.40GHz	16474	89	7.82	\$2,105.59*
Intel Xeon E5-2687W v3 @ 3.10GHz	17730	74	5.89	\$3,008.95
Intel Xeon E5-2687W v4 @ 3.00GHz	19860	50	8.61	\$2,307.31*
Intel Xeon E5-2689 @ 2.60GHz	13427	171	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19931	48	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13640	163	85.79	\$159.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16428	92	51.17	\$321.03
Intel Xeon E5-2690 v3 @ 2.60GHz	19275	59	8.70	\$2,215.86*
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	38	9.07	\$2,350.88*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	107	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15792	115	8.87	\$1,779.95*
Intel Xeon E5-2695 v3 @ 2.30GHz	20081	46	9.99	\$2,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	43	7.70	\$2,629.77
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	88	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22427	24	8.98	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21088	40	7.01	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17354	78	8.79	\$1,974.91
Intel Xeon E5-2697 v3 @ 2.60GHz	21368	37	29.07	\$735.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	35	7.05	\$3,055.00
Intel Xeon E5-2697A v4 @ 2.60GHz	22320	26	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21133	39	6.17	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	33	6.77	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	25	4.97	\$4,505.95*
Intel Xeon E5-2699 v4 @ 2.20GHz	23200	22	5.16	\$4,496.48
Intel Xeon E5-4603 @ 2.00GHz	5014	791	2.65	\$1,890.99*
Intel Xeon E5-4617 @ 2.90GHz	9029	372	100.44	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	446	43.00	\$189.00*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	139	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	117	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	250	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	188	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	228	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11860	212	124.21	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	213	1.36	\$8,684.50*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	198	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	112	5.30	\$3,000.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15556	116	3.24	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	165	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1210	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2167	1548	94.26	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1444	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1523	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1909	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1446	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1513	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1498	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1416	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2923	1276	73.12	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2850	1301	48.31	\$59.00*
Intel Xeon E5410 @ 2.33GHz	3268	1160	55.39	\$59.00
Intel Xeon E5420 @ 2.50GHz	3499	1099	13.46	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3770	1031	54.65	\$69.00
Intel Xeon E5440 @ 2.83GHz	3975	986	33.15	\$119.95*
Intel Xeon E5450 @ 3.00GHz	4189	945	18.22	\$229.95*
Intel Xeon E5462 @ 2.80GHz	3870	1005	141.78	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4123	960	75.25	\$54.80*
Intel Xeon E5502 @ 1.87GHz	1378	1922	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1911	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2694	1353	38.52	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2977	1257	196.29	\$15.17*
Intel Xeon E5507 @ 2.27GHz	3137	1205	6.87	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4435	896	147.90	\$29.99*
Intel Xeon E5530 @ 2.40GHz	4564	870	152.14	\$30.00*
Intel Xeon E5540 @ 2.53GHz	4758	835	80.66	\$59.00*
Intel Xeon E5603 @ 1.60GHz	2366	1472	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3050	1233	13.93	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3387	1131	15.47	\$219.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5620 @ 2.40GHz	4810	824	69.72	\$69.00
Intel Xeon E5630 @ 2.53GHz	5088	767	28.27	\$179.95*
Intel Xeon E5640 @ 2.67GHz	5256	745	88.36	\$59.49*
Intel Xeon E5645 @ 2.40GHz	6477	601	24.92	\$259.95
Intel Xeon E5649 @ 2.53GHz	6936	558	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1449	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	471	40.54	\$193.00*
Intel Xeon E-2124G @ 3.40GHz	9840	301	46.20	\$213.00*
Intel Xeon E-2134 @ 3.50GHz	10310	263	40.28	\$256.00*
