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CPU Benchmarks

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CPU List

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

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Single CPU Systems

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2747	NA	NA
AMD A4 Micro-6400T APU	1544	1939	NA	NA
AMD A4 PRO-3340B	2402	1545	NA	NA
AMD A4 PRO-7300B APU	2353	1566	NA	NA
AMD A4 PRO-7350B	2227	1620	NA	NA
AMD A4-1200 APU	632	2427	NA	NA
AMD A4-1250 APU	619	2434	NA	NA
AMD A4-3300 APU	1502	1962	65.36	\$22.99
AMD A4-3300M APU	1185	2127	39.53	\$29.99*
AMD A4-3305M APU	1224	2105	39.74	\$30.81
AMD A4-3310MX APU	1287	2066	NA	NA
AMD A4-3320M APU	1253	2089	34.93	\$35.90
AMD A4-3330MX APU	1216	2109	NA	NA
AMD A4-3400 APU	1592	1924	18.11	\$87.95
AMD A4-3420 APU	1664	1882	NA	NA
AMD A4-4000 APU	1831	1798	14.28	\$128.27*
AMD A4-4020 APU	1909	1754	20.75	\$92.00
AMD A4-4300M APU	1612	1911	40.44	\$39.86
AMD A4-4355M APU	1177	2129	NA	NA
AMD A4-5000 APU	1915	1748	NA	NA
AMD A4-5050 APU	2113	1662	NA	NA
AMD A4-5100 APU	2037	1693	NA	NA
AMD A4-5150M APU	1864	1778	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5300 APU	2012	1704	18.25	\$110.32
AMD A4-5300B APU	2145	1647	56.47	\$38.00*
AMD A4-6210 APU	2169	1637	NA	NA
AMD A4-6250J APU	2556	1486	NA	NA
AMD A4-6300 APU	2222	1623	37.05	\$59.99*
AMD A4-6300B APU	2129	1654	21.30	\$100.00*
AMD A4-6320 APU	2329	1569	33.29	\$69.99*
AMD A4-7210 APU	2523	1499	NA	NA
AMD A4-7300 APU	2309	1578	19.41	\$119.00
AMD A4-9120	1957	1725	NA	NA
AMD A4-9125	1968	1723	NA	NA
AMD A6 Micro-6500T APU	1834	1794	NA	NA
AMD A6 PRO-7050B APU	1616	1909	NA	NA
AMD A6 PRO-7400B	2608	1466	NA	NA
AMD A6-1450 APU	1539	1942	NA	NA
AMD A6-3400M APU	1882	1770	62.81	\$29.97*
AMD A6-3410MX APU	2058	1689	515.90	\$3.99*
AMD A6-3420M APU	1999	1708	NA	NA
AMD A6-3430MX APU	2200	1630	NA	NA
AMD A6-3500 APU	2012	1705	50.32	\$39.99*
AMD A6-3600 APU	2701	1441	117.50	\$22.99*
AMD A6-3620 APU	2792	1410	46.54	\$59.99*
AMD A6-3650 APU	3148	1292	98.41	\$31.99*
AMD A6-3670 APU	3166	1282	5.19	\$610.00*
AMD A6-4400M APU	1640	1896	205.38	\$7.99*
AMD A6-4455M APU	1286	2067	NA	NA
AMD A6-5200 APU	2434	1533	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	1973	NA	NA
AMD A6-5350M APU	1902	1756	44.13	\$43.12
AMD A6-5357M APU	1953	1732	NA	NA
AMD A6-5400B APU	2238	1616	21.31	\$105.04*
AMD A6-5400K APU	2157	1644	34.80	\$62.02
AMD A6-6310 APU	2457	1524	NA	NA
AMD A6-6400B APU	2281	1591	NA	NA
AMD A6-6400K APU	2308	1579	11.05	\$208.99*
AMD A6-6420B APU	2612	1464	NA	NA
AMD A6-6420K APU	2388	1552	15.92	\$149.99*
AMD A6-7000	1667	1880	NA	NA
AMD A6-7310 APU	2668	1450	NA	NA
AMD A6-7400K APU	2785	1414	46.58	\$59.79
AMD A6-7470K	2727	1434	11.22	\$243.00
AMD A6-7480	3116	1301	70.84	\$43.99*
AMD A6-8500P	2202	1629	NA	NA
AMD A6-8550	3032	1327	NA	NA
AMD A6-9200	1747	1831	NA	NA
AMD A6-9210	1753	1827	NA	NA
AMD A6-9220	2169	1640	NA	NA
AMD A6-9220C	2066	1683	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-9220e	1621	1907	NA	NA
AMD A6-9225	2171	1636	NA	NA
AMD A6-9230	2102	1668	NA	NA
AMD A6-9500	3057	1320	64.36	\$47.50
AMD A6-9500E	2889	1383	47.37	\$60.99
AMD A8 PRO-7150B APU	2650	1454	NA	NA
AMD A8 PRO-7600B APU	4748	919	NA	NA
AMD A8-3500M APU	1970	1720	28.17	\$69.95
AMD A8-3510MX APU	2395	1548	NA	NA
AMD A8-3520M APU	2169	1638	NA	NA
