

# CPU Benchmarks

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## CPU List

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

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

## Single CPU Systems

 Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2705	NA	NA
AMD A4 Micro-6400T APU	1544	1896	NA	NA
AMD A4 PRO-3340B	2402	1503	NA	NA
AMD A4 PRO-7300B APU	2335	1525	NA	NA
AMD A4 PRO-7350B	2227	1579	NA	NA
AMD A4-1200 APU	632	2385	NA	NA
AMD A4-1250 APU	619	2392	NA	NA
AMD A4-3300 APU	1499	1922	115.41	\$12.99
AMD A4-3300M APU	1185	2085	39.52	\$29.99*
AMD A4-3305M APU	1223	2063	39.70	\$30.81
AMD A4-3310MX APU	1287	2025	NA	NA
AMD A4-3320M APU	1253	2047	34.93	\$35.90
AMD A4-3330MX APU	1212	2068	NA	NA
AMD A4-3400 APU	1592	1883	18.11	\$87.95
AMD A4-3420 APU	1670	1835	NA	NA
AMD A4-4000 APU	1829	1756	14.27	\$128.27
AMD A4-4020 APU	1921	1704	20.89	\$92.00
AMD A4-4300M APU	1612	1871	40.44	\$39.86
AMD A4-4355M APU	1175	2088	NA	NA
AMD A4-5000 APU	1914	1710	NA	NA
AMD A4-5050 APU	2113	1622	NA	NA
AMD A4-5100 APU	2037	1651	NA	NA
AMD A4-5150M APU	1856	1741	NA	NA
AMD A4-5300 APU	2011	1663	14.41	\$139.63
AMD A4-5300B APU	2142	1606	56.38	\$38.00*
AMD A4-6210 APU	2167	1597	NA	NA
AMD A4-6250J APU	2556	1447	NA	NA
AMD A4-6300 APU	2218	1581	36.99	\$59.99*
AMD A4-6300B APU	2129	1613	21.30	\$100.00*
AMD A4-6320 APU	2329	1527	33.29	\$69.99*
AMD A4-7210 APU	2519	1461	NA	NA
AMD A4-7300 APU	2306	1539	19.38	\$119.00
AMD A4-9120	1944	1693	NA	NA
AMD A4-9125	1978	1678	NA	NA
AMD A6 Micro-6500T APU	1834	1753	NA	NA
AMD A6 PRO-7050B APU	1616	1869	NA	NA
AMD A6 PRO-7400B	2608	1425	NA	NA
AMD A6-1450 APU	1532	1902	NA	NA
AMD A6-3400M APU	1883	1729	62.86	\$29.97*
AMD A6-3410MX APU	2057	1647	515.55	\$3.99*
AMD A6-3420M APU	2000	1666	NA	NA
AMD A6-3430MX APU	2200	1588	NA	NA
AMD A6-3500 APU	2012	1662	50.32	\$39.99*
AMD A6-3600 APU	2701	1400	117.50	\$22.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-3620 APU	2797	1368	46.64	\$59.99*
AMD A6-3650 APU	3148	1251	98.41	\$31.99*
AMD A6-3670 APU	3169	1239	22.50	\$140.90*
AMD A6-4400M APU	1640	1854	205.36	\$7.99*
AMD A6-4455M APU	1286	2026	NA	NA
AMD A6-5200 APU	2432	1491	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	1931	NA	NA
AMD A6-5350M APU	1902	1714	44.13	\$43.12
AMD A6-5357M APU	1941	1695	NA	NA
AMD A6-5400B APU	2236	1574	21.30	\$105.04*
AMD A6-5400K APU	2157	1602	21.79	\$99.00
AMD A6-6310 APU	2455	1483	NA	NA
AMD A6-6400B APU	2281	1552	NA	NA
AMD A6-6400K APU	2307	1538	22.16	\$104.13*
AMD A6-6420B APU	2612	1423	NA	NA
AMD A6-6420K APU	2388	1509	15.92	\$149.99*
AMD A6-7000	1667	1839	NA	NA
AMD A6-7310 APU	2665	1411	NA	NA
AMD A6-7400K APU	2781	1373	43.83	\$63.46
AMD A6-7470K	2727	1394	11.22	\$243.00
AMD A6-7480	3168	1240	72.04	\$43.99
AMD A6-8500P	2202	1587	NA	NA
AMD A6-8550	3032	1288	NA	NA
AMD A6-9200	1738	1793	NA	NA
AMD A6-9210	1728	1797	NA	NA
AMD A6-9220	2160	1600	NA	NA
AMD A6-9220C	2147	1605	NA	NA
AMD A6-9220e	1639	1855	NA	NA
AMD A6-9225	2153	1603	NA	NA
AMD A6-9230	2102	1627	NA	NA
AMD A6-9500	3047	1285	65.79	\$46.32
AMD A6-9500E	2889	1343	39.64	\$72.88
AMD A8 PRO-7150B APU	2650	1413	NA	NA
AMD A8 PRO-7600B APU	4728	881	NA	NA
AMD A8-3500M APU	1972	1680	28.20	\$69.95
AMD A8-3510MX APU	2370	1516	NA	NA
AMD A8-3520M APU	2171	1595	NA	NA
AMD A8-3530MX APU	2365	1520	NA	NA
AMD A8-3550MX APU	2610	1424	NA	NA
AMD A8-3800 APU	3014	1291	52.89	\$56.99*
AMD A8-3820 APU	3104	1262	24.84	\$124.99*
AMD A8-3850 APU	3465	1157	32.79	\$105.68*
AMD A8-3870K APU	3539	1136	70.81	\$49.99*
AMD A8-4500M APU	2667	1409	NA	NA
AMD A8-4555M APU	2121	1618	NA	NA
AMD A8-5500 APU	3995	1024	70.72	\$56.50*
AMD A8-5500B APU	3993	1026	NA	NA
AMD A8-5545M APU	2587	1435	NA	NA
AMD A8-5550M APU	3006	1296	NA	NA
AMD A8-5557M APU	2968	1309	NA	NA
AMD A8-5600K APU	4341	961	18.93	\$229.30
AMD A8-6410 APU	2572	1443	NA	NA
AMD A8-6500 APU	4396	949	46.28	\$94.99*
AMD A8-6500B APU	4612	903	NA	NA
AMD A8-6500T APU	3221	1222	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-6600K APU	4588	909	47.31	\$96.99*
AMD A8-7050	1986	1674	NA	NA
AMD A8-7100 APU	2807	1366	NA	NA
AMD A8-7200P	3319	1193	NA	NA
AMD A8-7410 APU	2741	1388	NA	NA
AMD A8-7600 APU	5066	815	63.34	\$79.99*
AMD A8-7650K	4924	848	19.39	\$254.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7670K	5090	806	31.60	\$161.10*
AMD A8-7680	5136	799	85.62	\$59.99*
AMD A8-8600P	3248	1214	NA	NA
AMD A8-8650	5470	748	NA	NA
AMD A8-9600	4987	834	77.56	\$64.31
AMD A9-9400	2328	1528	NA	NA
AMD A9-9410	2552	1449	NA	NA
AMD A9-9420	2331	1526	NA	NA
AMD A9-9420e	1888	1728	NA	NA
AMD A9-9425	2543	1454	NA	NA
AMD A9-9430	2524	1458	NA	NA
AMD A10 Micro-6700T APU	1970	1681	NA	NA
AMD A10 PRO-7350B APU	3171	1238	NA	NA
AMD A10 PRO-7800B APU	4973	838	NA	NA
AMD A10 PRO-7850B APU	5380	764	NA	NA
AMD A10-4600M APU	3112	1261	NA	NA
AMD A10-4655M APU	2607	1426	NA	NA
AMD A10-4657M APU	2906	1333	NA	NA
AMD A10-5700 APU	4211	985	65.30	\$64.50*
AMD A10-5745M APU	2764	1380	NA	NA
AMD A10-5750M APU	3343	1191	NA	NA
AMD A10-5757M APU	3084	1269	NA	NA
AMD A10-5800B APU	4568	912	NA	NA
AMD A10-5800K APU	4637	896	13.95	\$332.32*
AMD A10-6700 APU	4605	906	39.37	\$116.99*
AMD A10-6700T APU	3693	1099	25.02	\$147.61*
AMD A10-6790K APU	4684	887	49.32	\$94.99*
AMD A10-6800B APU	4806	867	NA	NA
AMD A10-6800K APU	4860	859	16.95	\$286.85*
AMD A10-7300 APU	2906	1336	NA	NA
AMD A10-7400P	3603	1116	NA	NA
AMD A10-7700K APU	5119	802	14.77	\$346.70*
AMD A10-7800 APU	4982	836	48.19	\$103.39*
AMD A10-7850K APU	5472	747	19.41	\$281.99
AMD A10-7860K	5066	813	28.95	\$175.00*
AMD A10-7870K	5469	749	24.10	\$226.99*
AMD A10-7890K	5702	718	28.51	\$199.99*
AMD A10-8700P	3445	1161	NA	NA
AMD A10-8750	5057	816	NA	NA
AMD A10-8850	5598	733	NA	NA
AMD A10-9600P	3777	1075	NA	NA
AMD A10-9620P	3661	1107	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9630P	4497	930	NA	NA
AMD A10-9700	5389	762	65.85	\$81.85
AMD A10-9700E	4747	880	39.49	\$120.24*
AMD A12-9700P	3732	1090	NA	NA
AMD A12-9720P	3997	1023	NA	NA
AMD A12-9730P	4472	934	NA	NA
AMD A12-9800	5521	743	37.25	\$148.24
AMD A12-9800E	5083	809	38.69	\$131.38
AMD Athlon64 X2 Dual Core 4600+	1108	2128	NA	NA
AMD Athlon 4	279	2725	11.68	\$23.95
AMD Athlon 64 2000+	116	2859	NA	NA
AMD Athlon 64 2200+	575	2417	NA	NA
AMD Athlon 64 2600+	374	2599	NA	NA
AMD Athlon 64 2800+	438	2528	4.38	\$99.99*
AMD Athlon 64 3000+	464	2497	6.19	\$74.95
AMD Athlon 64 3200+	492	2466	3.28	\$149.95*
AMD Athlon 64 3300+	576	2416	NA	NA
AMD Athlon 64 3400+	545	2428	NA	NA
AMD Athlon 64 3500+	540	2434	4.97	\$108.95*
AMD Athlon 64 3600+	601	2401	NA	NA
AMD Athlon 64 3700+	598	2403	8.67	\$69.00*
AMD Athlon 64 3800+	589	2406	3.28	\$179.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 4000+	608	2396	3.32	\$183.34
AMD Athlon 64 FX-25	794	2310	NA	NA
AMD Athlon 64 FX-34	380	2591	NA	NA
AMD Athlon 64 FX-51	437	2529	NA	NA
AMD Athlon 64 FX-53	646	2377	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2341	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2337	NA	NA
AMD Athlon 64 FX-59	715	2344	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2031	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1887	NA	NA
AMD Athlon 64 FX-72	1794	1767	NA	NA
AMD Athlon 64 FX-74	1495	1926	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2224	NA	NA
AMD Athlon 64 X2 4200+	1285	2028	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2197	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2218	16.05	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	999	2191	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1043	2165	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1097	2133	6.86	\$159.95
AMD Athlon 64 X2 Dual Core 4400+	1145	2112	19.10	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1219	2065	3.39	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1253	2046	2.73	\$459.95*
AMD Athlon 64 X2 Dual Core 5000+	1313	2006	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	1970	9.87	\$139.95
AMD Athlon 64 X2 Dual Core 5400+	1448	1942	27.34	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1486	1929	10.62	\$139.95
AMD Athlon 64 X2 Dual Core 5800+	1516	1913	60.68	\$24.99*
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 6000+	1603	1875	34.89	\$45.95
AMD Athlon 64 X2 Dual Core 6400+	1791	1769	6.89	\$259.95*
AMD Athlon 64 X2 Dual Core BE-230	1095	2137	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2146	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2163	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2289	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2290	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2212	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2269	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2299	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2270	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	925	2245	NA	NA
AMD Athlon 64 X2 QL-60	921	2250	NA	NA
AMD Athlon 64 X2 QL-62	1005	2186	NA	NA
AMD Athlon 64 X2 QL-64	992	2201	NA	NA
AMD Athlon 64 X2 QL-65	1050	2161	NA	NA
AMD Athlon 64 X2 QL-66	947	2232	NA	NA
AMD Athlon 64 X2 QL-67	1006	2185	NA	NA
AMD Athlon 64 X2 TK-55	955	2225	NA	NA
AMD Athlon 64 X2 TK-57	988	2203	NA	NA
AMD Athlon 200GE	4934	844	79.65	\$61.95
AMD Athlon 220GE	5252	783	75.05	\$69.99
AMD Athlon 240GE	5411	757	75.36	\$71.81
AMD Athlon 1500+	294	2698	NA	NA
AMD Athlon 1640B	670	2367	13.42	\$50.00*
AMD Athlon 2000+	390	2587	NA	NA
AMD Athlon 2100+	412	2550	NA	NA
AMD Athlon 2200+	363	2617	4.55	\$79.99*
AMD Athlon 2400+	462	2500	NA	NA
AMD Athlon 2500+	374	2597	2.04	\$183.99*
AMD Athlon 2600+	444	2519	4.23	\$104.95*
AMD Athlon 2650e	409	2554	21.56	\$19.00*
AMD Athlon 2800+	447	2516	3.20	\$139.95*
AMD Athlon 2850e	506	2459	NA	NA
AMD Athlon 3100+	485	2477	NA	NA
AMD Athlon 3200+	458	2504	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	2020	10.78	\$119.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 5150 APU	2106	1625	13.17	\$159.95
AMD Athlon 5200 Dual-Core	1266	2041	42.23	\$29.99*
AMD Athlon 5350 APU	2607	1427	7.70	\$338.46*
AMD Athlon 5370 APU	2912	1328	45.73	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1943	NA	NA
AMD Athlon 7550 Dual-Core	1469	1934	24.49	\$60.00
AMD Athlon 7750 Dual-Core	1571	1888	8.24	\$190.55
AMD Athlon 7850 Dual-Core	1713	1808	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2708	NA	NA
AMD Athlon Dual Core 4050e	1086	2142	NA	NA
AMD Athlon Dual Core 4450B	1166	2098	37.63	\$31.00*
AMD Athlon Dual Core 4450e	1105	2131	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 4850B	1391	1964	NA	NA
AMD Athlon Dual Core 4850e	1313	2007	33.67	\$39.00*
AMD Athlon Dual Core 5000B	1300	2013	13.69	\$95.00*
AMD Athlon Dual Core 5050e	1343	1993	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1316	2005	NA	NA
AMD Athlon Dual Core 5400B	1420	1956	NA	NA
AMD Athlon Dual Core 5600B	1304	2011	NA	NA
AMD Athlon II 160u	560	2423	18.68	\$29.99*
AMD Athlon II 170u	625	2388	20.89	\$29.95*
AMD Athlon II Dual-Core M300	1112	2123	NA	NA
AMD Athlon II Dual-Core M320	1141	2114	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2159	NA	NA
AMD Athlon II N330 Dual-Core	1154	2105	NA	NA
AMD Athlon II N350 Dual-Core	1249	2051	NA	NA
AMD Athlon II N370 Dual-Core	1559	1892	NA	NA
AMD Athlon II Neo K125	473	2489	NA	NA
AMD Athlon II Neo K145	525	2441	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2317	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2280	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2312	NA	NA
AMD Athlon II P320 Dual-Core	1217	2066	40.66	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2050	27.82	\$44.95*
AMD Athlon II P360 Dual-Core	1318	2004	54.93	\$24.00*
AMD Athlon II X2 210e	1486	1928	NA	NA
AMD Athlon II X2 215	1569	1890	130.90	\$11.99*
AMD Athlon II X2 220	1632	1859	50.70	\$32.19
AMD Athlon II X2 225	1526	1903	NA	NA
AMD Athlon II X2 235e	1658	1845	9.12	\$181.88*
AMD Athlon II X2 240	1642	1852	47.00	\$34.95
AMD Athlon II X2 240e	1695	1822	48.52	\$34.95*
AMD Athlon II X2 245	1661	1844	47.55	\$34.95
AMD Athlon II X2 245e	1709	1812	21.37	\$80.00*
AMD Athlon II X2 250	1742	1790	44.73	\$38.95
AMD Athlon II X2 250e	1939	1696	25.28	\$76.73*
AMD Athlon II X2 250u	1000	2190	28.64	\$34.95
AMD Athlon II X2 255	1841	1749	28.23	\$65.22*
AMD Athlon II X2 260	1874	1732	93.76	\$19.99*
AMD Athlon II X2 260u	1107	2129	13.28	\$83.44*
AMD Athlon II X2 265	1890	1724	22.81	\$82.88*
AMD Athlon II X2 270	1978	1677	82.48	\$23.99*
AMD Athlon II X2 270u	1350	1989	19.96	\$67.67*
AMD Athlon II X2 280	2129	1612	21.30	\$99.99*
AMD Athlon II X2 4300e	1350	1988	NA	NA
AMD Athlon II X2 4400e	1627	1864	NA	NA
AMD Athlon II X2 4450e	1504	1919	NA	NA
AMD Athlon II X2 B22	1711	1809	41.05	\$41.69*
AMD Athlon II X2 B24	1776	1773	52.11	\$34.10
AMD Athlon II X2 B26	1904	1713	54.50	\$34.95*
AMD Athlon II X2 B28	2085	1635	42.52	\$49.05*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 400e	2009	1664	18.70	\$107.43*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 405e	2000	1665	25.00	\$79.99*
AMD Athlon II X3 415e	2247	1568	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1548	19.68	\$116.15*
AMD Athlon II X3 425	2317	1532	85.86	\$26.99*
AMD Athlon II X3 425e	2239	1573	NA	NA
AMD Athlon II X3 435	2472	1480	82.44	\$29.99*
AMD Athlon II X3 440	2566	1445	95.10	\$26.99*
AMD Athlon II X3 445	2573	1441	28.28	\$91.00*
AMD Athlon II X3 450	2620	1421	68.95	\$38.01
AMD Athlon II X3 455	2767	1377	70.98	\$38.99*
AMD Athlon II X3 460	2863	1347	73.45	\$38.99*
AMD Athlon II X4 553	3814	1066	NA	NA
AMD Athlon II X4 555	3830	1061	NA	NA
AMD Athlon II X4 559	4135	1001	NA	NA
AMD Athlon II X4 600e	2453	1486	18.84	\$130.23*
AMD Athlon II X4 605e	2738	1391	26.90	\$101.80*
AMD Athlon II X4 610e	2790	1370	39.87	\$69.99*
AMD Athlon II X4 615e	2901	1339	49.17	\$59.00*
AMD Athlon II X4 620	2934	1320	41.93	\$69.99*
AMD Athlon II X4 620e	2906	1335	NA	NA
AMD Athlon II X4 630	3132	1254	49.77	\$62.95
AMD Athlon II X4 631 Quad-Core	3153	1250	39.42	\$80.00*
AMD Athlon II X4 635	3235	1217	46.25	\$69.95
AMD Athlon II X4 638 Quad-Core	3198	1227	120.73	\$26.49*
AMD Athlon II X4 640	3313	1196	41.45	\$79.95
AMD Athlon II X4 641 Quad-Core	3345	1189	36.56	\$91.50*
AMD Athlon II X4 645	3469	1154	69.40	\$49.99*
AMD Athlon II X4 650	3482	1152	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	1126	20.09	\$178.04*
AMD Athlon II X4 655	2998	1299	NA	NA
AMD Athlon II X4 6400e	2594	1431	NA	NA
AMD Athlon L110	303	2678	NA	NA
AMD Athlon LE-1600	557	2425	26.57	\$21.00*
AMD Athlon LE-1620	578	2414	32.12	\$18.00*
AMD Athlon LE-1640	627	2387	NA	NA
AMD Athlon LE-1660	679	2364	NA	NA
AMD Athlon MP	230	2779	4.20	\$54.95*
AMD Athlon MP 1700+	339	2640	NA	NA
AMD Athlon MP 2400+	436	2530	NA	NA
AMD Athlon MP 2800+	497	2464	NA	NA
AMD Athlon Neo MV-40	410	2552	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2188	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2316	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2294	NA	NA
AMD Athlon PRO 200GE	5204	789	NA	NA
AMD Athlon QI-46	473	2488	NA	NA
AMD Athlon TF-20	413	2548	NA	NA
AMD Athlon TF-36	395	2577	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 215	1543	1897	NA	NA
AMD Athlon X2 235e	1806	1764	NA	NA
AMD Athlon X2 240	1602	1876	NA	NA
AMD Athlon X2 240e	1670	1836	NA	NA
AMD Athlon X2 250	1696	1821	NA	NA
AMD Athlon X2 255	1627	1863	NA	NA
AMD Athlon X2 280	2303	1542	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1911	1712	38.23	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1567	NA	NA
AMD Athlon X2 440	1424	1953	NA	NA
AMD Athlon X2 Dual Core 3250e	783	2315	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2192	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2251	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2126	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2067	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2048	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 Dual Core L310	644	2379	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2183	NA	NA
AMD Athlon X3 425	2191	1591	NA	NA
AMD Athlon X3 435	2574	1439	26.96	\$95.49*
AMD Athlon X3 440	2078	1637	23.62	\$87.99*
AMD Athlon X3 445	2314	1535	NA	NA
AMD Athlon X3 450	3064	1277	38.80	\$78.99*
AMD Athlon X3 455	2401	1504	NA	NA
AMD Athlon X4 605e	2505	1468	NA	NA
AMD Athlon X4 620	2861	1348	47.74	\$59.95
AMD Athlon X4 635	2891	1342	23.71	\$121.99*
AMD Athlon X4 640	3172	1237	NA	NA
AMD Athlon X4 740 Quad Core	4013	1020	14.49	\$277.00*
AMD Athlon X4 750 Quad Core	4551	915	NA	NA
AMD Athlon X4 750K Quad Core	4253	976	55.25	\$76.99*
AMD Athlon X4 760K Quad Core	4593	908	109.41	\$41.98*
AMD Athlon X4 830	4701	884	NA	NA
AMD Athlon X4 840	5046	822	64.09	\$78.74*
AMD Athlon X4 845	5402	759	101.68	\$53.13*
AMD Athlon X4 860K	5418	754	40.15	\$134.95
AMD Athlon X4 870K	5288	778	66.12	\$79.99*
AMD Athlon X4 880K	5546	737	55.47	\$99.99*
AMD Athlon X4 950	5249	784	80.76	\$65.00
AMD Athlon XP1600+	281	2720	NA	NA
AMD Athlon XP1900+	353	2626	NA	NA
AMD Athlon XP2100+	287	2710	NA	NA
AMD Athlon XP2200+	401	2568	NA	NA
AMD Athlon XP2400+	374	2598	NA	NA
AMD Athlon XP 1500	282	2719	NA	NA
AMD Athlon XP 1500+	257	2750	NA	NA
AMD Athlon XP 1600+	267	2740	NA	NA
AMD Athlon XP 1700	344	2636	NA	NA
AMD Athlon XP 1700+	271	2736	4.43	\$61.25*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 1800+	300	2685	5.10	\$58.95*
AMD Athlon XP 1900+	312	2669	NA	NA
AMD Athlon XP 2000+	299	2686	12.00	\$24.99*
AMD Athlon XP 2100+	323	2652	NA	NA
AMD Athlon XP 2200+	328	2651	3.87	\$84.95*
AMD Athlon XP 2300+	464	2496	NA	NA
AMD Athlon XP 2400+	360	2619	4.01	\$89.99*
AMD Athlon XP 2500+	355	2623	NA	NA
AMD Athlon XP 2600+	372	2603	16.18	\$23.03*
AMD Athlon XP 2700+	393	2580	4.64	\$84.79*
AMD Athlon XP 2800+	400	2570	NA	NA
AMD Athlon XP 2900+	424	2544	NA	NA
AMD Athlon XP 3000+	402	2565	5.06	\$79.70*
AMD Athlon XP 3100+	433	2534	NA	NA
AMD Athlon XP 3200+	431	2536	NA	NA
AMD Athlon XP 3400+	570	2420	NA	NA
AMD Athlon XP Pro3+	367	2611	NA	NA
AMD Athlon XP-M	541	2433	15.48	\$34.95*
AMD C-30	310	2671	NA	NA
AMD C-50	462	2499	NA	NA
AMD C-60	466	2493	NA	NA
AMD C-60 APU	543	2430	NA	NA
AMD C-70 APU	558	2424	NA	NA
AMD E1 Micro-6200T APU	960	2221	NA	NA
AMD E1-1200 APU	655	2375	NA	NA
AMD E1-1500 APU	688	2358	NA	NA
AMD E1-2100 APU	641	2383	NA	NA
AMD E1-2200 APU	767	2319	NA	NA
AMD E1-2500 APU	889	2267	NA	NA
AMD E1-6010 APU	863	2274	NA	NA
AMD E1-6015 APU	899	2263	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E1-7010 APU	1002	2189	NA	NA
AMD E2-1800 APU	816	2298	NA	NA
AMD E2-2000 APU	825	2295	NA	NA
AMD E2-3000 APU	1105	2132	NA	NA
AMD E2-3000M APU	1096	2135	54.84	\$20.00*
AMD E2-3200 APU	1386	1966	173.59	\$7.99*
AMD E2-3800 APU	1643	1851	NA	NA
AMD E2-6110 APU	1914	1709	NA	NA
AMD E2-7110 APU	2283	1549	NA	NA
AMD E2-9000	1641	1853	NA	NA
AMD E2-9000e	1353	1986	NA	NA
AMD E2-9010	1745	1788	NA	NA
AMD E2-9030	1515	1914	NA	NA
AMD E-240	319	2658	NA	NA
AMD E-300 APU	610	2395	NA	NA
AMD E-350	746	2332	NA	NA
AMD E-350 APU	757	2326	NA	NA
AMD E-350D APU	726	2339	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E-450 APU	766	2320	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1778	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1632	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2508	1466	NA	NA
AMD Embedded R-Series RX-216GD	2409	1500	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	812	NA	NA
AMD Embedded R-Series RX-421BD	4635	898	NA	NA
AMD EPYC 7251 8-Core	11811	229	23.24	\$508.29
AMD EPYC 7301	14978	139	17.29	\$866.49
AMD EPYC 7351	18081	80	15.56	\$1,162.23
AMD EPYC 7351P	14887	141	17.36	\$857.65
AMD EPYC 7371	22071	33	NA	NA
AMD EPYC 7401P	19555	64	18.19	\$1,075.00
AMD EPYC 7501	18942	70	5.41	\$3,498.72
AMD EPYC 7551	18483	75	5.19	\$3,559.56
AMD EPYC 7551P	18406	76	7.94	\$2,317.99
AMD FirePro A320 APU	4540	921	NA	NA
AMD FX-670K Quad-Core	4550	916	NA	NA
AMD FX-770K Quad-Core	4803	870	NA	NA
AMD FX-870K Quad Core	5021	827	NA	NA
AMD FX-4100 Quad-Core	4070	1012	31.31	\$129.99*
AMD FX-4130 Quad-Core	4163	994	54.79	\$75.99*
AMD FX-4150 Quad-Core	4594	907	NA	NA
AMD FX-4170 Quad-Core	4869	855	48.70	\$99.99*
AMD FX-4200 Quad-Core	4235	980	18.56	\$228.21*
AMD FX-4300 Quad-Core	4693	886	58.20	\$80.64
AMD FX-4320	5005	831	NA	NA
AMD FX-4330	5321	777	NA	NA
AMD FX-4350 Quad-Core	5339	772	12.42	\$430.00
AMD FX-6100 Six-Core	5388	763	21.30	\$253.00
AMD FX-6120 Six-Core	5733	715	NA	NA
AMD FX-6130 Six-Core	6215	663	NA	NA
AMD FX-6200 Six-Core	6119	676	18.00	\$339.95
AMD FX-6300 Six-Core	6387	648	86.97	\$73.45
AMD FX-6330 Six-Core	6916	597	NA	NA
AMD FX-6350 Six-Core	7001	586	50.03	\$139.94
AMD FX-7500 APU	3212	1224	NA	NA
AMD FX-7600P	4049	1014	NA	NA
AMD FX-7600P APU	4627	900	NA	NA
AMD FX-8100 Eight-Core	6008	686	42.31	\$142.00*
AMD FX-8120 Eight-Core	6599	629	66.00	\$99.99*
AMD FX-8140 Eight-Core	6133	672	NA	NA
AMD FX-8150 Eight-Core	7632	527	5.28	\$1,444.70



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8300 Eight-Core	7718	518	81.93	\$94.21
AMD FX-8310 Eight-Core	7723	516	NA	NA
AMD FX-8320 Eight-Core	8015	490	53.80	\$149.00
AMD FX-8320E Eight-Core	7550	532	76.28	\$98.99
AMD FX-8350 Eight-Core	8950	407	162.77	\$54.99
AMD FX-8370 Eight-Core	9036	395	72.84	\$124.07
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8370E Eight-Core	7806	509	26.24	\$297.51
AMD FX-8800P	4150	997	NA	NA
AMD FX-9370 Eight-Core	9447	360	37.80	\$249.89
AMD FX-9590 Eight-Core	10190	289	68.17	\$149.50
AMD FX-9800P	3981	1029	NA	NA
AMD FX-9830P	4772	875	NA	NA
AMD FX-B4150 Quad-Core	4611	904	NA	NA
AMD G-T40E	467	2492	NA	NA
AMD G-T40N	516	2451	NA	NA
AMD G-T40R	203	2806	NA	NA
AMD G-T44R	227	2781	NA	NA
AMD G-T48E	667	2369	NA	NA
AMD G-T52R	308	2673	NA	NA
AMD G-T56E	751	2328	NA	NA
AMD G-T56N	794	2311	NA	NA
AMD Geode NX	264	2743	NA	NA
AMD Geode NX 1750	291	2699	NA	NA
AMD GX-210JA SOC	401	2569	NA	NA
AMD GX-212JC SOC	744	2333	NA	NA
AMD GX-217GA SOC	1107	2130	NA	NA
AMD GX-218GL SOC	1115	2120	NA	NA
AMD GX-222GC SOC	1255	2045	NA	NA
AMD GX-412HC	1497	1925	NA	NA
AMD GX-415GA SOC	1944	1694	NA	NA
AMD GX-420CA SOC	2412	1498	NA	NA
AMD GX-424CC SOC	2491	1473	NA	NA
AMD K7	403	2563	NA	NA
AMD Opteron 140	396	2575	0.56	\$710.00*
AMD Opteron 142	428	2540	NA	NA
AMD Opteron 144	486	2474	7.48	\$65.00*
AMD Opteron 146	532	2438	8.87	\$59.99*
AMD Opteron 148	603	2400	NA	NA
AMD Opteron 150	604	2398	NA	NA
AMD Opteron 152	658	2371	NA	NA
AMD Opteron 154	703	2353	NA	NA
AMD Opteron 165	899	2264	1.47	\$610.00*
AMD Opteron 170	1097	2134	NA	NA
AMD Opteron 175	1167	2097	NA	NA
AMD Opteron 180	1233	2058	9.49	\$129.95*
AMD Opteron 185	1342	1994	NA	NA
AMD Opteron 246	632	2386	31.62	\$19.99*
AMD Opteron 248	476	2486	4.77	\$99.95
AMD Opteron 250	649	2376	59.01	\$11.00*
AMD Opteron 252	760	2324	12.00	\$63.36*
AMD Opteron 254	693	2356	NA	NA