Intel Xeon E-2136 @ 3.30GHz	16129	103	56.79	\$284.00*
Intel Xeon E-2146G @ 3.50GHz	16068	105	51.67	\$311.00*
Intel Xeon E-2174G @ 3.80GHz	12188	203	29.92	\$407.38
Intel Xeon E-2176G @ 3.70GHz	15335	121	42.36	\$362.00*
Intel Xeon E-2176M @ 2.70GHz	13934	154	30.97	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	15406	118	34.24	\$450.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2186M @ 2.90GHz	14609	135	23.45	\$623.00*
Intel Xeon Gold 5118 @ 2.30GHz	16389	93	11.95	\$1,371.05*
Intel Xeon Gold 5120 @ 2.20GHz	16308	96	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	72	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	11104	226	8.57	\$1,294.99
Intel Xeon Gold 6126 @ 2.60GHz	19711	53	10.42	\$1,891.07
Intel Xeon Gold 6128 @ 3.40GHz	15022	127	8.15	\$1,842.27*
Intel Xeon Gold 6130 @ 2.10GHz	19277	58	9.89	\$1,949.99
Intel Xeon Gold 6132 @ 2.60GHz	23907	20	10.88	\$2,198.00*
Intel Xeon Gold 6134 @ 3.20GHz	18083	73	7.94	\$2,279.00
Intel Xeon Gold 6136 @ 3.00GHz	21079	41	7.87	\$2,677.82*
Intel Xeon Gold 6138 @ 2.00GHz	25416	13	9.56	\$2,659.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	19	9.25	\$2,589.99*
Intel Xeon Gold 6144 @ 3.50GHz	19654	54	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	16	6.87	\$3,658.34*
Intel Xeon Gold 6148 @ 2.40GHz	26660	8	9.08	\$2,935.00*
Intel Xeon Gold 6154 @ 3.00GHz	27722	7	7.22	\$3,839.78*
Intel Xeon L3110 @ 3.00GHz	2273	1510	NA	NA
Intel Xeon L3360 @ 2.83GHz	3864	1007	43.31	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1943	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	1013	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1707	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1511	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1507	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1559	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1336	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3037	1237	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1137	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3504	1098	127.42	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3716	1047	23.53	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1048	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	909	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	915	311.73	\$13.96*
Intel Xeon L5630 @ 2.13GHz	4369	911	252.11	\$17.33*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5638 @ 2.00GHz	5556	698	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	565	NA	NA
Intel Xeon L5640 @ 2.27GHz	6344	616	211.71	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1014	NA	NA
Intel Xeon MV 3.20GHz	683	2312	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26652	9	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	28683	3	4.87	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	2	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	4	NA	NA
Intel Xeon Silver 4108 @ 1.80GHz	10883	237	23.79	\$457.51*
Intel Xeon Silver 4109T @ 2.00GHz	10854	239	21.67	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	12020	207	22.14	\$542.99
Intel Xeon Silver 4112 @ 2.60GHz	8611	412	16.56	\$519.96*
Intel Xeon Silver 4114 @ 2.20GHz	14304	146	19.84	\$720.92

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Silver 4116 @ 2.10GHz	15320	123	13.67	\$1,121.16*
Intel Xeon Silver 4123 @ 3.00GHz	15185	124	NA	NA
Intel Xeon W3503 @ 2.40GHz	1754	1731	108.17	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1856	1688	NA	NA
Intel Xeon W3520 @ 2.67GHz	5057	778	175.91	\$28.75*
Intel Xeon W3530 @ 2.80GHz	5359	730	18.23	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	708	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5696	681	95.02	\$59.95*
Intel Xeon W3565 @ 3.20GHz	5943	653	84.97	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6076	642	12.66	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6404	610	29.86	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8150	440	16.30	\$499.99*
Intel Xeon W3680 @ 3.33GHz	9041	370	11.90	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9142	360	9.14	\$1,000.00*
Intel Xeon W5580 @ 3.20GHz	5836	667	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	628	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	7030	549	20.80	\$337.99*
Intel Xeon W-2104 @ 3.20GHz	7439	508	29.17	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10734	244	26.99	\$397.72
Intel Xeon W-2125 @ 4.00GHz	12377	196	24.60	\$503.10
Intel Xeon W-2133 @ 3.60GHz	14097	150	22.85	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16326	94	15.87	\$1,029.02
Intel Xeon W-2140B @ 3.20GHz	18573	66	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19608	55	15.03	\$1,304.26*
