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CPU Benchmarks

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CPU List

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

Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2671	NA	NA
AMD A4 Micro-6400T APU	1544	1865	NA	NA
AMD A4 PRO-3340B	2402	1474	NA	NA
AMD A4 PRO-7300B APU	2372	1485	NA	NA
AMD A4 PRO-7350B	2227	1547	NA	NA
AMD A4-1200 APU	635	2351	NA	NA
AMD A4-1250 APU	618	2359	NA	NA
AMD A4-3300 APU	1501	1888	50.07	\$29.99*
AMD A4-3300M APU	1185	2051	39.54	\$29.99*
AMD A4-3305M APU	1220	2031	39.61	\$30.81*
AMD A4-3310MX APU	1287	1992	NA	NA
AMD A4-3320M APU	1253	2014	36.99	\$33.90*
AMD A4-3330MX APU	1212	2036	NA	NA
AMD A4-3400 APU	1594	1847	18.13	\$87.95*
AMD A4-3420 APU	1670	1803	NA	NA
AMD A4-4000 APU	1828	1724	60.98	\$29.99*
AMD A4-4020 APU	1921	1673	22.35	\$86.00*
AMD A4-4300M APU	1610	1837	40.39	\$39.86*
AMD A4-4355M APU	1175	2056	NA	NA
AMD A4-5000 APU	1915	1677	NA	NA
AMD A4-5050 APU	2113	1590	NA	NA
AMD A4-5100 APU	2037	1621	NA	NA
AMD A4-5150M APU	1844	1714	NA	NA
AMD A4-5300 APU	2013	1631	12.21	\$164.89*
AMD A4-5300B APU	2134	1578	56.17	\$38.00*
AMD A4-6210 APU	2164	1567	NA	NA
AMD A4-6250J APU	2556	1418	NA	NA
AMD A4-6300 APU	2218	1549	42.25	\$52.50*
AMD A4-6300B APU	2129	1583	21.30	\$100.00*
AMD A4-6320 APU	2329	1496	33.29	\$69.99*
AMD A4-7210 APU	2507	1434	NA	NA
AMD A4-7300 APU	2297	1512	24.19	\$94.99*
AMD A4-9120	1991	1639	NA	NA
AMD A4-9125	2075	1608	NA	NA
AMD A6 Micro-6500T APU	1834	1721	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6 PRO-7050B APU	1616	1834	NA	NA
AMD A6 PRO-7400B	2608	1395	NA	NA
AMD A6-1450 APU	1532	1870	NA	NA
AMD A6-3400M APU	1884	1697	62.86	\$29.97*
AMD A6-3410MX APU	2053	1616	514.77	\$3.99*
AMD A6-3420M APU	2000	1635	NA	NA
AMD A6-3430MX APU	2199	1558	NA	NA
AMD A6-3500 APU	2012	1633	50.33	\$39.99*
AMD A6-3600 APU	2703	1368	117.61	\$22.99*
AMD A6-3620 APU	2797	1337	46.64	\$59.99*
AMD A6-3650 APU	3152	1220	98.54	\$31.99*
AMD A6-3670 APU	3170	1209	22.64	\$140.00*
AMD A6-4400M APU	1638	1823	205.01	\$7.99*
AMD A6-4455M APU	1286	1994	NA	NA
AMD A6-5200 APU	2431	1461	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	1898	NA	NA
AMD A6-5350M APU	1916	1676	44.44	\$43.12*
AMD A6-5357M APU	1941	1662	NA	NA
AMD A6-5400B APU	2221	1548	21.15	\$105.04*
AMD A6-5400K APU	2154	1571	16.58	\$129.95*
AMD A6-6310 APU	2453	1455	NA	NA
AMD A6-6400B APU	2281	1522	NA	NA
AMD A6-6400K APU	2306	1508	16.48	\$139.95*
AMD A6-6420B APU	2612	1393	NA	NA
AMD A6-6420K APU	2372	1484	15.82	\$149.99*
AMD A6-7000	1667	1806	NA	NA
AMD A6-7310 APU	2663	1380	NA	NA
AMD A6-7400K APU	2782	1342	38.28	\$72.70*
AMD A6-7470K	2727	1363	11.22	\$243.00*
AMD A6-8500P	2202	1556	NA	NA
AMD A6-8550	3104	1232	NA	NA
AMD A6-9200	1710	1776	NA	NA
AMD A6-9210	1781	1740	NA	NA
AMD A6-9220	2164	1568	NA	NA
AMD A6-9220e	1608	1838	NA	NA
AMD A6-9225	2151	1573	NA	NA
AMD A6-9230	2102	1596	NA	NA
AMD A6-9500	3040	1255	50.69	\$59.99
AMD A6-9500E	2889	1312	47.37	\$60.99
AMD A8 PRO-7150B APU	2646	1384	NA	NA
AMD A8 PRO-7600B APU	4771	849	NA	NA
AMD A8-3500M APU	1972	1648	28.20	\$69.95*
AMD A8-3510MX APU	2370	1488	NA	NA
AMD A8-3520M APU	2172	1564	NA	NA
AMD A8-3530MX APU	2365	1491	NA	NA
AMD A8-3550MX APU	2610	1394	NA	NA
AMD A8-3800 APU	3022	1258	53.04	\$56.99*
AMD A8-3820 APU	3104	1233	24.84	\$124.99*
AMD A8-3850 APU	3466	1129	32.81	\$105.68*
AMD A8-3870K APU	3543	1108	70.88	\$49.99*
AMD A8-4500M APU	2665	1378	NA	NA
AMD A8-4555M APU	2118	1588	NA	NA
AMD A8-5500 APU	3992	1000	70.66	\$56.50*
AMD A8-5500B APU	3993	999	NA	NA
AMD A8-5545M APU	2587	1405	NA	NA
AMD A8-5550M APU	3006	1265	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-5557M APU	2968	1279	NA	NA
AMD A8-5600K APU	4344	933	18.95	\$229.30*
AMD A8-6410 APU	2571	1413	NA	NA
AMD A8-6500 APU	4394	923	46.26	\$94.99*
AMD A8-6500B APU	4612	877	NA	NA
AMD A8-6500T APU	3221	1194	NA	NA
AMD A8-6600K APU	4584	884	47.27	\$96.99*
AMD A8-7050	1986	1642	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	2806	1336	NA	NA
AMD A8-7200P	3319	1165	NA	NA
AMD A8-7410 APU	2736	1360	NA	NA
AMD A8-7600 APU	5072	787	63.41	\$79.99*
AMD A8-7650K	4929	822	54.80	\$89.96*
AMD A8-7670K	5080	785	31.54	\$161.10*
AMD A8-7680	5335	752	88.94	\$59.99
AMD A8-8600P	3248	1184	NA	NA
AMD A8-8650	5470	725	NA	NA
AMD A8-9600	4998	808	73.51	\$67.99
AMD A9-9400	2319	1501	NA	NA
AMD A9-9410	2556	1417	NA	NA
AMD A9-9420	2342	1495	NA	NA
AMD A9-9420e	1883	1698	NA	NA
AMD A9-9425	2596	1399	NA	NA
AMD A9-9430	2524	1427	NA	NA
AMD A10 Micro-6700T APU	1970	1649	NA	NA
AMD A10 PRO-7350B APU	3171	1208	NA	NA
AMD A10 PRO-7800B APU	4973	812	NA	NA
AMD A10 PRO-7850B APU	5380	740	NA	NA
AMD A10-4600M APU	3113	1231	NA	NA
AMD A10-4655M APU	2600	1398	NA	NA
AMD A10-4657M APU	2906	1301	NA	NA
AMD A10-5700 APU	4211	959	65.29	\$64.50*
AMD A10-5745M APU	2765	1348	NA	NA
AMD A10-5750M APU	3344	1162	NA	NA
AMD A10-5757M APU	3082	1239	NA	NA
AMD A10-5800B APU	4625	874	NA	NA
AMD A10-5800K APU	4637	868	15.40	\$301.11*
AMD A10-6700 APU	4607	880	39.38	\$116.99*
AMD A10-6700T APU	3693	1074	25.02	\$147.61*
AMD A10-6790K APU	4719	856	49.69	\$94.99*
AMD A10-6800B APU	4991	809	NA	NA
AMD A10-6800K APU	4860	834	16.94	\$286.85*
AMD A10-7300 APU	2907	1300	NA	NA
AMD A10-7400P	3603	1090	NA	NA
AMD A10-7700K APU	5120	777	14.77	\$346.70*
AMD A10-7800 APU	4982	810	48.20	\$103.39*
AMD A10-7850K APU	5471	723	18.83	\$290.59*
AMD A10-7860K	5065	791	28.95	\$175.00*
AMD A10-7870K	5471	724	24.10	\$226.99*
AMD A10-7890K	5702	694	28.51	\$199.99*
AMD A10-8700P	3446	1133	NA	NA
AMD A10-8750	5072	788	NA	NA
AMD A10-8850	5598	709	NA	NA
AMD A10-9600P	3780	1049	NA	NA
AMD A10-9620P	3705	1068	NA	NA
AMD A10-9630P	4497	904	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9700	5425	730	60.30	\$89.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9700E	4747	854	52.18	\$90.99
AMD A12-9700P	3736	1062	NA	NA
AMD A12-9720P	3996	998	NA	NA
AMD A12-9730P	4472	908	NA	NA
AMD A12-9800	5519	719	50.18	\$109.99*
AMD A12-9800E	5104	778	42.54	\$119.99*
AMD Athlon64 X2 Dual Core 4600+	1108	2094	NA	NA
AMD Athlon 4	279	2691	4.00	\$69.99
AMD Athlon 64 2000+	116	2825	NA	NA
AMD Athlon 64 2200+	575	2383	NA	NA
AMD Athlon 64 2600+	374	2565	NA	NA
AMD Athlon 64 2800+	438	2494	4.38	\$99.99*
AMD Athlon 64 3000+	463	2464	11.59	\$39.99*
AMD Athlon 64 3200+	492	2432	3.28	\$149.95*
AMD Athlon 64 3300+	576	2382	NA	NA
AMD Athlon 64 3400+	545	2395	NA	NA
AMD Athlon 64 3500+	540	2401	4.96	\$108.95*
AMD Athlon 64 3600+	601	2368	NA	NA
AMD Athlon 64 3700+	598	2370	8.67	\$69.00*
AMD Athlon 64 3800+	589	2373	3.28	\$179.95*
AMD Athlon 64 4000+	608	2363	50.76	\$11.99*
AMD Athlon 64 FX-25	794	2277	NA	NA
AMD Athlon 64 FX-34	380	2557	NA	NA
AMD Athlon 64 FX-51	437	2495	NA	NA
AMD Athlon 64 FX-53	646	2344	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2309	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2304	NA	NA
AMD Athlon 64 FX-59	715	2312	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1998	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1855	NA	NA
AMD Athlon 64 FX-72	1794	1734	NA	NA
AMD Athlon 64 FX-74	1495	1892	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2191	NA	NA
AMD Athlon 64 X2 4200+	1285	1995	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2164	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	961	2186	16.02	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1000	2157	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1043	2131	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1097	2100	8.44	\$129.95*
AMD Athlon 64 X2 Dual Core 4400+	1145	2079	95.57	\$11.99*
AMD Athlon 64 X2 Dual Core 4600+	1219	2032	3.39	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1254	2013	4.89	\$256.32*
AMD Athlon 64 X2 Dual Core 5000+	1313	1973	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1380	1939	26.01	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1448	1910	27.33	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1485	1896	9.90	\$149.95*
AMD Athlon 64 X2 Dual Core 5800+	1528	1871	61.17	\$24.99*
AMD Athlon 64 X2 Dual Core 6000+	1603	1842	34.91	\$45.95*
AMD Athlon 64 X2 Dual Core 6400+	1790	1736	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	2104	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2113	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2130	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2256	28.02	\$29.97*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core TK-55	839	2257	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2179	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2236	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2266	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2237	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	924	2213	NA	NA
AMD Athlon 64 X2 QL-60	921	2217	NA	NA
AMD Athlon 64 X2 QL-62	1008	2152	NA	NA
AMD Athlon 64 X2 QL-64	993	2168	NA	NA
AMD Athlon 64 X2 QL-65	1050	2128	NA	NA
AMD Athlon 64 X2 QL-66	947	2198	NA	NA
AMD Athlon 64 X2 QL-67	1006	2153	NA	NA
AMD Athlon 64 X2 TK-55	955	2192	NA	NA
AMD Athlon 64 X2 TK-57	988	2170	NA	NA
AMD Athlon 200GE	4942	820	82.39	\$59.99
AMD Athlon 220GE	5346	747	NA	NA
AMD Athlon 240GE	5392	737	68.70	\$78.49*
AMD Athlon 1500+	294	2664	NA	NA
AMD Athlon 1640B	670	2335	13.42	\$50.00*
AMD Athlon 2000+	390	2553	NA	NA
AMD Athlon 2100+	412	2516	NA	NA
AMD Athlon 2200+	363	2583	4.55	\$79.99*
AMD Athlon 2400+	462	2467	NA	NA
AMD Athlon 2500+	374	2563	2.04	\$183.99*
AMD Athlon 2600+	444	2485	4.23	\$104.95*
AMD Athlon 2650e	409	2521	21.56	\$19.00*
AMD Athlon 2800+	447	2482	3.20	\$139.95*
AMD Athlon 2850e	504	2427	NA	NA
AMD Athlon 3100+	485	2445	NA	NA
AMD Athlon 3200+	458	2471	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	1987	76.13	\$16.98*
AMD Athlon 5150 APU	2105	1594	13.17	\$159.95*
AMD Athlon 5200 Dual-Core	1248	2017	41.64	\$29.99*
AMD Athlon 5350 APU	2605	1397	7.70	\$338.46*
AMD Athlon 5370 APU	2901	1308	45.54	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1909	NA	NA
AMD Athlon 7550 Dual-Core	1462	1904	24.37	\$60.00*
AMD Athlon 7750 Dual-Core	1571	1857	19.89	\$79.00*
AMD Athlon 7850 Dual-Core	1713	1773	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2674	NA	NA
AMD Athlon Dual Core 4050e	1086	2109	NA	NA
AMD Athlon Dual Core 4450B	1163	2065	37.54	\$31.00*
AMD Athlon Dual Core 4450e	1105	2097	NA	NA
AMD Athlon Dual Core 4850B	1391	1933	NA	NA
AMD Athlon Dual Core 4850e	1311	1975	33.63	\$39.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 5000B	1300	1980	13.69	\$95.00*
AMD Athlon Dual Core 5050e	1343	1958	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1319	1972	NA	NA
AMD Athlon Dual Core 5400B	1411	1926	NA	NA
AMD Athlon Dual Core 5600B	1304	1978	NA	NA
AMD Athlon II 160u	560	2390	18.68	\$29.99*
AMD Athlon II 170u	625	2356	20.89	\$29.95*
AMD Athlon II Dual-Core M300	1115	2087	NA	NA
AMD Athlon II Dual-Core M320	1141	2081	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2126	NA	NA
AMD Athlon II N330 Dual-Core	1154	2072	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II N350 Dual-Core	1226	2028	NA	NA
AMD Athlon II N370 Dual-Core	1559	1861	NA	NA
AMD Athlon II Neo K125	473	2456	NA	NA
AMD Athlon II Neo K145	525	2409	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2284	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2247	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2280	NA	NA
AMD Athlon II P320 Dual-Core	1217	2033	40.64	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2016	27.82	\$44.95*
AMD Athlon II P360 Dual-Core	1319	1971	54.99	\$24.00*
AMD Athlon II X2 210e	1486	1895	NA	NA
AMD Athlon II X2 215	1572	1856	131.19	\$11.99*
AMD Athlon II X2 220	1631	1824	81.62	\$19.99*
AMD Athlon II X2 225	1526	1872	NA	NA
AMD Athlon II X2 235e	1658	1813	9.12	\$181.88*
AMD Athlon II X2 240	1642	1819	102.75	\$15.99*
AMD Athlon II X2 240e	1695	1791	48.52	\$34.95*
AMD Athlon II X2 245	1659	1812	47.49	\$34.95*
AMD Athlon II X2 245e	1709	1780	21.37	\$80.00*
AMD Athlon II X2 250	1742	1757	44.73	\$38.95*
AMD Athlon II X2 250e	1939	1664	25.28	\$76.73*
AMD Athlon II X2 250u	1000	2156	28.64	\$34.95*
AMD Athlon II X2 255	1840	1717	28.21	\$65.22*
AMD Athlon II X2 260	1872	1701	93.65	\$19.99*
AMD Athlon II X2 260u	1107	2095	13.28	\$83.44*
AMD Athlon II X2 265	1890	1692	22.81	\$82.88*
AMD Athlon II X2 270	1979	1645	82.51	\$23.99*
AMD Athlon II X2 270u	1350	1956	19.96	\$67.67*
AMD Athlon II X2 280	2129	1582	21.30	\$99.99*
AMD Athlon II X2 4300e	1350	1955	NA	NA
AMD Athlon II X2 4400e	1616	1833	NA	NA
AMD Athlon II X2 4450e	1504	1886	NA	NA
AMD Athlon II X2 B22	1711	1775	41.05	\$41.69*
AMD Athlon II X2 B24	1773	1742	52.00	\$34.10*
AMD Athlon II X2 B26	1897	1686	54.28	\$34.95*
AMD Athlon II X2 B28	2085	1604	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1634	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1626	25.32	\$79.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 415e	2247	1537	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1518	19.68	\$116.15*
AMD Athlon II X3 425	2317	1502	85.85	\$26.99*
AMD Athlon II X3 425e	2239	1542	NA	NA
AMD Athlon II X3 435	2475	1449	82.54	\$29.99*
AMD Athlon II X3 440	2565	1415	95.05	\$26.99*
AMD Athlon II X3 445	2574	1409	28.29	\$91.00*
AMD Athlon II X3 450	2621	1390	75.01	\$34.95*
AMD Athlon II X3 455	2765	1349	70.92	\$38.99*
AMD Athlon II X3 460	2863	1316	73.45	\$38.99*
AMD Athlon II X4 553	3814	1040	NA	NA
AMD Athlon II X4 555	3830	1035	NA	NA
AMD Athlon II X4 559	4141	972	NA	NA
AMD Athlon II X4 600e	2453	1456	18.84	\$130.23*
AMD Athlon II X4 605e	2738	1359	26.90	\$101.80*
AMD Athlon II X4 610e	2790	1340	39.87	\$69.99*
AMD Athlon II X4 615e	2901	1307	49.17	\$59.00*
AMD Athlon II X4 620	2935	1289	41.94	\$69.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 620e	2906	1302	NA	NA
AMD Athlon II X4 630	3135	1225	72.93	\$42.99*
AMD Athlon II X4 631 Quad-Core	3153	1219	39.42	\$80.00*
AMD Athlon II X4 635	3236	1189	46.26	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1200	120.73	\$26.49*
AMD Athlon II X4 640	3313	1167	41.44	\$79.95*
AMD Athlon II X4 641 Quad-Core	3346	1161	36.57	\$91.50*
AMD Athlon II X4 645	3473	1126	69.48	\$49.99*
AMD Athlon II X4 650	3482	1124	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3575	1099	20.08	\$178.04*
AMD Athlon II X4 655	2998	1269	NA	NA
AMD Athlon II X4 6400e	2594	1401	NA	NA
AMD Athlon L110	303	2644	NA	NA
AMD Athlon LE-1600	567	2388	27.04	\$21.00*
AMD Athlon LE-1620	572	2384	31.80	\$18.00*
AMD Athlon LE-1640	627	2354	NA	NA
AMD Athlon LE-1660	679	2332	NA	NA
AMD Athlon MP	230	2745	4.20	\$54.95*
AMD Athlon MP 1700+	339	2606	NA	NA
AMD Athlon MP 2400+	436	2496	NA	NA
AMD Athlon MP 2800+	497	2430	NA	NA
AMD Athlon Neo MV-40	410	2518	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2155	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2283	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2261	NA	NA
AMD Athlon PRO 200GE	5204	766	NA	NA
AMD Athlon QI-46	473	2455	NA	NA
AMD Athlon TF-20	413	2514	NA	NA
AMD Athlon TF-36	395	2543	NA	NA
AMD Athlon X2 215	1543	1866	NA	NA
AMD Athlon X2 235e	1806	1730	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 240	1602	1843	NA	NA
AMD Athlon X2 240e	1670	1804	NA	NA
AMD Athlon X2 250	1696	1790	NA	NA
AMD Athlon X2 255	1627	1828	NA	NA
AMD Athlon X2 280	2303	1510	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1911	1679	38.23	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1536	NA	NA
AMD Athlon X2 440	1424	1920	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2282	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2158	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2218	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2093	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2034	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2015	NA	NA
AMD Athlon X2 Dual Core L310	644	2346	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2150	NA	NA
AMD Athlon X3 425	2191	1560	NA	NA
AMD Athlon X3 435	2574	1410	26.96	\$95.49*
AMD Athlon X3 440	2078	1606	23.62	\$87.99*
AMD Athlon X3 445	2314	1504	NA	NA
AMD Athlon X3 450	3064	1247	38.80	\$78.99*
AMD Athlon X3 455	2401	1475	NA	NA
AMD Athlon X4 605e	2505	1437	NA	NA
AMD Athlon X4 620	2861	1317	47.74	\$59.95*
AMD Athlon X4 635	2891	1311	23.71	\$121.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X4 640	3172	1207	NA	NA
AMD Athlon X4 740 Quad Core	4009	993	14.48	\$277.00*
AMD Athlon X4 750 Quad Core	4551	888	NA	NA
AMD Athlon X4 750K Quad Core	4252	949	55.24	\$76.99*
AMD Athlon X4 760K Quad Core	4593	883	109.42	\$41.98*
AMD Athlon X4 830	4701	859	NA	NA
AMD Athlon X4 840	5039	800	64.00	\$78.74*
AMD Athlon X4 845	5418	734	101.99	\$53.13
AMD Athlon X4 860K	5422	733	99.49	\$54.50*
AMD Athlon X4 870K	5316	756	66.47	\$79.99*
AMD Athlon X4 880K	5538	714	55.40	\$99.99*
AMD Athlon X4 950	5249	760	82.59	\$63.56*
AMD Athlon XP1600+	281	2686	NA	NA
AMD Athlon XP1900+	353	2591	NA	NA
AMD Athlon XP2100+	287	2676	NA	NA
AMD Athlon XP2200+	401	2534	NA	NA
AMD Athlon XP2400+	374	2564	NA	NA
AMD Athlon XP 1500	282	2685	NA	NA
AMD Athlon XP 1500+	257	2716	NA	NA
AMD Athlon XP 1600+	267	2706	NA	NA
AMD Athlon XP 1700	344	2602	NA	NA
AMD Athlon XP 1700+	271	2702	NA	NA
AMD Athlon XP 1800+	300	2651	5.10	\$58.95*
AMD Athlon XP 1900+	312	2635	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2000+	299	2652	12.00	\$24.99*
AMD Athlon XP 2100+	323	2618	NA	NA
AMD Athlon XP 2200+	328	2617	3.87	\$84.95*
AMD Athlon XP 2300+	464	2463	NA	NA
AMD Athlon XP 2400+	360	2585	4.01	\$89.99*
AMD Athlon XP 2500+	355	2588	NA	NA
AMD Athlon XP 2600+	372	2569	16.18	\$23.03*
AMD Athlon XP 2700+	393	2546	4.64	\$84.79*
AMD Athlon XP 2800+	400	2536	NA	NA
AMD Athlon XP 2900+	424	2510	NA	NA
AMD Athlon XP 3000+	402	2532	5.06	\$79.70*
AMD Athlon XP 3100+	433	2500	NA	NA
AMD Athlon XP 3200+	431	2502	NA	NA
AMD Athlon XP 3400+	570	2387	NA	NA
AMD Athlon XP Pro3+	367	2576	NA	NA
AMD Athlon XP-M	541	2400	15.48	\$34.95*
AMD C-30	310	2637	NA	NA
AMD C-50	462	2466	NA	NA
AMD C-60	466	2460	NA	NA
AMD C-60 APU	543	2397	NA	NA
AMD C-70 APU	558	2392	NA	NA
AMD E1 Micro-6200T APU	960	2188	NA	NA
AMD E1-1200 APU	656	2342	NA	NA
AMD E1-1500 APU	688	2327	NA	NA
AMD E1-2100 APU	639	2350	NA	NA
AMD E1-2200 APU	767	2286	NA	NA
AMD E1-2500 APU	888	2234	NA	NA
AMD E1-6010 APU	861	2241	NA	NA
AMD E1-6015 APU	898	2231	NA	NA
AMD E1-7010 APU	997	2161	NA	NA
AMD E2-1800 APU	816	2265	NA	NA
AMD E2-2000 APU	825	2262	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E2-3000 APU	1105	2098	NA	NA
AMD E2-3000M APU	1096	2102	54.84	\$20.00*
AMD E2-3200 APU	1386	1935	173.59	\$7.99*
AMD E2-3800 APU	1639	1822	NA	NA
AMD E2-6110 APU	1909	1680	NA	NA
AMD E2-7110 APU	2281	1521	NA	NA
AMD E2-9000	1673	1801	NA	NA
AMD E2-9000e	1342	1959	NA	NA
AMD E2-9010	1745	1755	NA	NA
AMD E2-9030	1515	1881	NA	NA
AMD E-240	317	2626	NA	NA
AMD E-300 APU	610	2362	NA	NA
AMD E-350	745	2299	NA	NA
AMD E-350 APU	761	2290	NA	NA
AMD E-350D APU	726	2306	NA	NA
AMD E-450 APU	766	2287	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1746	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-224IJ Radeon R4E	2088	1601	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2483	1445	NA	NA
AMD Embedded R-Series RX-216GD	2409	1469	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	789	NA	NA
AMD Embedded R-Series RX-421BD	4635	870	NA	NA
AMD EPYC 7251 8-Core	11344	226	23.15	\$489.99
AMD EPYC 7351	18061	76	14.55	\$1,241.64
AMD EPYC 7351P	15820	118	19.83	\$797.99
AMD EPYC 7371	21550	35	NA	NA
AMD EPYC 7401P	19555	59	16.30	\$1,199.99
AMD EPYC 7501	18942	65	5.21	\$3,632.99
AMD EPYC 7551	18483	70	5.11	\$3,618.99
AMD EPYC 7551P	18406	71	8.26	\$2,227.99
AMD FirePro A320 APU	4540	894	NA	NA
AMD FX-670K Quad-Core	4550	889	NA	NA
AMD FX-770K Quad-Core	4803	843	NA	NA
AMD FX-870K Quad Core	5021	802	NA	NA
AMD FX-4100 Quad-Core	4070	984	31.31	\$129.99*
AMD FX-4130 Quad-Core	4162	968	54.78	\$75.99*
AMD FX-4150 Quad-Core	4594	881	NA	NA
AMD FX-4170 Quad-Core	4866	831	48.67	\$99.99*
AMD FX-4200 Quad-Core	4235	953	18.56	\$228.21*
AMD FX-4300 Quad-Core	4691	862	69.75	\$67.27*
AMD FX-4320	5006	806	NA	NA
AMD FX-4330	5321	755	NA	NA
AMD FX-4350 Quad-Core	5342	750	12.42	\$430.00*
AMD FX-6100 Six-Core	5388	738	21.30	\$253.00*
AMD FX-6120 Six-Core	5732	691	NA	NA
AMD FX-6130 Six-Core	6215	639	NA	NA
AMD FX-6200 Six-Core	6124	652	18.02	\$339.95*
AMD FX-6300 Six-Core	6387	624	91.27	\$69.99*
AMD FX-6330 Six-Core	6916	572	NA	NA
AMD FX-6350 Six-Core	7000	563	53.02	\$132.03*
AMD FX-7500 APU	3211	1197	NA	NA
AMD FX-7600P	4049	987	NA	NA
AMD FX-7600P APU	4627	873	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8100 Eight-Core	5996	663	42.23	\$142.00*
AMD FX-8120 Eight-Core	6599	605	66.00	\$99.99*
AMD FX-8140 Eight-Core	6133	649	NA	NA
AMD FX-8150 Eight-Core	7631	505	5.28	\$1,445.01*
AMD FX-8300 Eight-Core	7730	494	69.02	\$112.00*
AMD FX-8310 Eight-Core	7760	491	NA	NA
AMD FX-8320 Eight-Core	8017	468	86.23	\$92.98*
AMD FX-8320E Eight-Core	7547	510	92.05	\$81.99*
AMD FX-8350 Eight-Core	8949	390	119.35	\$74.99
AMD FX-8370 Eight-Core	9035	380	50.99	\$177.19
AMD FX-8370E Eight-Core	7803	487	41.29	\$189.00*
AMD FX-8800P	4146	971	NA	NA
AMD FX-9370 Eight-Core	9444	346	16.40	\$576.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-9590 Eight-Core	10194	276	57.29	\$177.95*
AMD FX-9800P	3985	1001	NA	NA
AMD FX-9830P	4757	851	NA	NA
AMD FX-B4150 Quad-Core	4611	879	NA	NA
AMD G-T40E	467	2459	NA	NA
AMD G-T40N	516	2417	NA	NA
AMD G-T40R	203	2772	NA	NA
AMD G-T44R	227	2747	NA	NA
AMD G-T48E	724	2307	NA	NA
AMD G-T52R	308	2639	NA	NA
AMD G-T56E	751	2295	NA	NA
AMD G-T56N	793	2279	NA	NA
AMD Geode NX	264	2709	NA	NA
AMD Geode NX 1750	291	2665	NA	NA
AMD GX-210JA SOC	401	2535	NA	NA
AMD GX-212JC SOC	744	2300	NA	NA
AMD GX-217GA SOC	1103	2099	NA	NA
AMD GX-218GL SOC	1115	2086	NA	NA
AMD GX-222GC SOC	1255	2012	NA	NA
AMD GX-412HC	1497	1891	NA	NA
AMD GX-415GA SOC	1946	1661	NA	NA
AMD GX-420CA SOC	2412	1467	NA	NA
AMD GX-424CC SOC	2491	1441	NA	NA
AMD K7	403	2530	NA	NA
AMD Opteron 140	396	2541	0.56	\$710.00*
AMD Opteron 142	428	2506	NA	NA
AMD Opteron 144	486	2442	7.48	\$65.00*
AMD Opteron 146	532	2406	8.87	\$59.99*
AMD Opteron 148	603	2367	NA	NA
AMD Opteron 150	604	2365	NA	NA
AMD Opteron 152	658	2338	NA	NA
AMD Opteron 154	703	2321	NA	NA
AMD Opteron 165	899	2230	1.47	\$610.00*
AMD Opteron 170	1097	2101	NA	NA
AMD Opteron 175	1167	2063	NA	NA
AMD Opteron 180	1233	2024	9.49	\$129.95*
AMD Opteron 185	1360	1950	NA	NA