AMD A8-3530MX APU	2354	1563	NA	NA
AMD A8-3550MX APU	2610	1465	NA	NA
AMD A8-3800 APU	3011	1330	52.84	\$56.99*
AMD A8-3820 APU	3103	1303	24.83	\$124.99*
AMD A8-3850 APU	3459	1198	32.73	\$105.68*
AMD A8-3870K APU	3539	1176	23.65	\$149.67*
AMD A8-4500M APU	2666	1452	NA	NA
AMD A8-4555M APU	2125	1658	NA	NA
AMD A8-5500 APU	3996	1066	70.74	\$56.50*
AMD A8-5500B APU	4005	1063	NA	NA
AMD A8-5545M APU	2590	1474	NA	NA
AMD A8-5550M APU	3008	1333	NA	NA
AMD A8-5557M APU	2965	1352	NA	NA
AMD A8-5600K APU	4343	1002	18.94	\$229.30
AMD A8-6410 APU	2572	1482	NA	NA
AMD A8-6500 APU	4396	990	46.28	\$94.99*
AMD A8-6500B APU	4612	943	NA	NA
AMD A8-6500T APU	3221	1265	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	951	47.31	\$96.99*
AMD A8-7050	1986	1714	NA	NA
AMD A8-7100 APU	2808	1407	NA	NA
AMD A8-7200P	3319	1233	NA	NA
AMD A8-7410 APU	2742	1428	NA	NA
AMD A8-7600 APU	5064	852	17.71	\$285.99*
AMD A8-7650K	4924	884	19.39	\$254.00
AMD A8-7670K	5079	846	31.53	\$161.10*
AMD A8-7680	5270	818	87.86	\$59.99*
AMD A8-8600P	3248	1256	NA	NA
AMD A8-8650	5470	785	NA	NA
AMD A8-9600	4980	872	79.26	\$62.84
AMD A9-9400	2328	1570	NA	NA
AMD A9-9410	2547	1490	NA	NA
AMD A9-9420	2347	1568	NA	NA
AMD A9-9420e	1863	1780	NA	NA
AMD A9-9425	2517	1503	NA	NA
AMD A9-9430	2524	1498	NA	NA
AMD A10 Micro-6700T APU	1970	1719	NA	NA
AMD A10 PRO-7350B APU	3164	1284	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10 PRO-7800B APU	4934	880	NA	NA
AMD A10 PRO-7850B APU	5380	801	NA	NA
AMD A10-4600M APU	3113	1302	NA	NA
AMD A10-4655M APU	2605	1468	NA	NA
AMD A10-4657M APU	2906	1376	NA	NA
AMD A10-5700 APU	4213	1027	65.32	\$64.50*
AMD A10-5745M APU	2763	1421	NA	NA
AMD A10-5750M APU	3343	1229	NA	NA
AMD A10-5757M APU	3084	1309	NA	NA
AMD A10-5800B APU	4586	952	NA	NA
AMD A10-5800K APU	4636	937	7.60	\$610.00*
AMD A10-6700 APU	4603	945	39.35	\$116.99*
AMD A10-6700T APU	3693	1142	25.02	\$147.61*
AMD A10-6790K APU	4691	926	49.39	\$94.99*
AMD A10-6800B APU	4806	906	NA	NA
AMD A10-6800K APU	4861	897	16.95	\$286.85*
AMD A10-7300 APU	2907	1374	NA	NA
AMD A10-7400P	3605	1158	NA	NA
AMD A10-7700K APU	5118	838	14.76	\$346.70*
AMD A10-7800 APU	4973	874	48.10	\$103.39*
AMD A10-7850K APU	5469	786	28.79	\$190.00*
AMD A10-7860K	5068	850	28.96	\$175.00*
AMD A10-7870K	5467	788	24.09	\$226.99*
AMD A10-7890K	5698	754	28.50	\$199.99*
AMD A10-8700P	3448	1201	NA	NA
AMD A10-8750	5061	853	NA	NA
AMD A10-8850	5604	769	NA	NA
AMD A10-9600P	3776	1117	NA	NA
AMD A10-9620P	3684	1146	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	970	NA	NA
AMD A10-9700	5388	800	65.95	\$81.70
AMD A10-9700E	4747	920	52.18	\$90.99
AMD A12-9700P	3726	1133	NA	NA
AMD A12-9720P	3999	1065	NA	NA
AMD A12-9730P	4417	987	NA	NA
AMD A12-9800	5572	770	37.59	\$148.24*
AMD A12-9800E	5083	844	39.11	\$129.99*
AMD Athlon64 X2 Dual Core 4600+	1108	2171	NA	NA
AMD Athlon 4	279	2767	4.00	\$69.99
AMD Athlon 64 2000+	116	2901	NA	NA
AMD Athlon 64 2200+	575	2459	NA	NA
AMD Athlon 64 2600+	374	2642	NA	NA
AMD Athlon 64 2800+	438	2570	4.38	\$99.99*
AMD Athlon 64 3000+	464	2538	4.26	\$108.95
AMD Athlon 64 3200+	493	2508	3.29	\$149.95*
AMD Athlon 64 3300+	576	2458	NA	NA
AMD Athlon 64 3400+	545	2470	NA	NA
AMD Athlon 64 3500+	540	2476	4.97	\$108.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 3600+	601	2443	NA	NA
AMD Athlon 64 3700+	598	2445	8.67	\$69.00*