Intel Xeon W-2150B @ 3.00GHz	21589	34	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21876	31	14.29	\$1,530.39*
Intel Xeon W-2195 @ 2.30GHz	24983	17	8.93	\$2,797.72
Intel Xeon X3210 @ 2.13GHz	2739	1341	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1219	14.71	\$209.95*
Intel Xeon X3230 @ 2.66GHz	3398	1127	9.44	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3309	1152	14.42	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3167	1191	163.59	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3379	1134	16.09	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3847	1010	64.14	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1009	52.43	\$73.50*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3360 @ 2.83GHz	3954	992	25.04	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3994	980	117.18	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	928	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	849	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3357	1140	159.49	\$21.05*
Intel Xeon X3440 @ 2.53GHz	4539	879	20.17	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4779	833	59.78	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5117	762	14.33	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5118	761	10.04	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	688	NA	NA
Intel Xeon X5260 @ 3.33GHz	2453	1435	17.62	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2553	1401	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1459	17.10	\$140.00*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5355 @ 2.66GHz	3223	1174	78.63	\$41.00*
Intel Xeon X5365 @ 3.00GHz	3491	1101	35.09	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4117	961	82.37	\$49.99*
Intel Xeon X5460 @ 3.16GHz	4326	921	43.36	\$99.78*
Intel Xeon X5470 @ 3.33GHz	4596	866	24.32	\$189.00*
Intel Xeon X5472 @ 3.00GHz	3996	978	17.76	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4539	880	45.39	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4844	822	3.48	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5387	725	311.96	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5399	724	93.17	\$57.95*
Intel Xeon X5570 @ 2.93GHz	5679	684	63.81	\$89.00*
Intel Xeon X5647 @ 2.93GHz	5980	648	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7403	515	291.12	\$25.43
Intel Xeon X5660 @ 2.80GHz	7610	495	84.28	\$90.30
Intel Xeon X5667 @ 3.07GHz	6291	619	79.63	\$79.00*
Intel Xeon X5670 @ 2.93GHz	7911	464	197.78	\$40.00
Intel Xeon X5672 @ 3.20GHz	6419	608	22.63	\$283.72*
Intel Xeon X5675 @ 3.07GHz	8221	433	102.78	\$79.99
Intel Xeon X5677 @ 3.47GHz	6982	553	66.50	\$105.00*
Intel Xeon X5679 @ 3.20GHz	8845	392	NA	NA
Intel Xeon X5680 @ 3.33GHz	8543	415	85.44	\$100.00
Intel Xeon X5687 @ 3.60GHz	7081	543	64.97	\$109.00
Intel Xeon X5690 @ 3.47GHz	8894	387	63.99	\$139.00
Intel Xeon X5698 @ 4.40GHz	4272	930	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1256	NA	NA
Mobile AMD Athlon 4	314	2611	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2567	NA	NA
Mobile AMD Athlon 64 2700+	398	2519	NA	NA
Mobile AMD Athlon 64 2800+	440	2469	NA	NA
Mobile AMD Athlon 64 3000+	450	2458	NA	NA
Mobile AMD Athlon 64 3200+	448	2462	NA	NA
Mobile AMD Athlon 64 3400+	511	2402	NA	NA
Mobile AMD Athlon 64 3700+	435	2480	NA	NA
Mobile AMD Athlon 64 4000+	576	2362	NA	NA
Mobile AMD Athlon 1400+	266	2688	NA	NA
Mobile AMD Athlon 2500+	370	2552	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 1800+	265	2689	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2541	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2643	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2412	NA	NA
Mobile AMD Athlon XP	572	2367	45.81	\$12.49*
Mobile AMD Athlon XP-M	512	2401	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2770	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2692	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2696	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2600	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2638	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2585	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M 2000+	300	2631	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2563	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2580	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2578	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2551	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2560	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2559	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2471	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2420	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2405	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2650	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2642	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2590	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2549	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2435	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2406	NA	NA