AMD Opteron 246	632	2353	31.62	\$19.99*
AMD Opteron 248	476	2453	4.77	\$99.95*
AMD Opteron 250	649	2343	59.01	\$11.00*
AMD Opteron 252	760	2292	12.00	\$63.36*
AMD Opteron 254	693	2324	NA	NA
AMD Opteron 256	963	2184	50.72	\$19.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 265	963	2185	6.02	\$159.95*
AMD Opteron 270	1170	2061	1.93	\$607.47*
AMD Opteron 275	1291	1989	19.87	\$64.99*
AMD Opteron 280	1176	2055	1.48	\$796.67*
AMD Opteron 285	1470	1900	NA	NA
AMD Opteron 290	1464	1903	10.85	\$135.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1210	923	2214	NA	NA
AMD Opteron 1210 HE	971	2178	NA	NA
AMD Opteron 1212	1009	2151	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1976	NA	NA
AMD Opteron 1214	1191	2048	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1981	NA	NA
AMD Opteron 1216	1311	1974	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2060	NA	NA
AMD Opteron 1218	1468	1902	NA	NA
AMD Opteron 1218 HE	1444	1911	NA	NA
AMD Opteron 1220	1653	1816	NA	NA
AMD Opteron 1222	1757	1748	NA	NA
AMD Opteron 1352	2316	1503	17.04	\$135.99*
AMD Opteron 1354	2630	1388	8.49	\$309.97*
AMD Opteron 1356	2765	1347	30.73	\$89.99*
AMD Opteron 1381	3065	1246	NA	NA
AMD Opteron 2212	1270	2004	63.53	\$20.00*
AMD Opteron 2214	1358	1953	46.85	\$29.00*
AMD Opteron 2214 HE	1415	1924	NA	NA
AMD Opteron 2216	1518	1880	66.35	\$22.88*
AMD Opteron 2218	1594	1848	49.18	\$32.42*
AMD Opteron 2220	1701	1785	1.15	\$1,475.16*
AMD Opteron 2220 SE	1398	1929	55.92	\$25.00*
AMD Opteron 2222	1843	1715	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1675	NA	NA
AMD Opteron 2350	2820	1329	10.45	\$269.99*
AMD Opteron 2356	2814	1331	15.49	\$181.65*
AMD Opteron 2373 EE	2789	1341	NA	NA
AMD Opteron 2374 HE	2951	1284	15.53	\$189.99*
AMD Opteron 2376	2283	1519	13.69	\$166.81*
AMD Opteron 2378	3179	1206	17.76	\$179.00*
AMD Opteron 2380	2640	1385	58.69	\$45.00*
AMD Opteron 2384	3538	1109	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1110	NA	NA
AMD Opteron 2393 SE	2246	1538	NA	NA
AMD Opteron 2427	3069	1244	31.00	\$99.00*
AMD Opteron 2431	4516	900	112.91	\$40.00*
AMD Opteron 2435	4708	858	24.91	\$189.00*
AMD Opteron 3260 HE	3259	1177	NA	NA
AMD Opteron 3280	5403	735	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1376	NA	NA
AMD Opteron 3350 HE	4009	994	NA	NA
AMD Opteron 3365	5963	666	NA	NA
AMD Opteron 3380	6384	625	7.89	\$809.00*
AMD Opteron 4122	2942	1286	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1211	NA	NA
AMD Opteron 4170 HE	3664	1079	62.11	\$59.00*
AMD Opteron 4184	4418	921	8.50	\$519.95*
AMD Opteron 4280	6430	619	128.60	\$50.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4284	6660	599	111.03	\$59.99*
AMD Opteron 4332 HE	5614	706	NA	NA
AMD Opteron 4334	6099	654	28.18	\$216.42*
AMD Opteron 4365 EE	5025	801	NA	NA
AMD Opteron 4386	6761	588	48.30	\$139.99*
AMD Opteron 6128	4505	901	30.24	\$149.00*
AMD Opteron 6134	2938	1287	66.81	\$43.99*
AMD Opteron 6136	4631	871	42.10	\$110.00*
AMD Opteron 6164 HE	5351	745	NA	NA
AMD Opteron 6172	5261	758	53.14	\$99.00*
AMD Opteron 6174	6171	645	62.34	\$99.00*
AMD Opteron 6176 SE	5465	726	34.37	\$159.00*
AMD Opteron 6212	5776	686	192.62	\$29.99*
AMD Opteron 6220	6785	582	113.11	\$59.99*
AMD Opteron 6234	5938	669	198.27	\$29.95*
AMD Opteron 6238	7673	503	127.92	\$59.99*
AMD Opteron 6272	6748	589	112.50	\$59.99*
AMD Opteron 6274	4865	833	105.80	\$45.99*
AMD Opteron 6276	8889	397	52.60	\$169.00*
AMD Opteron 6282 SE	9116	372	70.13	\$129.99*
AMD Opteron 6287 SE	9789	316	NA	NA
AMD Opteron 6328	7813	485	39.07	\$199.99*
AMD Opteron 6366 HE	7503	514	37.52	\$199.99*
AMD Opteron 6376	9212	362	29.72	\$310.00*
AMD Opteron 6378	2152	1572	10.76	\$199.99*
AMD Opteron 6380	10081	288	100.83	\$99.99*
AMD Opteron 6386 SE	10748	247	71.66	\$149.99*
AMD Opteron 8354	2255	1534	102.52	\$22.00*
AMD Opteron 8439 SE	3813	1041	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1248	NA	NA
AMD Opteron X3216 APU	2366	1490	NA	NA
AMD Opteron X3418 APU	4569	885	NA	NA
AMD Opteron X3421 APU	4928	824	NA	NA
AMD Phenom 2 X4 12000	3005	1267	NA	NA
AMD Phenom 7950 Quad-Core	2991	1270	NA	NA
AMD Phenom 8250 Triple-Core	1644	1818	NA	NA
AMD Phenom 8250e Triple-Core	1619	1832	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1631	1826	NA	NA
AMD Phenom 8450 Triple-Core	1890	1693	63.12	\$29.95*
AMD Phenom 8450e Triple-Core	2040	1619	NA	NA
AMD Phenom 8600 Triple-Core	1706	1782	32.20	\$52.99*
AMD Phenom 8600B Triple-Core	1923	1671	36.29	\$52.99*
AMD Phenom 8650 Triple-Core	1989	1641	39.79	\$49.99*
AMD Phenom 8750 Triple-Core	2055	1615	NA	NA
AMD Phenom 8750B Triple-Core	2034	1622	NA	NA
AMD Phenom 8850 Triple-Core	1968	1651	NA	NA
AMD Phenom 8850B Triple-Core	2080	1605	NA	NA
AMD Phenom 9100e Quad-Core	1835	1720	45.96	\$39.95*
AMD Phenom 9150e Quad-Core	2112	1591	52.88	\$39.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9350e Quad-Core	2320	1500	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1391	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2203	1555	76.01	\$28.99*
AMD Phenom 9550 Quad-Core	2543	1422	87.73	\$28.99*
AMD Phenom 9600 Quad-Core	2306	1507	46.18	\$49.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9600B Quad-Core	2573	1411	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2636	1386	47.98	\$54.95*
AMD Phenom 9750 Quad-Core	2811	1333	95.34	\$29.49*
AMD Phenom 9750B Quad-Core	2709	1367	NA	NA
AMD Phenom 9850 Quad-Core	2892	1310	24.11	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1216	NA	NA
AMD Phenom 9950 Quad-Core	3009	1262	22.30	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1430	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1285	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1086	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1120	NA	NA
AMD Phenom II N620 Dual-Core	1679	1796	420.83	\$3.99*
AMD Phenom II N640 Dual-Core	1716	1771	26.42	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1710	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1381	NA	NA
AMD Phenom II N830 Triple-Core	1889	1694	NA	NA
AMD Phenom II N850 Triple-Core	1937	1665	77.51	\$25.00*
AMD Phenom II N870 Triple-Core	1993	1637	NA	NA
AMD Phenom II N930 Quad-Core	2274	1526	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1444	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2521	1429	16.81	\$149.99*
AMD Phenom II P650 Dual-Core	1597	1846	45.66	\$35.00*
AMD Phenom II P820 Triple-Core	1604	1841	NA	NA
AMD Phenom II P840 Triple-Core	1722	1766	NA	NA
AMD Phenom II P860 Triple-Core	1753	1752	NA	NA
AMD Phenom II P920 Quad-Core	1866	1702	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1727	NA	NA
AMD Phenom II P960 Quad-Core	2086	1602	74.50	\$28.00*
AMD Phenom II X2 511	2104	1595	NA	NA
AMD Phenom II X2 521	2071	1609	NA	NA
AMD Phenom II X2 545	1914	1678	43.52	\$43.98*
AMD Phenom II X2 550	2023	1627	40.49	\$49.99*
AMD Phenom II X2 555	2047	1618	73.16	\$27.98*
AMD Phenom II X2 560	2056	1614	31.65	\$64.99*
AMD Phenom II X2 565	2211	1553	73.73	\$29.99*
AMD Phenom II X2 570	1960	1655	NA	NA
AMD Phenom II X2 B53	1709	1779	NA	NA
AMD Phenom II X2 B55	1921	1674	40.02	\$48.00*
AMD Phenom II X2 B57	1826	1725	NA	NA
AMD Phenom II X2 B59	2145	1575	110.16	\$19.48*
AMD Phenom II X3 700e	2242	1540	NA	NA
AMD Phenom II X3 705e	2227	1546	14.63	\$152.34*
AMD Phenom II X3 710	2446	1457	28.94	\$84.53*
AMD Phenom II X3 715	2649	1383	31.17	\$84.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 720	2669	1377	38.14	\$69.99*
AMD Phenom II X3 740	2985	1271	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1362	36.47	\$75.00*
AMD Phenom II X3 B75	2929	1292	73.25	\$39.99*
AMD Phenom II X3 B77	3067	1245	137.64	\$22.29*
AMD Phenom II X4 805	2998	1268	17.24	\$173.99*
AMD Phenom II X4 810	3122	1228	26.92	\$115.99*
AMD Phenom II X4 820	3395	1145	45.31	\$74.95*
AMD Phenom II X4 830	3434	1136	42.96	\$79.95*
AMD Phenom II X4 840	3508	1115	39.01	\$89.95*
AMD Phenom II X4 840T	3599	1092	51.43	\$69.99*
AMD Phenom II X4 850	3549	1106	54.62	\$64.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 900e	2882	1314	NA	NA
AMD Phenom II X4 905e	3078	1242	57.02	\$53.99*
AMD Phenom II X4 910	3252	1180	32.52	\$100.00*
AMD Phenom II X4 910e	3253	1178	20.72	\$156.99*
AMD Phenom II X4 920	3393	1148	34.28	\$98.99*
AMD Phenom II X4 925	3422	1138	77.79	\$43.99*
AMD Phenom II X4 940	3590	1094	60.50	\$59.34*
AMD Phenom II X4 945	3656	1081	56.30	\$64.95*
AMD Phenom II X4 955	3926	1017	30.17	\$130.16*
AMD Phenom II X4 960T	3785	1047	59.15	\$63.99*
AMD Phenom II X4 965	4185	964	47.02	\$89.01*
AMD Phenom II X4 970	4322	940	29.18	\$148.11*
AMD Phenom II X4 973	3759	1055	NA	NA
AMD Phenom II X4 975	4455	909	31.90	\$139.69*
AMD Phenom II X4 977	3750	1058	NA	NA
AMD Phenom II X4 980	4493	905	19.54	\$229.99*
AMD Phenom II X4 8700e	2377	1482	NA	NA
AMD Phenom II X4 B05e	2792	1338	NA	NA
AMD Phenom II X4 B15e	2736	1361	NA	NA
AMD Phenom II X4 B25	3297	1172	NA	NA
AMD Phenom II X4 B35	3383	1151	NA	NA
AMD Phenom II X4 B40	3361	1156	NA	NA
AMD Phenom II X4 B45	3470	1128	NA	NA
AMD Phenom II X4 B50	3698	1072	NA	NA
AMD Phenom II X4 B55	3854	1028	NA	NA
AMD Phenom II X4 B60	4043	988	NA	NA
AMD Phenom II X4 B65	4177	966	NA	NA
AMD Phenom II X4 B70	4261	948	NA	NA
AMD Phenom II X4 B93	3358	1157	NA	NA
AMD Phenom II X4 B95	3684	1078	50.51	\$72.95*
AMD Phenom II X4 B97	3869	1026	67.89	\$56.99*
AMD Phenom II X4 B99	4130	975	NA	NA
AMD Phenom II X6 1035T	4641	866	24.56	\$189.00*
AMD Phenom II X6 1045T	4803	844	44.47	\$108.01*
AMD Phenom II X6 1055T	4961	815	61.83	\$80.24*
AMD Phenom II X6 1065T	5047	796	NA	NA
AMD Phenom II X6 1075T	5335	751	47.22	\$112.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1090T	5572	710	14.07	\$396.08*
AMD Phenom II X6 1100T	5715	692	32.20	\$177.49*
AMD Phenom II X6 1405T	5042	799	NA	NA
AMD Phenom II X620 Dual-Core	2189	1561	NA	NA
AMD Phenom II X640 Dual-Core	2021	1628	NA	NA
AMD Phenom II X920 Quad-Core	2650	1382	NA	NA
AMD Phenom II X940 Quad-Core	2695	1370	NA	NA
AMD Phenom Ultra X4 24500	3945	1013	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1789	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1554	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1753	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2053	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1915	NA	NA
AMD Phenom X3 8550	1924	1670	11.33	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1747	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1636	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1543	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1309	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1365	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X4 Quad-Core GP-9930	2690	1371	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2038	NA	NA
AMD PRO A4-3350B APU	2274	1527	NA	NA
AMD PRO A4-8350B	2791	1339	NA	NA
AMD PRO A6-7350B	2759	1352	NA	NA
AMD PRO A6-8500B	2516	1432	NA	NA
AMD PRO A6-8530B	2388	1478	NA	NA
AMD PRO A6-8550B	2970	1278	NA	NA
AMD PRO A6-8570	3049	1254	NA	NA
AMD PRO A6-8570E	2824	1326	NA	NA
AMD PRO A6-9500	3239	1188	43.77	\$74.00*
AMD PRO A6-9500B	2076	1607	NA	NA
AMD PRO A6-9500E	2760	1351	37.30	\$74.00*
AMD PRO A8-8600B	3524	1112	NA	NA
AMD PRO A8-8650B	5342	749	NA	NA
AMD PRO A8-8670E	5015	803	NA	NA
AMD PRO A8-9600	5277	757	44.35	\$119.00*
AMD PRO A8-9600B	3973	1004	NA	NA
AMD PRO A10-8700B	3560	1103	NA	NA
AMD PRO A10-8730B	3971	1005	NA	NA
AMD PRO A10-8750B	5473	721	NA	NA
AMD PRO A10-8770	5707	693	NA	NA
AMD PRO A10-8770E	5045	797	NA	NA
AMD PRO A10-8850B	5852	677	NA	NA
AMD PRO A10-9700	5677	699	33.59	\$169.00*
AMD PRO A10-9700B	4393	924	NA	NA
AMD PRO A10-9700E	5066	790	36.45	\$139.00*
AMD PRO A12-8800B	4137	974	NA	NA
AMD PRO A12-8830B	4325	938	NA	NA
AMD PRO A12-8870	6067	658	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A12-8870E	5186	770	NA	NA
AMD PRO A12-9800	6154	647	36.42	\$169.00*
AMD PRO A12-9800B	4128	976	NA	NA
AMD PRO A12-9800E	4769	850	28.22	\$169.00*
AMD QC-4000	1663	1810	NA	NA
AMD R-260H APU	1576	1853	NA	NA
AMD R-460L APU	1954	1658	NA	NA
AMD R-464L APU	3117	1230	NA	NA
AMD RX-427BB	4349	932	NA	NA
AMD Ryzen 3 1200	6728	591	84.11	\$79.99
AMD Ryzen 3 1300X	7501	515	55.57	\$134.99*
AMD Ryzen 3 2200G	7314	537	73.15	\$99.99
AMD Ryzen 3 2200GE	6778	583	NA	NA
AMD Ryzen 3 2200U	4530	898	NA	NA
AMD Ryzen 3 2300U	6197	641	NA	NA
AMD Ryzen 3 2300X	8547	424	NA	NA
AMD Ryzen 3 PRO 1200	7069	558	NA	NA
AMD Ryzen 3 PRO 1300	8022	467	NA	NA
AMD Ryzen 3 PRO 2200G	8042	464	NA	NA
AMD Ryzen 3 PRO 2200GE	7698	498	NA	NA
AMD Ryzen 3 PRO 2300U	7124	552	NA	NA
AMD Ryzen 5 1400	8371	434	59.80	\$139.99*
AMD Ryzen 5 1500X	10081	289	63.01	\$159.99*
AMD Ryzen 5 1600	12280	205	94.47	\$129.99
AMD Ryzen 5 1600X	13229	179	60.14	\$219.99*
AMD Ryzen 5 2400G	9307	354	62.05	\$149.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 2400GE	7932	474	NA	NA
AMD Ryzen 5 2500U	7333	535	NA	NA
AMD Ryzen 5 2500X	9663	326	NA	NA
AMD Ryzen 5 2600	13542	174	71.28	\$189.99
AMD Ryzen 5 2600H	7949	473	NA	NA
AMD Ryzen 5 2600X	14357	149	71.79	\$199.99
AMD Ryzen 5 3500U	7194	547	NA	NA
AMD Ryzen 5 3550H	8760	406	NA	NA
AMD Ryzen 5 PRO 1500	10118	283	NA	NA
AMD Ryzen 5 PRO 1600	12213	209	NA	NA
AMD Ryzen 5 PRO 2400G	10015	292	NA	NA
AMD Ryzen 5 PRO 2400GE	8811	403	NA	NA
AMD Ryzen 5 PRO 2500U	8581	423	NA	NA
AMD Ryzen 5 PRO 2600	14407	145	NA	NA
AMD Ryzen 7 1700	13763	166	86.03	\$159.99*
AMD Ryzen 7 1700X	14685	136	77.30	\$189.99
AMD Ryzen 7 1800X	15416	122	64.24	\$239.99*
AMD Ryzen 7 2700	15047	130	60.19	\$249.99
AMD Ryzen 7 2700U	7371	531	NA	NA
AMD Ryzen 7 2700X	16987	85	57.59	\$294.99
AMD Ryzen 7 2800H	8498	425	NA	NA
AMD Ryzen 7 PRO 1700	14171	151	NA	NA
AMD Ryzen 7 PRO 1700X	15349	126	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 PRO 2700	15897	111	NA	NA
AMD Ryzen 7 PRO 2700U	8953	389	NA	NA
AMD Ryzen 7 PRO 2700X	17276	82	NA	NA
AMD Ryzen Embedded V1202B	5051	794	NA	NA
AMD Ryzen Embedded V1605B	7864	478	NA	NA
AMD Ryzen Embedded V1807B	7529	511	NA	NA
AMD Ryzen Threadripper 1900X	16090	107	53.64	\$299.99
AMD Ryzen Threadripper 1920X	19487	60	48.72	\$399.99
AMD Ryzen Threadripper 1950X	21871	32	36.45	\$599.99
AMD Ryzen Threadripper 2920X	21929	29	34.81	\$629.99
AMD Ryzen Threadripper 2950X	25458	13	29.60	\$859.99
AMD Ryzen Threadripper 2970WX	21806	34	16.77	\$1,299.99
AMD Ryzen Threadripper 2990WX	23793	22	13.75	\$1,729.99
AMD Ryzen Threadripper 2990X	18311	72	NA	NA
AMD Sempron 130	656	2341	26.29	\$24.99*
AMD Sempron 140	735	2302	18.57	\$39.59*
AMD Sempron 145	806	2274	47.50	\$16.98*
AMD Sempron 150	707	2317	15.74	\$44.95*
AMD Sempron 200U	267	2705	3.08	\$87.00*
AMD Sempron 210U	391	2551	NA	NA
AMD Sempron 240	2110	1592	36.39	\$58.00*
AMD Sempron 2100+	392	2549	NA	NA
AMD Sempron 2200+	281	2689	9.38	\$29.99*
AMD Sempron 2300+	318	2625	7.07	\$45.00*
AMD Sempron 2400+	314	2632	12.11	\$26.00*
AMD Sempron 2500+	335	2609	3.54	\$94.95*
AMD Sempron 2600+	373	2567	10.70	\$34.95*
AMD Sempron 2650 APU	944	2202	22.20	\$42.56*
AMD Sempron 2800+	383	2555	6.40	\$59.95*
AMD Sempron 3000+	408	2523	20.41	\$20.00*
AMD Sempron 3100+	452	2476	7.53	\$60.00*
AMD Sempron 3200+	406	2524	3.10	\$131.22*
AMD Sempron 3300+	484	2447	8.07	\$60.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 3400+	453	2475	3.46	\$131.22*
AMD Sempron 3500+	379	2558	18.98	\$20.00*
AMD Sempron 3600+	487	2440	40.59	\$12.00*
AMD Sempron 3800+	554	2393	3.62	\$152.92*
AMD Sempron 3850 APU	1711	1774	31.96	\$53.56*
AMD Sempron Dual Core 2100	936	2204	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2162	NA	NA
AMD Sempron Dual Core 2300	982	2171	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2197	NA	NA
AMD Sempron Dual Core 4900	1081	2114	NA	NA
AMD Sempron LE-250	490	2434	NA	NA
AMD Sempron LE-1100	438	2493	NA	NA
AMD Sempron LE-1150	444	2484	NA	NA
AMD Sempron LE-1200	528	2407	NA	NA
AMD Sempron LE-1250	541	2399	5.41	\$99.95*
AMD Sempron LE-1300	598	2369	29.94	\$20.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron LE-1600	535	2404	NA	NA
AMD Sempron LE-1620	635	2352	NA	NA
AMD Sempron LE-1640	759	2293	NA	NA
AMD Sempron M100	558	2391	46.58	\$12.00*
AMD Sempron M120	582	2378	NA	NA
AMD Sempron SI-40	443	2486	36.93	\$12.00*
AMD Sempron SI-42	456	2474	15.22	\$30.01*
AMD Sempron X2 180	1222	2030	17.62	\$69.40*
AMD Sempron X2 190	1512	1884	18.12	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1925	NA	NA
AMD Turion 64 Mobile MK-36	465	2461	NA	NA
AMD Turion 64 Mobile MK-38	513	2418	NA	NA
AMD Turion 64 Mobile ML-28	390	2552	NA	NA
AMD Turion 64 Mobile ML-30	402	2533	NA	NA
AMD Turion 64 Mobile ML-32	409	2520	NA	NA
AMD Turion 64 Mobile ML-34	425	2509	NA	NA
AMD Turion 64 Mobile ML-37	442	2487	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2412	NA	NA
AMD Turion 64 Mobile ML-42	615	2360	NA	NA
AMD Turion 64 Mobile ML-44	591	2371	NA	NA
AMD Turion 64 Mobile MT-28	419	2511	NA	NA
AMD Turion 64 Mobile MT-30	378	2559	NA	NA
AMD Turion 64 Mobile MT-32	426	2508	NA	NA
AMD Turion 64 Mobile MT-34	429	2504	NA	NA
AMD Turion 64 Mobile MT-37	484	2446	NA	NA
AMD Turion 64 Mobile MT-40	536	2402	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2298	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2288	NA	NA
AMD Turion 64 X2 Mobile TL-56	889	2233	44.49	\$20.00*
AMD Turion 64 X2 Mobile TL-58	946	2199	NA	NA
AMD Turion 64 X2 Mobile TL-60	994	2163	45.32	\$21.95*
AMD Turion 64 X2 Mobile TL-62	1087	2108	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1094	2105	27.78	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2080	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2066	12.92	\$90.00*
AMD Turion Dual-Core RM-70	904	2228	36.16	\$25.00*
AMD Turion Dual-Core RM-72	860	2242	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2148	NA	NA
AMD Turion Dual-Core RM-75	977	2173	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1294	1986	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II Dual-Core Mobile M520	1305	1977	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1962	NA	NA
AMD Turion II N530 Dual-Core	1583	1852	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1873	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2175	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2050	NA	NA
AMD Turion II Neo N40L Dual-Core	929	2210	NA	NA
AMD Turion II Neo N54L Dual-Core	1361	1947	NA	NA
AMD Turion II P520 Dual-Core	1359	1952	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II P540 Dual-Core	1428	1917	28.61	\$49.95*
AMD Turion II P560 Dual-Core	1514	1882	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	1927	78.98	\$17.81*
AMD Turion II Ultra Dual-Core Mobile M620	1430	1916	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1805	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1869	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2270	NA	NA
AMD Turion X2 Dual Core L510	923	2215	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2244	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2123	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	993	2167	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1083	2112	4.83	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2122	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1137	2082	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2074	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1012	2149	72.31	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2111	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	2035	63.91	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2022	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1984	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1232	2026	30.86	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2160	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2141	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1908	NA	NA
AMD V105	299	2653	NA	NA
AMD V120	623	2358	NA	NA
AMD V140	642	2348	12.86	\$49.95*
AMD V160	677	2334	NA	NA
AMD Z-01	523	2411	NA	NA
AMD Z-60 APU	500	2429	NA	NA
AMD-K6 3D	90	2829	NA	NA
AMD-K6-III	108	2826	NA	NA
AMD-K7	403	2531	NA	NA
Athlon 64 Dual Core 3800+	1234	2023	NA	NA
Athlon 64 Dual Core 4200+	1156	2071	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	1943	NA	NA
Athlon 64 Dual Core 5000+	1507	1885	NA	NA
Athlon 64 Dual Core 5400+	1614	1835	NA	NA
Athlon 64 Dual Core 5600+	1548	1864	NA	NA
Athlon Dual Core 4050e	968	2181	NA	NA
Athlon Dual Core 4450e	1204	2041	NA	NA
Athlon Dual Core 4850e	1327	1967	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1322	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1084	2110	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1169	2062	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1201	2043	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	2000	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Dual-Core AMD Opteron 1220 SE	1206	2039	NA	NA
HP Hexa-Core 2.0GHz	2178	1563	4.32	\$504.27*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel 1300 @ 1.66GHz	857	2246	NA	NA
Intel 1400 @ 1.83GHz	980	2172	NA	NA
Intel 1500 @ 2.00GHz	1024	2143	NA	NA
Intel Atom 230 @ 1.60GHz	306	2640	NA	NA
Intel Atom 330 @ 1.60GHz	587	2375	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2232	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2187	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1603	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1532	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1565	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	1043	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1163	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1215	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1453	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1424	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	836	14.62	\$332.00*
Intel Atom D410 @ 1.66GHz	301	2649	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2601	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2340	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2318	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2529	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2331	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2313	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2255	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2310	NA	NA