AMD Opteron 256	963	2216	50.72	\$19.00*
AMD Opteron 265	963	2217	13.20	\$73.00
AMD Opteron 270	1170	2094	1.93	\$607.47*
AMD Opteron 275	1291	2022	19.87	\$64.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 280	1176	2087	1.48	\$796.67*
AMD Opteron 285	1470	1933	NA	NA
AMD Opteron 290	1464	1936	10.85	\$135.00*
AMD Opteron 1210	923	2247	NA	NA
AMD Opteron 1210 HE	971	2211	NA	NA
AMD Opteron 1212	1009	2184	3.48	\$290.00*
AMD Opteron 1212 HE	1308	2009	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1214	1191	2081	4.11	\$290.00*
AMD Opteron 1214 HE	1299	2014	NA	NA
AMD Opteron 1216	1311	2008	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2092	NA	NA
AMD Opteron 1218	1468	1935	NA	NA
AMD Opteron 1218 HE	1444	1944	NA	NA
AMD Opteron 1220	1653	1848	NA	NA
AMD Opteron 1222	1757	1780	NA	NA
AMD Opteron 1352	2316	1533	17.04	\$135.99*
AMD Opteron 1354	2630	1418	19.49	\$135.00*
AMD Opteron 1356	2765	1379	30.73	\$89.99*
AMD Opteron 1381	3065	1276	NA	NA
AMD Opteron 2212	1270	2037	63.53	\$20.00*
AMD Opteron 2214	1358	1985	46.85	\$29.00*
AMD Opteron 2214 HE	1415	1958	NA	NA
AMD Opteron 2216	1518	1912	61.21	\$24.80
AMD Opteron 2218	1594	1881	49.18	\$32.42*
AMD Opteron 2220	1701	1817	2.24	\$758.84*
AMD Opteron 2220 SE	1398	1962	55.92	\$25.00*
AMD Opteron 2222	1843	1747	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1706	NA	NA
AMD Opteron 2350	2820	1360	10.45	\$269.99*
AMD Opteron 2356	2814	1362	54.12	\$52.00*
AMD Opteron 2373 EE	2789	1371	NA	NA
AMD Opteron 2374 HE	2951	1312	15.53	\$189.99*
AMD Opteron 2376	2283	1550	13.69	\$166.81*
AMD Opteron 2378	3179	1234	17.76	\$179.00*
AMD Opteron 2380	2640	1416	58.69	\$45.00
AMD Opteron 2384	3538	1137	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1138	NA	NA
AMD Opteron 2393 SE	2246	1569	NA	NA
AMD Opteron 2427	3069	1274	31.00	\$99.00
AMD Opteron 2431	4516	926	112.91	\$40.00
AMD Opteron 2435	4708	883	24.91	\$189.00
AMD Opteron 3250 HE	2942	1316	29.73	\$99.00*
AMD Opteron 3260 HE	3259	1208	NA	NA
AMD Opteron 3280	5403	758	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1407	NA	NA
AMD Opteron 3350 HE	4009	1021	NA	NA
AMD Opteron 3365	5963	689	NA	NA
AMD Opteron 3380	6384	649	7.89	\$809.00*
AMD Opteron 4122	2942	1317	23.55	\$124.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4162 EE	3166	1243	NA	NA
AMD Opteron 4170 HE	3664	1105	62.11	\$59.00*
AMD Opteron 4184	4418	946	8.50	\$519.95*
AMD Opteron 4280	6430	641	128.60	\$50.00
AMD Opteron 4284	6660	623	111.03	\$59.99*
AMD Opteron 4332 HE	5614	729	NA	NA
AMD Opteron 4334	6099	678	28.18	\$216.42*
AMD Opteron 4365 EE	5025	826	NA	NA
AMD Opteron 4386	6761	611	48.30	\$139.99*
AMD Opteron 6128	4505	927	225.37	\$19.99
AMD Opteron 6134	2938	1318	66.81	\$43.99
AMD Opteron 6136	4631	899	42.10	\$110.00*
AMD Opteron 6164 HE	5351	770	NA	NA
AMD Opteron 6172	5261	781	26.57	\$198.00
AMD Opteron 6174	6171	668	62.34	\$99.00
AMD Opteron 6176 SE	5465	751	34.37	\$159.00*
AMD Opteron 6212	5776	710	192.62	\$29.99*
AMD Opteron 6220	6785	606	113.11	\$59.99*
AMD Opteron 6234	5938	693	198.27	\$29.95*
AMD Opteron 6238	7673	524	21.32	\$359.89*
AMD Opteron 6272	6748	613	21.77	\$309.95
AMD Opteron 6274	4865	857	105.80	\$45.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6276	8889	413	52.60	\$169.00
AMD Opteron 6282 SE	9116	387	70.13	\$129.99*
AMD Opteron 6287 SE	9789	327	NA	NA
AMD Opteron 6328	7813	508	21.76	\$359.00
AMD Opteron 6366 HE	7503	536	37.52	\$199.99*
AMD Opteron 6376	9212	378	141.72	\$65.00
AMD Opteron 6378	9094	389	22.79	\$399.00
AMD Opteron 6380	10081	300	103.95	\$96.99
AMD Opteron 6386 SE	10912	254	72.75	\$149.99*
AMD Opteron 8354	2255	1565	93.98	\$24.00
AMD Opteron 8439 SE	3813	1067	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1278	NA	NA
AMD Opteron X3216 APU	2366	1519	NA	NA
AMD Opteron X3418 APU	4659	891	NA	NA
AMD Opteron X3421 APU	4928	847	NA	NA
AMD Phenom 2 X4 12000	3005	1297	NA	NA
AMD Phenom 7950 Quad-Core	2991	1300	NA	NA
AMD Phenom 8250 Triple-Core	1668	1838	NA	NA
AMD Phenom 8250e Triple-Core	1619	1867	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1858	NA	NA
AMD Phenom 8450 Triple-Core	1889	1726	63.08	\$29.95*
AMD Phenom 8450e Triple-Core	2026	1656	NA	NA
AMD Phenom 8600 Triple-Core	1679	1830	31.69	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1703	36.33	\$52.99*
AMD Phenom 8650 Triple-Core	1989	1672	39.79	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1646	NA	NA
AMD Phenom 8750B Triple-Core	2034	1652	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8850 Triple-Core	1968	1683	NA	NA
AMD Phenom 8850B Triple-Core	2080	1636	NA	NA
AMD Phenom 9100e Quad-Core	1831	1754	45.85	\$39.95*
AMD Phenom 9150e Quad-Core	2113	1621	52.91	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1530	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1429	24.76	\$105.00*
AMD Phenom 9500 Quad-Core	2203	1586	76.02	\$28.99*
AMD Phenom 9550 Quad-Core	2543	1453	87.74	\$28.99*
AMD Phenom 9600 Quad-Core	2306	1540	46.18	\$49.95*
AMD Phenom 9600B Quad-Core	2573	1440	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2636	1417	47.97	\$54.95*
AMD Phenom 9750 Quad-Core	2812	1364	95.36	\$29.49*
AMD Phenom 9750B Quad-Core	2709	1398	NA	NA
AMD Phenom 9850 Quad-Core	2892	1341	24.11	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1247	NA	NA
AMD Phenom 9950 Quad-Core	3010	1292	22.30	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1463	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1315	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1113	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1149	NA	NA
AMD Phenom II N620 Dual-Core	1683	1826	421.84	\$3.99*
AMD Phenom II N640 Dual-Core	1718	1803	26.46	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1743	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1412	NA	NA
AMD Phenom II N830 Triple-Core	1890	1725	NA	NA
AMD Phenom II N850 Triple-Core	1937	1697	77.51	\$25.00*
AMD Phenom II N870 Triple-Core	1993	1669	NA	NA
AMD Phenom II N930 Quad-Core	2274	1554	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1477	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2523	1459	16.83	\$149.99*
AMD Phenom II P650 Dual-Core	1597	1879	45.66	\$35.00*
AMD Phenom II P820 Triple-Core	1604	1874	NA	NA
AMD Phenom II P840 Triple-Core	1722	1800	NA	NA
AMD Phenom II P860 Triple-Core	1756	1782	NA	NA
AMD Phenom II P920 Quad-Core	1866	1736	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1760	NA	NA
AMD Phenom II P960 Quad-Core	2085	1633	74.48	\$28.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X2 511	2104	1626	NA	NA
AMD Phenom II X2 521	2071	1639	NA	NA
AMD Phenom II X2 545	1916	1708	43.57	\$43.98*
AMD Phenom II X2 550	2021	1657	40.44	\$49.99*
AMD Phenom II X2 555	2045	1649	73.10	\$27.98*
AMD Phenom II X2 560	2061	1643	31.71	\$64.99*
AMD Phenom II X2 565	2222	1580	74.12	\$29.99*
AMD Phenom II X2 570	2068	1641	NA	NA
AMD Phenom II X2 B53	1709	1811	NA	NA
AMD Phenom II X2 B55	1921	1705	40.02	\$48.00*
AMD Phenom II X2 B57	1826	1758	NA	NA
AMD Phenom II X2 B59	2118	1619	108.77	\$19.48*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 700e	2242	1571	NA	NA
AMD Phenom II X3 705e	2227	1578	14.63	\$152.34*
AMD Phenom II X3 710	2446	1487	28.94	\$84.53*
AMD Phenom II X3 715	2649	1415	31.17	\$84.99*
AMD Phenom II X3 720	2669	1408	38.14	\$69.99*
AMD Phenom II X3 740	2985	1301	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1393	36.47	\$75.00*
AMD Phenom II X3 B75	2906	1332	72.69	\$39.99*
AMD Phenom II X3 B77	3067	1275	137.64	\$22.29*
AMD Phenom II X4 805	2998	1298	17.23	\$173.99*
AMD Phenom II X4 810	3122	1258	26.92	\$115.99*
AMD Phenom II X4 820	3396	1172	45.31	\$74.95*
AMD Phenom II X4 830	3434	1163	42.95	\$79.95*
AMD Phenom II X4 840	3507	1146	39.00	\$89.95*
AMD Phenom II X4 840T	3598	1119	51.42	\$69.99*
AMD Phenom II X4 850	3549	1133	54.62	\$64.99*
AMD Phenom II X4 900e	2882	1345	NA	NA
AMD Phenom II X4 905e	3078	1272	57.02	\$53.99*
AMD Phenom II X4 910	3252	1212	32.52	\$100.00*
AMD Phenom II X4 910e	3254	1211	20.73	\$156.99*
AMD Phenom II X4 920	3393	1175	42.42	\$79.99
AMD Phenom II X4 925	3420	1165	77.76	\$43.99*
AMD Phenom II X4 940	3591	1121	60.52	\$59.34*
AMD Phenom II X4 945	3655	1109	53.67	\$68.11
AMD Phenom II X4 955	3924	1044	30.15	\$130.16*
AMD Phenom II X4 960T	3781	1074	59.10	\$63.99*
AMD Phenom II X4 965	4182	991	49.75	\$84.07
AMD Phenom II X4 970	4320	966	29.17	\$148.11*
AMD Phenom II X4 973	3759	1081	NA	NA
AMD Phenom II X4 975	4455	935	31.90	\$139.69*
AMD Phenom II X4 977	3750	1086	NA	NA
AMD Phenom II X4 980	4493	931	19.54	\$229.99*
AMD Phenom II X4 8700e	2377	1513	NA	NA
AMD Phenom II X4 B05e	2792	1369	NA	NA
AMD Phenom II X4 B15e	2736	1392	NA	NA
AMD Phenom II X4 B25	3297	1201	NA	NA
AMD Phenom II X4 B35	3383	1178	NA	NA
AMD Phenom II X4 B40	3361	1183	NA	NA
AMD Phenom II X4 B45	3468	1155	NA	NA
AMD Phenom II X4 B50	3699	1097	NA	NA
AMD Phenom II X4 B55	3855	1054	NA	NA
AMD Phenom II X4 B60	4043	1015	NA	NA
AMD Phenom II X4 B65	4172	993	NA	NA
AMD Phenom II X4 B70	4261	975	NA	NA
AMD Phenom II X4 B93	3358	1186	NA	NA
AMD Phenom II X4 B95	3684	1104	50.51	\$72.95*
AMD Phenom II X4 B97	3865	1052	67.82	\$56.99*
AMD Phenom II X4 B99	4130	1002	NA	NA
AMD Phenom II X6 1035T	4643	893	24.57	\$189.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1045T	4799	873	44.43	\$108.01*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1055T	4958	842	61.80	\$80.24*
AMD Phenom II X6 1065T	5041	824	NA	NA
AMD Phenom II X6 1075T	5329	774	47.17	\$112.99*
AMD Phenom II X6 1090T	5566	735	14.05	\$396.08*
AMD Phenom II X6 1100T	5709	716	32.17	\$177.49*
AMD Phenom II X6 1405T	5042	823	NA	NA
AMD Phenom II X620 Dual-Core	2189	1592	NA	NA
AMD Phenom II X640 Dual-Core	2021	1658	NA	NA
AMD Phenom II X920 Quad-Core	2650	1414	NA	NA
AMD Phenom II X940 Quad-Core	2695	1401	NA	NA
AMD Phenom Ultra X4 24500	3945	1040	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1819	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1585	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1785	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2086	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1947	NA	NA
AMD Phenom X3 8550	1927	1701	11.34	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1779	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1668	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1575	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1340	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1397	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1403	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2069	NA	NA
AMD PRO A4-3350B APU	2274	1555	NA	NA
AMD PRO A4-8350B	2776	1375	NA	NA
AMD PRO A6-7350B	2759	1383	NA	NA
AMD PRO A6-8500B	2516	1464	NA	NA
AMD PRO A6-8530B	2388	1508	NA	NA
AMD PRO A6-8550B	2970	1308	NA	NA
AMD PRO A6-8570	3049	1284	NA	NA
AMD PRO A6-8570E	2824	1358	NA	NA
AMD PRO A6-9500	2950	1313	39.88	\$74.00*
AMD PRO A6-9500B	2076	1638	NA	NA
AMD PRO A6-9500E	2760	1382	37.30	\$74.00*
AMD PRO A8-8600B	3520	1142	NA	NA
AMD PRO A8-8650B	5266	780	NA	NA
AMD PRO A8-8670E	5015	828	NA	NA
AMD PRO A8-9600	5277	779	44.35	\$119.00*
AMD PRO A8-9600B	3964	1035	NA	NA
AMD PRO A10-8700B	3553	1132	NA	NA
AMD PRO A10-8730B	3971	1031	NA	NA
AMD PRO A10-8750B	5473	745	NA	NA
AMD PRO A10-8770	5707	717	NA	NA
AMD PRO A10-8770E	5035	825	NA	NA
AMD PRO A10-8850B	5852	701	NA	NA
AMD PRO A10-9700	5677	722	33.59	\$169.00*
AMD PRO A10-9700B	4393	950	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A10-9700E	5066	814	36.45	\$139.00*
AMD PRO A12-8800B	4119	1005	NA	NA
AMD PRO A12-8830B	4325	964	NA	NA
AMD PRO A12-8870	6067	682	NA	NA
AMD PRO A12-8870E	5186	795	NA	NA
AMD PRO A12-9800	6132	673	36.29	\$169.00*
AMD PRO A12-9800B	4124	1004	NA	NA
AMD PRO A12-9800E	4769	876	28.22	\$169.00*
AMD QC-4000	1663	1843	NA	NA
AMD R-260H APU	1576	1886	NA	NA
AMD R-460L APU	1954	1689	NA	NA
AMD R-464L APU	3117	1260	NA	NA
AMD RX-427BB	4351	958	NA	NA
AMD Ryzen 3 1200	6729	616	103.55	\$64.99
AMD Ryzen 3 1300X	7504	535	79.12	\$94.85
AMD Ryzen 3 2200G	7306	563	87.00	\$83.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 3 2200GE	6778	608	NA	NA
AMD Ryzen 3 2200U	4578	911	NA	NA
AMD Ryzen 3 2300U	6151	670	NA	NA
AMD Ryzen 3 2300X	8512	442	NA	NA
AMD Ryzen 3 3200U	5120	801	NA	NA
AMD Ryzen 3 PRO 1200	7069	581	NA	NA
AMD Ryzen 3 PRO 1300	8022	488	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	804	NA	NA
AMD Ryzen 3 PRO 2200G	8042	485	NA	NA
AMD Ryzen 3 PRO 2200GE	7698	519	NA	NA
AMD Ryzen 3 PRO 2300U	7124	577	NA	NA
AMD Ryzen 3 PRO 3300U	7398	551	NA	NA
AMD Ryzen 5 1400	8367	453	58.17	\$143.84
AMD Ryzen 5 1500X	10077	301	71.31	\$141.33
AMD Ryzen 5 1600	12281	216	102.35	\$119.99
AMD Ryzen 5 1600X	13210	187	85.23	\$154.99
AMD Ryzen 5 2400G	9311	369	68.68	\$135.59
AMD Ryzen 5 2400GE	8698	428	NA	NA
AMD Ryzen 5 2500U	7353	557	NA	NA
AMD Ryzen 5 2500X	9663	341	NA	NA
AMD Ryzen 5 2600	13516	184	92.66	\$145.88
AMD Ryzen 5 2600H	7949	497	NA	NA
AMD Ryzen 5 2600X	14372	152	79.89	\$179.89
AMD Ryzen 5 3500U	8130	476	NA	NA
AMD Ryzen 5 3550H	8521	441	NA	NA
AMD Ryzen 5 PRO 1500	10133	294	NA	NA
AMD Ryzen 5 PRO 1600	12213	218	NA	NA
AMD Ryzen 5 PRO 2400G	9974	312	NA	NA
AMD Ryzen 5 PRO 2400GE	8635	437	NA	NA
AMD Ryzen 5 PRO 2500U	8388	452	NA	NA
AMD Ryzen 5 PRO 2600	14221	157	NA	NA
AMD Ryzen 7 1700	13771	173	51.11	\$269.48
AMD Ryzen 7 1700X	14680	144	86.51	\$169.69
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 1800X	15421	129	74.52	\$206.95
AMD Ryzen 7 2700	15020	136	68.59	\$218.99
AMD Ryzen 7 2700U	7354	556	NA	NA
AMD Ryzen 7 2700X	16981	92	58.86	\$288.49
AMD Ryzen 7 2800H	8498	443	NA	NA
AMD Ryzen 7 3700U	7415	548	NA	NA
AMD Ryzen 7 3750H	9112	388	NA	NA
AMD Ryzen 7 PRO 1700	14171	160	NA	NA
AMD Ryzen 7 PRO 1700X	15367	132	NA	NA
AMD Ryzen 7 PRO 2700	15714	126	NA	NA
AMD Ryzen 7 PRO 2700U	8864	416	NA	NA
AMD Ryzen 7 PRO 2700X	17161	90	NA	NA
AMD Ryzen 7 PRO 3700U	7967	495	NA	NA
AMD Ryzen Embedded V1202B	4368	954	NA	NA
AMD Ryzen Embedded V1605B	7454	541	NA	NA
AMD Ryzen Embedded V1807B	8354	455	NA	NA
AMD Ryzen Threadripper 1900X	16133	114	55.64	\$289.99
AMD Ryzen Threadripper 1920X	19664	61	52.50	\$374.59
AMD Ryzen Threadripper 1950X	21834	37	43.67	\$499.99
AMD Ryzen Threadripper 2920X	22103	32	36.84	\$599.99
AMD Ryzen Threadripper 2950X	25539	15	31.92	\$799.99
AMD Ryzen Threadripper 2970WX	22029	34	17.91	\$1,229.99
AMD Ryzen Threadripper 2990WX	23252	27	14.38	\$1,617.11
AMD Ryzen Threadripper 2990X	19227	67	NA	NA
AMD Sempron 130	656	2374	26.29	\$24.99*
AMD Sempron 140	738	2335	18.65	\$39.59*
AMD Sempron 145	806	2307	8.49	\$94.92
AMD Sempron 150	707	2348	15.74	\$44.95*
AMD Sempron 200U	267	2739	3.08	\$87.00*
AMD Sempron 210U	391	2585	NA	NA
AMD Sempron 240	2110	1623	36.39	\$58.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2100+	392	2583	NA	NA
AMD Sempron 2200+	281	2723	9.38	\$29.99*
AMD Sempron 2300+	318	2660	7.07	\$45.00*
AMD Sempron 2400+	314	2667	12.10	\$26.00*
AMD Sempron 2500+	335	2643	6.11	\$54.95*
AMD Sempron 2600+	373	2601	10.70	\$34.95
AMD Sempron 2650 APU	947	2231	17.66	\$53.68
AMD Sempron 2800+	383	2589	6.40	\$59.95
AMD Sempron 3000+	408	2556	20.41	\$20.00
AMD Sempron 3100+	452	2510	7.53	\$60.00*
AMD Sempron 3200+	406	2557	3.10	\$131.22*
AMD Sempron 3300+	484	2479	8.07	\$60.00
AMD Sempron 3400+	454	2508	3.47	\$131.22*
AMD Sempron 3500+	379	2592	18.98	\$20.00*
AMD Sempron 3600+	483	2481	40.30	\$12.00*
AMD Sempron 3800+	554	2426	3.62	\$152.92*
AMD Sempron 3850 APU	1715	1806	23.41	\$73.30
AMD Sempron Dual Core 2100	936	2238	24.02	\$39.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron Dual Core 2200	995	2196	NA	NA
AMD Sempron Dual Core 2300	982	2204	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2230	NA	NA
AMD Sempron Dual Core 4900	1081	2147	NA	NA
AMD Sempron LE-250	490	2468	NA	NA
AMD Sempron LE-1100	438	2527	NA	NA
AMD Sempron LE-1150	444	2518	NA	NA
AMD Sempron LE-1200	528	2440	NA	NA
AMD Sempron LE-1250	541	2432	5.41	\$99.95*
AMD Sempron LE-1300	598	2402	27.22	\$22.00
AMD Sempron LE-1600	535	2437	NA	NA
AMD Sempron LE-1620	635	2384	NA	NA
AMD Sempron LE-1640	759	2325	NA	NA
AMD Sempron M100	563	2422	46.99	\$12.00*
AMD Sempron M120	582	2411	NA	NA
AMD Sempron SI-40	443	2520	36.93	\$12.00*
AMD Sempron SI-42	456	2507	15.22	\$30.01*
AMD Sempron X2 180	1222	2064	17.62	\$69.40*
AMD Sempron X2 190	1512	1917	18.12	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1959	NA	NA
AMD Turion 64 Mobile MK-36	465	2494	NA	NA
AMD Turion 64 Mobile MK-38	513	2452	NA	NA
AMD Turion 64 Mobile ML-28	390	2586	NA	NA
AMD Turion 64 Mobile ML-30	402	2566	NA	NA
AMD Turion 64 Mobile ML-32	402	2567	NA	NA
AMD Turion 64 Mobile ML-34	425	2543	NA	NA
AMD Turion 64 Mobile ML-37	442	2521	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2446	NA	NA
AMD Turion 64 Mobile ML-42	615	2393	NA	NA
AMD Turion 64 Mobile ML-44	591	2404	NA	NA
AMD Turion 64 Mobile MT-28	419	2545	NA	NA
AMD Turion 64 Mobile MT-30	378	2593	NA	NA
AMD Turion 64 Mobile MT-32	426	2542	NA	NA
AMD Turion 64 Mobile MT-34	429	2538	NA	NA
AMD Turion 64 Mobile MT-37	484	2478	NA	NA
AMD Turion 64 Mobile MT-40	536	2435	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2331	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2321	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2266	63.89	\$13.95*
AMD Turion 64 X2 Mobile TL-58	946	2233	NA	NA
AMD Turion 64 X2 Mobile TL-60	996	2195	62.48	\$15.95
AMD Turion 64 X2 Mobile TL-62	1087	2141	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1092	2139	27.72	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2113	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2099	12.92	\$90.00*
AMD Turion Dual-Core RM-70	912	2256	36.49	\$25.00*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion Dual-Core RM-72	860	2275	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2182	NA	NA
AMD Turion Dual-Core RM-75	977	2206	35.61	\$27.46*
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 M500	1293	2019	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2010	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1997	NA	NA
AMD Turion II N530 Dual-Core	1583	1885	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1906	NA	NA
AMD Turion II Neo K625 Dual-Core	975	2208	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2083	NA	NA
AMD Turion II Neo N40L Dual-Core	925	2246	NA	NA
AMD Turion II Neo N54L Dual-Core	1364	1979	NA	NA
AMD Turion II P520 Dual-Core	1359	1984	NA	NA
AMD Turion II P540 Dual-Core	1430	1950	28.65	\$49.95
AMD Turion II P560 Dual-Core	1514	1916	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	1960	78.96	\$17.81*
AMD Turion II Ultra Dual-Core Mobile M620	1433	1949	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1837	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1901	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2303	NA	NA
AMD Turion X2 Dual Core L510	923	2248	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2277	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2156	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	993	2200	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2144	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2155	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1137	2115	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2107	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1017	2181	16.42	\$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2145	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2071	63.72	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2056	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	2017	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1232	2060	30.86	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2193	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2173	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1939	NA	NA
AMD V105	299	2687	NA	NA
AMD V120	623	2391	NA	NA
AMD V140	643	2381	12.88	\$49.95*
AMD V160	677	2365	NA	NA
AMD Z-01	523	2445	NA	NA
AMD Z-60 APU	500	2463	NA	NA
AMD-K6 3D	90	2863	NA	NA
AMD-K6-III	108	2860	NA	NA
AMD-K7	403	2564	NA	NA
Athlon 64 Dual Core 3800+	1234	2057	NA	NA
Athlon 64 Dual Core 4200+	1156	2103	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	1976	NA	NA
Athlon 64 Dual Core 5000+	1507	1918	NA	NA
Athlon 64 Dual Core 5400+	1614	1870	NA	NA
Athlon 64 Dual Core 5600+	1548	1895	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Athlon Dual Core 4050e	968	2213	NA	NA
Athlon Dual Core 4450e	1204	2073	NA	NA
Athlon Dual Core 4850e	1327	2001	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1352	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1085	2143	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1170	2093	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1201	2076	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	2035	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2072	NA	NA
HP Hexa-Core 2.0GHz	2178	1594	4.32	\$504.27*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel 2.80GHz	525	2443	NA	NA
Intel 1300 @ 1.66GHz	857	2279	NA	NA
Intel 1400 @ 1.83GHz	980	2205	NA	NA
Intel 1500 @ 2.00GHz	1024	2175	NA	NA
Intel Atom 230 @ 1.60GHz	307	2674	NA	NA
Intel Atom 330 @ 1.60GHz	587	2408	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2265	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2220	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1634	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1563	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1596	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	1070	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1190	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1245	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1484	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1455	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	861	14.62	\$332.00*
Intel Atom D410 @ 1.66GHz	301	2683	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2635	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2373	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2349	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2562	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2363	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2345	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2288	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2342	NA	NA
Intel Atom E660 @ 1.30GHz	271	2735	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2632	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2648	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2413	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2469	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2284	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2100	NA	NA