Mobile AMD Sempron 2100+	252	2703	NA	NA
Mobile AMD Sempron 2600+	394	2526	NA	NA
Mobile AMD Sempron 2800+	361	2565	NA	NA
Mobile AMD Sempron 3000+	389	2535	NA	NA
Mobile AMD Sempron 3100+	416	2493	NA	NA
Mobile AMD Sempron 3200+	354	2571	NA	NA
Mobile AMD Sempron 3300+	445	2465	NA	NA
Mobile AMD Sempron 3400+	440	2470	NA	NA
Mobile AMD Sempron 3500+	408	2504	NA	NA
Mobile AMD Sempron 3600+	427	2488	NA	NA
Mobile AMD Sempron 3800+	485	2425	NA	NA
Mobile Intel Celeron 1.20GHz	170	2781	NA	NA
Mobile Intel Celeron 1.50GHz	188	2765	NA	NA
Mobile Intel Celeron 1.60GHz	188	2766	NA	NA
Mobile Intel Celeron 1.70GHz	181	2774	NA	NA
Mobile Intel Celeron 1.80GHz	186	2768	NA	NA
Mobile Intel Celeron 2.00GHz	204	2750	NA	NA
Mobile Intel Celeron 2.20GHz	226	2730	NA	NA
Mobile Intel Celeron 2.40GHz	239	2719	NA	NA
Mobile Intel Celeron 2.50GHz	281	2668	NA	NA
Mobile Intel Celeron 1200MHz	294	2644	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 1333MHz	280	2671	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2676	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2691	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2673	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2609	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2588	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2568	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2472	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2433	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2760	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2780	0.55	\$317.59

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 - M 1.80GHz	175	2777	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2725	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2755	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2757	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2741	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2698	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2613	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2744	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2756	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2707	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2648	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2731	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2649	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1422	NA	NA
Quad-Core AMD Opteron 1385	3442	1116	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3427	1118	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1275	NA	NA
VIA C3 Ezra	100	2809	NA	NA
VIA C7 1500MHz	284	2660	NA	NA
VIA C7-D 1500MHz	287	2656	NA	NA
VIA C7-D 1800MHz	203	2752	NA	NA
VIA C7-D 2000MHz	368	2555	NA	NA
VIA C7-M 1000MHz	164	2783	NA	NA
VIA C7-M 1200MHz	140	2796	NA	NA
VIA C7-M 1600MHz	178	2776	NA	NA
VIA C7-M 6300MHz	222	2733	NA	NA
VIA Eden 800MHz	155	2787	NA	NA
VIA Eden 1000MHz	123	2804	NA	NA
VIA Eden 1200MHz	142	2795	NA	NA
VIA Eden C1050@1.06GHz	352	2574	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2431	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	2057	NA	NA
VIA Esther 1000MHz	146	2794	NA	NA
VIA Esther 1300MHz	250	2705	NA	NA
VIA Esther 1500MHz	219	2735	NA	NA
VIA Esther 2000MHz	394	2525	NA	NA
VIA Nano L1900@1400MHz	457	2453	NA	NA
VIA Nano L2007@1600MHz	369	2553	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano L2100@1800MHz	428	2486	NA	NA
VIA Nano L2207@1600MHz	296	2640	NA	NA
VIA Nano L3025@1600MHz	517	2396	NA	NA
VIA Nano L3050@1800MHz	581	2360	NA	NA
VIA Nano L3600@2000MHz	645	2326	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2542	NA	NA
VIA Nano U2250@1300+MHz	274	2680	NA	NA
VIA Nano U2500@1200MHz	306	2623	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2409	NA	NA
VIA Nano U3300@1200MHz	409	2498	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano U3500@1000MHz	275	2678	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2346	NA	NA
VIA Nehemiah	155	2788	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1667	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1928	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2038	NA	NA
VIA Samuel 2	79	2811	NA	NA

\* - Last price seen from our affiliates.

## Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	286	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	120	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	390	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	396	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	442	NA	NA
[Dual CPU] AMD EPYC 7281	12720	171	9.22	\$1,379.74
[Dual CPU] AMD EPYC 7371	23933	60	NA	NA
[Dual CPU] AMD EPYC 7401	23518	63	5.80	\$4,057.96
[Dual CPU] AMD EPYC 7451	28957	29	4.39	\$6,590.60
[Dual CPU] AMD EPYC 7501	27504	39	3.17	\$8,667.38
[Dual CPU] AMD EPYC 7551	30966	21	3.33	\$9,296.96
[Dual CPU] AMD EPYC 7601	33545	15	3.65	\$9,194.78
[Dual CPU] AMD Opteron 246	1130	431	28.26	\$39.98
[Dual CPU] AMD Opteron 248	1053	432	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	428	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1385	429	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	437	NA	NA
[Dual CPU] AMD Opteron 256	1853	425	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	423	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	419	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	422	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	414	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	405	NA	NA
[Dual CPU] AMD Opteron 290	2807	402	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	400	NA	NA
[Dual CPU] AMD Opteron 2212	2203	420	91.79	\$24.00*
[Dual CPU] AMD Opteron 2214	2344	415	40.41	\$58.00
[Dual CPU] AMD Opteron 2214 HE	2463	412	NA	NA
[Dual CPU] AMD Opteron 2216	2485	411	54.02	\$46.00
[Dual CPU] AMD Opteron 2216 HE	2593	408	NA	NA
[Dual CPU] AMD Opteron 2218	2719	406	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	409	NA	NA
[Dual CPU] AMD Opteron 2220	2853	399	0.97	\$2,950.32*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2220 SE	2882	398	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	394	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	388	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	378	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	385	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	379	7.55	\$539.98*
[Dual CPU] AMD Opteron 2354	4554	367	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	370	148.53	\$29.90
[Dual CPU] AMD Opteron 2360 SE	5315	349	98.43	\$54.00
[Dual CPU] AMD Opteron 2373 EE	4164	376	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	363	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	350	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	348	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	336	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	332	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	322	NA	NA
[Dual CPU] AMD Opteron 2389	5677	337	48.11	\$118.00
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	352	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	324	NA	NA
[Dual CPU] AMD Opteron 2427	5907	333	29.83	\$198.00
[Dual CPU] AMD Opteron 2431	6438	316	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7060	302	18.68	\$378.00
[Dual CPU] AMD Opteron 2439 SE	8071	271	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	380	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	339	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	319	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	317	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7848	277	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	270	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	273	NA	NA
[Dual CPU] AMD Opteron 4234	9361	240	20.35	\$459.98*
[Dual CPU] AMD Opteron 4276 HE	9681	233	NA	NA
[Dual CPU] AMD Opteron 4280	4525	368	45.26	\$99.98*
[Dual CPU] AMD Opteron 4284	8772	252	73.11	\$119.98
[Dual CPU] AMD Opteron 4334	9456	239	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	212	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	220	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	197	40.57	\$279.98
[Dual CPU] AMD Opteron 6128	6881	307	163.91	\$41.98
[Dual CPU] AMD Opteron 6128 HE	5582	342	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	255	NA	NA
[Dual CPU] AMD Opteron 6134	7586	288	86.22	\$87.98
[Dual CPU] AMD Opteron 6136	7255	296	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	355	NA	NA
[Dual CPU] AMD Opteron 6168	7741	283	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7621	287	38.49	\$198.00
[Dual CPU] AMD Opteron 6174	7853	276	39.66	\$198.00
[Dual CPU] AMD Opteron 6176 SE	8448	260	26.57	\$318.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6180 SE	3114	391	NA	NA
[Dual CPU] AMD Opteron 6204	7134	299	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8955	245	149.30	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	207	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	224	72.00	\$139.98*
[Dual CPU] AMD Opteron 6238	10349	214	86.26	\$119.98
[Dual CPU] AMD Opteron 6272	10008	227	83.41	\$119.98
[Dual CPU] AMD Opteron 6274	10536	210	22.04	\$478.00
[Dual CPU] AMD Opteron 6275	10900	206	NA	NA
[Dual CPU] AMD Opteron 6276	10194	222	27.11	\$375.98
[Dual CPU] AMD Opteron 6284 SE	11985	185	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	262	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10716	208	20.69	\$518.02
[Dual CPU] AMD Opteron 6328	11842	187	29.61	\$399.98
[Dual CPU] AMD Opteron 6344	11203	200	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	194	28.53	\$399.98
[Dual CPU] AMD Opteron 6376	10405	213	80.04	\$130.00
[Dual CPU] AMD Opteron 6378	2905	397	7.26	\$399.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6380	14200	155	71.01	\$199.98
[Dual CPU] AMD Opteron 6386 SE	11081	201	36.94	\$299.98
[Dual CPU] AMD Opteron 8218	2831	401	67.40	\$42.00
[Dual CPU] AMD Opteron 8220	2510	410	NA	NA
[Dual CPU] AMD Opteron 8222 SE	2793	404	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	389	73.25	\$44.00
[Dual CPU] AMD Opteron 8380	5643	340	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	351	NA	NA
[Dual CPU] AMD Opteron 8389	6517	313	41.25	\$158.00
[Dual CPU] AMD Opteron 8431	5813	334	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	310	46.80	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	285	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	430	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	417	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	384	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	275	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	451	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	449	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	445	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	447	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	452	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	453	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	450	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	448	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	443	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	439	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	780	438	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	441	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	436	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 3.40GHz	889	435	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	434	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	424	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	433	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2152	421	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	416	0.71	\$3,239.98