Intel Atom E660 @ 1.30GHz	271	2700	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2598	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2614	2.22	\$149.00*
Intel Atom E3825 @ 1.33GHz	579	2380	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2436	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2251	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2067	NA	NA
Intel Atom E3845 @ 1.91GHz	1501	1887	NA	NA
Intel Atom E3940 @ 1.60GHz	1889	1695	NA	NA
Intel Atom E3950 @ 1.60GHz	1855	1708	NA	NA
Intel Atom K510 @ 1.66GHz	658	2339	NA	NA
Intel Atom N270 @ 1.60GHz	268	2704	NA	NA
Intel Atom N280 @ 1.66GHz	283	2682	NA	NA
Intel Atom N435 @ 1.33GHz	261	2712	NA	NA
Intel Atom N450 @ 1.66GHz	296	2660	NA	NA
Intel Atom N455 @ 1.66GHz	283	2681	NA	NA
Intel Atom N470 @ 1.83GHz	318	2624	NA	NA
Intel Atom N475 @ 1.83GHz	314	2631	NA	NA
Intel Atom N550 @ 1.50GHz	526	2408	6.12	\$86.00*
Intel Atom N570 @ 1.66GHz	571	2386	6.64	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2645	NA	NA
Intel Atom N2600 @ 1.60GHz	525	2410	NA	NA
Intel Atom N2800 @ 1.86GHz	626	2355	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2220	14.32	\$64.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom T5700 @ 1.70GHz	2039	1620	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2271	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1623	1831	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom x5-Z8300 @ 1.44GHz	1194	2045	8.98	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1018	2146	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1266	2007	60.31	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1697	1788	27.13	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1837	1719	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1896	1687	25.75	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1902	1681	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2780	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2756	NA	NA
Intel Atom Z520 @ 1.33GHz	216	2759	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2688	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2595	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2556	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2736	NA	NA
Intel Atom Z2760 @ 1.80GHz	567	2389	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2221	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2212	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2227	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	908	2226	NA	NA
Intel Atom Z3736F @ 1.33GHz	919	2219	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	2121	NA	NA
Intel Atom Z3740D @ 1.33GHz	1025	2142	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2117	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1034	2135	NA	NA
Intel Atom Z3770 @ 1.46GHz	1245	2020	8.34	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2275	NA	NA
Intel Atom Z3775 @ 1.46GHz	1259	2009	35.97	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1999	NA	NA
Intel Atom Z3795 @ 1.60GHz	1770	1744	NA	NA
Intel Celeron 1.70GHz	130	2819	NA	NA
Intel Celeron 1.80GHz	136	2816	NA	NA
Intel Celeron 2.00GHz	182	2792	NA	NA
Intel Celeron 2.10GHz	244	2734	NA	NA
Intel Celeron 2.13GHz	208	2767	NA	NA
Intel Celeron 2.20GHz	213	2762	NA	NA
Intel Celeron 2.26GHz	223	2751	NA	NA
Intel Celeron 2.30GHz	227	2748	NA	NA
Intel Celeron 2.40GHz	217	2757	NA	NA
Intel Celeron 2.50GHz	247	2728	NA	NA
Intel Celeron 2.53GHz	245	2732	NA	NA
Intel Celeron 2.60GHz	238	2739	NA	NA
Intel Celeron 2.66GHz	250	2725	NA	NA
Intel Celeron 2.70GHz	245	2733	NA	NA
Intel Celeron 2.80GHz	254	2718	NA	NA
Intel Celeron 2.93GHz	283	2680	NA	NA
Intel Celeron 3.06GHz	285	2677	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3.20GHz	288	2670	NA	NA
Intel Celeron 3.33GHz	333	2612	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2620	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2623	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2478	11.26	\$39.99*
Intel Celeron 430 @ 1.80GHz	490	2435	9.13	\$53.75*
Intel Celeron 440 @ 2.00GHz	546	2394	9.11	\$59.99*
Intel Celeron 450 @ 2.20GHz	624	2357	20.82	\$29.99*
Intel Celeron 530 @ 1.73GHz	468	2458	20.37	\$23.00*
Intel Celeron 540 @ 1.86GHz	518	2413	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 550 @ 2.00GHz	517	2415	7.96	\$64.95*
Intel Celeron 560 @ 2.13GHz	535	2403	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2414	NA	NA
Intel Celeron 600MHz	147	2812	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2527	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2503	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2296	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2573	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2361	NA	NA
Intel Celeron 847 @ 1.10GHz	934	2205	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1030	2137	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2078	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2059	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	1990	NA	NA
Intel Celeron 887 @ 1.50GHz	1274	2001	NA	NA
Intel Celeron 900 @ 2.20GHz	678	2333	23.42	\$28.99*
Intel Celeron 925 @ 2.30GHz	695	2323	NA	NA
Intel Celeron 1000M @ 1.80GHz	1677	1798	NA	NA
Intel Celeron 1000MHz	213	2761	NA	NA
Intel Celeron 1005M @ 1.90GHz	1807	1729	NA	NA
Intel Celeron 1007U @ 1.50GHz	1389	1934	7.51	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1520	1875	NA	NA
Intel Celeron 1019Y @ 1.00GHz	931	2208	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1544	NA	NA
Intel Celeron 1037U @ 1.80GHz	1735	1762	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2049	NA	NA
Intel Celeron 1066MHz	259	2714	NA	NA
Intel Celeron 1100MHz	174	2798	NA	NA
Intel Celeron 1133MHz	282	2683	NA	NA
Intel Celeron 1200MHz	244	2735	NA	NA
Intel Celeron 1300MHz	288	2672	NA	NA
Intel Celeron 1333MHz	290	2666	NA	NA
Intel Celeron 1400MHz	302	2646	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1492	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1839	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1974	1647	NA	NA
Intel Celeron 2955U @ 1.40GHz	1420	1922	NA	NA
Intel Celeron 2957U @ 1.40GHz	1437	1914	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2091	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2970M @ 2.20GHz	2312	1505	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1849	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1854	NA	NA
Intel Celeron 3205U @ 1.50GHz	1494	1893	5.21	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1642	1820	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1784	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1640	NA	NA
Intel Celeron 3855U @ 1.60GHz	1666	1808	NA	NA
Intel Celeron 3865U @ 1.80GHz	1940	1663	NA	NA
Intel Celeron 3955U @ 2.00GHz	1899	1684	NA	NA
Intel Celeron 3965U @ 2.20GHz	2411	1468	22.54	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1630	1827	15.23	\$107.00*
Intel Celeron @ 1.30GHz	965	2182	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2786	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2268	NA	NA
Intel Celeron B800 @ 1.50GHz	1274	2002	NA	NA
Intel Celeron B810 @ 1.60GHz	1425	1919	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron B815 @ 1.60GHz	1364	1945	NA	NA
Intel Celeron B820 @ 1.70GHz	1427	1918	36.32	\$39.29*
Intel Celeron B830 @ 1.80GHz	1514	1883	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1768	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2703	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2647	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2628	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2608	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2528	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2449	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2376	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2245	7.80	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1046	2129	11.64	\$89.95*
Intel Celeron E1500 @ 2.20GHz	1180	2054	60.07	\$19.65*
Intel Celeron E1600 @ 2.40GHz	1255	2011	NA	NA
Intel Celeron E3200 @ 2.40GHz	1392	1932	26.78	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1386	1936	22.21	\$62.43*
Intel Celeron E3400 @ 2.60GHz	1438	1912	29.88	\$48.15*
Intel Celeron E3500 @ 2.70GHz	1454	1907	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	690	2326	13.81	\$49.99*
Intel Celeron G460 @ 1.80GHz	1029	2138	66.89	\$15.39*
Intel Celeron G465 @ 1.90GHz	1064	2120	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	1983	NA	NA
Intel Celeron G530 @ 2.40GHz	2131	1581	53.29	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1769	NA	NA
Intel Celeron G540 @ 2.50GHz	2199	1557	48.89	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1589	NA	NA
Intel Celeron G550 @ 2.60GHz	2289	1514	114.51	\$19.99*
Intel Celeron G550T @ 2.20GHz	2063	1611	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1465	60.57	\$40.00*
Intel Celeron G1101 @ 2.27GHz	1667	1807	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2489	1442	99.63	\$24.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1610T @ 2.30GHz	2286	1517	57.12	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2574	1408	16.76	\$153.59*
Intel Celeron G1620T @ 2.40GHz	2353	1494	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1440	49.89	\$49.99*
Intel Celeron G1820 @ 2.70GHz	2753	1355	30.60	\$89.99*
Intel Celeron G1820T @ 2.40GHz	2505	1436	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1579	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1421	26.80	\$94.95*
Intel Celeron G1840 @ 2.80GHz	2861	1318	21.89	\$130.71*
Intel Celeron G1840T @ 2.50GHz	2605	1396	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1298	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3150	1221	70.03	\$44.99*
Intel Celeron G3900E @ 2.40GHz	2679	1375	NA	NA
Intel Celeron G3900T @ 2.60GHz	2919	1296	NA	NA
Intel Celeron G3900TE @ 2.30GHz	2591	1403	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1227	39.05	\$79.98*
Intel Celeron G3930 @ 2.90GHz	3040	1256	59.43	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1346	32.17	\$85.99*
Intel Celeron G3950 @ 3.00GHz	3006	1266	42.21	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3262	1176	59.33	\$54.99*
Intel Celeron G4900T @ 2.90GHz	2960	1281	NA	NA
Intel Celeron G4920 @ 3.20GHz	3150	1222	47.02	\$66.99*
Intel Celeron J1750 @ 2.41GHz	1037	2134	NA	NA
Intel Celeron J1800 @ 2.41GHz	1027	2140	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J1850 @ 1.99GHz	1614	1836	NA	NA
Intel Celeron J1900 @ 1.99GHz	1845	1713	NA	NA
Intel Celeron J3060 @ 1.60GHz	972	2177	NA	NA
Intel Celeron J3160 @ 1.60GHz	1791	1735	NA	NA
Intel Celeron J3355 @ 2.00GHz	1193	2046	NA	NA
Intel Celeron J3455 @ 1.50GHz	2126	1586	5.60	\$379.99*
Intel Celeron J4005 @ 2.00GHz	1560	1860	11.11	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2633	1387	24.61	\$107.00*
Intel Celeron M 1.00GHz	207	2768	16.60	\$12.49*
Intel Celeron M 1.30GHz	316	2627	NA	NA
Intel Celeron M 1.50GHz	343	2603	NA	NA
Intel Celeron M 1.60GHz	365	2580	NA	NA
Intel Celeron M 1.70GHz	393	2548	NA	NA
Intel Celeron M 360 1.40GHz	328	2616	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2629	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2605	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2575	NA	NA
Intel Celeron M 440 @ 1.86GHz	397	2539	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2720	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2479	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2501	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2465	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2398	NA	NA
Intel Celeron M 600MHz	151	2810	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2473	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 900MHz	204	2770	NA	NA
Intel Celeron M 1200MHz	275	2698	NA	NA
Intel Celeron M 1300MHz	303	2643	NA	NA
Intel Celeron M 1500MHz	333	2613	NA	NA
Intel Celeron M ULV 800MHz	184	2790	NA	NA
Intel Celeron N2805 @ 1.46GHz	461	2469	NA	NA
Intel Celeron N2806 @ 1.60GHz	794	2278	NA	NA
Intel Celeron N2807 @ 1.58GHz	853	2249	NA	NA
Intel Celeron N2808 @ 1.58GHz	913	2222	NA	NA
Intel Celeron N2810 @ 2.00GHz	782	2281	5.59	\$139.99*
Intel Celeron N2815 @ 1.86GHz	852	2250	NA	NA
Intel Celeron N2820 @ 2.13GHz	930	2209	4.43	\$209.99*
Intel Celeron N2830 @ 2.16GHz	952	2194	NA	NA
Intel Celeron N2840 @ 2.16GHz	1003	2154	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2042	NA	NA
Intel Celeron N2920 @ 1.86GHz	1499	1889	NA	NA
Intel Celeron N2930 @ 1.83GHz	1627	1829	NA	NA
Intel Celeron N2940 @ 1.83GHz	1733	1763	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2229	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2183	NA	NA
Intel Celeron N3050 @ 1.60GHz	878	2235	6.07	\$144.88*
Intel Celeron N3060 @ 1.60GHz	991	2169	NA	NA
Intel Celeron N3150 @ 1.60GHz	1655	1815	NA	NA
Intel Celeron N3160 @ 1.60GHz	1674	1800	5.84	\$286.99*
Intel Celeron N3350 @ 1.10GHz	1106	2096	NA	NA
Intel Celeron N3450 @ 1.10GHz	1850	1711	11.55	\$160.20*
Intel Celeron N4000 @ 1.10GHz	1469	1901	13.73	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2329	1497	21.77	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1119	2084	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2165	NA	NA
Intel Celeron P4600 @ 2.00GHz	1337	1963	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron SU2300 @ 1.20GHz	771	2285	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2196	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2124	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1783	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2308	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2328	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2273	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2127	87.68	\$11.99*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2070	23.15	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1270	2005	211.74	\$6.00*
Intel Core2 Duo E4600 @ 2.40GHz	1384	1937	8.76	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1482	1897	54.93	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1109	2092	85.40	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2052	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1289	1991	43.05	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1360	1951	27.21	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1458	1905	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1497	1890	100.19	\$14.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6600 @ 2.40GHz	1553	1863	103.64	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1792	56.47	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1716	1770	166.65	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1946	1660	38.95	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1631	1825	33.30	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1725	1765	43.27	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1772	1743	61.13	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1699	125.08	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1968	1652	16.41	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1520	1876	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1746	1754	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1884	1696	37.70	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1657	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1493	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1992	1638	99.68	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1712	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1584	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2148	1574	13.60	\$157.95*
Intel Core2 Duo E8435 @ 3.06GHz	2127	1585	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2282	1520	57.07	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2403	1472	48.08	\$49.99*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1551	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2291	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2329	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2264	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2252	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	958	2190	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2176	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2085	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	2119	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1325	1969	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	1988	64.61	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	1982	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	1923	35.43	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2200	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1879	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1437	1913	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2145	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P8400 @ 2.26GHz	1455	1906	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1868	31.24	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1830	42.75	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1758	30.57	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1859	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1756	1749	1.76	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1738	1760	17.56	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1863	1703	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2013	1632	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2374	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1264	2008	5.00	\$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	1676	1799	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	932	2207	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	832	2259	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	836	2258	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2269	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	933	2206	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	912	2223	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2225	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2216	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1042	2132	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1028	2139	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2166	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1093	2106	109.49	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1110	2090	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1195	2044	75.21	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1148	2075	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	2037	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1225	2029	81.74	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1287	1993	85.87	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1257	2010	32.66	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1361	1948	72.04	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1361	1949	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1017	2147	46.29	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1166	2064	11.67	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1114	2088	5.53	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1192	2047	38.48	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1246	2019	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1273	2003	29.62	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1381	1938	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1422	1921	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1586	1851	2.61	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1296	1985	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1471	1899	13.51	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1673	1802	28.85	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1740	1759	24.88	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1796	1733	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1805	1731	6.04	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1928	1668	21.44	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2019	1629	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2131	1580	5.34	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	872	2238	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2372	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2336	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2322	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2243	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo U9600 @ 1.60GHz	1133	2083	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1793	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1082	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3634	1084	2.43	\$1,495.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1130	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1872	1700	7.10	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1732	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1965	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1795	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1895	1689	4.62	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2063	1610	2.42	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4159	969	4.84	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	902	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	876	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	865	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2951	1283	73.81	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3285	1174	73.04	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2811	1334	122.27	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2981	1272	59.65	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3164	1214	13.19	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2524	1426	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1187	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3160	1217	63.22	\$49.99*
Intel Core2 Quad Q9400 @ 2.66GHz	3341	1164	98.31	\$33.99*
Intel Core2 Quad Q9450 @ 2.66GHz	3760	1054	105.33	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3537	1111	101.10	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3561	1102	18.74	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3965	1009	89.14	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4163	967	59.48	\$69.99*