Intel Atom E3845 @ 1.91GHz	1501	1920	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1735	NA	NA
Intel Atom E3950 @ 1.60GHz	1872	1734	NA	NA
Intel Atom K510 @ 1.66GHz	658	2372	NA	NA
Intel Atom N270 @ 1.60GHz	270	2738	NA	NA
Intel Atom N280 @ 1.66GHz	283	2716	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N435 @ 1.33GHz	261	2746	NA	NA
Intel Atom N450 @ 1.66GHz	295	2695	NA	NA
Intel Atom N455 @ 1.66GHz	283	2714	NA	NA
Intel Atom N470 @ 1.83GHz	318	2659	NA	NA
Intel Atom N475 @ 1.83GHz	314	2665	NA	NA
Intel Atom N550 @ 1.50GHz	524	2444	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	572	2418	6.66	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2679	NA	NA
Intel Atom N2600 @ 1.60GHz	525	2442	NA	NA
Intel Atom N2800 @ 1.86GHz	624	2389	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2253	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1650	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2304	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1624	1866	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1194	2078	8.98	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1018	2180	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1268	2039	60.40	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1692	1824	27.06	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1847	1744	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1893	1721	25.72	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1889	1727	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2814	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2790	NA	NA
Intel Atom Z520 @ 1.33GHz	216	2793	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2722	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z540 @ 1.86GHz	348	2629	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2590	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2770	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2421	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2254	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2243	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2261	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2262	NA	NA
Intel Atom Z3736F @ 1.33GHz	919	2252	NA	NA
Intel Atom Z3740 @ 1.33GHz	1061	2154	NA	NA
Intel Atom Z3740D @ 1.33GHz	1025	2174	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2150	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1034	2169	NA	NA
Intel Atom Z3770 @ 1.46GHz	1245	2054	8.34	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2308	NA	NA
Intel Atom Z3775 @ 1.46GHz	1260	2042	36.00	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2033	NA	NA
Intel Atom Z3795 @ 1.60GHz	1772	1775	NA	NA
Intel Celeron 1.70GHz	130	2853	NA	NA
Intel Celeron 1.80GHz	136	2850	NA	NA
Intel Celeron 2.00GHz	182	2826	NA	NA
Intel Celeron 2.10GHz	244	2768	NA	NA
Intel Celeron 2.13GHz	208	2801	NA	NA
Intel Celeron 2.20GHz	213	2796	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.26GHz	223	2785	NA	NA
Intel Celeron 2.30GHz	227	2782	NA	NA
Intel Celeron 2.40GHz	217	2791	NA	NA
Intel Celeron 2.50GHz	247	2762	NA	NA
Intel Celeron 2.53GHz	245	2766	NA	NA
Intel Celeron 2.60GHz	238	2773	NA	NA
Intel Celeron 2.66GHz	250	2759	NA	NA
Intel Celeron 2.70GHz	245	2767	NA	NA
Intel Celeron 2.80GHz	254	2752	NA	NA
Intel Celeron 2.93GHz	283	2715	NA	NA
Intel Celeron 3.06GHz	284	2711	NA	NA
Intel Celeron 3.20GHz	288	2704	NA	NA
Intel Celeron 3.33GHz	333	2646	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2654	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2656	NA	NA
Intel Celeron 420 @ 1.60GHz	451	2511	11.29	\$39.99*
Intel Celeron 430 @ 1.80GHz	488	2470	9.10	\$53.75
Intel Celeron 440 @ 2.00GHz	548	2427	9.14	\$59.99
Intel Celeron 450 @ 2.20GHz	624	2390	20.82	\$29.99*
Intel Celeron 530 @ 1.73GHz	470	2490	20.47	\$22.99*
Intel Celeron 540 @ 1.86GHz	521	2447	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2449	7.96	\$64.95
Intel Celeron 560 @ 2.13GHz	535	2436	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2448	NA	NA
Intel Celeron 600MHz	147	2846	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2560	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2537	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2329	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2607	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2394	NA	NA
Intel Celeron 847 @ 1.10GHz	934	2239	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2178	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2111	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2091	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	2023	NA	NA
Intel Celeron 887 @ 1.50GHz	1278	2032	NA	NA
Intel Celeron 900 @ 2.20GHz	677	2366	23.38	\$28.99
Intel Celeron 925 @ 2.30GHz	688	2359	NA	NA
Intel Celeron 1000M @ 1.80GHz	1678	1831	NA	NA
Intel Celeron 1000MHz	213	2795	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1005M @ 1.90GHz	1811	1762	NA	NA
Intel Celeron 1007U @ 1.50GHz	1391	1965	7.52	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1521	1905	NA	NA
Intel Celeron 1019Y @ 1.00GHz	946	2234	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1576	NA	NA
Intel Celeron 1037U @ 1.80GHz	1736	1795	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2082	NA	NA
Intel Celeron 1066MHz	259	2748	NA	NA
Intel Celeron 1100MHz	174	2832	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1133MHz	282	2717	NA	NA
Intel Celeron 1200MHz	244	2769	NA	NA
Intel Celeron 1300MHz	288	2706	NA	NA
Intel Celeron 1333MHz	290	2700	NA	NA
Intel Celeron 1400MHz	302	2680	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1521	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1872	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1977	1679	NA	NA
Intel Celeron 2955U @ 1.40GHz	1421	1955	NA	NA
Intel Celeron 2957U @ 1.40GHz	1435	1948	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2124	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1536	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1882	NA	NA
Intel Celeron 2981U @ 1.60GHz	1522	1904	NA	NA
Intel Celeron 3205U @ 1.50GHz	1497	1924	5.22	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1635	1857	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1816	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1671	NA	NA
Intel Celeron 3855U @ 1.60GHz	1680	1829	NA	NA
Intel Celeron 3865U @ 1.80GHz	1898	1717	NA	NA
Intel Celeron 3867U @ 1.80GHz	1999	1667	18.69	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1913	1711	NA	NA
Intel Celeron 3965U @ 2.20GHz	2346	1524	21.93	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1629	1861	15.23	\$107.00*
Intel Celeron 4205U @ 1.80GHz	1953	1690	18.25	\$107.00*
Intel Celeron @ 1.30GHz	965	2214	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2820	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2301	NA	NA
Intel Celeron B800 @ 1.50GHz	1276	2034	NA	NA
Intel Celeron B810 @ 1.60GHz	1425	1952	NA	NA
Intel Celeron B815 @ 1.60GHz	1366	1977	NA	NA
Intel Celeron B820 @ 1.70GHz	1429	1951	36.38	\$39.29*
Intel Celeron B830 @ 1.80GHz	1515	1915	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1802	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2737	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2681	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2662	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2642	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2561	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2482	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2409	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2278	7.80	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1046	2162	11.64	\$89.95
Intel Celeron E1500 @ 2.20GHz	1169	2095	59.51	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2044	NA	NA
Intel Celeron E3200 @ 2.40GHz	1383	1968	26.62	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1386	1967	21.33	\$64.99
Intel Celeron E3400 @ 2.60GHz	1439	1946	29.90	\$48.15*
Intel Celeron E3500 @ 2.70GHz	1454	1938	36.37	\$39.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G440 @ 1.60GHz	694	2355	13.90	\$49.99*
Intel Celeron G460 @ 1.80GHz	1035	2168	15.93	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2153	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2016	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G530 @ 2.40GHz	2132	1609	53.32	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1805	NA	NA
Intel Celeron G540 @ 2.50GHz	2195	1590	48.79	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1620	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1545	28.63	\$80.00
Intel Celeron G550T @ 2.20GHz	2063	1642	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1495	60.57	\$40.00*
Intel Celeron G1101 @ 2.27GHz	1667	1840	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2489	1474	8.30	\$299.95
Intel Celeron G1610T @ 2.30GHz	2286	1547	57.12	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2577	1438	16.78	\$153.59*
Intel Celeron G1620T @ 2.40GHz	2353	1523	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1472	35.63	\$69.99
Intel Celeron G1820 @ 2.70GHz	2754	1386	30.61	\$89.99
Intel Celeron G1820T @ 2.40GHz	2496	1471	59.44	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1610	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1452	26.80	\$94.95
Intel Celeron G1840 @ 2.80GHz	2859	1349	36.68	\$77.95
Intel Celeron G1840T @ 2.50GHz	2605	1428	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1330	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3147	1252	54.50	\$57.75
Intel Celeron G3900E @ 2.40GHz	2679	1406	NA	NA
Intel Celeron G3900T @ 2.60GHz	2919	1326	25.96	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1433	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1257	22.31	\$139.99
Intel Celeron G3930 @ 2.90GHz	3037	1287	59.35	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1378	32.17	\$85.99*
Intel Celeron G3950 @ 3.00GHz	3049	1283	42.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3270	1205	51.71	\$63.25
Intel Celeron G4900T @ 2.90GHz	3096	1265	NA	NA
Intel Celeron G4920 @ 3.20GHz	3192	1230	47.66	\$66.99
Intel Celeron J1750 @ 2.41GHz	1037	2167	NA	NA
Intel Celeron J1800 @ 2.41GHz	1028	2172	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1868	NA	NA
Intel Celeron J1900 @ 1.99GHz	1839	1751	NA	NA
Intel Celeron J3060 @ 1.60GHz	974	2209	NA	NA
Intel Celeron J3160 @ 1.60GHz	1791	1768	NA	NA
Intel Celeron J3355 @ 2.00GHz	1194	2079	NA	NA
Intel Celeron J3455 @ 1.50GHz	2122	1617	5.74	\$369.99*
Intel Celeron J4005 @ 2.00GHz	1541	1898	10.97	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2629	1419	24.58	\$107.00*
Intel Celeron M 1.00GHz	207	2802	16.60	\$12.49
Intel Celeron M 1.30GHz	316	2661	NA	NA
Intel Celeron M 1.50GHz	343	2637	NA	NA
Intel Celeron M 1.60GHz	364	2616	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 1.70GHz	393	2582	NA	NA
Intel Celeron M 360 1.40GHz	328	2650	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2663	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2639	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2609	NA	NA
Intel Celeron M 440 @ 1.86GHz	397	2573	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2754	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2513	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2535	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2498	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2431	NA	NA
Intel Celeron M 600MHz	151	2844	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2506	NA	NA
Intel Celeron M 900MHz	204	2804	NA	NA
Intel Celeron M 1200MHz	275	2732	NA	NA
Intel Celeron M 1300MHz	303	2677	NA	NA
Intel Celeron M 1500MHz	333	2647	NA	NA
Intel Celeron M ULV 800MHz	184	2824	NA	NA
Intel Celeron N2805 @ 1.46GHz	461	2503	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2806 @ 1.60GHz	791	2313	NA	NA
Intel Celeron N2807 @ 1.58GHz	855	2281	NA	NA
Intel Celeron N2808 @ 1.58GHz	908	2260	NA	NA
Intel Celeron N2810 @ 2.00GHz	787	2314	5.62	\$139.99*
Intel Celeron N2815 @ 1.86GHz	852	2283	NA	NA
Intel Celeron N2820 @ 2.13GHz	925	2244	4.41	\$209.99
Intel Celeron N2830 @ 2.16GHz	955	2226	NA	NA
Intel Celeron N2840 @ 2.16GHz	1003	2187	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2075	NA	NA
Intel Celeron N2920 @ 1.86GHz	1500	1921	NA	NA
Intel Celeron N2930 @ 1.83GHz	1628	1862	NA	NA
Intel Celeron N2940 @ 1.83GHz	1731	1796	NA	NA
Intel Celeron N3000 @ 1.04GHz	909	2258	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2215	NA	NA
Intel Celeron N3050 @ 1.60GHz	878	2268	5.61	\$156.62
Intel Celeron N3060 @ 1.60GHz	988	2202	NA	NA
Intel Celeron N3150 @ 1.60GHz	1656	1846	NA	NA
Intel Celeron N3160 @ 1.60GHz	1664	1841	5.37	\$309.88
Intel Celeron N3350 @ 1.10GHz	1108	2127	NA	NA
Intel Celeron N3450 @ 1.10GHz	1842	1748	5.85	\$314.99*
Intel Celeron N4000 @ 1.10GHz	1441	1945	13.48	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2315	1534	21.64	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1119	2117	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2198	NA	NA
Intel Celeron P4600 @ 2.00GHz	1344	1992	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2318	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2229	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2157	35.29	\$29.99*
Intel Celeron U1900 @ 1.99GHz	1704	1815	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2340	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron U3405 @ 1.07GHz	684	2360	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2306	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2160	6.58	\$159.95
Intel Core2 Duo E4400 @ 2.00GHz	1157	2102	23.15	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1271	2036	17.84	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1383	1969	8.76	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	1930	54.88	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1109	2125	85.41	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2084	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1289	2024	43.07	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1360	1982	27.21	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	1941	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1923	100.26	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1553	1894	103.66	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1823	56.47	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1715	1807	166.54	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1947	1692	38.95	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1630	1860	33.27	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1725	1799	43.28	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1771	1776	61.12	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1731	125.06	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1966	1684	16.40	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1520	1908	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1746	1786	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1883	1730	37.68	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1688	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1522	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1991	1670	99.61	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1745	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1614	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2149	1604	47.24	\$45.50
Intel Core2 Duo E8435 @ 3.06GHz	2127	1616	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2282	1551	57.07	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2400	1505	56.55	\$42.45*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8700 @ 3.50GHz	2212	1584	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2323	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2361	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2297	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2285	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	958	2223	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2210	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2118	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1074	2152	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1345	1991	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	2021	64.59	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	2015	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1417	1957	35.45	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2236	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1911	6.60	\$229.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P7570 @ 2.26GHz	1452	1940	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2177	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1454	1937	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1535	1900	31.23	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1865	42.76	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1791	30.57	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1891	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1753	1783	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1745	1787	17.63	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1865	1737	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2015	1660	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2407	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2049	4.95	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1833	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	929	2241	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	832	2292	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	838	2291	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2302	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	932	2240	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2255	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2259	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2249	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1044	2164	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2171	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2199	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1092	2138	109.39	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1114	2121	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1199	2077	75.46	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1148	2109	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2070	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2062	81.80	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1286	2027	85.82	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1257	2043	32.67	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1361	1981	72.04	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1359	1983	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1018	2179	46.32	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	2096	11.69	\$99.95
Intel Core2 Duo T7250 @ 2.00GHz	1115	2119	5.54	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1192	2080	38.49	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1248	2052	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1270	2038	29.55	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1379	1973	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1423	1954	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1594	1880	2.62	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1296	2018	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1472	1932	13.52	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1673	1834	28.86	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1738	1792	24.86	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1798	1766	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T9550 @ 2.66GHz	1806	1763	6.04	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1928	1700	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2020	1659	4.77	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2131	1611	5.34	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	874	2271	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2405	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2368	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2354	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2276	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1128	2116	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1825	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1108	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3634	1112	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1158	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1873	1733	7.11	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1765	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1999	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1827	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1896	1719	4.63	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2068	1640	2.43	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4157	996	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	928	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	902	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	892	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2949	1314	73.77	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3282	1204	72.97	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2811	1365	122.29	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2980	1302	59.62	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3162	1246	13.18	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2524	1457	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1216	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3159	1248	15.84	\$199.50*
Intel Core2 Quad Q9400 @ 2.66GHz	3340	1192	69.58	\$48.01*
Intel Core2 Quad Q9450 @ 2.66GHz	3758	1083	105.27	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3526	1139	100.80	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3556	1130	18.72	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3963	1036	89.09	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4160	995	37.84	\$109.95
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1038	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2620	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2670	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2547	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	464	2495	NA	NA
Intel Core 330 @ 1.60GHz	643	2380	NA	NA