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2615	407	41.56	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	392	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2984	395	31.75	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	393	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3439	386	16.54	\$207.98*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3833	382	149.49	\$25.64*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8809	250	18.75	\$469.78
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11024	204	15.75	\$699.98*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	325	9.12	\$679.94
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	321	16.68	\$378.00*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7486	290	160.57	\$46.62*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	243	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11387	196	14.60	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11738	190	28.08	\$418.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	264	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	161	9.34	\$1,459.90
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	157	68.82	\$200.00
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	195	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	176	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	170	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	158	18.59	\$738.00*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	131	20.24	\$818.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	191	73.23	\$159.98
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	130	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	114	18.24	\$1,018.00
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	320	14.71	\$431.10*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	312	110.06	\$59.24
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8385	261	11.73	\$714.66
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8874	249	19.29	\$459.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8220	267	60.04	\$136.92
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8914	248	29.91	\$298.00
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9984	228	12.51	\$798.00
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	205	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12338	177	66.25	\$186.24
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13402	167	152.68	\$87.78
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15249	144	20.66	\$738.00
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16494	132	20.88	\$790.00
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14238	153	17.58	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	174	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	149	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13595	165	57.58	\$236.10*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16009	137	121.43	\$131.84

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18497	115	19.07	\$970.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18756	113	14.21	\$1,319.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	202	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	159	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	145	10.10	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	293	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15903	139	13.08	\$1,215.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16437	133	6.34	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16656	129	7.76	\$2,147.56*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14660	148	211.48	\$69.32
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14568	150	50.62	\$287.80
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20181	101	8.49	\$2,377.48*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20765	95	11.11	\$1,869.18*
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13667	160	3.07	\$4,452.00*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21043	90	63.64	\$330.68
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21083	89	4.20	\$5,019.90
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	82	6.54	\$3,291.04
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	180	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	11808	188	3.99	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	119	5.79	\$3,121.72
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	14948	146	69.20	\$216.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18956	111	38.06	\$498.00
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20362	98	28.28	\$719.98*
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20583	97	8.05	\$2,558.14*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	152	91.04	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14506	151	38.29	\$378.82
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	93	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13634	162	4.66	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	112	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	107	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16327	134	80.03	\$204.00
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18156	118	42.27	\$429.52
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22592	75	8.36	\$2,702.04
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23128	71	6.57	\$3,520.00*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	70	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17226	124	58.06	\$296.68*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	53	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17003	126	130.89	\$129.90
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22333	79	14.62	\$1,527.12
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23109	72	4.36	\$5,298.00
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23927	61	5.42	\$4,411.16
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18166	117	95.51	\$190.20
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20936	92	59.48	\$351.98
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	78	7.12	\$3,144.00*
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	65	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	69	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	26	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	102	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 E5-2678 v3 @ 2.50GHz	21498	84	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	25	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18209	116	81.41	\$223.68
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21445	85	43.24	\$496.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24795	55	12.49	\$1,984.62
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	66	6.63	\$3,525.80*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	127	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21159	88	5.33	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	52	5.99	\$4,174.96*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	80	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	42	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	31	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20965	91	25.26	\$830.00