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1011	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	350	2594	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2636	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2513	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	464	2462	NA	NA
Intel Core 330 @ 1.60GHz	643	2347	NA	NA
Intel Core 860 @ 2.80GHz	4555	887	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2311	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2314	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2297	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2325	NA	NA
Intel Core Duo T2250 @ 1.73GHz	756	2294	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2305	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2289	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2276	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2263	NA	NA
Intel Core Duo T2500 @ 2.00GHz	867	2240	7.23	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2203	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2144	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2396	NA	NA
Intel Core Duo U2500 @ 1.20GHz	512	2419	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1666	NA	NA
Intel Core i3-330M @ 2.13GHz	1787	1738	36.80	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1075	2118	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-350M @ 2.27GHz	1893	1690	17.38	\$108.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-370M @ 2.40GHz	2014	1630	50.41	\$39.96*
Intel Core i3-380M @ 2.53GHz	2094	1599	34.94	\$59.95*
Intel Core i3-380UM @ 1.33GHz	1160	2069	NA	NA
Intel Core i3-390M @ 2.67GHz	2183	1562	56.06	\$38.95*
Intel Core i3-530 @ 2.93GHz	2566	1414	13.52	\$189.86*
Intel Core i3-540 @ 3.07GHz	2687	1372	107.60	\$24.98*
Intel Core i3-550 @ 3.20GHz	2829	1324	16.08	\$176.00*
Intel Core i3-560 @ 3.33GHz	2937	1288	16.32	\$179.95*
Intel Core i3-2100 @ 3.10GHz	3691	1076	61.53	\$59.99*
Intel Core i3-2100T @ 2.50GHz	2952	1282	49.21	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1063	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3706	1067	32.24	\$114.99*
Intel Core i3-2120 @ 3.30GHz	3928	1016	70.16	\$55.99*
Intel Core i3-2120T @ 2.60GHz	3164	1213	19.78	\$160.00*
Intel Core i3-2125 @ 3.30GHz	4000	995	19.32	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4068	985	58.13	\$69.99*
Intel Core i3-2140 @ 3.50GHz	4325	939	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1321	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2429	1462	54.01	\$44.99*
Intel Core i3-2312M @ 2.10GHz	2374	1483	NA	NA
Intel Core i3-2328M @ 2.20GHz	2540	1423	27.33	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1243	NA	NA
Intel Core i3-2330M @ 2.20GHz	2523	1428	14.83	\$170.20*
Intel Core i3-2332M @ 2.20GHz	2382	1480	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1767	NA	NA
Intel Core i3-2348M @ 2.30GHz	2617	1392	NA	NA
Intel Core i3-2350M @ 2.30GHz	2623	1389	71.27	\$36.81*
Intel Core i3-2357M @ 1.30GHz	1556	1862	NA	NA
Intel Core i3-2365M @ 1.40GHz	1678	1797	NA	NA
Intel Core i3-2367M @ 1.40GHz	1708	1781	NA	NA
Intel Core i3-2370M @ 2.40GHz	2776	1344	69.75	\$39.81*
Intel Core i3-2375M @ 1.50GHz	1774	1741	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1723	NA	NA
Intel Core i3-3110M @ 2.40GHz	3079	1241	38.52	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3217	1196	23.15	\$139.00*
Intel Core i3-3130M @ 2.60GHz	3379	1153	NA	NA
Intel Core i3-3210 @ 3.20GHz	4032	990	36.67	\$109.99*
Intel Core i3-3217U @ 1.80GHz	2303	1509	10.02	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1570	NA	NA
Intel Core i3-3220 @ 3.30GHz	4241	952	53.05	\$79.95*
Intel Core i3-3220T @ 2.80GHz	3694	1073	13.49	\$273.95*
Intel Core i3-3225 @ 3.30GHz	4343	934	36.50	\$119.00*
Intel Core i3-3227U @ 1.90GHz	2470	1450	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1786	NA	NA
Intel Core i3-3240 @ 3.40GHz	4313	942	15.24	\$282.99*
Intel Core i3-3240T @ 2.90GHz	3653	1083	NA	NA
Intel Core i3-3245 @ 3.40GHz	4437	913	55.47	\$79.99*
Intel Core i3-3250 @ 3.50GHz	4447	910	46.82	\$94.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3250T @ 3.00GHz	3614	1087	NA	NA
Intel Core i3-4000M @ 2.40GHz	3248	1183	16.25	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2441	1459	NA	NA
Intel Core i3-4010U @ 1.70GHz	2437	1460	22.16	\$110.00*
Intel Core i3-4010Y @ 1.30GHz	1900	1683	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2163	1569	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2212	1552	NA	NA
Intel Core i3-4025U @ 1.90GHz	2782	1343	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	2712	1366	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1435	NA	NA
Intel Core i3-4100M @ 2.50GHz	3443	1134	15.76	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	1024	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1306	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1253	NA	NA
Intel Core i3-4130 @ 3.40GHz	4801	846	21.53	\$222.99*
Intel Core i3-4130T @ 2.90GHz	4141	973	46.54	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4897	826	28.81	\$169.99*
Intel Core i3-4150T @ 3.00GHz	4229	954	18.39	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1297	NA	NA
Intel Core i3-4160 @ 3.60GHz	5052	793	26.31	\$192.00*
Intel Core i3-4160T @ 3.10GHz	4428	918	29.53	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5191	769	43.63	\$119.00*
Intel Core i3-4170T @ 3.20GHz	4549	890	21.67	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5092	780	28.29	\$179.99*
Intel Core i3-4330T @ 3.00GHz	4486	906	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1199	NA	NA
Intel Core i3-4340 @ 3.60GHz	5240	762	30.83	\$169.99*
Intel Core i3-4350 @ 3.60GHz	4963	814	29.20	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	944	NA	NA
Intel Core i3-4360 @ 3.70GHz	5461	727	37.93	\$143.99
Intel Core i3-4360T @ 3.20GHz	4636	869	NA	NA
Intel Core i3-4370 @ 3.80GHz	5611	707	13.52	\$415.00*
Intel Core i3-4370T @ 3.30GHz	4890	828	35.44	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	821	NA	NA
Intel Core i3-5005U @ 2.00GHz	2903	1304	NA	NA
Intel Core i3-5010U @ 2.10GHz	3055	1249	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	3007	1264	NA	NA
Intel Core i3-5020U @ 2.20GHz	3191	1203	6.95	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3663	1080	NA	NA
Intel Core i3-6006U @ 2.00GHz	3090	1236	NA	NA
Intel Core i3-6098P @ 3.60GHz	5424	731	40.56	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5485	720	45.34	\$120.99*
Intel Core i3-6100E @ 2.70GHz	3769	1052	NA	NA
Intel Core i3-6100H @ 2.70GHz	4249	950	NA	NA
Intel Core i3-6100T @ 3.20GHz	4857	835	25.57	\$189.99*
Intel Core i3-6100TE @ 2.70GHz	4337	935	NA	NA
Intel Core i3-6100U @ 2.30GHz	3603	1091	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	1034	NA	NA
Intel Core i3-6300 @ 3.80GHz	5844	680	33.21	\$175.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-6300T @ 3.30GHz	5249	761	33.87	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6047	660	33.23	\$181.99
Intel Core i3-7020U @ 2.30GHz	3493	1118	12.43	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5781	685	34.83	\$166.00*
Intel Core i3-7100H @ 3.00GHz	4696	861	20.87	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5044	798	56.68	\$89.00*
Intel Core i3-7100U @ 2.40GHz	3778	1050	8.47	\$446.23*
Intel Core i3-7101TE @ 3.40GHz	5196	768	44.42	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4096	981	14.58	\$281.00*
Intel Core i3-7167U @ 2.80GHz	4757	852	NA	NA
Intel Core i3-7300 @ 4.00GHz	6378	626	37.12	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	741	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6488	612	35.51	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6628	602	32.49	\$203.99
Intel Core i3-8100 @ 3.60GHz	8065	460	64.53	\$124.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8100B @ 3.60GHz	8431	431	63.39	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7446	521	53.57	\$139.00*
Intel Core i3-8109U @ 3.00GHz	6176	644	NA	NA
Intel Core i3-8121U @ 2.20GHz	4738	855	NA	NA
Intel Core i3-8130U @ 2.20GHz	5074	786	18.06	\$281.00*
Intel Core i3-8145U @ 2.10GHz	4445	911	15.82	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8657	415	45.42	\$190.61*
Intel Core i3-8300T @ 3.20GHz	8032	465	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9202	364	45.11	\$203.99
Intel Core i5 750S @ 2.40GHz	2197	1559	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1443	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3603	1089	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3787	1046	NA	NA
Intel Core i5-430M @ 2.27GHz	2097	1598	14.99	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	1960	NA	NA
Intel Core i5-450M @ 2.40GHz	2125	1587	66.53	\$31.95*
Intel Core i5-460M @ 2.53GHz	2325	1498	31.02	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	2115	NA	NA
Intel Core i5-480M @ 2.67GHz	2403	1473	29.82	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1539	NA	NA
Intel Core i5-520M @ 2.40GHz	2371	1487	33.88	\$69.99*
Intel Core i5-520UM @ 1.07GHz	1356	1954	NA	NA
Intel Core i5-540M @ 2.53GHz	2454	1454	12.92	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	1942	NA	NA
Intel Core i5-560M @ 2.67GHz	2583	1407	28.71	\$89.97*
Intel Core i5-560UM @ 1.33GHz	1664	1809	NA	NA
Intel Core i5-580M @ 2.67GHz	2593	1402	23.59	\$109.95*
Intel Core i5-650 @ 3.20GHz	3099	1235	36.24	\$85.55*
Intel Core i5-655K @ 3.20GHz	3395	1147	56.60	\$59.99*
Intel Core i5-660 @ 3.33GHz	3253	1179	9.30	\$349.95*
Intel Core i5-661 @ 3.33GHz	3183	1204	31.84	\$99.99*
Intel Core i5-670 @ 3.47GHz	3309	1169	36.77	\$89.99*
Intel Core i5-680 @ 3.60GHz	3509	1114	38.99	\$89.99*
Intel Core i5-750 @ 2.67GHz	3693	1075	39.90	\$92.55*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-760 @ 2.80GHz	3886	1021	43.19	\$89.99*
Intel Core i5-2300 @ 2.80GHz	5353	744	66.93	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5537	715	29.72	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5767	688	36.05	\$160.00*
Intel Core i5-2380P @ 3.10GHz	5749	690	31.94	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4226	955	42.31	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5966	665	41.15	\$144.99*
Intel Core i5-2400S @ 2.50GHz	4982	811	75.84	\$65.70*
Intel Core i5-2405S @ 2.50GHz	5082	783	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3166	1212	43.97	\$72.00*
Intel Core i5-2415M @ 2.30GHz	3299	1171	NA	NA
Intel Core i5-2430M @ 2.40GHz	3281	1175	39.02	\$84.11*
Intel Core i5-2435M @ 2.40GHz	3224	1192	NA	NA
Intel Core i5-2450M @ 2.50GHz	3400	1142	38.63	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6132	650	68.14	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2323	1499	NA	NA
Intel Core i5-2500 @ 3.30GHz	6337	631	45.27	\$139.99
Intel Core i5-2500K @ 3.30GHz	6477	614	56.32	\$115.00*
Intel Core i5-2500S @ 2.70GHz	5349	746	71.34	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4639	867	NA	NA
Intel Core i5-2510E @ 2.50GHz	3483	1122	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1168	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2520M @ 2.50GHz	3590	1093	21.17	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2100	1597	NA	NA
Intel Core i5-2540M @ 2.60GHz	3782	1048	65.19	\$58.02*
Intel Core i5-2550K @ 3.40GHz	6666	598	51.28	\$129.99*
Intel Core i5-2557M @ 1.70GHz	2685	1374	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1057	NA	NA
Intel Core i5-3210M @ 2.50GHz	3826	1037	51.69	\$74.02*
Intel Core i5-3230M @ 2.60GHz	3939	1015	14.48	\$272.04*
Intel Core i5-3317U @ 1.70GHz	3089	1237	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4122	977	36.97	\$111.51*
Intel Core i5-3330 @ 3.00GHz	5938	670	21.13	\$280.99*
Intel Core i5-3330S @ 2.70GHz	5678	698	59.78	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	684	NA	NA
Intel Core i5-3337U @ 1.80GHz	3223	1193	14.33	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1550	NA	NA
Intel Core i5-3340 @ 3.10GHz	6090	656	20.79	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4247	951	53.12	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	679	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6146	648	40.98	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4433	915	47.77	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4431	916	NA	NA
Intel Core i5-3427U @ 1.80GHz	3548	1107	8.45	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3634	1085	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1291	NA	NA
Intel Core i5-3450 @ 3.10GHz	6536	608	51.47	\$126.99*
Intel Core i5-3450S @ 2.80GHz	6223	637	62.24	\$99.99*
Intel Core i5-3470 @ 3.20GHz	6712	593	37.30	\$179.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3470S @ 2.90GHz	6369	628	41.23	\$154.49*
Intel Core i5-3470T @ 2.90GHz	4484	907	14.52	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6619	604	46.13	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6959	568	20.47	\$339.95*
Intel Core i5-3550S @ 3.00GHz	6906	573	20.25	\$341.01*
Intel Core i5-3570 @ 3.40GHz	7121	554	44.51	\$159.99
Intel Core i5-3570K @ 3.40GHz	7174	549	51.62	\$139.00*
Intel Core i5-3570S @ 3.10GHz	6761	587	23.73	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5901	671	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3898	1020	NA	NA
Intel Core i5-4200H @ 2.80GHz	4441	912	NA	NA
Intel Core i5-4200M @ 2.50GHz	4034	989	49.74	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3292	1173	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1470	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2257	1533	NA	NA
Intel Core i5-4210H @ 2.90GHz	4529	899	NA	NA
Intel Core i5-4210M @ 2.60GHz	4193	961	13.53	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3403	1141	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2378	1481	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1506	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1305	NA	NA
Intel Core i5-4250U @ 1.30GHz	3450	1131	9.61	\$358.99*
Intel Core i5-4258U @ 2.40GHz	4082	983	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1100	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	929	NA	NA
Intel Core i5-4288U @ 2.60GHz	4317	941	NA	NA
Intel Core i5-4300M @ 2.60GHz	4424	919	NA	NA
Intel Core i5-4300U @ 1.90GHz	3741	1061	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2499	1439	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4302Y @ 1.60GHz	2971	1276	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	957	NA	NA
Intel Core i5-4310M @ 2.70GHz	4630	872	NA	NA
Intel Core i5-4310U @ 2.00GHz	3759	1056	NA	NA
Intel Core i5-4330M @ 2.80GHz	4547	892	16.54	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4828	838	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1088	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	891	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1012	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1335	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6331	632	21.11	\$299.97*
Intel Core i5-4430S @ 2.70GHz	5938	668	37.12	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6508	610	13.10	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6225	636	13.45	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6716	592	23.99	\$279.99
Intel Core i5-4460S @ 2.90GHz	6411	623	9.71	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4955	817	NA	NA
Intel Core i5-4570 @ 3.20GHz	7138	550	40.80	\$174.99*
Intel Core i5-4570R @ 2.70GHz	6775	584	NA	NA
Intel Core i5-4570S @ 2.90GHz	6813	579	30.29	\$224.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4570T @ 2.90GHz	4807	841	32.05	\$149.99*
Intel Core i5-4570TE @ 2.70GHz	3827	1036	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7323	536	33.44	\$218.99
Intel Core i5-4590S @ 3.00GHz	7057	559	36.01	\$195.99*
Intel Core i5-4590T @ 2.00GHz	5610	708	26.72	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7452	519	46.87	\$159.00*
Intel Core i5-4670K @ 3.40GHz	7633	504	22.20	\$343.81*
Intel Core i5-4670K CPT @ 3.40GHz	7411	527	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	525	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7353	532	34.52	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6168	646	23.81	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7674	502	17.44	\$439.97*
Intel Core i5-4690K @ 3.50GHz	7796	488	25.72	\$303.18*
Intel Core i5-4690S @ 3.20GHz	7449	520	16.57	\$449.53*
Intel Core i5-4690T @ 2.50GHz	6478	613	NA	NA
Intel Core i5-5200U @ 2.20GHz	3486	1121	NA	NA
Intel Core i5-5250U @ 1.60GHz	3584	1097	8.11	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4406	922	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	860	NA	NA
Intel Core i5-5300U @ 2.30GHz	3824	1038	7.42	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3482	1123	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	516	NA	NA
Intel Core i5-5675C @ 3.10GHz	8191	447	20.48	\$399.99*
Intel Core i5-5675R @ 3.10GHz	8054	463	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4147	970	NA	NA
Intel Core i5-6200U @ 2.30GHz	4019	991	NA	NA
Intel Core i5-6260U @ 1.80GHz	4360	930	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4960	816	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	853	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6090	657	NA	NA
Intel Core i5-6300U @ 2.40GHz	4373	927	NA	NA
Intel Core i5-6360U @ 2.00GHz	4880	829	NA	NA
Intel Core i5-6400 @ 2.70GHz	6764	586	31.66	\$213.66*
Intel Core i5-6400T @ 2.20GHz	5615	705	35.49	\$158.23*
Intel Core i5-6402P @ 2.80GHz	7116	555	37.46	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	638	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6440HQ @ 2.60GHz	6787	581	NA	NA
Intel Core i5-6500 @ 3.20GHz	7245	542	21.56	\$336.00*
Intel Core i5-6500T @ 2.50GHz	6284	634	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6539	607	31.14	\$209.99*
Intel Core i5-6600 @ 3.30GHz	7770	490	29.90	\$259.94*
Intel Core i5-6600K @ 3.50GHz	8063	461	32.65	\$246.99*
Intel Core i5-6600T @ 2.70GHz	7336	534	30.57	\$239.99*
Intel Core i5-7200U @ 2.50GHz	4611	878	NA	NA
Intel Core i5-7260U @ 2.20GHz	5680	696	5.63	\$1,009.00*
Intel Core i5-7267U @ 3.10GHz	5098	779	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	703	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6801	580	NA	NA
Intel Core i5-7300U @ 2.60GHz	5185	771	11.27	\$459.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7360U @ 2.30GHz	5823	682	NA	NA
Intel Core i5-7400 @ 3.00GHz	7337	533	27.18	\$269.99
Intel Core i5-7400T @ 2.40GHz	6418	622	31.01	\$206.99
Intel Core i5-7440HQ @ 2.80GHz	7703	497	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	6262	635	25.05	\$250.00*
Intel Core i5-7500 @ 3.40GHz	8026	466	32.11	\$249.94*
Intel Core i5-7500T @ 2.70GHz	7008	562	30.88	\$226.99
Intel Core i5-7600 @ 3.50GHz	8730	408	35.78	\$243.99
Intel Core i5-7600K @ 3.80GHz	9121	370	29.47	\$309.53*
Intel Core i5-7600T @ 2.80GHz	8089	458	23.70	\$341.40*
Intel Core i5-7640X @ 4.00GHz	9545	333	27.81	\$343.28*
Intel Core i5-8200Y @ 1.30GHz	4206	960	14.46	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4057	986	NA	NA
Intel Core i5-8250U @ 1.60GHz	7677	501	NA	NA
Intel Core i5-8259U @ 2.30GHz	11003	240	16.64	\$661.29*
Intel Core i5-8265U @ 1.60GHz	8167	450	27.50	\$297.00*
Intel Core i5-8300H @ 2.30GHz	9502	335	38.01	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8946	392	NA	NA
Intel Core i5-8350U @ 1.70GHz	8234	443	27.72	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11640	221	58.21	\$199.99*
Intel Core i5-8400H @ 2.50GHz	10126	282	40.51	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9587	330	40.11	\$239.00*
Intel Core i5-8500 @ 3.00GHz	11937	216	53.06	\$224.99*
Intel Core i5-8500B @ 3.00GHz	12639	195	65.83	\$192.00*
Intel Core i5-8500T @ 2.10GHz	9997	296	45.79	\$218.34*
Intel Core i5-8600 @ 3.10GHz	12623	196	50.49	\$249.99*
Intel Core i5-8600K @ 3.60GHz	12763	190	48.16	\$264.99*
Intel Core i5-8600T @ 2.30GHz	10875	245	29.08	\$373.99*
Intel Core i5-9400 @ 2.90GHz	12074	212	66.35	\$182.00*
Intel Core i5-9400F @ 2.90GHz	12236	208	71.98	\$169.99
Intel Core i5-9600K @ 3.70GHz	13498	176	50.94	\$264.99
Intel Core i5-24050S @ 2.50GHz	4928	823	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3744	1060	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1650	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1420	NA	NA
Intel Core i7-620LM @ 2.00GHz	1947	1659	NA	NA
Intel Core i7-620M @ 2.67GHz	2724	1364	24.76	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	1970	NA	NA
Intel Core i7-640LM @ 2.13GHz	2254	1535	NA	NA
Intel Core i7-640M @ 2.80GHz	2828	1325	14.15	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1661	1811	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1756	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1778	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	3010	1261	27.38	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3193	1202	29.04	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3226	1190	23.21	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3408	1140	11.75	\$289.97*
Intel Core i7-860 @ 2.80GHz	5002	807	56.85	\$87.99*
Intel Core i7-860S @ 2.53GHz	4711	857	23.56	\$199.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-870 @ 2.93GHz	5328	753	56.09	\$95.00*
Intel Core i7-870S @ 2.67GHz	4849	837	NA	NA
Intel Core i7-875K @ 2.93GHz	5424	732	12.05	\$449.99*
Intel Core i7-880 @ 3.07GHz	5527	718	9.48	\$583.00*
Intel Core i7-920 @ 2.67GHz	4919	825	28.27	\$174.00*
Intel Core i7-920XM @ 2.00GHz	3726	1064	1.10	\$3,375.00*
Intel Core i7-930 @ 2.80GHz	5136	775	39.52	\$129.99*
Intel Core i7-940 @ 2.93GHz	5343	748	51.39	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3964	1010	NA	NA
Intel Core i7-950 @ 3.07GHz	5546	713	26.54	\$209.00*
Intel Core i7-960 @ 3.20GHz	5804	683	19.93	\$291.28*
Intel Core i7-965 @ 3.20GHz	5856	676	41.83	\$139.99*
Intel Core i7-970 @ 3.20GHz	8364	436	55.77	\$149.98*
Intel Core i7-975 @ 3.33GHz	6125	651	34.03	\$179.99*
Intel Core i7-980 @ 3.33GHz	8643	417	43.22	\$199.98*
Intel Core i7-980X @ 3.33GHz	8754	407	7.89	\$1,109.95*
Intel Core i7-985 @ 3.47GHz	6641	600	NA	NA
Intel Core i7-990X @ 3.47GHz	9068	375	25.91	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	315	NA	NA