Intel Core 860 @ 2.80GHz	4555	914	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2343	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2351	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2330	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2357	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2250 @ 1.73GHz	756	2327	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2338	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2322	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2309	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2296	NA	NA
Intel Core Duo T2500 @ 2.00GHz	867	2273	7.23	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2237	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2176	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2429	NA	NA
Intel Core Duo U2500 @ 1.20GHz	511	2455	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1698	NA	NA
Intel Core i3-330M @ 2.13GHz	1787	1771	11.17	\$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2151	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	1891	1723	17.37	\$108.95*
Intel Core i3-370M @ 2.40GHz	2014	1661	50.42	\$39.96*
Intel Core i3-380M @ 2.53GHz	2092	1630	9.97	\$209.95*
Intel Core i3-380UM @ 1.33GHz	1160	2101	NA	NA
Intel Core i3-390M @ 2.67GHz	2183	1593	56.06	\$38.95*
Intel Core i3-530 @ 2.93GHz	2567	1444	13.58	\$189.00
Intel Core i3-540 @ 3.07GHz	2687	1404	23.67	\$113.55
Intel Core i3-550 @ 3.20GHz	2829	1355	16.10	\$175.74
Intel Core i3-560 @ 3.33GHz	2934	1319	16.31	\$179.95*
Intel Core i3-2100 @ 3.10GHz	3689	1102	26.35	\$140.00
Intel Core i3-2100T @ 2.50GHz	2962	1311	49.39	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1089	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3710	1094	32.27	\$114.99*
Intel Core i3-2120 @ 3.30GHz	3929	1043	56.14	\$69.99
Intel Core i3-2120T @ 2.60GHz	3164	1244	19.78	\$160.00*
Intel Core i3-2125 @ 3.30GHz	4003	1022	19.34	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4070	1011	35.40	\$114.99
Intel Core i3-2140 @ 3.50GHz	4325	965	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1351	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2431	1492	54.05	\$44.99
Intel Core i3-2312M @ 2.10GHz	2374	1514	NA	NA
Intel Core i3-2328M @ 2.20GHz	2545	1450	27.38	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1273	NA	NA
Intel Core i3-2330M @ 2.20GHz	2525	1456	50.55	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1511	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1801	NA	NA
Intel Core i3-2348M @ 2.30GHz	2617	1422	NA	NA
Intel Core i3-2350M @ 2.30GHz	2627	1420	18.77	\$139.95*
Intel Core i3-2357M @ 1.30GHz	1556	1893	NA	NA
Intel Core i3-2365M @ 1.40GHz	1676	1832	NA	NA
Intel Core i3-2367M @ 1.40GHz	1707	1813	NA	NA
Intel Core i3-2370M @ 2.40GHz	2777	1374	69.76	\$39.81*
Intel Core i3-2375M @ 1.50GHz	1774	1774	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1757	NA	NA
Intel Core i3-3110M @ 2.40GHz	3083	1270	38.56	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3223	1221	29.30	\$110.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3130M @ 2.60GHz	3390	1176	NA	NA
Intel Core i3-3210 @ 3.20GHz	4039	1016	13.79	\$293.00
Intel Core i3-3217U @ 1.80GHz	2303	1541	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1599	NA	NA
Intel Core i3-3220 @ 3.30GHz	4243	978	53.72	\$79.00
Intel Core i3-3220T @ 2.80GHz	3692	1100	13.48	\$273.95
Intel Core i3-3225 @ 3.30GHz	4343	960	36.50	\$119.00
Intel Core i3-3227U @ 1.90GHz	2467	1481	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1818	NA	NA
Intel Core i3-3240 @ 3.40GHz	4317	968	86.34	\$50.00
Intel Core i3-3240T @ 2.90GHz	3653	1110	NA	NA
Intel Core i3-3245 @ 3.40GHz	4444	938	24.83	\$179.01
Intel Core i3-3250 @ 3.50GHz	4447	936	46.82	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1114	NA	NA
Intel Core i3-4000M @ 2.40GHz	3254	1210	16.28	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2444	1488	NA	NA
Intel Core i3-4010U @ 1.70GHz	2439	1489	8.44	\$289.00
Intel Core i3-4010Y @ 1.30GHz	1900	1716	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2163	1598	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2213	1583	NA	NA
Intel Core i3-4025U @ 1.90GHz	2787	1372	NA	NA
Intel Core i3-4030U @ 1.90GHz	2718	1396	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1467	NA	NA
Intel Core i3-4100M @ 2.50GHz	3426	1164	15.68	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	1049	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1338	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1282	NA	NA
Intel Core i3-4130 @ 3.40GHz	4804	869	53.38	\$90.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4130T @ 2.90GHz	4142	999	46.55	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4897	852	49.47	\$99.00
Intel Core i3-4150T @ 3.00GHz	4235	979	18.42	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1327	NA	NA
Intel Core i3-4160 @ 3.60GHz	5051	819	46.34	\$109.00
Intel Core i3-4160T @ 3.10GHz	4438	939	29.59	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5189	793	33.48	\$155.00
Intel Core i3-4170T @ 3.20GHz	4545	919	21.65	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5084	807	29.10	\$174.75
Intel Core i3-4330T @ 3.00GHz	4485	932	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1226	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	786	27.60	\$189.99
Intel Core i3-4350 @ 3.60GHz	4990	833	29.36	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	970	NA	NA
Intel Core i3-4360 @ 3.70GHz	5461	752	21.09	\$259.00
Intel Core i3-4360T @ 3.20GHz	4636	897	NA	NA
Intel Core i3-4370 @ 3.80GHz	5613	731	18.17	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4870	854	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	845	NA	NA
Intel Core i3-5005U @ 2.00GHz	2907	1331	NA	NA
Intel Core i3-5010U @ 2.10GHz	3055	1279	9.05	\$337.76*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-5015U @ 2.10GHz	3007	1295	NA	NA
Intel Core i3-5020U @ 2.20GHz	3197	1228	6.97	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3663	1106	NA	NA
Intel Core i3-6006U @ 2.00GHz	3085	1268	NA	NA
Intel Core i3-6098P @ 3.60GHz	5412	756	40.47	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5484	744	43.88	\$124.99
Intel Core i3-6100E @ 2.70GHz	3769	1077	NA	NA
Intel Core i3-6100H @ 2.70GHz	4222	983	NA	NA
Intel Core i3-6100T @ 3.20GHz	4850	862	35.94	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	4304	969	NA	NA
Intel Core i3-6100U @ 2.30GHz	3603	1117	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	1060	NA	NA
Intel Core i3-6300 @ 3.80GHz	5846	703	33.41	\$175.00
Intel Core i3-6300T @ 3.30GHz	5247	785	33.86	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6047	684	20.23	\$298.99*
Intel Core i3-7020U @ 2.30GHz	3513	1143	12.51	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5786	709	37.09	\$156.00
Intel Core i3-7100H @ 3.00GHz	4667	888	20.75	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5048	821	35.29	\$143.07
Intel Core i3-7100U @ 2.40GHz	3772	1076	9.91	\$380.64*
Intel Core i3-7101TE @ 3.40GHz	5189	792	44.36	\$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1206	14.52	\$225.00*
Intel Core i3-7130U @ 2.70GHz	4065	1013	14.47	\$281.00*
Intel Core i3-7167U @ 2.80GHz	4757	877	NA	NA
Intel Core i3-7300 @ 4.00GHz	6360	653	37.02	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	765	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6417	645	35.12	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6621	627	41.92	\$157.94
Intel Core i3-8100 @ 3.60GHz	8037	486	53.76	\$149.49
Intel Core i3-8100B @ 3.60GHz	8473	444	63.71	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7382	553	53.11	\$139.00
Intel Core i3-8109U @ 3.00GHz	6183	666	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	872	NA	NA
Intel Core i3-8130U @ 2.20GHz	5051	818	17.98	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5400	760	19.22	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8688	431	50.05	\$173.60
Intel Core i3-8300T @ 3.20GHz	8032	487	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9210	379	49.79	\$184.99
Intel Core i3-9100F @ 3.60GHz	8877	415	84.56	\$104.99
Intel Core i3-9350KF @ 4.00GHz	10458	274	46.76	\$223.64
Intel Core i3-21050 @ 3.10GHz	3862	1053	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1589	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1476	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7Y54 @ 1.20GHz	3599	1118	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3810	1069	NA	NA
Intel Core i5-430M @ 2.27GHz	2096	1628	14.98	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	1995	NA	NA
Intel Core i5-450M @ 2.40GHz	2127	1615	66.59	\$31.95*
Intel Core i5-460M @ 2.53GHz	2323	1529	31.01	\$74.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-470UM @ 1.33GHz	1081	2148	NA	NA
Intel Core i5-480M @ 2.67GHz	2403	1502	29.81	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1570	NA	NA
Intel Core i5-520M @ 2.40GHz	2369	1517	23.70	\$99.99
Intel Core i5-520UM @ 1.07GHz	1351	1987	NA	NA
Intel Core i5-540M @ 2.53GHz	2454	1485	12.92	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	1975	NA	NA
Intel Core i5-560M @ 2.67GHz	2578	1437	42.97	\$60.00*
Intel Core i5-560UM @ 1.33GHz	1664	1842	NA	NA
Intel Core i5-580M @ 2.67GHz	2595	1430	23.61	\$109.95
Intel Core i5-650 @ 3.20GHz	3098	1264	13.77	\$224.95
Intel Core i5-655K @ 3.20GHz	3395	1174	56.60	\$59.99*
Intel Core i5-660 @ 3.33GHz	3254	1209	9.30	\$349.95*
Intel Core i5-661 @ 3.33GHz	3186	1232	31.86	\$99.99*
Intel Core i5-670 @ 3.47GHz	3313	1197	36.83	\$89.99*
Intel Core i5-680 @ 3.60GHz	3509	1145	38.99	\$89.99*
Intel Core i5-750 @ 2.67GHz	3691	1101	39.89	\$92.55*
Intel Core i5-760 @ 2.80GHz	3886	1048	43.19	\$89.99*
Intel Core i5-2300 @ 2.80GHz	5360	768	67.02	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5539	739	29.73	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5767	712	36.05	\$160.00
Intel Core i5-2380P @ 3.10GHz	5749	714	31.94	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4226	981	42.31	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5968	688	80.65	\$74.00
Intel Core i5-2400S @ 2.50GHz	4982	835	27.38	\$182.00*
Intel Core i5-2405S @ 2.50GHz	5082	810	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3166	1242	40.57	\$78.07*
Intel Core i5-2415M @ 2.30GHz	3299	1200	NA	NA
Intel Core i5-2430M @ 2.40GHz	3285	1203	36.87	\$89.11*
Intel Core i5-2435M @ 2.40GHz	3227	1219	NA	NA
Intel Core i5-2450M @ 2.50GHz	3401	1169	38.65	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6132	674	68.14	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2320	1531	NA	NA
Intel Core i5-2500 @ 3.30GHz	6341	654	115.18	\$55.06
Intel Core i5-2500K @ 3.30GHz	6478	638	14.92	\$434.26*
Intel Core i5-2500S @ 2.70GHz	5364	767	71.53	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4639	895	NA	NA
Intel Core i5-2510E @ 2.50GHz	3483	1151	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1198	NA	NA
Intel Core i5-2520M @ 2.50GHz	3594	1120	21.19	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2094	1629	NA	NA
Intel Core i5-2540M @ 2.60GHz	3786	1073	65.26	\$58.02
Intel Core i5-2550K @ 3.40GHz	6668	622	51.30	\$129.99*
Intel Core i5-2557M @ 1.70GHz	2693	1402	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1084	NA	NA
Intel Core i5-3210M @ 2.50GHz	3827	1063	51.71	\$74.02*
Intel Core i5-3230M @ 2.60GHz	3940	1042	17.38	\$226.77*
Intel Core i5-3317U @ 1.70GHz	3090	1266	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4127	1003	39.65	\$104.10*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3330 @ 3.00GHz	5945	691	20.96	\$283.67*
Intel Core i5-3330S @ 2.70GHz	5683	720	59.83	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	708	NA	NA
Intel Core i5-3337U @ 1.80GHz	3229	1218	14.35	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1582	NA	NA
Intel Core i5-3340 @ 3.10GHz	6094	679	20.80	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4246	977	53.12	\$79.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3340S @ 2.80GHz	5846	702	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6149	671	41.00	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4437	940	47.81	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4437	941	NA	NA
Intel Core i5-3427U @ 1.80GHz	3549	1134	8.45	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3638	1111	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1323	NA	NA
Intel Core i5-3450 @ 3.10GHz	6538	633	25.78	\$253.59*
Intel Core i5-3450S @ 2.80GHz	6223	661	41.77	\$149.00*
Intel Core i5-3470 @ 3.20GHz	6716	618	74.63	\$90.00
Intel Core i5-3470S @ 2.90GHz	6373	651	46.86	\$136.00
Intel Core i5-3470T @ 2.90GHz	4482	933	14.51	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6609	628	46.06	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6956	590	46.38	\$149.99*
Intel Core i5-3550S @ 3.00GHz	6910	598	20.95	\$329.95
Intel Core i5-3570 @ 3.40GHz	7129	576	75.06	\$94.99
Intel Core i5-3570K @ 3.40GHz	7176	572	17.94	\$399.99
Intel Core i5-3570S @ 3.10GHz	6746	614	23.67	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5901	695	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3898	1047	NA	NA
Intel Core i5-4200H @ 2.80GHz	4447	937	NA	NA
Intel Core i5-4200M @ 2.50GHz	4035	1017	49.75	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3293	1202	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1501	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2265	1561	NA	NA
Intel Core i5-4210H @ 2.90GHz	4530	923	NA	NA
Intel Core i5-4210M @ 2.60GHz	4197	987	13.54	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3404	1168	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2378	1512	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1537	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1337	NA	NA
Intel Core i5-4250U @ 1.30GHz	3452	1159	9.62	\$359.00*
Intel Core i5-4258U @ 2.40GHz	4082	1009	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1127	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	955	NA	NA
Intel Core i5-4288U @ 2.60GHz	4301	971	NA	NA
Intel Core i5-4300M @ 2.60GHz	4433	943	NA	NA
Intel Core i5-4300U @ 1.90GHz	3743	1088	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2502	1469	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1306	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	984	NA	NA
Intel Core i5-4310M @ 2.70GHz	4639	894	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4310U @ 2.00GHz	3759	1082	NA	NA
Intel Core i5-4330M @ 2.80GHz	4547	918	16.54	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4853	860	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1115	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	917	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1039	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1367	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6336	655	39.61	\$159.99*
Intel Core i5-4430S @ 2.70GHz	5958	690	37.24	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6512	636	13.10	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6245	660	13.49	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6716	617	30.68	\$218.90
Intel Core i5-4460S @ 2.90GHz	6418	644	9.73	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4961	841	NA	NA
Intel Core i5-4570 @ 3.20GHz	7149	574	55.42	\$129.00
Intel Core i5-4570R @ 2.70GHz	6756	612	NA	NA
Intel Core i5-4570S @ 2.90GHz	6822	603	35.61	\$191.56
Intel Core i5-4570T @ 2.90GHz	4813	864	22.93	\$209.95
Intel Core i5-4570TE @ 2.70GHz	3827	1062	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7332	559	49.21	\$149.00
Intel Core i5-4590S @ 3.00GHz	7066	582	36.60	\$193.07
Intel Core i5-4590T @ 2.00GHz	5623	728	26.78	\$209.95*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4670 @ 3.40GHz	7458	540	34.06	\$219.00
Intel Core i5-4670K @ 3.40GHz	7633	526	31.81	\$239.95
Intel Core i5-4670K CPT @ 3.40GHz	7411	549	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	547	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7361	555	34.56	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6168	669	23.81	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7680	522	40.64	\$189.00
Intel Core i5-4690K @ 3.50GHz	7796	510	28.01	\$278.35
Intel Core i5-4690S @ 3.20GHz	7424	545	26.42	\$281.06*
Intel Core i5-4690T @ 2.50GHz	6524	635	NA	NA
Intel Core i5-5200U @ 2.20GHz	3486	1150	NA	NA
Intel Core i5-5250U @ 1.60GHz	3584	1122	8.11	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4409	947	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	885	NA	NA
Intel Core i5-5300U @ 2.30GHz	3823	1064	7.41	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3512	1144	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	537	NA	NA
Intel Core i5-5675C @ 3.10GHz	8191	469	26.43	\$309.95
Intel Core i5-5675R @ 3.10GHz	8054	484	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4147	998	NA	NA
Intel Core i5-6200U @ 2.30GHz	4021	1018	NA	NA
Intel Core i5-6260U @ 1.80GHz	4362	956	8.41	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4962	840	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	879	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6089	681	NA	NA
Intel Core i5-6300U @ 2.40GHz	4371	952	NA	NA
Intel Core i5-6360U @ 2.00GHz	4880	853	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6400 @ 2.70GHz	6766	609	34.00	\$199.00
Intel Core i5-6400T @ 2.20GHz	5614	730	21.60	\$259.95*
Intel Core i5-6402P @ 2.80GHz	7115	578	37.45	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	662	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6798	605	NA	NA
Intel Core i5-6500 @ 3.20GHz	7248	566	40.27	\$179.99
Intel Core i5-6500T @ 2.50GHz	6289	657	41.93	\$149.99*
Intel Core i5-6500TE @ 2.30GHz	6579	630	31.33	\$209.99*
Intel Core i5-6600 @ 3.30GHz	7774	513	29.91	\$259.94*
Intel Core i5-6600K @ 3.50GHz	8064	482	30.65	\$263.11*
Intel Core i5-6600T @ 2.70GHz	7342	558	24.48	\$299.95
Intel Core i5-7200U @ 2.50GHz	4606	905	NA	NA
Intel Core i5-7260U @ 2.20GHz	5673	723	7.58	\$748.00
Intel Core i5-7267U @ 3.10GHz	4976	837	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	727	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6784	607	NA	NA
Intel Core i5-7300U @ 2.60GHz	5186	794	8.66	\$598.88
Intel Core i5-7360U @ 2.30GHz	5845	705	NA	NA
Intel Core i5-7400 @ 3.00GHz	7328	560	33.60	\$218.08
Intel Core i5-7400T @ 2.40GHz	6403	646	28.86	\$221.90
Intel Core i5-7440HQ @ 2.80GHz	7659	525	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	6262	659	25.05	\$250.00*
Intel Core i5-7500 @ 3.40GHz	8022	489	40.11	\$199.99
Intel Core i5-7500T @ 2.70GHz	7021	585	28.92	\$242.81
Intel Core i5-7600 @ 3.50GHz	8726	426	35.77	\$243.99
Intel Core i5-7600K @ 3.80GHz	9118	386	33.73	\$270.32
Intel Core i5-7600T @ 2.80GHz	8077	480	30.92	\$261.25
Intel Core i5-7640X @ 4.00GHz	9545	348	27.28	\$349.84
Intel Core i5-8200Y @ 1.30GHz	4206	986	14.46	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4141	1000	NA	NA
Intel Core i5-8250U @ 1.60GHz	7678	523	NA	NA
Intel Core i5-8259U @ 2.30GHz	11019	248	16.47	\$669.00
Intel Core i5-8265U @ 1.60GHz	8014	491	26.99	\$297.00*
Intel Core i5-8300H @ 2.30GHz	9496	351	37.98	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8946	409	NA	NA
Intel Core i5-8350U @ 1.70GHz	8242	462	27.75	\$297.00*
Intel Core i5-8365U @ 1.60GHz	8357	454	28.14	\$297.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8400 @ 2.80GHz	11643	232	58.51	\$199.00
Intel Core i5-8400H @ 2.50GHz	10138	292	40.55	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9545	347	43.59	\$219.00
Intel Core i5-8500 @ 3.00GHz	11923	226	42.03	\$283.71
Intel Core i5-8500B @ 3.00GHz	12756	200	66.44	\$192.00*
Intel Core i5-8500T @ 2.10GHz	10006	306	22.04	\$453.99*
Intel Core i5-8600 @ 3.10GHz	12651	206	45.64	\$277.21*
Intel Core i5-8600K @ 3.60GHz	12766	199	40.80	\$312.92*
Intel Core i5-8600T @ 2.30GHz	10875	256	31.06	\$350.12*
Intel Core i5-9300H @ 2.40GHz	9956	313	39.83	\$250.00*
Intel Core i5-9400 @ 2.90GHz	12030	223	61.70	\$194.99
Intel Core i5-9400F @ 2.90GHz	12160	220	81.08	\$149.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-9500 @ 3.00GHz	12673	205	62.74	\$202.00*
Intel Core i5-9500T @ 2.20GHz	11211	239	58.39	\$192.00*
Intel Core i5-9600K @ 3.70GHz	13506	186	58.73	\$229.99
Intel Core i5-9600KF @ 3.70GHz	13921	165	55.69	\$249.99
Intel Core i5-24050S @ 2.50GHz	4928	846	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3750	1085	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1682	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1451	NA	NA
Intel Core i7-620LM @ 2.00GHz	1949	1691	NA	NA
Intel Core i7-620M @ 2.67GHz	2721	1395	24.74	\$110.01
Intel Core i7-620UM @ 1.07GHz	1323	2003	NA	NA
Intel Core i7-640LM @ 2.13GHz	2254	1566	NA	NA
Intel Core i7-640M @ 2.80GHz	2829	1356	14.15	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1651	1849	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1789	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1810	NA	NA
Intel Core i7-720QM @ 1.60GHz	3010	1293	27.38	\$109.95
Intel Core i7-740QM @ 1.73GHz	3191	1231	19.96	\$159.95*
Intel Core i7-820QM @ 1.73GHz	3226	1220	13.44	\$239.95*
Intel Core i7-840QM @ 1.87GHz	3410	1167	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	4999	832	33.33	\$149.99*
Intel Core i7-860S @ 2.53GHz	4711	882	23.56	\$199.99*
Intel Core i7-870 @ 2.93GHz	5324	775	60.52	\$87.99
Intel Core i7-870S @ 2.67GHz	4849	863	NA	NA
Intel Core i7-875K @ 2.93GHz	5412	755	13.53	\$399.99*
Intel Core i7-880 @ 3.07GHz	5522	742	9.47	\$583.00*
Intel Core i7-920 @ 2.67GHz	4916	849	126.07	\$39.00
Intel Core i7-920XM @ 2.00GHz	3727	1091	11.07	\$336.77*
Intel Core i7-930 @ 2.80GHz	5135	800	39.51	\$129.99*
Intel Core i7-940 @ 2.93GHz	5336	773	51.32	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3966	1033	NA	NA
Intel Core i7-950 @ 3.07GHz	5541	738	26.52	\$209.00*
Intel Core i7-960 @ 3.20GHz	5801	707	22.08	\$262.73
Intel Core i7-965 @ 3.20GHz	5856	700	41.83	\$139.99*
Intel Core i7-970 @ 3.20GHz	8351	457	16.71	\$499.95*
Intel Core i7-975 @ 3.33GHz	6121	675	14.76	\$414.90
Intel Core i7-980 @ 3.33GHz	8643	436	43.22	\$199.98*
Intel Core i7-980X @ 3.33GHz	8744	424	9.61	\$909.99
Intel Core i7-985 @ 3.47GHz	6641	625	NA	NA
Intel Core i7-990X @ 3.47GHz	9053	393	25.87	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	326	NA	NA
Intel Core i7-2600 @ 3.40GHz	8186	470	50.51	\$162.10
Intel Core i7-2600K @ 3.40GHz	8423	448	47.06	\$179.00
Intel Core i7-2600S @ 2.80GHz	7089	579	53.29	\$133.04*
Intel Core i7-2610UE @ 1.50GHz	2481	1479	NA	NA
Intel Core i7-2617M @ 1.50GHz	2824	1359	NA	NA