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23312	68	5.54	\$4,211.18*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24146	58	4.01	\$6,017.90
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26677	43	5.78	\$4,614.62*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	103	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	46	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19626	104	61.72	\$318.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23681	62	36.88	\$642.06
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25757	49	5.81	\$4,431.72*
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27561	37	5.86	\$4,701.76*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20858	94	5.86	\$3,559.90*
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	54	6.18	\$4,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	50	4.87	\$5,259.54
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23483	64	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	24	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31434	19	5.22	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23329	67	5.91	\$3,949.82
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28246	34	19.21	\$1,470.00
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30631	23	5.01	\$6,110.00
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	35	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29637	27	4.33	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	17	5.00	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	59	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26333	44	2.92	\$9,011.90*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	14	3.78	\$8,992.96
[Dual CPU] Intel Xeon E5-2699A v4 @ 2.40GHz	7296	295	NA	NA
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	96	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	106	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	140	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	109	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	105	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19127	110	100.15	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	147	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	209	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	76	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	40	2.54	\$10,800.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	181	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	142	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	77	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	184	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	16047	135	42.45	\$378.00
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	226	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	418	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	381	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3566	383	36.39	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4167	375	53.77	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	358	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4573	366	128.67	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5123	354	64.05	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5175	353	43.86	\$118.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6024	329	51.05	\$118.00
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6353	318	12.22	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6849	309	49.63	\$138.00
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7163	298	29.86	\$239.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7536	289	16.39	\$459.90*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7112	300	130.26	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7836	280	71.50	\$109.60*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	413	12.93	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	403	4.88	\$574.02*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4891	360	34.96	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5004	357	164.93	\$30.34*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5434	345	5.95	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7425	292	123.79	\$59.98*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	284	128.40	\$60.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	278	66.51	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	377	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5548	343	12.67	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5992	330	13.68	\$438.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8066	272	58.45	\$138.00
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8308	265	23.08	\$359.90*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8790	251	73.88	\$118.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10319	217	19.85	\$519.90
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10310	218	44.83	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	344	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	347	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	81	8.06	\$2,731.06*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	57	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	87	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	21505	83	7.84	\$2,742.10*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	26018	48	8.33	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17491	121	6.75	\$2,589.98
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27262	41	7.21	\$3,782.14
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22869	73	6.21	\$3,684.54*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	22620	74	5.80	\$3,899.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	38	6.26	\$4,396.00*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25495	51	5.59	\$4,558.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	28778	32	5.37	\$5,355.64*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	36	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35063	11	6.59	\$5,319.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	33297	16	6.43	\$5,179.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	30	4.70	\$6,137.98