Intel Core i7-2600 @ 3.40GHz	8190	448	35.19	\$232.72*
Intel Core i7-2600K @ 3.40GHz	8429	432	44.37	\$189.98*
Intel Core i7-2600S @ 2.80GHz	7082	556	48.68	\$145.50*
Intel Core i7-2610UE @ 1.50GHz	2481	1446	NA	NA
Intel Core i7-2617M @ 1.50GHz	2824	1328	NA	NA
Intel Core i7-2620M @ 2.70GHz	3841	1031	22.63	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5528	717	24.04	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1406	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5456	728	NA	NA
Intel Core i7-2637M @ 1.70GHz	2905	1303	NA	NA
Intel Core i7-2640M @ 2.80GHz	3922	1019	21.09	\$185.97*
Intel Core i7-2655LE @ 2.20GHz	3196	1201	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5881	675	42.32	\$139.00*
Intel Core i7-2675QM @ 2.20GHz	5531	716	NA	NA
Intel Core i7-2677M @ 1.80GHz	2824	1327	NA	NA
Intel Core i7-2700K @ 3.50GHz	8687	412	45.13	\$192.50*
Intel Core i7-2710QE @ 2.10GHz	5768	687	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	742	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6116	653	32.20	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6582	606	41.19	\$159.81*
Intel Core i7-2820QM @ 2.30GHz	6640	601	18.66	\$355.95*
Intel Core i7-2840QM @ 2.40GHz	6766	585	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6987	564	11.65	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7039	561	15.98	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7239	543	17.66	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3585	1096	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3350	1160	NA	NA
Intel Core i7-3520M @ 2.90GHz	4546	893	19.35	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3846	1030	NA	NA
Intel Core i7-3540M @ 3.00GHz	4660	864	10.84	\$429.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3555LE @ 2.50GHz	3966	1008	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	616	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7460	517	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	594	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6822	578	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	518	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7387	530	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7581	508	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6933	570	29.13	\$238.05*
Intel Core i7-3635QM @ 2.40GHz	6673	597	NA	NA
Intel Core i7-3667U @ 2.00GHz	3999	996	NA	NA
Intel Core i7-3687U @ 2.10GHz	4186	963	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1195	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8125	457	22.63	\$359.00*
Intel Core i7-3740QM @ 2.70GHz	8326	438	34.70	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9282	357	21.39	\$433.99
Intel Core i7-3770K @ 3.50GHz	9510	334	37.08	\$256.50*
Intel Core i7-3770S @ 3.10GHz	8892	395	45.25	\$196.50*
Intel Core i7-3770T @ 2.50GHz	8208	446	24.87	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8991	384	44.96	\$199.99*
Intel Core i7-3820QM @ 2.70GHz	8402	433	17.25	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8782	404	26.22	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9159	366	8.36	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11978	214	30.02	\$398.98*
Intel Core i7-3940XM @ 3.00GHz	9273	358	17.20	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12593	197	13.84	\$909.78*
Intel Core i7-3970X @ 3.50GHz	12673	194	15.65	\$809.99*
Intel Core i7-4500U @ 1.80GHz	3791	1045	NA	NA
Intel Core i7-4510U @ 2.00GHz	3923	1018	NA	NA
Intel Core i7-4550U @ 1.50GHz	3699	1071	NA	NA
Intel Core i7-4558U @ 2.80GHz	4391	925	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	937	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	847	NA	NA
Intel Core i7-4600M @ 2.90GHz	4895	827	NA	NA
Intel Core i7-4600U @ 2.10GHz	4101	980	NA	NA
Intel Core i7-4610M @ 3.00GHz	4947	819	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1059	NA	NA
Intel Core i7-4650U @ 1.70GHz	3966	1007	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	548	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7726	496	20.17	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7687	499	40.68	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7415	526	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7123	553	21.14	\$337.04*
Intel Core i7-4710HQ @ 2.50GHz	7727	495	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7987	471	29.41	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7520	512	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7213	546	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7995	470	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8067	459	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4750HQ @ 2.00GHz	8221	444	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	421	NA	NA
Intel Core i7-4765T @ 2.00GHz	7308	539	18.27	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9781	318	49.15	\$199.00*
Intel Core i7-4770HQ @ 2.20GHz	8948	391	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4770K @ 3.50GHz	10083	287	24.98	\$403.61*
Intel Core i7-4770R @ 3.20GHz	9822	312	NA	NA
Intel Core i7-4770S @ 3.10GHz	9346	351	37.39	\$249.99*
Intel Core i7-4770T @ 2.50GHz	8587	422	21.47	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	590	NA	NA
Intel Core i7-4771 @ 3.50GHz	9868	307	16.18	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7617	506	NA	NA
Intel Core i7-4790 @ 3.60GHz	9985	298	34.55	\$288.99*
Intel Core i7-4790K @ 4.00GHz	11175	229	36.40	\$306.99*
Intel Core i7-4790S @ 3.20GHz	9574	331	20.72	\$462.13*
Intel Core i7-4790T @ 2.70GHz	9082	374	25.30	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8461	428	41.48	\$204.00*
Intel Core i7-4810MQ @ 2.80GHz	8648	416	20.35	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9711	324	44.15	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9051	377	20.86	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7818	484	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9267	360	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9367	349	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8986	387	15.32	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9350	350	20.33	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13010	184	21.71	\$599.28*
Intel Core i7-4930MX @ 3.00GHz	9487	337	8.66	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9914	302	13.96	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9807	314	15.74	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13796	164	17.92	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10244	273	NA	NA
Intel Core i7-5500U @ 2.40GHz	3978	1003	NA	NA
Intel Core i7-5550U @ 2.00GHz	3686	1077	NA	NA
Intel Core i7-5557U @ 3.10GHz	4949	818	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4311	943	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	956	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	451	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	441	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8367	435	NA	NA
Intel Core i7-5775C @ 3.30GHz	10977	241	16.00	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10893	244	NA	NA
Intel Core i7-5820K @ 3.30GHz	12985	185	43.29	\$299.99*
Intel Core i7-5850EQ @ 2.70GHz	9817	313	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	342	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13631	169	27.32	\$498.98*
Intel Core i7-5950HQ @ 2.90GHz	10932	243	NA	NA
Intel Core i7-5960X @ 3.00GHz	15948	110	13.40	\$1,190.12*
Intel Core i7-6498DU @ 2.50GHz	4538	895	NA	NA
Intel Core i7-6500U @ 2.50GHz	4429	917	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6560U @ 2.20GHz	4809	839	NA	NA
Intel Core i7-6567U @ 3.30GHz	5656	704	NA	NA
Intel Core i7-6600U @ 2.60GHz	4802	845	NA	NA
Intel Core i7-6650U @ 2.20GHz	4964	813	NA	NA
Intel Core i7-6700 @ 3.40GHz	10004	294	29.86	\$335.00*
Intel Core i7-6700HQ @ 2.60GHz	8132	455	21.52	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11109	233	24.87	\$446.79*
Intel Core i7-6700T @ 2.80GHz	9020	383	30.07	\$300.00*
Intel Core i7-6700TE @ 2.40GHz	8696	410	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9723	323	9.71	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13581	173	29.65	\$458.00*
Intel Core i7-6820EQ @ 2.80GHz	8626	419	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6820HK @ 2.70GHz	9120	371	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8772	405	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	620	NA	NA
Intel Core i7-6850K @ 3.60GHz	14369	147	26.13	\$550.00*
Intel Core i7-6900K @ 3.20GHz	17665	79	14.72	\$1,199.98*
Intel Core i7-6920HQ @ 2.90GHz	9593	329	16.89	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19947	49	12.24	\$1,630.00*
Intel Core i7-7500U @ 2.70GHz	5157	773	NA	NA
Intel Core i7-7560U @ 2.40GHz	5849	678	NA	NA
Intel Core i7-7567U @ 3.50GHz	6495	611	NA	NA
Intel Core i7-7600U @ 2.80GHz	5089	781	NA	NA
Intel Core i7-7660U @ 2.50GHz	6015	662	NA	NA
Intel Core i7-7700 @ 3.60GHz	10732	249	32.04	\$334.99
Intel Core i7-7700HQ @ 2.80GHz	8817	402	NA	NA
Intel Core i7-7700K @ 4.20GHz	12036	213	34.39	\$349.99
Intel Core i7-7700T @ 2.90GHz	9283	356	25.43	\$365.00
Intel Core i7-7740X @ 4.30GHz	12280	206	20.47	\$599.99*
Intel Core i7-7800X @ 3.50GHz	14610	138	36.53	\$399.99
Intel Core i7-7820HK @ 2.90GHz	9986	297	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9270	359	24.52	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18487	69	27.51	\$672.04*
Intel Core i7-7900X @ 3.30GHz	20153	48	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9979	300	NA	NA
Intel Core i7-8086K @ 4.00GHz	16695	89	30.19	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3873	1023	9.86	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8296	439	NA	NA
Intel Core i7-8559U @ 2.70GHz	12283	204	NA	NA
Intel Core i7-8565U @ 1.80GHz	9049	379	NA	NA
Intel Core i7-8650U @ 1.90GHz	8820	401	NA	NA
Intel Core i7-8700 @ 3.20GHz	15145	128	48.86	\$309.99
Intel Core i7-8700B @ 3.20GHz	14905	133	49.19	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15966	109	42.02	\$379.99
Intel Core i7-8700T @ 2.40GHz	12716	192	24.98	\$509.00*
Intel Core i7-8705G @ 3.10GHz	10003	295	NA	NA
Intel Core i7-8706G @ 3.10GHz	10549	257	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	319	NA	NA
Intel Core i7-8750H @ 2.20GHz	12483	199	31.60	\$395.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8809G @ 3.10GHz	11032	238	NA	NA
Intel Core i7-8850H @ 2.60GHz	13159	181	33.32	\$395.00*
Intel Core i7-9700K @ 3.60GHz	17258	83	42.09	\$409.99
Intel Core i7-9750H @ 2.60GHz	14118	154	NA	NA
Intel Core i7-9800X @ 3.80GHz	19860	51	31.53	\$629.99*
Intel Core i9-7900X @ 3.30GHz	21897	31	20.88	\$1,048.99
Intel Core i9-7920X @ 2.90GHz	23299	23	19.42	\$1,199.99
Intel Core i9-7940X @ 3.10GHz	25416	14	18.17	\$1,399.00
Intel Core i9-7960X @ 2.80GHz	25950	11	18.54	\$1,399.99
Intel Core i9-7980XE @ 2.60GHz	27885	6	13.60	\$2,049.99
Intel Core i9-8950HK @ 2.90GHz	14429	144	24.75	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21469	39	26.84	\$799.99*
Intel Core i9-9900K @ 3.60GHz	20169	47	38.42	\$524.99
Intel Core i9-9900X @ 3.50GHz	23086	25	23.09	\$999.99
Intel Core i9-9920X @ 3.50GHz	25843	12	21.54	\$1,199.99
Intel Core i9-9940X @ 3.30GHz	27223	8	19.45	\$1,399.99
Intel Core i9-9960X @ 3.10GHz	29750	1	17.50	\$1,699.99
Intel Core i9-9980XE @ 3.00GHz	29111	2	12.11	\$2,403.55*
Intel Core m3-6Y30 @ 0.90GHz	3051	1252	10.86	\$281.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core m3-7Y30 @ 1.00GHz	3550	1105	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3052	1251	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3447	1132	12.27	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3373	1154	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3244	1186	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3478	1125	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2702	1369	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1479	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2816	1330	10.02	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1323	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2477	1448	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3018	1259	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2972	1275	10.58	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2547	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2540	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2457	NA	NA
Intel Core Solo U1300 @ 1.06GHz	271	2701	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2694	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2615	NA	NA
Intel E3000 @ 3.40GHz	2767	1345	NA	NA
Intel Pentium 4 1.40GHz	164	2801	NA	NA
Intel Pentium 4 1.50GHz	131	2818	NA	NA
Intel Pentium 4 1.60GHz	129	2820	NA	NA
Intel Pentium 4 1.70GHz	132	2817	NA	NA
Intel Pentium 4 1.80GHz	161	2804	NA	NA
Intel Pentium 4 1.90GHz	159	2805	NA	NA
Intel Pentium 4 2.00GHz	189	2783	NA	NA
Intel Pentium 4 2.20GHz	209	2765	NA	NA
Intel Pentium 4 2.26GHz	221	2753	NA	NA
Intel Pentium 4 2.40GHz	228	2746	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.50GHz	245	2731	NA	NA
Intel Pentium 4 2.53GHz	248	2727	NA	NA
Intel Pentium 4 2.60GHz	288	2673	NA	NA
Intel Pentium 4 2.66GHz	254	2719	NA	NA
Intel Pentium 4 2.80GHz	322	2621	NA	NA
Intel Pentium 4 2.93GHz	299	2655	NA	NA
Intel Pentium 4 3.00GHz	353	2592	NA	NA
Intel Pentium 4 3.06GHz	347	2596	NA	NA
Intel Pentium 4 3.20GHz	374	2566	NA	NA
Intel Pentium 4 3.40GHz	396	2542	NA	NA
Intel Pentium 4 3.46GHz	487	2437	NA	NA
Intel Pentium 4 3.60GHz	487	2439	NA	NA
Intel Pentium 4 3.73GHz	486	2441	NA	NA
Intel Pentium 4 3.80GHz	485	2443	NA	NA
Intel Pentium 4 3.83GHz	195	2778	NA	NA
Intel Pentium 4 4.00GHz	184	2788	NA	NA
Intel Pentium 4 1300MHz	119	2824	NA	NA
Intel Pentium 4 1400MHz	127	2821	NA	NA
Intel Pentium 4 1500MHz	125	2822	NA	NA
Intel Pentium 4 1600MHz	193	2782	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2808	NA	NA
Intel Pentium 4 1800MHz	162	2803	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2811	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2777	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2794	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2766	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 Mobile 1.80GHz	175	2797	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2764	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2773	NA	NA
Intel Pentium 5 2.66GHz	705	2319	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2103	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1160	2068	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2076	NA	NA
Intel Pentium 987 @ 1.50GHz	1230	2027	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	1931	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1356	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1260	NA	NA
Intel Pentium 2020M @ 2.40GHz	2275	1524	16.98	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2406	1471	17.96	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1655	1814	12.36	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1820	1728	13.58	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2125	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2275	1523	NA	NA
Intel Pentium 3556U @ 1.70GHz	1697	1787	NA	NA
Intel Pentium 3558U @ 1.70GHz	1681	1794	NA	NA
Intel Pentium 3560M @ 2.40GHz	2270	1530	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2006	NA	NA
Intel Pentium 3805U @ 1.90GHz	1981	1644	NA	NA
Intel Pentium 3825U @ 1.90GHz	2516	1431	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4405U @ 2.10GHz	2928	1293	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1612	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2047	1617	12.72	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3144	1223	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2228	1545	13.84	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3246	1185	20.17	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1840	NA	NA
Intel Pentium B940 @ 2.00GHz	1728	1764	57.73	\$29.94*
Intel Pentium B950 @ 2.10GHz	1715	1772	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1709	37.82	\$48.99*
Intel Pentium B970 @ 2.30GHz	1959	1656	38.44	\$50.99*
Intel Pentium B980 @ 2.40GHz	2029	1623	29.01	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1042	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	532	2405	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2349	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2377	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2315	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2301	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2272	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2239	5.50	\$157.95*
Intel Pentium E2160 @ 1.80GHz	998	2159	28.53	\$35.00*
Intel Pentium E2180 @ 2.00GHz	1088	2107	54.44	\$19.99*
Intel Pentium E2200 @ 2.20GHz	1204	2040	16.05	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2057	NA	NA
Intel Pentium E2220 @ 2.40GHz	1328	1966	8.41	\$157.95*
Intel Pentium E5200 @ 2.50GHz	1487	1894	16.53	\$89.95*
Intel Pentium E5300 @ 2.60GHz	1539	1867	77.17	\$19.95*
Intel Pentium E5400 @ 2.70GHz	1598	1845	79.97	\$19.99*
Intel Pentium E5500 @ 2.80GHz	1641	1821	82.28	\$19.95*
Intel Pentium E5700 @ 3.00GHz	1737	1761	115.93	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1891	1691	63.08	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1710	1777	166.08	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1762	1745	11.16	\$157.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E6600 @ 3.06GHz	1862	1704	18.63	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1935	1667	113.89	\$16.99*
Intel Pentium E6800 @ 3.33GHz	1984	1643	22.30	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2224	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2180	NA	NA
Intel Pentium G620 @ 2.60GHz	2293	1513	91.76	\$24.99*
Intel Pentium G620T @ 2.20GHz	2028	1624	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2372	1486	23.72	\$100.00*
Intel Pentium G630T @ 2.30GHz	2089	1600	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2524	1425	28.05	\$90.00*
Intel Pentium G640T @ 2.40GHz	1979	1646	NA	NA
Intel Pentium G645 @ 2.90GHz	2589	1404	27.26	\$95.00*
Intel Pentium G645T @ 2.50GHz	2288	1515	NA	NA
Intel Pentium G840 @ 2.80GHz	2561	1416	73.21	\$34.99*
Intel Pentium G850 @ 2.90GHz	2665	1379	88.87	\$29.99*
Intel Pentium G860 @ 3.00GHz	2742	1357	91.43	\$29.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G870 @ 3.10GHz	2814	1332	29.01	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2596	1400	74.42	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2755	1354	45.97	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2469	1451	51.87	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2868	1315	71.73	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2481	1447	38.77	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1350	NA	NA
Intel Pentium G2120 @ 3.10GHz	3081	1240	19.32	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3205	1198	64.12	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3384	1150	67.71	\$49.99*
Intel Pentium G3220 @ 3.00GHz	3127	1226	26.07	\$119.95*
Intel Pentium G3220T @ 2.60GHz	2573	1412	36.76	\$69.99*
Intel Pentium G3240 @ 3.10GHz	3157	1218	24.29	\$129.99
Intel Pentium G3240T @ 2.70GHz	2840	1319	NA	NA
Intel Pentium G3250 @ 3.20GHz	3252	1181	29.57	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2971	1277	33.02	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3877	1022	20.59	\$188.28*
Intel Pentium G3260 @ 3.30GHz	3358	1158	31.99	\$104.99*
Intel Pentium G3260T @ 2.90GHz	2930	1290	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1477	NA	NA
Intel Pentium G3420 @ 3.20GHz	3398	1144	30.90	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1263	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1146	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3314	1166	20.72	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1234	NA	NA
Intel Pentium G3450 @ 3.40GHz	3700	1070	37.01	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1280	NA	NA
Intel Pentium G3460 @ 3.50GHz	3588	1095	12.45	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3704	1069	35.53	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3550	1104	29.87	\$118.90*
Intel Pentium G4400T @ 2.90GHz	3224	1191	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1313	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3803	1044	38.42	\$98.99*
Intel Pentium G4500T @ 3.00GHz	3471	1127	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	965	40.24	\$103.99*
Intel Pentium G4560 @ 3.50GHz	4867	830	45.13	\$107.86*
Intel Pentium G4560T @ 2.90GHz	3983	1002	36.22	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5082	784	21.18	\$239.95*
Intel Pentium G4600T @ 3.00GHz	4266	947	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5210	764	45.84	\$113.66*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G6950 @ 2.80GHz	1859	1706	46.49	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1577	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2057	1613	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5210	763	5.16	\$1,009.99*
Intel Pentium Gold G5400T @ 3.10GHz	5048	795	78.89	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5205	765	54.80	\$94.99*
Intel Pentium Gold G5500T @ 3.20GHz	4218	958	56.24	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5667	700	52.11	\$108.75*
Intel Pentium III 933S @ 933MHz	238	2740	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III 1133 @ 1133MHz	284	2678	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2693	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2638	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2658	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2654	NA	NA
Intel Pentium III Mobile 750MHz	103	2827	NA	NA
Intel Pentium III Mobile 800MHz	182	2791	NA	NA
Intel Pentium III Mobile 866MHz	152	2809	NA	NA
Intel Pentium III Mobile 933MHz	218	2755	7.55	\$28.99*
Intel Pentium III Mobile 1000MHz	245	2730	NA	NA
Intel Pentium III Mobile 1066MHz	246	2729	NA	NA
Intel Pentium III Mobile 1133MHz	251	2723	NA	NA
Intel Pentium III Mobile 1200MHz	240	2737	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1718	NA	NA
Intel Pentium J2900 @ 2.41GHz	1962	1654	NA	NA
Intel Pentium J3710 @ 1.60GHz	1923	1672	NA	NA