Intel Core i7-2620M @ 2.70GHz	3841	1057	22.63	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5525	741	24.03	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1436	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2635QM @ 2.00GHz	5468	750	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2637M @ 1.70GHz	2910	1329	NA	NA
Intel Core i7-2640M @ 2.80GHz	3921	1046	26.01	\$150.78*
Intel Core i7-2655LE @ 2.20GHz	3196	1229	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5881	699	42.31	\$139.00
Intel Core i7-2675QM @ 2.20GHz	5531	740	NA	NA
Intel Core i7-2677M @ 1.80GHz	2826	1357	NA	NA
Intel Core i7-2700K @ 3.50GHz	8686	433	26.65	\$325.90
Intel Core i7-2710QE @ 2.10GHz	5768	711	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	766	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6116	677	19.80	\$309.00*
Intel Core i7-2760QM @ 2.40GHz	6561	631	31.25	\$209.95*
Intel Core i7-2820QM @ 2.30GHz	6643	624	26.46	\$251.04*
Intel Core i7-2840QM @ 2.40GHz	6766	610	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6963	588	12.87	\$541.00*
Intel Core i7-2920XM @ 2.50GHz	7043	584	15.99	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	569	17.62	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3583	1123	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3350	1188	NA	NA
Intel Core i7-3520M @ 2.90GHz	4544	920	19.34	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3845	1056	NA	NA
Intel Core i7-3540M @ 3.00GHz	4662	890	10.84	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1032	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	632	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7459	538	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	619	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6817	604	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	539	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7384	552	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7581	529	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6932	596	29.12	\$238.05*
Intel Core i7-3635QM @ 2.40GHz	6669	621	NA	NA
Intel Core i7-3667U @ 2.00GHz	3995	1025	NA	NA
Intel Core i7-3687U @ 2.10GHz	4181	992	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1223	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8120	479	22.37	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	8322	459	34.69	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9280	371	46.83	\$198.18
Intel Core i7-3770K @ 3.50GHz	9507	350	30.67	\$310.00
Intel Core i7-3770S @ 3.10GHz	8892	412	28.02	\$317.42*
Intel Core i7-3770T @ 2.50GHz	8208	467	24.87	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8990	403	47.57	\$189.00*
Intel Core i7-3820QM @ 2.70GHz	8406	449	29.50	\$285.00*
Intel Core i7-3840QM @ 2.80GHz	8770	422	30.34	\$289.05*
Intel Core i7-3920XM @ 2.90GHz	9169	381	8.37	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11979	224	23.73	\$504.85
Intel Core i7-3940XM @ 3.00GHz	9276	372	17.21	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12584	207	13.83	\$909.78*
Intel Core i7-3970X @ 3.50GHz	12675	204	15.65	\$809.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4500U @ 1.80GHz	3791	1072	NA	NA
Intel Core i7-4510U @ 2.00GHz	3924	1045	NA	NA
Intel Core i7-4550U @ 1.50GHz	3699	1098	NA	NA
Intel Core i7-4558U @ 2.80GHz	4397	948	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	962	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	874	NA	NA
Intel Core i7-4600M @ 2.90GHz	4899	851	NA	NA
Intel Core i7-4600U @ 2.10GHz	4098	1007	NA	NA
Intel Core i7-4610M @ 3.00GHz	4909	850	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1087	NA	NA
Intel Core i7-4650U @ 1.70GHz	3959	1037	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	571	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7726	515	20.17	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7685	520	40.66	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7420	546	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7131	575	21.16	\$337.04*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4710HQ @ 2.50GHz	7722	517	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7984	494	29.40	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7523	533	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7219	570	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7995	493	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8067	481	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8194	468	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8735	425	NA	NA
Intel Core i7-4765T @ 2.00GHz	7307	562	18.27	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9779	332	40.91	\$239.07
Intel Core i7-4770HQ @ 2.20GHz	8948	408	NA	NA
Intel Core i7-4770K @ 3.50GHz	10076	302	28.79	\$350.00
Intel Core i7-4770R @ 3.20GHz	9822	324	NA	NA
Intel Core i7-4770S @ 3.10GHz	9349	365	37.40	\$249.99*
Intel Core i7-4770T @ 2.50GHz	8587	439	21.47	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	615	NA	NA
Intel Core i7-4771 @ 3.50GHz	9866	320	16.18	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7629	528	NA	NA
Intel Core i7-4790 @ 3.60GHz	9987	309	47.82	\$208.84
Intel Core i7-4790K @ 4.00GHz	11172	241	36.16	\$309.00
Intel Core i7-4790S @ 3.20GHz	9586	344	20.52	\$467.21
Intel Core i7-4790T @ 2.70GHz	9084	391	25.30	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8445	446	16.56	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8654	435	45.56	\$189.95
Intel Core i7-4820K @ 3.70GHz	9713	339	44.16	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9051	394	20.86	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7847	505	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9271	374	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9355	364	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8985	405	15.32	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9344	366	20.32	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13008	193	25.98	\$500.73*
Intel Core i7-4930MX @ 3.00GHz	9476	355	8.65	\$1,096.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4940MX @ 3.10GHz	9921	315	13.97	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9828	323	15.78	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13795	172	17.92	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10270	285	NA	NA
Intel Core i7-5500U @ 2.40GHz	3975	1030	NA	NA
Intel Core i7-5550U @ 2.00GHz	3686	1103	NA	NA
Intel Core i7-5557U @ 3.10GHz	4947	843	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4317	967	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	982	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	471	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	463	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8353	456	NA	NA
Intel Core i7-5775C @ 3.30GHz	10976	251	15.99	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10868	257	NA	NA
Intel Core i7-5820K @ 3.30GHz	12979	194	44.91	\$289.00
Intel Core i7-5850EQ @ 2.70GHz	9817	325	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	357	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13625	179	15.45	\$881.89*
Intel Core i7-5950HQ @ 2.90GHz	10850	258	NA	NA
Intel Core i7-5960X @ 3.00GHz	15942	119	16.61	\$959.99
Intel Core i7-6498DU @ 2.50GHz	4538	922	NA	NA
Intel Core i7-6500U @ 2.50GHz	4429	944	11.27	\$393.00*
Intel Core i7-6560U @ 2.20GHz	4811	865	NA	NA
Intel Core i7-6567U @ 3.30GHz	5607	732	NA	NA
Intel Core i7-6600U @ 2.60GHz	4804	868	NA	NA
Intel Core i7-6650U @ 2.20GHz	4969	839	NA	NA
Intel Core i7-6700 @ 3.40GHz	10004	307	37.06	\$269.99
Intel Core i7-6700HQ @ 2.60GHz	8131	475	21.51	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11108	242	28.56	\$389.00
Intel Core i7-6700T @ 2.80GHz	9016	399	30.06	\$300.00*
Intel Core i7-6700TE @ 2.40GHz	8674	434	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6770HQ @ 2.60GHz	9727	337	9.71	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13568	181	29.96	\$452.84
Intel Core i7-6820EQ @ 2.80GHz	8563	440	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9120	385	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8765	423	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	642	NA	NA
Intel Core i7-6850K @ 3.60GHz	14371	153	21.74	\$660.95
Intel Core i7-6900K @ 3.20GHz	17654	84	19.77	\$892.83
Intel Core i7-6920HQ @ 2.90GHz	9562	346	16.83	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19936	53	12.67	\$1,573.54
Intel Core i7-7500U @ 2.70GHz	5153	797	NA	NA
Intel Core i7-7560U @ 2.40GHz	5846	704	NA	NA
Intel Core i7-7567U @ 3.50GHz	6490	637	NA	NA
Intel Core i7-7600U @ 2.80GHz	5101	805	NA	NA
Intel Core i7-7660U @ 2.50GHz	6006	687	NA	NA
Intel Core i7-7700 @ 3.60GHz	10730	260	31.87	\$336.67
Intel Core i7-7700HQ @ 2.80GHz	8805	420	NA	NA
Intel Core i7-7700K @ 4.20GHz	12033	222	32.98	\$364.90
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7700T @ 2.90GHz	9274	373	25.41	\$365.00
Intel Core i7-7740X @ 4.30GHz	12290	215	37.82	\$324.95
Intel Core i7-7800X @ 3.50GHz	14627	147	36.66	\$398.99
Intel Core i7-7820HK @ 2.90GHz	9991	308	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9246	375	24.46	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18483	74	29.63	\$623.88*
Intel Core i7-7900X @ 3.30GHz	20406	49	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9986	310	NA	NA
Intel Core i7-8086K @ 4.00GHz	16686	96	30.18	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	4082	1010	10.39	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8295	460	NA	NA
Intel Core i7-8559U @ 2.70GHz	12378	210	NA	NA
Intel Core i7-8565U @ 1.80GHz	8995	401	NA	NA
Intel Core i7-8650U @ 1.90GHz	8792	421	NA	NA
Intel Core i7-8665U @ 1.90GHz	9013	400	22.04	\$409.00*
Intel Core i7-8700 @ 3.20GHz	15160	134	50.54	\$299.99
Intel Core i7-8700B @ 3.20GHz	14633	146	48.30	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15961	118	44.96	\$354.99
Intel Core i7-8700T @ 2.40GHz	12708	202	35.04	\$362.68
Intel Core i7-8705G @ 3.10GHz	9891	319	7.02	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10439	276	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	331	NA	NA
Intel Core i7-8750H @ 2.20GHz	12471	209	31.57	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11029	246	NA	NA
Intel Core i7-8850H @ 2.60GHz	13078	192	33.11	\$395.00*
Intel Core i7-9700F @ 3.00GHz	16811	94	50.18	\$335.00*
Intel Core i7-9700K @ 3.60GHz	17171	89	42.19	\$406.99
Intel Core i7-9700KF @ 3.60GHz	17326	86	41.98	\$412.76
Intel Core i7-9750H @ 2.60GHz	13732	174	NA	NA
Intel Core i7-9800X @ 3.80GHz	19767	57	28.99	\$681.86
Intel Core i9-7900X @ 3.30GHz	21906	35	23.06	\$949.99
Intel Core i9-7920X @ 2.90GHz	23386	26	24.11	\$969.99
Intel Core i9-7940X @ 3.10GHz	25395	16	19.53	\$1,299.99
Intel Core i9-7960X @ 2.80GHz	25974	12	18.55	\$1,399.99*
Intel Core i9-7980XE @ 2.60GHz	27854	7	15.37	\$1,812.69
Intel Core i9-8950HK @ 2.90GHz	14333	155	24.59	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21672	39	25.80	\$839.99
Intel Core i9-9880H @ 2.30GHz	17857	81	32.12	\$556.00*
Intel Core i9-9900K @ 3.60GHz	20208	52	41.67	\$484.99
Intel Core i9-9900KF @ 3.60GHz	20325	50	42.35	\$479.99
Intel Core i9-9900X @ 3.50GHz	23022	28	23.02	\$999.90
Intel Core i9-9920X @ 3.50GHz	25784	13	21.51	\$1,199.00
Intel Core i9-9940X @ 3.30GHz	27272	9	19.49	\$1,399.00
Intel Core i9-9960X @ 3.10GHz	28735	5	16.91	\$1,699.00
Intel Core i9-9980XE @ 3.00GHz	29473	2	14.74	\$1,999.00
Intel Core m3-6Y30 @ 0.90GHz	3051	1281	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	3553	1131	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1194	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3562	1129	12.68	\$281.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core m5-6Y54 @ 1.10GHz	3377	1181	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3248	1213	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3467	1156	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2702	1399	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1510	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2816	1361	10.02	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1354	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2483	1478	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3018	1289	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2975	1304	10.59	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2581	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2574	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2491	NA	NA
Intel Core Solo U1300 @ 1.06GHz	273	2734	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2728	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2649	NA	NA
Intel E3000 @ 3.40GHz	2767	1376	NA	NA
Intel Pentium 4 1.40GHz	164	2835	NA	NA
Intel Pentium 4 1.50GHz	131	2852	NA	NA
Intel Pentium 4 1.60GHz	129	2854	NA	NA
Intel Pentium 4 1.70GHz	132	2851	NA	NA
Intel Pentium 4 1.80GHz	161	2838	NA	NA
Intel Pentium 4 1.90GHz	159	2839	NA	NA
Intel Pentium 4 2.00GHz	189	2817	NA	NA
Intel Pentium 4 2.20GHz	209	2799	NA	NA
Intel Pentium 4 2.26GHz	221	2787	NA	NA
Intel Pentium 4 2.40GHz	228	2780	NA	NA
Intel Pentium 4 2.50GHz	245	2765	NA	NA
Intel Pentium 4 2.53GHz	248	2761	NA	NA
Intel Pentium 4 2.60GHz	288	2707	NA	NA
Intel Pentium 4 2.66GHz	254	2753	NA	NA
Intel Pentium 4 2.80GHz	322	2655	NA	NA
Intel Pentium 4 2.93GHz	299	2689	NA	NA
Intel Pentium 4 3.00GHz	353	2627	NA	NA
Intel Pentium 4 3.06GHz	346	2631	NA	NA
Intel Pentium 4 3.20GHz	373	2600	NA	NA
Intel Pentium 4 3.40GHz	395	2576	NA	NA
Intel Pentium 4 3.46GHz	454	2509	NA	NA
Intel Pentium 4 3.60GHz	487	2472	NA	NA
Intel Pentium 4 3.73GHz	486	2473	NA	NA
Intel Pentium 4 3.80GHz	485	2475	NA	NA
Intel Pentium 4 3.83GHz	195	2812	NA	NA
Intel Pentium 4 4.00GHz	184	2822	NA	NA
Intel Pentium 4 1300MHz	119	2858	NA	NA
Intel Pentium 4 1400MHz	127	2855	NA	NA
Intel Pentium 4 1500MHz	125	2856	NA	NA
Intel Pentium 4 1600MHz	193	2816	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2842	NA	NA
Intel Pentium 4 1800MHz	162	2837	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 1.40GHz	149	2845	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2811	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2828	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2800	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2831	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2798	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2807	NA	NA
Intel Pentium 5 2.66GHz	705	2350	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2136	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1156	2104	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 977 @ 1.40GHz	1148	2108	NA	NA
Intel Pentium 987 @ 1.50GHz	1230	2061	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	1963	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1387	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1290	NA	NA
Intel Pentium 2020M @ 2.40GHz	2273	1557	16.96	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2410	1499	17.99	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1654	1847	12.35	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1820	1761	13.58	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2158	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2270	1560	NA	NA
Intel Pentium 3556U @ 1.70GHz	1696	1820	NA	NA
Intel Pentium 3558U @ 1.70GHz	1681	1828	NA	NA
Intel Pentium 3560M @ 2.40GHz	2270	1559	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2040	NA	NA
Intel Pentium 3805U @ 1.90GHz	1980	1675	NA	NA
Intel Pentium 3825U @ 1.90GHz	2519	1462	NA	NA
Intel Pentium 4405U @ 2.10GHz	2931	1321	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1644	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2047	1648	12.72	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3145	1253	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2229	1577	13.85	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3359	1185	20.87	\$161.00*
Intel Pentium 5405U @ 2.30GHz	3177	1235	19.74	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1873	NA	NA
Intel Pentium B940 @ 2.00GHz	1727	1798	57.69	\$29.94*
Intel Pentium B950 @ 2.10GHz	1718	1804	NA	NA
Intel Pentium B960 @ 2.20GHz	1853	1742	37.83	\$48.99*
Intel Pentium B970 @ 2.30GHz	1957	1686	38.40	\$50.99*
Intel Pentium B980 @ 2.40GHz	2027	1655	28.98	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1068	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	529	2439	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2382	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2410	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2346	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2334	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2305	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2272	5.51	\$157.95*
Intel Pentium E2160 @ 1.80GHz	997	2194	8.49	\$117.50
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E2180 @ 2.00GHz	1088	2140	36.29	\$29.99
Intel Pentium E2200 @ 2.20GHz	1203	2074	16.05	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2089	NA	NA
Intel Pentium E2220 @ 2.40GHz	1329	2000	8.42	\$157.95*
Intel Pentium E5200 @ 2.50GHz	1487	1927	16.53	\$89.95*
Intel Pentium E5300 @ 2.60GHz	1538	1899	66.91	\$22.99
Intel Pentium E5400 @ 2.70GHz	1599	1877	80.01	\$19.99*
Intel Pentium E5500 @ 2.80GHz	1638	1856	82.11	\$19.95*
Intel Pentium E5700 @ 3.00GHz	1736	1794	115.86	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1893	1722	63.13	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1705	1814	165.54	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1763	1777	11.16	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1863	1739	18.64	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1933	1699	113.80	\$16.99*
Intel Pentium E6800 @ 3.33GHz	1988	1673	22.34	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2257	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2219	NA	NA
Intel Pentium G620 @ 2.60GHz	2292	1544	91.75	\$24.99*
Intel Pentium G620T @ 2.20GHz	2028	1653	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2371	1515	23.72	\$100.00
Intel Pentium G630T @ 2.30GHz	2089	1631	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2522	1460	16.82	\$150.00
Intel Pentium G640T @ 2.40GHz	1979	1676	NA	NA
Intel Pentium G645 @ 2.90GHz	2590	1434	16.19	\$160.00*
Intel Pentium G645T @ 2.50GHz	2293	1543	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G840 @ 2.80GHz	2561	1446	73.21	\$34.99*
Intel Pentium G850 @ 2.90GHz	2666	1410	22.45	\$118.77
Intel Pentium G860 @ 3.00GHz	2741	1389	33.03	\$82.99
Intel Pentium G870 @ 3.10GHz	2814	1363	29.01	\$97.00
Intel Pentium G2010 @ 2.80GHz	2594	1432	74.36	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2756	1384	45.98	\$59.95
Intel Pentium G2020T @ 2.50GHz	2418	1496	50.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2869	1346	71.75	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2487	1475	38.86	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1381	NA	NA
Intel Pentium G2120 @ 3.10GHz	3080	1271	19.31	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3204	1225	64.10	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3384	1177	67.71	\$49.99*
Intel Pentium G3220 @ 3.00GHz	3126	1255	27.51	\$113.66
Intel Pentium G3220T @ 2.60GHz	2573	1442	36.76	\$69.99*
Intel Pentium G3240 @ 3.10GHz	3157	1249	28.82	\$109.56
Intel Pentium G3240T @ 2.70GHz	2840	1350	NA	NA
Intel Pentium G3250 @ 3.20GHz	3246	1215	29.52	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2971	1307	33.02	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3871	1050	20.57	\$188.28
Intel Pentium G3260 @ 3.30GHz	3359	1184	24.00	\$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1322	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1507	NA	NA
Intel Pentium G3420 @ 3.20GHz	3397	1171	25.46	\$133.43*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3420T @ 2.70GHz	3008	1294	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1173	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3314	1195	20.72	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1263	NA	NA
Intel Pentium G3450 @ 3.40GHz	3700	1096	37.01	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1310	NA	NA
Intel Pentium G3460 @ 3.50GHz	3582	1124	12.43	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3704	1095	35.53	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3544	1135	36.97	\$95.88
Intel Pentium G4400T @ 2.90GHz	3176	1236	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1344	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3799	1071	30.24	\$125.64*
Intel Pentium G4500T @ 3.00GHz	3471	1153	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	990	40.24	\$103.99*
Intel Pentium G4560 @ 3.50GHz	4865	858	52.97	\$91.85
Intel Pentium G4560T @ 2.90GHz	3990	1027	36.28	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5076	811	21.16	\$239.95
Intel Pentium G4600T @ 3.00GHz	4266	974	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5210	788	45.84	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1859	1740	46.49	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1608	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2059	1645	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5199	791	69.33	\$74.99
Intel Pentium Gold G5400T @ 3.10GHz	5048	820	78.89	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5220	787	43.87	\$119.00
Intel Pentium Gold G5500T @ 3.20GHz	4346	959	57.95	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5660	725	52.05	\$108.75*
Intel Pentium III 933S @ 933MHz	238	2774	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2712	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2727	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2672	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2692	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2688	NA	NA
Intel Pentium III Mobile 750MHz	103	2861	NA	NA
Intel Pentium III Mobile 800MHz	182	2825	NA	NA
Intel Pentium III Mobile 866MHz	152	2843	NA	NA
Intel Pentium III Mobile 933MHz	218	2789	7.55	\$28.99*
Intel Pentium III Mobile 1000MHz	245	2764	NA	NA
Intel Pentium III Mobile 1066MHz	246	2763	NA	NA
Intel Pentium III Mobile 1133MHz	251	2757	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III Mobile 1200MHz	240	2771	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1752	NA	NA
Intel Pentium J2900 @ 2.41GHz	1956	1687	NA	NA
Intel Pentium J3710 @ 1.60GHz	1918	1707	NA	NA
Intel Pentium J4205 @ 1.50GHz	2257	1564	NA	NA
Intel Pentium M 1.10GHz	282	2718	NA	NA
Intel Pentium M 1.20GHz	298	2690	NA	NA
Intel Pentium M 1.30GHz	301	2682	NA	NA
Intel Pentium M 1.40GHz	345	2634	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1.50GHz	367	2610	NA	NA
Intel Pentium M 1.60GHz	364	2614	NA	NA
Intel Pentium M 1.70GHz	406	2558	NA	NA