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28770	33	4.92	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29158	28	3.99	\$7,316.68*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	37650	4	6.41	\$5,870.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	20	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35387	10	4.56	\$7,752.38*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36640	5	4.77	\$7,679.56*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	369	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	373	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	361	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	341	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	326	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	315	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	328	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	359	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	306	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	305	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	274	284.35	\$27.92*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	304	202.14	\$34.66*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	246	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	235	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9678	234	161.46	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	444	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	446	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	440	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	426	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	6	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	35823	8	2.32	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39104	3	3.32	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	9	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	7	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	34585	13	1.73	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15702	141	17.16	\$915.02*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	17084	125	15.73	\$1,085.98
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	164	13.09	\$1,039.92*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19313	108	13.39	\$1,441.84

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	20362	99	9.08	\$2,242.32*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	223	47.23	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	215	2.06	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	219	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	364	17.08	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	365	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	362	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5770	335	70.37	\$82.00*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6221	323	31.26	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7449	291	74.50	\$99.98*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7845	279	39.31	\$199.56*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8156	269	21.58	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7780	281	17.29	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8197	268	40.99	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8688	254	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8971	244	259.73	\$34.54*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	241	78.38	\$115.90*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9533	238	53.56	\$178.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	230	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11331	198	222.79	\$50.86
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11648	192	64.50	\$180.60
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10334	216	65.41	\$158.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12278	179	153.48	\$80.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	225	17.76	\$567.44*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12596	173	78.73	\$159.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11302	199	53.82	\$210.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	163	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13593	166	67.97	\$200.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11984	186	54.97	\$218.00
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13798	156	49.63	\$278.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	259	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 X7350 @ 2.93GHz	6594	311	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	253	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	229	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11794	189	268.05	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	374	59.59	\$70.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	356	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	372	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	371	199.09	\$21.98*
[Dual CPU] Quad-Core AMD Opteron 8378	5382	346	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	308	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	338	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	331	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	263	NA	NA
[Quad CPU] AMD Opteron 6136	9767	231	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	257	21.70	\$396.00
[Quad CPU] AMD Opteron 6272	12292	178	51.23	\$239.96
[Quad CPU] AMD Opteron 6274	10488	211	10.97	\$956.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 6276	15342	143	20.40	\$751.96
[Quad CPU] AMD Opteron 6278	12055	183	9.75	\$1,236.00
[Quad CPU] AMD Opteron 6282 SE	11044	203	21.24	\$519.96*
[Quad CPU] AMD Opteron 6376	13257	168	50.99	\$260.00
[Quad CPU] AMD Opteron 6380	12442	175	31.11	\$399.96
[Quad CPU] AMD Opteron 8360 SE	6490	314	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	327	NA	NA
[Quad CPU] AMD Opteron 8382	8553	258	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	294	NA	NA
[Quad CPU] AMD Opteron 8431	8252	266	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	301	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	247	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	427	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	387	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	128	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	138	21.06	\$756.00*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	56	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	86	55.95	\$381.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	45	1.81	\$14,464.00*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	22	1.63	\$18,908.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	100	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	136	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	18	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	123	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	122	131.38	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14223	154	18.81	\$756.00
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	172	15.87	\$799.96*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	303	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	282	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	221	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	236	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	242	14.31	\$631.80*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	47	5.05	\$5,179.96
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	12	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	2	2.63	\$15,504.76*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	232	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	237	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12068	182	4.26	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	256	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	193	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	13145	169	149.38	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	297	163.10	\$43.96*

\* - Last price seen from our affiliates.

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