Intel Pentium J4205 @ 1.50GHz	2302	1511	NA	NA
Intel Pentium M 1.10GHz	282	2684	NA	NA
Intel Pentium M 1.20GHz	298	2656	NA	NA
Intel Pentium M 1.30GHz	301	2648	NA	NA
Intel Pentium M 1.40GHz	345	2600	NA	NA
Intel Pentium M 1.50GHz	366	2577	NA	NA
Intel Pentium M 1.60GHz	365	2581	NA	NA
Intel Pentium M 1.70GHz	406	2525	NA	NA
Intel Pentium M 1.73GHz	413	2515	NA	NA
Intel Pentium M 1.80GHz	411	2517	NA	NA
Intel Pentium M 1.86GHz	439	2492	NA	NA
Intel Pentium M 2.00GHz	460	2470	NA	NA
Intel Pentium M 2.10GHz	448	2480	NA	NA
Intel Pentium M 2.13GHz	504	2426	NA	NA
Intel Pentium M 2.26GHz	509	2423	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2448	NA	NA
Intel Pentium M 900MHz	217	2758	NA	NA
Intel Pentium M 1000MHz	233	2743	NA	NA
Intel Pentium M 1100MHz	259	2715	NA	NA
Intel Pentium M 1200MHz	237	2741	NA	NA
Intel Pentium M 1300MHz	303	2642	NA	NA
Intel Pentium M 1400MHz	321	2622	NA	NA
Intel Pentium M 1500MHz	354	2589	NA	NA
Intel Pentium M 1600MHz	334	2611	NA	NA
Intel Pentium M 1700MHz	377	2562	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1877	NA	NA
Intel Pentium N3520 @ 2.16GHz	1789	1737	NA	NA
Intel Pentium N3530 @ 2.16GHz	1895	1688	NA	NA
Intel Pentium N3540 @ 2.16GHz	1926	1669	7.68	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1831	1722	4.12	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1859	1705	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium N4200 @ 1.10GHz	2028	1625	9.09	\$223.22*
Intel Pentium P6000 @ 1.87GHz	1244	2021	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium P6100 @ 2.00GHz	1325	1968	110.49	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1349	1957	30.02	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1940	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2908	1299	13.22	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2444	1458	15.19	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2526	NA	NA
Intel Pentium SU4100 @ 1.30GHz	855	2248	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2254	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2337	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2320	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2316	NA	NA
Intel Pentium T2310 @ 1.46GHz	733	2303	NA	NA
Intel Pentium T2330 @ 1.60GHz	830	2260	NA	NA
Intel Pentium T2370 @ 1.73GHz	843	2253	24.10	\$35.00*
Intel Pentium T2390 @ 1.86GHz	945	2201	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2174	NA	NA
Intel Pentium T3200 @ 2.00GHz	1031	2136	85.92	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1111	2089	12.36	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1150	2073	95.86	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1232	2025	NA	NA
Intel Pentium T4400 @ 2.20GHz	1284	1997	NA	NA
Intel Pentium T4500 @ 2.30GHz	1334	1964	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2267	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2195	NA	NA
Intel T1200 @ 1.50GHz	435	2498	NA	NA
Intel T1400 @ 1.73GHz	929	2211	NA	NA
Intel T1500 @ 1.86GHz	953	2193	NA	NA
Intel T2050 @ 2.00GHz	959	2189	NA	NA
Intel Xeon 2.00GHz	233	2742	NA	NA
Intel XEON 2.20GHz	252	2721	NA	NA
Intel Xeon 2.40GHz	276	2696	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2497	NA	NA
Intel Xeon 2.80GHz	400	2537	NA	NA
Intel Xeon 3.00GHz	391	2550	NA	NA
Intel Xeon 3.06GHz	491	2433	NA	NA
Intel Xeon 3.20GHz	461	2468	NA	NA
Intel Xeon 3.40GHz	478	2451	NA	NA
Intel Xeon 3.60GHz	509	2422	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2133	NA	NA
Intel Xeon 3.80GHz	604	2366	0.71	\$851.00*
Intel Xeon 1500MHz	193	2781	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1996	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	1979	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1878	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1874	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1739	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1716	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1858	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2116	6.75	\$159.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 5120 @ 1.86GHz	1248	2018	0.77	\$1,619.99
Intel Xeon 5130 @ 2.00GHz	1369	1944	43.53	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1844	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 5140 @ 2.33GHz	1644	1817	35.00	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1850	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1755	1750	16.88	\$103.99*
Intel Xeon 5160 @ 3.00GHz	1963	1653	153.17	\$12.82*
Intel Xeon @ 2.20GHz	1902	1682	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5664	701	25.17	\$224.99
Intel Xeon Bronze 3106 @ 1.70GHz	6698	595	20.30	\$329.99
Intel Xeon D-1518 @ 2.20GHz	5322	754	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	689	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	565	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	445	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	322	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	493	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	255	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11069	235	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	462	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	143	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	157	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	452	38.22	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	187	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	163	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18627	66	10.56	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6092	655	105.05	\$58.00*
Intel Xeon E3-1220 V2 @ 3.10GHz	6696	596	91.74	\$73.00*
Intel Xeon E3-1220 v3 @ 3.10GHz	7130	551	48.18	\$148.00*
Intel Xeon E3-1220 v5 @ 3.00GHz	7755	492	29.67	\$261.34*
Intel Xeon E3-1220 v6 @ 3.00GHz	7859	479	36.56	\$214.99
Intel Xeon E3-1220L @ 2.20GHz	3563	1101	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	920	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1593	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5889	672	53.06	\$111.00*
Intel Xeon E3-1225 V2 @ 3.20GHz	6897	574	87.31	\$79.00*
Intel Xeon E3-1225 v3 @ 3.20GHz	7237	544	49.57	\$146.00*
Intel Xeon E3-1225 v5 @ 3.30GHz	7812	486	29.15	\$268.04*
Intel Xeon E3-1225 v6 @ 3.30GHz	8139	453	34.64	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7548	509	22.53	\$335.07*
Intel Xeon E3-1230 @ 3.20GHz	7848	482	75.47	\$104.00*
Intel Xeon E3-1230 V2 @ 3.30GHz	8858	399	61.52	\$144.00*
Intel Xeon E3-1230 v3 @ 3.30GHz	9318	353	29.87	\$312.00*
Intel Xeon E3-1230 v5 @ 3.40GHz	9786	317	34.95	\$279.99*
Intel Xeon E3-1230 v6 @ 3.50GHz	9847	310	36.47	\$269.99*
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	545	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9627	328	17.19	\$559.95*
Intel Xeon E3-1235 @ 3.20GHz	7680	500	31.48	\$244.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	615	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7962	472	60.32	\$132.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1240 V2 @ 3.40GHz	9136	367	39.90	\$229.00*
Intel Xeon E3-1240 v3 @ 3.40GHz	9658	327	25.13	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10365	266	30.34	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10335	268	34.45	\$299.99
Intel Xeon E3-1240L v3 @ 2.00GHz	7513	513	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	489	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10016	291	24.78	\$404.25*
Intel Xeon E3-1245 @ 3.30GHz	7997	469	39.39	\$203.00*
Intel Xeon E3-1245 V2 @ 3.40GHz	9124	369	52.14	\$175.00*
Intel Xeon E3-1245 v3 @ 3.40GHz	9566	332	30.96	\$309.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1245 v5 @ 3.50GHz	10182	278	29.49	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10553	256	34.04	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9857	309	24.10	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6534	609	76.32	\$85.62*
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	274	20.69	\$494.00*
Intel Xeon E3-1265L @ 2.40GHz	6038	661	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7403	528	51.98	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	9202	363	12.96	\$709.95*
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	376	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	481	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	411	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	442	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9470	341	33.56	\$282.22*
Intel Xeon E3-1270 v3 @ 3.50GHz	9903	303	26.77	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10296	270	21.36	\$482.00*
Intel Xeon E3-1270 v6 @ 3.80GHz	11144	232	31.61	\$352.55
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	251	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10095	285	11.37	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8328	437	27.40	\$304.00*
Intel Xeon E3-1275 V2 @ 3.50GHz	9447	345	23.93	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	9901	304	24.69	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10358	267	18.73	\$553.00*
Intel Xeon E3-1275 v6 @ 3.80GHz	11145	231	30.12	\$369.99
Intel Xeon E3-1275L v3 @ 2.70GHz	8906	394	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10195	275	9.50	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8465	427	23.01	\$368.00*
Intel Xeon E3-1280 V2 @ 3.60GHz	9447	343	11.00	\$859.00*
Intel Xeon E3-1280 v3 @ 3.60GHz	9775	320	14.02	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	252	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	224	20.23	\$562.00*
Intel Xeon E3-1281 v3 @ 3.70GHz	10373	265	11.82	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	261	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	259	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	215	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	299	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	11048	237	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	305	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	336	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	409	9.83	\$885.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	325	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	627	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8943	393	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9826	311	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10093	286	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9322	352	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10618	254	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10449	262	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10761	246	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10743	248	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	281	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	538	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	523	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5566	711	21.20	\$262.59*
Intel Xeon E5-1603 v3 @ 2.80GHz	6177	643	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6432	617	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5882	674	267.51	\$21.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1607 v2 @ 3.00GHz	6213	640	19.85	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6961	567	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	541	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9051	378	27.44	\$329.93*
Intel Xeon E5-1620 v2 @ 3.70GHz	9475	340	135.38	\$69.99*
Intel Xeon E5-1620 v3 @ 3.50GHz	9766	321	61.04	\$159.99*
Intel Xeon E5-1620 v4 @ 3.50GHz	9916	301	29.82	\$332.51
Intel Xeon E5-1630 v3 @ 3.70GHz	10258	272	17.16	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10291	271	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11718	219	22.98	\$509.95*
Intel Xeon E5-1650 v2 @ 3.50GHz	12730	191	105.42	\$120.76*
Intel Xeon E5-1650 v3 @ 3.50GHz	13626	170	20.65	\$660.00*
Intel Xeon E5-1650 v4 @ 3.60GHz	14244	150	22.79	\$624.99
Intel Xeon E5-1660 @ 3.30GHz	12361	200	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13856	161	7.66	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14573	139	9.02	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16161	105	13.14	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16167	104	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16431	96	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	84	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	73	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1113	10.37	\$339.97*
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1139	18.09	\$189.00*
Intel Xeon E5-2407 @ 2.20GHz	4104	979	12.25	\$335.04*
Intel Xeon E5-2407 v2 @ 2.40GHz	4498	903	9.44	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	767	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	560	18.06	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8632	418	41.30	\$209.00*
Intel Xeon E5-2430 @ 2.20GHz	6878	576	26.46	\$259.99*
Intel Xeon E5-2430 v2 @ 2.50GHz	8991	385	89.91	\$100.00*
Intel Xeon E5-2430L @ 2.00GHz	7269	540	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	603	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2440 @ 2.40GHz	9178	365	183.72	\$49.96*
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	355	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	388	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	277	27.61	\$369.00*
Intel Xeon E5-2450L @ 1.80GHz	8261	440	103.28	\$79.99*
Intel Xeon E5-2470 @ 2.30GHz	10061	290	31.77	\$316.72*
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	188	25.22	\$509.00*
Intel Xeon E5-2603 @ 1.80GHz	3580	1098	16.61	\$215.55*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1053	127.15	\$29.62*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	772	25.90	\$199.99*
Intel Xeon E5-2603 v4 @ 1.70GHz	5451	729	23.70	\$229.99
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	480	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4616	875	61.56	\$74.99
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	774	36.78	\$139.99
Intel Xeon E5-2609 v3 @ 1.90GHz	5887	673	14.75	\$399.00*
Intel Xeon E5-2609 v4 @ 1.70GHz	6890	575	21.53	\$319.99
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	210	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	141	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7901	475	77.23	\$102.31*
Intel Xeon E5-2620 v2 @ 2.10GHz	8685	413	46.95	\$184.99
Intel Xeon E5-2620 v3 @ 2.40GHz	10007	293	45.16	\$221.61*
Intel Xeon E5-2620 v4 @ 2.10GHz	11362	225	27.12	\$418.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	386	22.20	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8444	429	15.38	\$549.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	348	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	202	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	182	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	239	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8860	398	73.84	\$119.99
Intel Xeon E5-2630 v2 @ 2.60GHz	10383	264	60.02	\$172.99
Intel Xeon E5-2630 v3 @ 2.40GHz	12804	189	25.16	\$509.00*
Intel Xeon E5-2630 v4 @ 2.20GHz	13912	160	19.88	\$699.99
Intel Xeon E5-2630L @ 2.00GHz	7865	477	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	373	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9476	339	12.60	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	186	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9447	344	15.54	\$607.99*
Intel Xeon E5-2637 v3 @ 3.50GHz	10144	279	7.83	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	260	9.65	\$1,085.28*
Intel Xeon E5-2640 @ 2.50GHz	9415	347	85.89	\$109.62
Intel Xeon E5-2640 v2 @ 2.00GHz	10143	280	78.03	\$129.99
Intel Xeon E5-2640 v3 @ 2.60GHz	13915	159	11.71	\$1,188.74*
Intel Xeon E5-2640 v4 @ 2.40GHz	15364	125	15.35	\$1,000.86
Intel Xeon E5-2643 @ 3.30GHz	8436	430	3.79	\$2,226.00*
Intel Xeon E5-2643 v2 @ 3.50GHz	13030	183	78.81	\$165.34*
Intel Xeon E5-2643 v3 @ 3.40GHz	13844	162	5.52	\$2,509.95*
Intel Xeon E5-2643 v4 @ 3.40GHz	13655	167	8.20	\$1,665.66*
Intel Xeon E5-2648L @ 1.80GHz	7426	524	NA	NA
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	223	7.30	\$1,560.86*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	168	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	137	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10104	284	93.56	\$108.00*
Intel Xeon E5-2650 v2 @ 2.60GHz	13209	180	55.04	\$239.99
Intel Xeon E5-2650 v3 @ 2.30GHz	14852	135	15.36	\$966.78
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	116	13.22	\$1,199.99
Intel Xeon E5-2650L @ 1.80GHz	8676	414	109.83	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9857	308	66.15	\$149.02*
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	175	9.66	\$1,399.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	155	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	227	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	338	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	153	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	101	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	88	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11067	236	119.02	\$92.99
Intel Xeon E5-2660 v2 @ 2.20GHz	13247	178	9.06	\$1,462.99*
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	103	15.76	\$1,026.61
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	87	11.25	\$1,499.99
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	158	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11545	222	77.83	\$148.34*
Intel Xeon E5-2667 @ 2.90GHz	10400	263	160.13	\$64.95*
Intel Xeon E5-2667 v2 @ 3.30GHz	16186	102	21.20	\$763.56*
Intel Xeon E5-2667 v3 @ 3.20GHz	16119	106	6.09	\$2,649.00*
Intel Xeon E5-2667 v4 @ 3.20GHz	16641	90	7.27	\$2,287.99*
Intel Xeon E5-2670 @ 2.60GHz	12116	211	75.73	\$159.99*
Intel Xeon E5-2670 v2 @ 2.50GHz	14995	132	85.21	\$175.99*
Intel Xeon E5-2670 v3 @ 2.30GHz	16494	92	16.83	\$979.99
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	99	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16432	95	23.48	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	38	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2675 v3 @ 1.80GHz	15073	129	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	78	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	86	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	16	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12583	198	74.02	\$169.99
Intel Xeon E5-2680 v2 @ 2.80GHz	15890	113	47.44	\$334.99
Intel Xeon E5-2680 v3 @ 2.50GHz	18592	68	22.95	\$809.99
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	50	10.65	\$1,866.95*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	45	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17404	80	8.77	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	64	9.62	\$1,979.99
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	131	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	62	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	53	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14364	148	34.61	\$415.00*
Intel Xeon E5-2687W v2 @ 3.40GHz	16477	93	7.83	\$2,105.59*
Intel Xeon E5-2687W v3 @ 3.10GHz	17730	77	5.89	\$3,008.95*
Intel Xeon E5-2687W v4 @ 3.00GHz	19855	52	9.04	\$2,196.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2689 @ 2.60GHz	13427	177	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	54	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13593	172	85.49	\$159.00*
Intel Xeon E5-2690 v2 @ 3.00GHz	16449	94	27.46	\$598.99
Intel Xeon E5-2690 v3 @ 2.60GHz	19185	63	8.66	\$2,215.86*
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	41	9.83	\$2,169.99
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	108	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15653	119	8.79	\$1,779.95*
Intel Xeon E5-2695 v3 @ 2.30GHz	19673	57	9.79	\$2,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	46	7.70	\$2,630.11*
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	91	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	26	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21088	43	7.01	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17291	81	8.76	\$1,974.91*
Intel Xeon E5-2697 v3 @ 2.60GHz	21368	40	12.07	\$1,769.99
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	37	7.75	\$2,775.99
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	27	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21133	42	6.17	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	33	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	28	4.97	\$4,505.95*
Intel Xeon E5-2699 v4 @ 2.20GHz	23200	24	5.15	\$4,504.50*
Intel Xeon E5-4603 @ 2.00GHz	5014	805	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	361	NA	NA
Intel Xeon E5-4617 @ 2.90GHz	9029	382	100.44	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	456	58.06	\$139.99
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	142	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	120	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	258	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	193	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	234	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11860	217	124.21	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	218	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	203	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	15849	117	3.30	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	171	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1229	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2167	1566	94.26	\$22.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3113 @ 3.00GHz	2427	1463	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1541	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1928	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1464	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1531	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1516	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1433	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2923	1295	73.12	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2839	1320	48.12	\$59.00*