Intel Pentium M 1.73GHz	413	2549	NA	NA
Intel Pentium M 1.80GHz	411	2551	NA	NA
Intel Pentium M 1.86GHz	439	2526	NA	NA
Intel Pentium M 2.00GHz	461	2501	NA	NA
Intel Pentium M 2.10GHz	448	2514	NA	NA
Intel Pentium M 2.13GHz	505	2461	NA	NA
Intel Pentium M 2.26GHz	509	2457	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2480	NA	NA
Intel Pentium M 900MHz	217	2792	NA	NA
Intel Pentium M 1000MHz	233	2777	NA	NA
Intel Pentium M 1100MHz	259	2749	NA	NA
Intel Pentium M 1200MHz	237	2775	NA	NA
Intel Pentium M 1300MHz	303	2676	NA	NA
Intel Pentium M 1400MHz	320	2657	NA	NA
Intel Pentium M 1500MHz	354	2624	NA	NA
Intel Pentium M 1600MHz	335	2645	NA	NA
Intel Pentium M 1700MHz	376	2596	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1909	NA	NA
Intel Pentium N3520 @ 2.16GHz	1789	1770	NA	NA
Intel Pentium N3530 @ 2.16GHz	1894	1720	NA	NA
Intel Pentium N3540 @ 2.16GHz	1925	1702	7.68	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1831	1755	4.12	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1864	1738	NA	NA
Intel Pentium N4200 @ 1.10GHz	2027	1654	9.85	\$205.81
Intel Pentium P6000 @ 1.87GHz	1243	2055	NA	NA
Intel Pentium P6100 @ 2.00GHz	1325	2002	46.61	\$28.44
Intel Pentium P6200 @ 2.13GHz	1349	1990	30.03	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1972	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2906	1334	13.22	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2433	1490	15.12	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2559	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2282	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2287	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2370	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2352	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2347	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2336	NA	NA
Intel Pentium T2330 @ 1.60GHz	830	2293	NA	NA
Intel Pentium T2370 @ 1.73GHz	844	2286	24.14	\$35.00*
Intel Pentium T2390 @ 1.86GHz	946	2235	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2207	NA	NA
Intel Pentium T3200 @ 2.00GHz	1033	2170	86.14	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1113	2122	12.38	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1151	2106	95.94	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1232	2059	NA	NA
Intel Pentium T4400 @ 2.20GHz	1283	2030	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T4500 @ 2.30GHz	1334	1998	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2300	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2228	NA	NA
Intel T1200 @ 1.50GHz	435	2532	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel T1400 @ 1.73GHz	929	2242	NA	NA
Intel T1500 @ 1.86GHz	953	2227	NA	NA
Intel T2050 @ 2.00GHz	959	2222	NA	NA
Intel Xeon 2.00GHz	233	2776	NA	NA
Intel XEON 2.20GHz	252	2755	NA	NA
Intel Xeon 2.40GHz	276	2730	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2531	NA	NA
Intel Xeon 2.80GHz	400	2571	NA	NA
Intel Xeon 3.00GHz	391	2584	NA	NA
Intel Xeon 3.06GHz	491	2467	NA	NA
Intel Xeon 3.20GHz	461	2502	NA	NA
Intel Xeon 3.40GHz	478	2484	NA	NA
Intel Xeon 3.60GHz	509	2456	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2166	NA	NA
Intel Xeon 3.80GHz	604	2399	0.71	\$851.00*
Intel Xeon 1500MHz	193	2815	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	2029	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2012	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1910	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1907	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1772	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1750	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1889	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2149	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	2053	0.77	\$1,619.99
Intel Xeon 5130 @ 2.00GHz	1366	1978	43.44	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1878	NA	NA
Intel Xeon 5140 @ 2.33GHz	1644	1850	35.00	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1884	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1752	1784	12.52	\$139.95*
Intel Xeon 5160 @ 3.00GHz	1963	1685	52.38	\$37.49*
Intel Xeon @ 2.20GHz	1902	1715	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5664	724	23.80	\$237.99
Intel Xeon Bronze 3106 @ 1.70GHz	6890	599	20.88	\$329.99
Intel Xeon D-1518 @ 2.20GHz	5322	776	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	713	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	587	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	466	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	336	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	514	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	268	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11102	243	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	264	19.24	\$555.00*
Intel Xeon D-1559 @ 1.50GHz	8055	483	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	151	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1587 @ 1.70GHz	14049	162	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	474	38.22	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	196	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	171	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18627	71	10.56	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6089	680	110.74	\$54.99
Intel Xeon E3-1220 V2 @ 3.10GHz	6706	620	20.38	\$329.11
Intel Xeon E3-1220 v3 @ 3.10GHz	7150	573	17.44	\$409.95
Intel Xeon E3-1220 v5 @ 3.00GHz	7787	512	29.23	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7859	500	39.49	\$199.00
Intel Xeon E3-1220L @ 2.20GHz	3563	1128	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	945	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1624	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5889	697	17.22	\$341.99
Intel Xeon E3-1225 V2 @ 3.20GHz	6933	595	13.73	\$504.97
Intel Xeon E3-1225 v3 @ 3.20GHz	7243	567	24.98	\$289.99*
Intel Xeon E3-1225 v5 @ 3.30GHz	7820	507	29.18	\$268.04*
Intel Xeon E3-1225 v6 @ 3.30GHz	8156	472	34.71	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7562	531	12.71	\$595.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1230 @ 3.20GHz	7848	504	37.55	\$209.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8853	418	25.15	\$352.10
Intel Xeon E3-1230 v3 @ 3.30GHz	9324	368	49.07	\$190.03*
Intel Xeon E3-1230 v5 @ 3.40GHz	9786	329	34.95	\$279.99
Intel Xeon E3-1230 v6 @ 3.50GHz	9847	322	37.88	\$259.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	568	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9623	343	18.87	\$509.95
Intel Xeon E3-1235 @ 3.20GHz	7680	521	31.48	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	639	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7962	496	32.63	\$244.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9136	382	16.92	\$539.95
Intel Xeon E3-1240 v3 @ 3.40GHz	9662	342	25.14	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10374	279	30.36	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10377	278	36.02	\$288.14
Intel Xeon E3-1240L v3 @ 2.00GHz	7513	534	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	511	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10018	304	16.50	\$607.09
Intel Xeon E3-1245 @ 3.30GHz	7997	492	31.36	\$255.00*
Intel Xeon E3-1245 V2 @ 3.40GHz	9127	384	15.21	\$600.00
Intel Xeon E3-1245 v3 @ 3.40GHz	9570	345	30.97	\$309.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10181	290	29.48	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10543	269	34.01	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9856	321	24.10	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6534	634	76.32	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	286	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	6038	685	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7403	550	24.27	\$305.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9216	377	12.98	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	392	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	503	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	429	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	464	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9471	356	33.56	\$282.22
Intel Xeon E3-1270 v3 @ 3.50GHz	9916	316	26.80	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10309	282	13.57	\$759.99
Intel Xeon E3-1270 v6 @ 3.80GHz	11184	240	33.03	\$338.61
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	263	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10093	298	11.37	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8215	465	27.03	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9446	361	23.93	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	9915	317	24.73	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10366	281	18.75	\$553.00*
Intel Xeon E3-1275 v6 @ 3.80GHz	11016	249	29.78	\$369.99
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	411	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10204	288	9.51	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8465	445	23.01	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9447	358	11.00	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9786	330	14.03	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	265	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11463	234	20.57	\$557.26*
Intel Xeon E3-1281 v3 @ 3.70GHz	10276	284	11.71	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	273	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	271	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	225	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	311	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	252	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	318	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	352	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	427	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	340	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	650	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8934	410	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9749	334	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10093	299	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1535M v5 @ 2.90GHz	9341	367	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10574	267	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10443	275	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10625	266	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	259	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	293	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	561	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	543	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5576	734	21.24	\$262.59*
Intel Xeon E5-1603 v3 @ 2.80GHz	6177	667	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6432	640	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5886	698	267.69	\$21.99*
Intel Xeon E5-1607 v2 @ 3.00GHz	6211	664	177.74	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	6961	589	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	565	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1620 @ 3.60GHz	9032	396	27.38	\$329.93*
Intel Xeon E5-1620 v2 @ 3.70GHz	9479	354	160.70	\$58.99*
Intel Xeon E5-1620 v3 @ 3.50GHz	9755	333	60.98	\$159.99
Intel Xeon E5-1620 v4 @ 3.50GHz	9925	314	37.04	\$267.99
Intel Xeon E5-1630 v3 @ 3.70GHz	10214	287	17.09	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10300	283	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11722	230	23.68	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12712	201	105.98	\$119.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13618	180	68.78	\$198.00
Intel Xeon E5-1650 v4 @ 3.60GHz	14219	158	22.43	\$633.99
Intel Xeon E5-1660 @ 3.30GHz	12361	211	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13830	170	7.65	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14613	148	9.04	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16172	113	13.15	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16222	109	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16431	102	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	91	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	77	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1141	23.65	\$149.00*
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1166	18.09	\$189.00*
Intel Xeon E5-2407 @ 2.20GHz	4188	989	12.50	\$335.00
Intel Xeon E5-2407 v2 @ 2.40GHz	4498	929	9.44	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	790	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	583	18.06	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8694	430	51.53	\$168.74*
Intel Xeon E5-2430 @ 2.20GHz	6878	601	67.35	\$102.12*
Intel Xeon E5-2430 v2 @ 2.50GHz	8991	402	89.91	\$100.00
Intel Xeon E5-2430L @ 2.00GHz	7269	564	225.19	\$32.28
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	626	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	380	70.61	\$130.00*
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	370	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	406	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10108	297	27.39	\$369.00
Intel Xeon E5-2450L @ 1.80GHz	8261	461	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	10061	303	110.05	\$91.43
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	197	85.58	\$149.99
Intel Xeon E5-2603 @ 1.80GHz	3580	1125	143.52	\$24.95*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1078	127.15	\$29.62*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	796	12.02	\$430.99*
Intel Xeon E5-2603 v4 @ 1.70GHz	5431	753	23.62	\$229.99
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	502	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4616	901	104.94	\$43.99
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	798	36.89	\$139.60
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	696	14.79	\$399.00*
Intel Xeon E5-2609 v4 @ 1.70GHz	6890	600	21.53	\$319.99
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	219	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	149	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7904	498	90.71	\$87.14
Intel Xeon E5-2620 v2 @ 2.10GHz	8687	432	250.73	\$34.65

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2620 v3 @ 2.40GHz	10011	305	22.94	\$436.47
Intel Xeon E5-2620 v4 @ 2.10GHz	11355	236	31.54	\$359.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	404	33.29	\$269.99
Intel Xeon E5-2623 v4 @ 2.60GHz	8444	447	15.38	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	362	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	213	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	191	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	247	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8860	417	92.30	\$95.99
Intel Xeon E5-2630 v2 @ 2.60GHz	10405	277	60.21	\$172.82
Intel Xeon E5-2630 v3 @ 2.40GHz	12801	198	42.67	\$300.03
Intel Xeon E5-2630 v4 @ 2.20GHz	13908	166	21.80	\$637.99
Intel Xeon E5-2630L @ 2.00GHz	7865	499	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	390	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	338	28.62	\$339.95*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	195	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9447	359	42.69	\$221.29
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	295	7.81	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10497	272	9.67	\$1,085.99
Intel Xeon E5-2640 @ 2.50GHz	9356	363	322.65	\$29.00
Intel Xeon E5-2640 v2 @ 2.00GHz	10143	291	43.11	\$235.27
Intel Xeon E5-2640 v3 @ 2.60GHz	13885	167	47.67	\$291.29*
Intel Xeon E5-2640 v4 @ 2.40GHz	15380	131	15.58	\$986.99
Intel Xeon E5-2643 @ 3.30GHz	8401	450	58.79	\$142.89
Intel Xeon E5-2643 v2 @ 3.50GHz	13107	190	119.16	\$110.00
Intel Xeon E5-2643 v3 @ 3.40GHz	13844	169	44.66	\$310.00
Intel Xeon E5-2643 v4 @ 3.40GHz	13655	176	8.22	\$1,660.61*
Intel Xeon E5-2648L @ 1.80GHz	7426	544	NA	NA
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	235	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	177	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	145	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10110	296	96.88	\$104.37*
Intel Xeon E5-2650 v2 @ 2.60GHz	13197	188	176.02	\$74.98
Intel Xeon E5-2650 v3 @ 2.30GHz	14844	142	34.13	\$435.00
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	124	13.22	\$1,199.99
Intel Xeon E5-2650L @ 1.80GHz	8332	458	105.47	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9732	335	129.77	\$75.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	185	11.37	\$1,188.14*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	161	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	237	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	353	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	168	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	108	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	95	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11060	245	107.40	\$102.99
Intel Xeon E5-2660 v2 @ 2.20GHz	13186	189	104.83	\$125.79
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	112	21.05	\$768.99
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	93	11.25	\$1,499.99*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	164	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2665 @ 2.40GHz	11525	233	102.92	\$111.99
Intel Xeon E5-2667 @ 2.90GHz	10372	280	197.57	\$52.50
Intel Xeon E5-2667 v2 @ 3.30GHz	16187	111	83.02	\$194.99
Intel Xeon E5-2667 v3 @ 3.20GHz	16215	110	18.96	\$855.30
Intel Xeon E5-2667 v4 @ 3.20GHz	16684	97	8.56	\$1,949.03
Intel Xeon E5-2670 @ 2.60GHz	12114	221	79.86	\$151.70
Intel Xeon E5-2670 v2 @ 2.50GHz	14995	138	81.06	\$184.99
Intel Xeon E5-2670 v3 @ 2.30GHz	16494	99	54.98	\$300.00
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	106	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16383	104	23.41	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	42	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15073	135	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	83	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2678 v3 @ 2.50GHz	17187	88	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	17	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12555	208	156.98	\$79.98
Intel Xeon E5-2680 v2 @ 2.80GHz	15888	123	69.08	\$229.99
Intel Xeon E5-2680 v3 @ 2.50GHz	18561	73	53.04	\$349.99
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	54	13.18	\$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	48	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17379	85	9.55	\$1,819.00*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	69	9.02	\$2,111.03
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	137	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	66	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	56	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14347	154	31.24	\$459.24
Intel Xeon E5-2687W v2 @ 3.40GHz	16477	100	40.29	\$409.00
Intel Xeon E5-2687W v3 @ 3.10GHz	17752	82	8.84	\$2,008.95
Intel Xeon E5-2687W v4 @ 3.00GHz	19855	55	9.13	\$2,174.99
Intel Xeon E5-2689 @ 2.60GHz	13526	182	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	58	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13524	183	97.30	\$139.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16433	101	27.90	\$588.99
Intel Xeon E5-2690 v3 @ 2.60GHz	19214	68	49.49	\$388.28
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	44	9.83	\$2,169.99
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	116	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15993	117	39.10	\$409.00
Intel Xeon E5-2695 v3 @ 2.30GHz	19673	60	19.48	\$1,009.99
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	51	7.70	\$2,629.42*
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	98	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	29	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	45	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17224	87	42.01	\$409.99
Intel Xeon E5-2697 v3 @ 2.60GHz	21430	43	42.02	\$509.99
Intel Xeon E5-2697 v4 @ 2.30GHz	21506	41	7.75	\$2,775.99
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	30	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21081	46	6.16	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	36	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	31	8.92	\$2,509.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	25	3.94	\$5,954.79
Intel Xeon E5-4603 @ 2.00GHz	5014	830	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	376	NA	NA
Intel Xeon E5-4617 @ 2.90GHz	9029	397	100.44	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	477	60.56	\$134.21*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	150	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	128	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	270	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	203	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	244	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11860	227	124.21	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	228	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	214	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	121	11.36	\$1,399.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	125	3.30	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	178	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1259	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2157	1601	93.86	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1493	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1572	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1961	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1494	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1562	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1546	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1465	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2920	1325	73.02	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2836	1353	48.08	\$59.00*
Intel Xeon E5410 @ 2.33GHz	3261	1207	15.61	\$208.95*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5420 @ 2.50GHz	3492	1148	13.44	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3761	1080	54.52	\$69.00*
Intel Xeon E5440 @ 2.83GHz	3965	1034	209.27	\$18.95*
Intel Xeon E5450 @ 3.00GHz	4189	988	14.01	\$298.94*
Intel Xeon E5462 @ 2.80GHz	3871	1051	141.82	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4088	1008	136.11	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	1974	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1381	1971	4.81	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2686	1405	38.41	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2975	1305	47.22	\$63.01*