Intel Xeon E5410 @ 2.33GHz	3251	1182	55.11	\$59.00*
Intel Xeon E5420 @ 2.50GHz	3499	1117	13.46	\$259.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5430 @ 2.66GHz	3769	1051	54.63	\$69.00*
Intel Xeon E5440 @ 2.83GHz	3970	1006	209.53	\$18.95*
Intel Xeon E5450 @ 3.00GHz	4189	962	77.58	\$54.00*
Intel Xeon E5462 @ 2.80GHz	3870	1025	141.78	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4086	982	136.05	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	1941	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1930	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2687	1373	38.42	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2975	1274	196.17	\$15.17*
Intel Xeon E5507 @ 2.27GHz	3136	1224	6.86	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4435	914	201.71	\$21.99*
Intel Xeon E5530 @ 2.40GHz	4564	886	217.44	\$20.99*
Intel Xeon E5540 @ 2.53GHz	4807	840	106.84	\$45.00*
Intel Xeon E5603 @ 1.60GHz	2366	1489	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1250	13.95	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3387	1149	15.47	\$219.00*
Intel Xeon E5620 @ 2.40GHz	4805	842	71.19	\$67.50
Intel Xeon E5630 @ 2.53GHz	5088	782	28.27	\$179.95*
Intel Xeon E5640 @ 2.67GHz	5256	759	88.36	\$59.49*
Intel Xeon E5645 @ 2.40GHz	6432	618	80.41	\$79.99*
Intel Xeon E5649 @ 2.53GHz	6936	569	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1466	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	483	40.54	\$193.00*
Intel Xeon E-2124G @ 3.40GHz	9879	306	38.74	\$254.99
Intel Xeon E-2126G @ 3.30GHz	14051	156	46.84	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10310	269	38.19	\$269.99
Intel Xeon E-2136 @ 3.30GHz	15871	115	50.39	\$314.99*
Intel Xeon E-2144G @ 3.60GHz	11214	228	28.04	\$399.99
Intel Xeon E-2146G @ 3.50GHz	15876	114	44.72	\$354.99*
Intel Xeon E-2174G @ 3.80GHz	12254	207	31.42	\$389.99*
Intel Xeon E-2176G @ 3.70GHz	15489	121	42.79	\$362.00*
Intel Xeon E-2176M @ 2.70GHz	13776	165	30.61	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	15407	123	29.35	\$524.99*
Intel Xeon E-2186M @ 2.90GHz	14573	140	23.39	\$623.00*
Intel Xeon Gold 5118 @ 2.30GHz	16389	97	11.95	\$1,370.98*
Intel Xeon Gold 5120 @ 2.20GHz	16308	100	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	74	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	11154	230	8.78	\$1,269.99
Intel Xeon Gold 6126 @ 2.60GHz	19711	55	10.13	\$1,944.99*
Intel Xeon Gold 6128 @ 3.40GHz	14864	134	8.07	\$1,842.27*
Intel Xeon Gold 6130 @ 2.10GHz	19277	61	9.89	\$1,949.99*
Intel Xeon Gold 6132 @ 2.60GHz	23907	21	10.88	\$2,198.00*
Intel Xeon Gold 6134 @ 3.20GHz	18083	75	7.90	\$2,289.99
Intel Xeon Gold 6136 @ 3.00GHz	21079	44	8.07	\$2,612.99*
Intel Xeon Gold 6138 @ 2.00GHz	25416	15	9.48	\$2,679.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 6140 @ 2.30GHz	23964	20	9.82	\$2,439.99
Intel Xeon Gold 6144 @ 3.50GHz	19654	58	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	17	7.55	\$3,331.99*
Intel Xeon Gold 6148 @ 2.40GHz	26660	9	9.08	\$2,935.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 6154 @ 3.00GHz	27722	7	7.22	\$3,839.78*
Intel Xeon L3110 @ 3.00GHz	2273	1528	NA	NA
Intel Xeon L3360 @ 2.83GHz	3864	1027	43.31	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1961	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	1032	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1726	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1529	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1525	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1576	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1353	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3037	1257	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1155	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3504	1116	127.45	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3723	1065	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1066	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	926	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	931	225.95	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4369	928	67.22	\$65.00*
Intel Xeon L5638 @ 2.00GHz	5556	712	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	577	NA	NA
Intel Xeon L5640 @ 2.27GHz	6344	630	211.71	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1033	NA	NA
Intel Xeon MV 3.20GHz	683	2330	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26652	10	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	28683	4	4.87	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	3	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	5	NA	NA
Intel Xeon Silver 4108 @ 1.80GHz	10664	253	23.70	\$449.99
Intel Xeon Silver 4109T @ 2.00GHz	10946	242	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11703	220	21.47	\$544.99
Intel Xeon Silver 4112 @ 2.60GHz	8611	420	16.73	\$514.85
Intel Xeon Silver 4114 @ 2.20GHz	14369	146	18.71	\$767.99
Intel Xeon Silver 4116 @ 2.10GHz	15391	124	14.66	\$1,049.99
Intel Xeon Silver 4123 @ 3.00GHz	15185	127	NA	NA
Intel Xeon W3503 @ 2.40GHz	1753	1751	108.13	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1856	1707	NA	NA
Intel Xeon W3520 @ 2.67GHz	5057	792	175.91	\$28.75*
Intel Xeon W3530 @ 2.80GHz	5359	743	18.23	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	722	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5694	695	94.99	\$59.95*
Intel Xeon W3565 @ 3.20GHz	5939	667	84.91	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6062	659	12.63	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6366	629	29.68	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8137	454	16.27	\$499.99*
Intel Xeon W3680 @ 3.33GHz	9032	381	11.89	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9135	368	9.14	\$1,000.00*
Intel Xeon W5580 @ 3.20GHz	5836	681	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	642	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	6932	571	19.81	\$349.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2104 @ 3.20GHz	7439	522	29.17	\$255.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2123 @ 3.60GHz	10722	250	29.73	\$360.67*
Intel Xeon W-2125 @ 4.00GHz	12358	201	24.56	\$503.10*
Intel Xeon W-2133 @ 3.60GHz	14136	152	22.91	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16345	98	17.75	\$921.05*
Intel Xeon W-2140B @ 3.20GHz	18603	67	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19704	56	16.18	\$1,217.68
Intel Xeon W-2150B @ 3.00GHz	21543	36	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21921	30	14.32	\$1,530.39*
Intel Xeon W-2175 @ 2.50GHz	24751	19	12.71	\$1,947.00*
Intel Xeon W-2195 @ 2.30GHz	24983	18	8.94	\$2,794.91*
Intel Xeon X3210 @ 2.13GHz	2739	1358	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1238	14.71	\$209.95*
Intel Xeon X3230 @ 2.66GHz	3398	1143	9.44	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3309	1170	14.42	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3167	1210	163.59	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3379	1152	16.09	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1039	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1029	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3944	1014	24.97	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3996	997	117.24	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	945	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	863	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3355	1159	159.42	\$21.05*
Intel Xeon X3440 @ 2.53GHz	4535	896	20.16	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4776	848	59.75	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5014	804	14.05	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5122	776	10.04	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	702	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1452	17.63	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2553	1419	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1476	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3181	1205	77.61	\$41.00*
Intel Xeon X5365 @ 3.00GHz	3491	1119	35.09	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4116	978	68.65	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4332	936	43.42	\$99.78*
Intel Xeon X5470 @ 3.33GHz	4593	882	24.30	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4014	992	17.84	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4531	897	45.32	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	832	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5387	739	311.96	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5399	736	111.65	\$48.36
Intel Xeon X5570 @ 2.93GHz	5679	697	63.81	\$89.00*
Intel Xeon X5647 @ 2.93GHz	5980	664	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7396	529	111.47	\$66.36
Intel Xeon X5660 @ 2.80GHz	7589	507	89.29	\$84.99
Intel Xeon X5667 @ 3.07GHz	6291	633	79.63	\$79.00*
Intel Xeon X5670 @ 2.93GHz	7883	476	83.00	\$94.99
Intel Xeon X5672 @ 3.20GHz	6419	621	22.63	\$283.72*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5675 @ 3.07GHz	8184	449	102.31	\$79.99*
Intel Xeon X5677 @ 3.47GHz	6974	566	66.42	\$105.00*
Intel Xeon X5679 @ 3.20GHz	8845	400	NA	NA
Intel Xeon X5680 @ 3.33GHz	8472	426	64.08	\$132.22
Intel Xeon X5687 @ 3.60GHz	7070	557	64.87	\$109.00*
Intel Xeon X5690 @ 3.47GHz	8889	396	5.05	\$1,758.99
Intel Xeon X5698 @ 4.40GHz	4272	946	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1273	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon 4	314	2633	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2586	NA	NA
Mobile AMD Athlon 64 2700+	398	2538	NA	NA
Mobile AMD Athlon 64 2800+	440	2489	NA	NA
Mobile AMD Athlon 64 3000+	450	2477	NA	NA
Mobile AMD Athlon 64 3200+	448	2481	NA	NA
Mobile AMD Athlon 64 3400+	511	2421	NA	NA
Mobile AMD Athlon 64 3700+	435	2499	NA	NA
Mobile AMD Athlon 64 4000+	576	2381	NA	NA
Mobile AMD Athlon 1400+	266	2707	NA	NA
Mobile AMD Athlon 2500+	370	2571	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2708	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2560	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2662	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2431	NA	NA
Mobile AMD Athlon XP	572	2385	45.81	\$12.49*
Mobile AMD Athlon XP-M	512	2420	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2789	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2711	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2713	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2619	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2657	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2604	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2650	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2582	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2599	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2597	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2570	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2579	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2578	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2490	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2438	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2424	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2669	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2661	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2610	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2568	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2454	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2425	NA	NA
Mobile AMD Sempron 2100+	252	2722	NA	NA
Mobile AMD Sempron 2600+	394	2545	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Sempron 2800+	361	2584	NA	NA
Mobile AMD Sempron 3000+	389	2554	NA	NA
Mobile AMD Sempron 3100+	416	2512	NA	NA
Mobile AMD Sempron 3200+	354	2590	NA	NA
Mobile AMD Sempron 3300+	445	2483	NA	NA
Mobile AMD Sempron 3400+	441	2488	NA	NA
Mobile AMD Sempron 3500+	408	2522	NA	NA
Mobile AMD Sempron 3600+	427	2507	NA	NA
Mobile AMD Sempron 3800+	485	2444	NA	NA
Mobile Intel Celeron 1.20GHz	170	2800	NA	NA
Mobile Intel Celeron 1.50GHz	188	2784	NA	NA
Mobile Intel Celeron 1.60GHz	188	2785	NA	NA
Mobile Intel Celeron 1.70GHz	181	2793	NA	NA
Mobile Intel Celeron 1.80GHz	186	2787	NA	NA
Mobile Intel Celeron 2.00GHz	204	2769	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 2.20GHz	226	2749	NA	NA
Mobile Intel Celeron 2.40GHz	239	2738	NA	NA
Mobile Intel Celeron 2.50GHz	281	2687	NA	NA
Mobile Intel Celeron 1200MHz	294	2663	NA	NA
Mobile Intel Celeron 1333MHz	280	2690	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2695	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2710	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2692	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2630	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2607	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2587	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2491	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2452	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2779	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2799	0.62	\$279.99*
Mobile Intel Pentium 4 - M 1.80GHz	175	2796	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2744	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2774	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2776	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2760	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2717	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2634	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2763	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2775	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2726	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2667	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2750	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2668	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1438	NA	NA
Quad-Core AMD Opteron 1385	3442	1135	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3427	1137	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1294	NA	NA
VIA C3 Ezra	100	2828	NA	NA
VIA C7 1500MHz	284	2679	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA C7-D 1500MHz	287	2675	NA	NA
VIA C7-D 1800MHz	203	2771	NA	NA
VIA C7-D 2000MHz	368	2574	NA	NA
VIA C7-M 1000MHz	164	2802	NA	NA
VIA C7-M 1200MHz	140	2815	NA	NA
VIA C7-M 1600MHz	178	2795	NA	NA
VIA C7-M 6300MHz	222	2752	NA	NA
VIA Eden 800MHz	155	2806	NA	NA
VIA Eden 1000MHz	123	2823	NA	NA
VIA Eden 1200MHz	142	2814	NA	NA
VIA Eden C1050@1.06GHz	352	2593	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2450	NA	NA
VIA Eden X4 C4250 @ 1.2+ GHz	1147	2077	NA	NA
VIA Esther 1000MHz	146	2813	NA	NA
VIA Esther 1300MHz	250	2724	NA	NA
VIA Esther 1500MHz	219	2754	NA	NA
VIA Esther 2000MHz	394	2544	NA	NA
VIA Nano L1900@1400MHz	457	2472	NA	NA
VIA Nano L2007@1600MHz	369	2572	NA	NA
VIA Nano L2100@1800MHz	428	2505	NA	NA
VIA Nano L2207@1600MHz	296	2659	NA	NA
VIA Nano L3025@1600MHz	517	2416	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano L3050@1800MHz	581	2379	NA	NA
VIA Nano L3600@2000MHz	645	2345	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2561	NA	NA
VIA Nano U2250@1300+MHz	274	2699	NA	NA
VIA Nano U2500@1200MHz	306	2641	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2428	NA	NA
VIA Nano U3300@1200MHz	409	2519	NA	NA
VIA Nano U3500@1000MHz	275	2697	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2364	NA	NA
VIA Nehemiah	155	2807	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1685	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1946	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2058	NA	NA
VIA Samuel 2	79	2830	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	289	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	121	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	392	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	398	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	444	NA	NA
[Dual CPU] AMD EPYC 7281	12720	175	9.18	\$1,385.98
[Dual CPU] AMD EPYC 7371	23933	61	NA	NA
[Dual CPU] AMD EPYC 7401	23518	63	6.01	\$3,913.98
[Dual CPU] AMD EPYC 7451	28957	32	5.71	\$5,069.98
[Dual CPU] AMD EPYC 7501	29003	31	3.99	\$7,265.98
[Dual CPU] AMD EPYC 7551	30966	21	4.28	\$7,237.98
[Dual CPU] AMD EPYC 7601	33545	15	3.79	\$8,841.98
[Dual CPU] AMD Opteron 246	1130	433	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	434	5.27	\$199.90*
[Dual CPU] AMD Opteron 250	1438	430	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	431	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	439	NA	NA
[Dual CPU] AMD Opteron 256	1853	427	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	425	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	421	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	424	16.41	\$129.98*
[Dual CPU] AMD Opteron 280	2452	416	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	406	NA	NA
[Dual CPU] AMD Opteron 290	2716	408	10.06	\$270.00*
[Dual CPU] AMD Opteron 885	2851	402	NA	NA
[Dual CPU] AMD Opteron 2212	2203	422	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	417	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	414	NA	NA
[Dual CPU] AMD Opteron 2216	2485	413	54.31	\$45.76*
[Dual CPU] AMD Opteron 2216 HE	2593	410	NA	NA
[Dual CPU] AMD Opteron 2218	2719	407	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	411	NA	NA
[Dual CPU] AMD Opteron 2220	2854	401	0.97	\$2,950.32*
[Dual CPU] AMD Opteron 2220 SE	2882	400	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	396	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	390	45.30	\$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	380	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	387	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	381	7.55	\$539.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2354	4554	369	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	372	12.22	\$363.30*
[Dual CPU] AMD Opteron 2360 SE	5315	351	98.43	\$54.00*
[Dual CPU] AMD Opteron 2373 EE	4164	378	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	365	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	352	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	350	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	338	63.93	\$90.00*
[Dual CPU] AMD Opteron 2384	5914	334	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	324	NA	NA
[Dual CPU] AMD Opteron 2389	5677	339	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	354	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	325	NA	NA
[Dual CPU] AMD Opteron 2427	5907	335	29.83	\$198.00*
[Dual CPU] AMD Opteron 2431	6438	318	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7060	304	18.68	\$378.00*
[Dual CPU] AMD Opteron 2439 SE	8071	274	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	382	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	341	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	321	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	319	33.18	\$191.88*
[Dual CPU] AMD Opteron 4184	7848	280	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	273	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	277	NA	NA
[Dual CPU] AMD Opteron 4234	9361	243	20.35	\$459.98*
[Dual CPU] AMD Opteron 4276 HE	9681	236	NA	NA
[Dual CPU] AMD Opteron 4280	4525	370	45.25	\$100.00*
[Dual CPU] AMD Opteron 4284	9151	244	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9456	242	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	215	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	223	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	201	40.57	\$279.98*
[Dual CPU] AMD Opteron 6128	6881	309	23.09	\$298.00*
[Dual CPU] AMD Opteron 6128 HE	5582	344	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	258	NA	NA
[Dual CPU] AMD Opteron 6134	7586	291	86.22	\$87.98*
[Dual CPU] AMD Opteron 6136	7255	298	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	357	NA	NA
[Dual CPU] AMD Opteron 6168	7741	286	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7621	290	38.49	\$198.00*
[Dual CPU] AMD Opteron 6174	8056	276	40.69	\$198.00*
[Dual CPU] AMD Opteron 6176 SE	8448	263	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	393	NA	NA
[Dual CPU] AMD Opteron 6204	7134	301	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8955	249	149.30	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	210	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	226	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	217	86.26	\$119.98*
[Dual CPU] AMD Opteron 6272	10008	230	83.41	\$119.98*
[Dual CPU] AMD Opteron 6274	10536	213	114.55	\$91.98*
[Dual CPU] AMD Opteron 6275	10900	209	NA	NA
[Dual CPU] AMD Opteron 6276	10194	225	30.16	\$338.00*
[Dual CPU] AMD Opteron 6284 SE	11985	189	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	265	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10716	211	26.79	\$399.98*
[Dual CPU] AMD Opteron 6328	11842	192	29.61	\$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 6344	11203	204	14.40	\$778.00*
[Dual CPU] AMD Opteron 6348	11412	198	28.53	\$399.98*
[Dual CPU] AMD Opteron 6376	10405	216	16.78	\$620.00*
[Dual CPU] AMD Opteron 6378	2905	399	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	158	71.01	\$199.98*
[Dual CPU] AMD Opteron 6386 SE	12195	185	40.65	\$299.98*
[Dual CPU] AMD Opteron 8218	2831	403	67.40	\$42.00*
[Dual CPU] AMD Opteron 8220	2510	412	50.22	\$49.98*
[Dual CPU] AMD Opteron 8222 SE	2793	405	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	391	73.25	\$44.00*
[Dual CPU] AMD Opteron 8380	5643	342	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	353	NA	NA
[Dual CPU] AMD Opteron 8389	6517	315	41.25	\$158.00*
[Dual CPU] AMD Opteron 8431	5813	336	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	312	46.80	\$144.00*
[Dual CPU] AMD Opteron 8439 SE	7691	288	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	432	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	419	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	386	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	279	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	453	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	451	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	447	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	449	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	454	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	455	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	452	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	450	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	445	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	441	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	775	440	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	443	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	438	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	437	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	436	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	426	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	435	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2152	423	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	418	0.71	\$3,239.98
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2617	409	41.59	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	394	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2978	397	31.69	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	395	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3439	388	16.54	\$207.98*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3829	384	149.34	\$25.64*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8809	254	19.58	\$449.98
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11024	207	16.70	\$659.98
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	327	9.12	\$679.94*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	323	16.68	\$378.00*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	297	10.90	\$670.08*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	247	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11387	200	14.60	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11738	194	28.08	\$418.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	267	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	164	26.23	\$519.98*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	161	68.82	\$200.00*
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	199	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	180	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	174	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15063	148	20.41	\$738.00*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	132	20.24	\$818.00*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	195	73.23	\$159.98*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	131	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	115	18.24	\$1,018.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	322	14.71	\$431.10*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	314	110.06	\$59.24*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8385	264	20.96	\$399.98*
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8910	253	19.37	\$459.98
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8220	270	54.81	\$149.98
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8969	248	32.03	\$279.98
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9984	231	12.51	\$798.00*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	208	17.18	\$639.98
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12338	181	60.30	\$204.62*
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13382	171	36.17	\$369.98
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15206	146	34.31	\$443.22*
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16452	133	19.63	\$837.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14238	156	17.58	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	178	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	152	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13595	169	56.65	\$239.98
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15990	138	46.22	\$345.98
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18503	116	18.18	\$1,018.00*
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18709	114	13.36	\$1,399.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	205	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	162	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	147	10.10	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	295	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15900	141	13.08	\$1,215.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16408	134	6.33	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16656	129	7.67	\$2,170.56*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14660	151	66.87	\$219.24
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14464	154	55.64	\$259.98
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19904	104	8.37	\$2,377.48*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20786	96	10.38	\$2,001.72
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13667	163	3.07	\$4,452.00*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20992	91	63.48	\$330.68*
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21063	90	4.20	\$5,019.90*
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	84	6.46	\$3,331.32*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	184	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	14156	159	4.79	\$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	149	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	19036	111	39.66	\$479.98
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20302	100	10.50	\$1,933.56
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20600	98	8.58	\$2,399.98
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	155	91.04	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14506	153	48.67	\$298.04*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	92	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13634	165	4.66	\$2,924.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	112	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	108	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16327	135	87.79	\$185.98
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17798	120	6.08	\$2,925.98*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22577	76	11.00	\$2,053.22
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23128	71	7.71	\$2,999.98
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23092	72	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17131	125	57.74	\$296.68*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	54	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16940	126	130.41	\$129.90*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22485	77	14.72	\$1,527.12*
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23024	73	4.35	\$5,298.00*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23624	62	5.16	\$4,575.98*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18172	118	56.79	\$319.98*
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20797	95	59.09	\$351.98*
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	80	11.41	\$1,959.98
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	66	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	70	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
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	85	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	18208	117	53.56	\$339.98
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21373	86	31.90	\$669.98
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24524	57	15.14	\$1,619.98
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	67	6.26	\$3,733.90*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	127	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21159	89	5.33	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	53	6.31	\$3,959.98
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	81	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	43	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	34	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20905	93	25.19	\$830.00*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23307	69	5.53	\$4,211.18*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24146	59	4.01	\$6,017.90*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	44	6.07	\$4,393.98
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	103	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	48	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19542	106	61.45	\$318.00*
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23498	64	19.61	\$1,197.98
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25645	50	5.79	\$4,431.72*
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27647	40	6.37	\$4,339.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20858	94	5.86	\$3,559.90*
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	55	6.18	\$4,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	51	4.87	\$5,260.22*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23483	65	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	31807	19	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23334	68	5.91	\$3,949.82*
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27879	38	7.88	\$3,539.98
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30631	23	5.52	\$5,551.98
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	36	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29637	28	4.33	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	17	4.44	\$7,259.18*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	60	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26333	45	2.92	\$9,011.90*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	13	3.78	\$9,009.00*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	97	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	107	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	142	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	110	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	105	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18712	113	97.98	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	150	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	212	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	78	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	42	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	186	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	144	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	79	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	188	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	16047	136	42.45	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	229	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	420	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	383	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3566	385	36.39	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4167	377	53.77	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	360	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4563	368	128.39	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5125	356	64.08	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5161	355	43.74	\$118.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6010	331	50.93	\$118.00*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6354	320	12.22	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6849	311	49.63	\$138.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7163	300	189.00	\$37.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7513	292	69.56	\$108.00*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7102	302	130.07	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7836	282	130.43	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	415	12.93	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	404	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4890	364	34.95	\$139.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5006	359	165.00	\$30.34*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	347	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7425	294	168.83	\$43.98*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	287	183.52	\$41.98*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	281	87.20	\$90.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	379	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5530	345	12.63	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5969	333	13.63	\$438.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8062	275	59.72	\$135.00
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8294	268	23.05	\$359.90*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8732	255	73.39	\$118.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10314	221	64.47	\$159.98*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10327	220	44.90	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	346	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	349	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	83	8.06	\$2,731.06*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	58	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	88	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22049	82	8.04	\$2,741.96*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	26277	46	8.42	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17499	122	6.89	\$2,539.98
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27819	39	7.15	\$3,889.98*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22869	74	6.21	\$3,684.54*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	22620	75	5.80	\$3,899.98*
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	41	6.26	\$4,396.00*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25308	52	5.53	\$4,579.98
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29652	27	5.67	\$5,225.98*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	37	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	33989	14	6.34	\$5,359.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	33297	16	6.82	\$4,879.98
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	33	4.70	\$6,139.98
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28473	35	4.87	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29158	30	4.38	\$6,663.98*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36802	6	6.27	\$5,870.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	20	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35387	11	4.66	\$7,599.98
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36932	5	4.81	\$7,679.56*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	371	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	375	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	362	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	343	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	328	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	317	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	330	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	361	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	308	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	307	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	278	206.10	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	306	53.89	\$130.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	250	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	238	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9666	237	161.26	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	446	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	448	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	442	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	428	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	7	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	35823	9	2.32	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	29	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39104	3	3.32	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	10	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	8	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	4	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	139	17.75	\$899.98
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16653	130	15.28	\$1,089.98
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	168	13.22	\$1,029.70
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19285	109	12.56	\$1,535.98
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	20362	99	9.70	\$2,099.98
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10079	227	47.08	\$214.06*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	218	2.06	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	222	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	366	17.08	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	367	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	363	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5764	337	70.29	\$82.00*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6209	326	31.20	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7448	293	62.11	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7834	283	39.26	\$199.56*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	272	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	284	17.28	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8197	271	40.99	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8682	257	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8934	252	258.66	\$34.54*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	245	93.92	\$96.72
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9533	241	53.56	\$178.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	233	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11310	202	85.22	\$132.72
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11629	196	68.41	\$169.98
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10334	219	65.41	\$158.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12276	183	64.62	\$189.98
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	228	17.76	\$567.44*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12540	177	78.38	\$159.98*
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11305	203	53.83	\$210.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	167	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13579	170	51.35	\$264.44
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11954	190	54.83	\$218.00*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13767	160	3.91	\$3,517.98
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	262	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	313	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	256	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	232	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11794	193	268.05	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	376	59.59	\$70.00*
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	358	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	374	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	373	199.09	\$21.98*
[Dual CPU] Quad-Core AMD Opteron 8378	5382	348	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	310	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	340	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	332	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	266	NA	NA
[Quad CPU] AMD Opteron 6136	9767	234	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	260	21.70	\$396.00*
[Quad CPU] AMD Opteron 6272	12292	182	51.23	\$239.96*
[Quad CPU] AMD Opteron 6274	10488	214	57.01	\$183.96*
[Quad CPU] AMD Opteron 6276	15342	145	22.70	\$676.00*
[Quad CPU] AMD Opteron 6278	12055	187	9.75	\$1,236.00*
[Quad CPU] AMD Opteron 6282 SE	11044	206	21.24	\$519.96*
[Quad CPU] AMD Opteron 6376	13257	172	10.69	\$1,240.00*
[Quad CPU] AMD Opteron 6380	12442	179	31.11	\$399.96*
[Quad CPU] AMD Opteron 8360 SE	6490	316	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	329	NA	NA
[Quad CPU] AMD Opteron 8382	8553	261	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	296	NA	NA
[Quad CPU] AMD Opteron 8431	8252	269	147.46	\$55.96*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 8435	7099	303	24.65	\$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	251	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	429	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	389	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	140	28.44	\$559.96
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	166	20.04	\$680.00*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	56	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	87	55.95	\$381.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	47	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	101	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	137	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	18	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	124	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	123	131.38	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14223	157	18.81	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	176	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	143	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	305	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	285	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	224	28.32	\$359.96*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	239	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	246	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	49	5.15	\$5,079.96
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	12	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	2	2.68	\$15,199.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	235	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	240	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	11953	191	4.22	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	259	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	197	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	13145	173	149.38	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	299	163.10	\$43.96*

* - Last price seen from our affiliates.

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