Intel Xeon E5507 @ 2.27GHz	3125	1256	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4435	942	109.95	\$40.34
Intel Xeon E5530 @ 2.40GHz	4564	913	18.55	\$246.00
Intel Xeon E5540 @ 2.53GHz	4807	866	81.49	\$59.00
Intel Xeon E5603 @ 1.60GHz	2366	1518	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1280	13.95	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3380	1179	15.44	\$219.00*
Intel Xeon E5620 @ 2.40GHz	4802	871	81.42	\$58.99
Intel Xeon E5630 @ 2.53GHz	5083	808	145.25	\$35.00*
Intel Xeon E5640 @ 2.67GHz	5256	782	88.36	\$59.49*
Intel Xeon E5645 @ 2.40GHz	6424	643	59.49	\$107.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5649 @ 2.53GHz	6936	594	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1497	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	506	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9544	349	43.39	\$219.99
Intel Xeon E-2124G @ 3.40GHz	9788	328	39.47	\$247.99
Intel Xeon E-2126G @ 3.30GHz	13995	163	46.65	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10909	255	38.96	\$279.99
Intel Xeon E-2136 @ 3.30GHz	15908	120	50.35	\$315.99
Intel Xeon E-2144G @ 3.60GHz	11214	238	34.83	\$321.99
Intel Xeon E-2146G @ 3.50GHz	15896	122	44.78	\$354.99
Intel Xeon E-2174G @ 3.80GHz	12238	217	33.07	\$370.08
Intel Xeon E-2176G @ 3.70GHz	15576	127	37.09	\$419.99
Intel Xeon E-2176M @ 2.70GHz	13660	175	30.36	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	16057	115	30.59	\$524.99
Intel Xeon E-2186M @ 2.90GHz	14717	143	23.62	\$623.00*
Intel Xeon Gold 5118 @ 2.30GHz	16389	103	15.48	\$1,058.97
Intel Xeon Gold 5120 @ 2.20GHz	16308	107	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	78	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10978	250	8.64	\$1,269.99
Intel Xeon Gold 6126 @ 2.60GHz	19711	59	10.41	\$1,894.17
Intel Xeon Gold 6128 @ 3.40GHz	14941	140	8.13	\$1,837.99*
Intel Xeon Gold 6130 @ 2.10GHz	19277	65	9.89	\$1,949.99
Intel Xeon Gold 6132 @ 2.60GHz	23907	23	10.84	\$2,205.00*
Intel Xeon Gold 6134 @ 3.20GHz	18083	79	7.94	\$2,279.00
Intel Xeon Gold 6136 @ 3.00GHz	21061	47	7.87	\$2,676.31
Intel Xeon Gold 6138 @ 2.00GHz	25774	14	9.62	\$2,679.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	22	9.82	\$2,439.99
Intel Xeon Gold 6144 @ 3.50GHz	19654	63	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	18	6.31	\$3,982.51*
Intel Xeon Gold 6148 @ 2.40GHz	26660	10	9.08	\$2,935.00
Intel Xeon Gold 6152 @ 2.10GHz	23498	24	6.18	\$3,799.99
Intel Xeon Gold 6154 @ 3.00GHz	27722	8	7.37	\$3,759.89*
Intel Xeon Gold 6230 @ 2.10GHz	24600	19	12.36	\$1,989.67
Intel Xeon L3110 @ 3.00GHz	2273	1556	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1079	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1996	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	1058	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1759	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1558	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1553	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1607	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1385	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3037	1286	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5410 @ 2.33GHz	3370	1182	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3506	1147	127.51	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3723	1092	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1093	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	951	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	957	225.95	\$19.26*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5630 @ 2.13GHz	4369	953	67.22	\$65.00*
Intel Xeon L5638 @ 2.00GHz	5556	736	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	602	NA	NA
Intel Xeon L5640 @ 2.27GHz	6278	658	209.50	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1059	NA	NA
Intel Xeon MV 3.20GHz	683	2362	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26652	11	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	593	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	3	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	4	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	6	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	30583	1	3.51	\$8,725.00*
Intel Xeon Silver 4108 @ 1.80GHz	10722	261	23.83	\$449.99
Intel Xeon Silver 4109T @ 2.00GHz	10946	253	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11670	231	24.31	\$480.00
Intel Xeon Silver 4112 @ 2.60GHz	8611	438	16.75	\$513.99
Intel Xeon Silver 4114 @ 2.20GHz	14298	156	18.59	\$768.99
Intel Xeon Silver 4116 @ 2.10GHz	15397	130	14.66	\$1,049.99
Intel Xeon Silver 4123 @ 3.00GHz	15185	133	NA	NA
Intel Xeon W3503 @ 2.40GHz	1756	1781	108.28	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1844	1746	74.18	\$24.86*
Intel Xeon W3520 @ 2.67GHz	5057	817	105.36	\$48.00*
Intel Xeon W3530 @ 2.80GHz	5346	771	18.19	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	746	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5694	719	94.99	\$59.95*
Intel Xeon W3565 @ 3.20GHz	5939	692	84.91	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6062	683	12.63	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6366	652	29.68	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8121	478	16.24	\$499.99*
Intel Xeon W3680 @ 3.33GHz	9026	398	11.88	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9133	383	46.84	\$195.01*
Intel Xeon W5580 @ 3.20GHz	5836	706	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	665	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	6954	591	29.49	\$235.83*
Intel Xeon W-2104 @ 3.20GHz	7439	542	29.17	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10695	262	28.62	\$373.78
Intel Xeon W-2125 @ 4.00GHz	12344	212	24.54	\$503.10*
Intel Xeon W-2133 @ 3.60GHz	14190	159	23.00	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16322	105	18.01	\$906.28*
Intel Xeon W-2140B @ 3.20GHz	18610	72	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19657	62	16.48	\$1,192.99
Intel Xeon W-2150B @ 3.00GHz	21543	40	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21773	38	14.23	\$1,530.39*
Intel Xeon W-2175 @ 2.50GHz	24454	20	12.56	\$1,947.00*
Intel Xeon W-2195 @ 2.30GHz	24081	21	8.67	\$2,777.20*
Intel Xeon X3210 @ 2.13GHz	2739	1390	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1267	51.35	\$60.15
Intel Xeon X3230 @ 2.66GHz	3398	1170	9.44	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3309	1199	14.42	\$229.50*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3323 @ 2.50GHz	3167	1241	163.59	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3379	1180	16.09	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1065	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1055	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3942	1041	24.96	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3988	1028	117.00	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	972	11.70	\$367.02*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3380 @ 3.16GHz	4665	889	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3351	1187	202.73	\$16.53*
Intel Xeon X3440 @ 2.53GHz	4529	924	31.91	\$141.96*
Intel Xeon X3450 @ 2.67GHz	4751	878	59.43	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5014	829	14.05	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5114	803	46.78	\$109.34*
Intel Xeon X3480 @ 3.07GHz	5657	726	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1482	45.47	\$54.00*
Intel Xeon X5270 @ 3.50GHz	2553	1448	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1506	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3181	1233	10.27	\$309.95*
Intel Xeon X5365 @ 3.00GHz	3524	1140	35.42	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4112	1006	68.59	\$59.96
Intel Xeon X5460 @ 3.16GHz	4328	963	94.12	\$45.99*
Intel Xeon X5470 @ 3.33GHz	4585	910	24.26	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4014	1019	17.84	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4529	925	41.19	\$109.95
Intel Xeon X5492 @ 3.40GHz	4865	856	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5353	769	17.56	\$304.85*
Intel Xeon X5560 @ 2.80GHz	5399	761	158.85	\$33.99
Intel Xeon X5570 @ 2.93GHz	5679	721	63.81	\$89.00*
Intel Xeon X5647 @ 2.93GHz	5920	694	29.64	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7370	554	109.38	\$67.38
Intel Xeon X5660 @ 2.80GHz	7578	530	72.13	\$105.07*
Intel Xeon X5667 @ 3.07GHz	6291	656	79.63	\$79.00*
Intel Xeon X5670 @ 2.93GHz	7857	501	262.01	\$29.99
Intel Xeon X5672 @ 3.20GHz	6397	647	1.49	\$4,280.00*
Intel Xeon X5675 @ 3.07GHz	8154	473	135.93	\$59.99
Intel Xeon X5677 @ 3.47GHz	6951	592	182.55	\$38.08*
Intel Xeon X5679 @ 3.20GHz	8845	419	NA	NA
Intel Xeon X5680 @ 3.33GHz	8395	451	111.94	\$75.00
Intel Xeon X5687 @ 3.60GHz	7076	580	141.67	\$49.95
Intel Xeon X5690 @ 3.47GHz	8878	414	53.81	\$165.00
Intel Xeon X5698 @ 4.40GHz	4272	973	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1303	NA	NA
Mobile AMD Athlon 4	314	2666	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2621	NA	NA
Mobile AMD Athlon 64 2700+	398	2572	NA	NA
Mobile AMD Athlon 64 2800+	440	2523	NA	NA
Mobile AMD Athlon 64 3000+	450	2512	NA	NA
Mobile AMD Athlon 64 3200+	448	2515	NA	NA
Mobile AMD Athlon 64 3400+	511	2454	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon 64 3700+	435	2533	NA	NA
Mobile AMD Athlon 64 4000+	576	2415	NA	NA
Mobile AMD Athlon 1400+	266	2741	NA	NA
Mobile AMD Athlon 2500+	370	2605	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2742	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2594	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2696	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2465	NA	NA
Mobile AMD Athlon XP	572	2419	45.81	\$12.49
Mobile AMD Athlon XP-M	512	2453	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2823	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2745	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2747	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2653	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2691	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2638	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2684	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2615	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2633	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2630	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2604	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2613	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M 3000+	365	2612	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2524	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2471	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2458	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2703	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2694	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2644	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2602	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2487	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2460	NA	NA
Mobile AMD Sempron 2100+	252	2756	NA	NA
Mobile AMD Sempron 2600+	394	2579	NA	NA
Mobile AMD Sempron 2800+	361	2618	NA	NA
Mobile AMD Sempron 3000+	389	2588	NA	NA
Mobile AMD Sempron 3100+	416	2546	NA	NA
Mobile AMD Sempron 3200+	354	2625	NA	NA
Mobile AMD Sempron 3300+	445	2517	NA	NA
Mobile AMD Sempron 3400+	441	2522	NA	NA
Mobile AMD Sempron 3500+	408	2555	NA	NA
Mobile AMD Sempron 3600+	427	2541	NA	NA
Mobile AMD Sempron 3800+	485	2476	NA	NA
Mobile Intel Celeron 1.20GHz	170	2834	NA	NA
Mobile Intel Celeron 1.50GHz	188	2818	NA	NA
Mobile Intel Celeron 1.60GHz	188	2819	NA	NA
Mobile Intel Celeron 1.70GHz	181	2827	NA	NA
Mobile Intel Celeron 1.80GHz	186	2821	NA	NA
Mobile Intel Celeron 2.00GHz	204	2803	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	2783	NA	NA
Mobile Intel Celeron 2.40GHz	239	2772	NA	NA
Mobile Intel Celeron 2.50GHz	281	2721	NA	NA
Mobile Intel Celeron 1200MHz	294	2697	NA	NA
Mobile Intel Celeron 1333MHz	280	2724	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2729	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2744	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2726	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2664	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2641	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2622	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2525	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2485	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2813	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2833	0.97	\$178.99
Mobile Intel Pentium 4 - M 1.80GHz	175	2830	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2778	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2808	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2810	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2794	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2751	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2668	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2797	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2809	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2760	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2701	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2784	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2702	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1470	NA	NA
Quad-Core AMD Opteron 1385	3442	1162	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3446	1160	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1324	NA	NA
VIA C3 Ezra	100	2862	NA	NA
VIA C7 1500MHz	284	2713	NA	NA
VIA C7-D 1500MHz	287	2709	NA	NA
VIA C7-D 1800MHz	203	2805	NA	NA
VIA C7-D 2000MHz	368	2608	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA C7-M 1000MHz	164	2836	NA	NA
VIA C7-M 1200MHz	140	2849	NA	NA
VIA C7-M 1600MHz	178	2829	NA	NA
VIA C7-M 6300MHz	222	2786	NA	NA
VIA Eden 800MHz	155	2840	NA	NA
VIA Eden 1000MHz	123	2857	NA	NA
VIA Eden 1200MHz	142	2848	NA	NA
VIA Eden C1050@1.06GHz	352	2628	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2483	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	2110	NA	NA
VIA Esther 1000MHz	146	2847	NA	NA
VIA Esther 1300MHz	250	2758	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Esther 1500MHz	219	2788	NA	NA
VIA Esther 2000MHz	394	2578	NA	NA
VIA Nano L1900@1400MHz	457	2505	NA	NA
VIA Nano L2007@1600MHz	369	2606	NA	NA
VIA Nano L2100@1800MHz	428	2539	NA	NA
VIA Nano L2207@1600MHz	296	2693	NA	NA
VIA Nano L3025@1600MHz	517	2450	NA	NA
VIA Nano L3050@1800MHz	581	2412	NA	NA
VIA Nano L3600@2000MHz	645	2378	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2595	NA	NA
VIA Nano U2250@1300+MHz	274	2733	NA	NA
VIA Nano U2500@1200MHz	306	2675	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2462	NA	NA
VIA Nano U3300@1200MHz	409	2553	NA	NA
VIA Nano U3500@1000MHz	275	2731	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2397	NA	NA
VIA Nehemiah	155	2841	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1718	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1980	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2090	NA	NA
VIA Samuel 2	79	2864	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	299	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	130	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	402	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	408	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	453	NA	NA
[Dual CPU] AMD EPYC 7281	13293	181	9.31	\$1,427.98
[Dual CPU] AMD EPYC 7371	23933	68	NA	NA
[Dual CPU] AMD EPYC 7401	23518	69	6.15	\$3,821.64
[Dual CPU] AMD EPYC 7451	28957	36	5.77	\$5,022.16
[Dual CPU] AMD EPYC 7501	29003	35	4.14	\$6,997.44
[Dual CPU] AMD EPYC 7551	30966	24	4.35	\$7,119.12
[Dual CPU] AMD EPYC 7601	33545	17	3.89	\$8,625.02
[Dual CPU] AMD Opteron 246	1130	442	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	443	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	439	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	440	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	448	NA	NA
[Dual CPU] AMD Opteron 256	1853	436	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	434	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	430	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	433	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	425	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	415	NA	NA
[Dual CPU] AMD Opteron 290	2716	417	10.06	\$270.00*
[Dual CPU] AMD Opteron 885	2851	411	NA	NA
[Dual CPU] AMD Opteron 2212	2203	431	55.08	\$40.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2214	2344	426	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	423	NA	NA
[Dual CPU] AMD Opteron 2216	2485	422	50.10	\$49.60
[Dual CPU] AMD Opteron 2216 HE	2593	419	NA	NA
[Dual CPU] AMD Opteron 2218	2719	416	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	420	NA	NA
[Dual CPU] AMD Opteron 2220	2854	410	1.88	\$1,517.68*
[Dual CPU] AMD Opteron 2220 SE	2882	409	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	406	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	400	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	390	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	397	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	391	7.55	\$539.98*
[Dual CPU] AMD Opteron 2354	4554	379	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	382	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	361	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	388	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	375	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	362	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	360	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	347	63.93	\$90.00
[Dual CPU] AMD Opteron 2384	5914	344	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	334	NA	NA
[Dual CPU] AMD Opteron 2389	5677	349	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	364	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	335	NA	NA
[Dual CPU] AMD Opteron 2427	5907	345	29.83	\$198.00
[Dual CPU] AMD Opteron 2431	6438	328	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7068	314	18.70	\$378.00
[Dual CPU] AMD Opteron 2439 SE	8071	284	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	392	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	351	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	331	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	329	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7813	292	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	283	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	287	NA	NA
[Dual CPU] AMD Opteron 4234	9361	252	20.35	\$459.98*
[Dual CPU] AMD Opteron 4276 HE	9681	245	NA	NA
[Dual CPU] AMD Opteron 4280	4525	380	45.25	\$100.00
[Dual CPU] AMD Opteron 4284	9151	253	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9456	251	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	224	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	232	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	210	40.57	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	321	169.13	\$39.98
[Dual CPU] AMD Opteron 6128 HE	5582	354	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	268	NA	NA
[Dual CPU] AMD Opteron 6134	7586	301	86.22	\$87.98
[Dual CPU] AMD Opteron 6136	7255	308	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	367	NA	NA
[Dual CPU] AMD Opteron 6168	7741	296	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7621	300	19.24	\$396.00
[Dual CPU] AMD Opteron 6174	8056	286	40.69	\$198.00
[Dual CPU] AMD Opteron 6176 SE	8448	273	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	403	10.05	\$309.98*
[Dual CPU] AMD Opteron 6204	7134	310	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	262	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	219	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	235	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	226	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	10008	240	16.14	\$619.90
[Dual CPU] AMD Opteron 6274	10536	222	114.55	\$91.98
[Dual CPU] AMD Opteron 6275	10900	218	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6276	10194	234	30.16	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	199	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	275	13.47	\$619.96*
[Dual CPU] AMD Opteron 6320	10716	220	20.69	\$518.02
[Dual CPU] AMD Opteron 6328	11842	202	16.49	\$718.00
[Dual CPU] AMD Opteron 6344	11203	213	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	207	28.53	\$399.98*
[Dual CPU] AMD Opteron 6376	10405	225	80.04	\$130.00
[Dual CPU] AMD Opteron 6378	9145	254	11.46	\$798.00
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	167	73.20	\$193.98
[Dual CPU] AMD Opteron 6386 SE	12195	194	40.65	\$299.98*
[Dual CPU] AMD Opteron 8218	2831	412	64.34	\$44.00
[Dual CPU] AMD Opteron 8220	2510	421	50.22	\$49.98
[Dual CPU] AMD Opteron 8222 SE	2793	414	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	401	67.15	\$48.00
[Dual CPU] AMD Opteron 8380	5643	352	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	363	NA	NA
[Dual CPU] AMD Opteron 8389	6517	325	41.25	\$158.00
[Dual CPU] AMD Opteron 8431	5813	346	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	322	46.80	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	298	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	441	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	428	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	396	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	289	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	462	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	460	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	457	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	541	456	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	463	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	464	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	461	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	459	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	454	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	450	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	449	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	452	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	447	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	446	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	445	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	435	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	444	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2152	432	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	427	0.71	\$3,239.98
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	418	41.62	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	404	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2978	407	31.69	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	405	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3415	398	12.20	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3828	394	51.05	\$74.98*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8809	264	18.51	\$475.98
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11024	216	16.70	\$659.98
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	336	20.82	\$298.00*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	333	16.68	\$378.00*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	307	10.90	\$670.00
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	257	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11387	209	14.60	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	201	35.29	\$337.48*
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	277	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	173	66.77	\$204.24*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	169	68.82	\$200.00



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	208	176.43	\$64.56
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	189	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	184	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15063	157	20.41	\$738.00
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	140	20.24	\$818.00*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	204	45.06	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	139	90.85	\$182.86
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	124	61.91	\$299.98
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	332	127.05	\$49.90*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	324	110.06	\$59.24*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	274	9.71	\$861.98*
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8910	263	19.37	\$459.98
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8162	281	92.77	\$87.98
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8987	258	32.19	\$279.20
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	239	12.57	\$798.00*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	217	17.18	\$639.98
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12332	190	70.76	\$174.28
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13337	180	192.45	\$69.30
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15206	155	17.42	\$872.94
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16470	141	22.88	\$719.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14313	166	26.51	\$539.98
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	187	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	161	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13584	178	70.76	\$191.98
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15974	147	46.22	\$345.64
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18458	125	30.76	\$600.06
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18765	122	14.71	\$1,275.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	214	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	171	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	156	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	305	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15888	151	35.90	\$442.58
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16408	143	6.33	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16704	138	7.69	\$2,171.98
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14657	160	252.71	\$58.00
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14464	163	30.74	\$470.54
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19892	112	34.14	\$582.58*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20753	102	10.51	\$1,973.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13671	172	47.84	\$285.78
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20734	103	94.25	\$220.00
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21016	97	33.90	\$620.00
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	90	6.48	\$3,321.22*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	193	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	168	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	128	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	14948	158	71.61	\$208.74*
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	19059	120	127.09	\$149.96
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20262	107	23.29	\$870.00
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20576	106	8.57	\$2,399.98
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	164	91.04	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14506	162	96.71	\$150.00
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	98	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13634	174	4.66	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	121	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	116	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16327	144	79.26	\$205.98
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17809	129	70.79	\$251.58
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22577	82	14.68	\$1,537.98
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23225	76	7.74	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	78	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17131	134	76.48	\$223.98
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	60	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16940	135	161.33	\$105.00
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22571	83	57.88	\$389.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22661	80	13.25	\$1,710.60
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23172	77	5.94	\$3,898.06
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18165	127	59.87	\$303.40
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20699	104	55.95	\$369.98
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	86	37.29	\$600.00
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	72	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	75	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	31	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	110	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21063	95	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	29	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18186	126	113.69	\$159.96
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21478	91	46.69	\$459.98
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24513	64	35.02	\$699.98
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22584	81	7.48	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	136	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21159	94	5.82	\$3,638.00*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	59	5.92	\$4,222.06
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	87	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	49	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	38	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20883	99	22.74	\$918.48
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23305	74	28.49	\$818.00
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24157	66	6.01	\$4,017.90
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	50	6.13	\$4,349.98
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	111	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	53	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19309	117	69.46	\$278.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23491	70	19.94	\$1,177.98
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25396	56	32.70	\$776.56
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27291	48	6.29	\$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	101	25.50	\$818.00
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	61	12.30	\$2,019.98
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	63	4.69	\$5,258.84*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23483	71	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	28	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31807	22	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23321	73	28.44	\$819.98
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27477	45	26.94	\$1,019.98
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30631	27	5.52	\$5,551.98
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	41	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29093	34	4.25	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	26	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	20	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	67	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26333	51	5.25	\$5,018.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	16	2.86	\$11,909.58
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	105	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	114	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	150	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	118	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	113	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18712	123	97.98	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	159	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	221	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	84	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	46	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	195	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	153	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	85	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	198	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	16047	145	42.45	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	238	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	429	120.97	\$18.84*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	393	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3566	395	36.39	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4166	387	53.75	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	370	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	378	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5122	366	64.04	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5152	365	43.66	\$118.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6010	341	14.38	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6350	330	12.21	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6846	320	49.61	\$138.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7132	311	188.18	\$37.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7511	302	12.56	\$597.88*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7103	312	130.09	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7796	293	129.76	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	424	12.93	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	413	4.88	\$574.02*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4878	374	34.87	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4999	369	39.67	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	357	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7418	304	91.94	\$80.68
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	297	15.66	\$492.00
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	290	66.51	\$118.00
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	389	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5507	355	12.57	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5956	343	13.60	\$438.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8060	285	68.32	\$117.98
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8280	278	118.29	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8668	267	72.85	\$118.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10321	229	47.79	\$215.96*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10327	228	44.90	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	356	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	359	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	89	8.41	\$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	65	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	93	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22049	88	10.41	\$2,117.94
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	58	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17576	131	6.92	\$2,539.98
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	47	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	119	7.83	\$2,442.00*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27819	43	7.34	\$3,788.34
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22869	79	6.22	\$3,675.98*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	25702	55	6.59	\$3,899.98
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	44	6.24	\$4,410.00*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25308	57	5.55	\$4,558.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29596	32	5.53	\$5,352.62
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	42	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34192	15	6.38	\$5,359.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	19	6.68	\$4,879.98
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	37	4.70	\$6,139.98
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28594	39	4.89	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29885	30	3.75	\$7,965.02*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36813	8	6.27	\$5,870.00
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	23	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33530	18	4.41	\$7,599.98
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36932	7	4.91	\$7,519.78*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	381	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	385	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	372	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	353	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	338	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	327	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	340	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	371	11.00	\$448.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	318	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 L5520 @ 2.27GHz	6944	317	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	288	206.10	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7000	316	53.85	\$130.00*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	259	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	247	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9666	246	161.26	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	455	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	458	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	451	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	437	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	9	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	35823	11	2.32	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	33	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	5	3.33	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	12	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	10	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	6	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	3	3.26	\$12,604.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	148	17.75	\$899.98
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16434	142	17.12	\$960.00
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	177	13.24	\$1,027.98
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19397	115	12.61	\$1,537.98
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21018	96	10.01	\$2,099.98
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	109	19.96	\$1,002.00*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10079	236	47.08	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	227	2.06	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	231	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	376	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	377	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	373	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5753	348	9.28	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6203	337	31.17	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7447	303	62.10	\$119.92
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7834	291	85.17	\$91.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	282	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	294	17.28	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8193	280	37.26	\$219.90
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8682	266	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8934	261	14.65	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	255	133.63	\$67.98
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9533	250	53.56	\$178.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	242	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11294	212	83.81	\$134.76
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11595	205	55.18	\$210.14*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10279	230	65.06	\$158.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12253	192	204.28	\$59.98
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	237	1.18	\$8,560.00*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12505	186	104.23	\$119.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11305	211	148.44	\$76.16*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	176	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13549	179	90.33	\$150.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11940	200	119.52	\$99.90
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13754	170	41.68	\$330.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	272	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	323	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	265	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	241	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11794	203	268.05	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	386	46.34	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	368	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	384	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	383	36.47	\$120.00*
[Dual CPU] Quad-Core AMD Opteron 8378	5382	358	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	319	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	350	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	342	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	276	NA	NA
[Quad CPU] AMD Opteron 6136	9767	243	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	270	21.70	\$396.00
[Quad CPU] AMD Opteron 6272	12292	191	9.91	\$1,239.80
[Quad CPU] AMD Opteron 6274	10488	223	57.01	\$183.96
[Quad CPU] AMD Opteron 6276	15342	154	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	196	9.75	\$1,236.00
[Quad CPU] AMD Opteron 6282 SE	11044	215	21.24	\$519.96*
[Quad CPU] AMD Opteron 6376	13257	182	50.99	\$260.00
[Quad CPU] AMD Opteron 6378	20859	100	13.07	\$1,596.00
[Quad CPU] AMD Opteron 6380	12442	188	32.07	\$387.96
[Quad CPU] AMD Opteron 8360 SE	6490	326	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	339	NA	NA
[Quad CPU] AMD Opteron 8382	8553	271	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	306	NA	NA
[Quad CPU] AMD Opteron 8431	8252	279	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	313	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	260	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	438	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	399	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	137	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	149	29.66	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	175	42.59	\$319.96
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	62	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	92	55.95	\$381.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	52	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	25	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	108	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	146	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	14	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	40	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	21	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	133	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17287	132	131.00	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14316	165	18.94	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	185	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	152	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	315	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	295	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	233	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	248	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	256	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	54	5.15	\$5,079.96
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	13	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	4	2.68	\$15,199.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	244	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	2	1.10	\$40,060.00*
[Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz	48904	1	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	249	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	197	4.24	\$2,835.80*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	269	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	206	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	13145	183	149.38	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	309	29.88	\$240.00*

\* - Last price seen from our affiliates.

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