AMD Athlon 64 3800+	589	2448	3.28	\$179.95*
AMD Athlon 64 4000+	608	2438	3.32	\$183.27*
AMD Athlon 64 FX-25	794	2355	NA	NA
AMD Athlon 64 FX-34	380	2633	NA	NA
AMD Athlon 64 FX-51	437	2571	NA	NA
AMD Athlon 64 FX-53	646	2419	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2383	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2379	NA	NA
AMD Athlon 64 FX-59	715	2386	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2072	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1929	NA	NA
AMD Athlon 64 FX-72	1794	1809	NA	NA
AMD Athlon 64 FX-74	1495	1967	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2266	NA	NA
AMD Athlon 64 X2 4200+	1285	2068	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2240	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2260	16.05	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	999	2234	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1044	2206	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	2175	6.87	\$159.95*
AMD Athlon 64 X2 Dual Core 4400+	1145	2154	19.10	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1218	2107	3.39	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1253	2088	2.73	\$459.95*
AMD Athlon 64 X2 Dual Core 5000+	1313	2048	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	2014	9.87	\$139.95
AMD Athlon 64 X2 Dual Core 5400+	1450	1985	27.37	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1485	1970	9.91	\$149.95*
AMD Athlon 64 X2 Dual Core 5800+	1516	1953	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	1916	34.90	\$45.95
AMD Athlon 64 X2 Dual Core 6400+	1791	1811	6.89	\$259.95*
AMD Athlon 64 X2 Dual Core BE-230	1095	2179	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2188	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2205	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2331	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2332	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2253	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2311	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	819	2340	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2312	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	925	2286	NA	NA
AMD Athlon 64 X2 QL-60	922	2292	NA	NA
AMD Athlon 64 X2 QL-62	1005	2229	NA	NA
AMD Athlon 64 X2 QL-64	990	2245	NA	NA
AMD Athlon 64 X2 QL-65	1050	2202	NA	NA
AMD Athlon 64 X2 QL-66	947	2274	NA	NA
AMD Athlon 64 X2 QL-67	1006	2228	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 TK-55	955	2267	NA	NA
AMD Athlon 64 X2 TK-57	988	2246	NA	NA
AMD Athlon 200GE	4918	885	74.58	\$65.95
AMD Athlon 220GE	5302	816	80.60	\$65.79
AMD Athlon 240GE	5411	793	77.45	\$69.87
AMD Athlon 300U	4864	895	NA	NA
AMD Athlon 1500+	294	2740	NA	NA
AMD Athlon 1640B	670	2410	13.42	\$50.00*
AMD Athlon 2000+	390	2629	NA	NA
AMD Athlon 2100+	412	2591	NA	NA
AMD Athlon 2200+	363	2659	4.55	\$79.99*
AMD Athlon 2400+	462	2542	NA	NA
AMD Athlon 2500+	374	2639	2.04	\$183.99*
AMD Athlon 2600+	444	2561	4.23	\$104.95*
AMD Athlon 2650e	409	2596	21.56	\$19.00*
AMD Athlon 2800+	447	2558	3.20	\$139.95*
AMD Athlon 2850e	506	2501	NA	NA
AMD Athlon 3100+	485	2519	NA	NA
AMD Athlon 3200+	458	2546	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	2061	10.78	\$119.95
AMD Athlon 5150 APU	2105	1666	13.16	\$159.95
AMD Athlon 5200 Dual-Core	1266	2083	42.23	\$29.99*
AMD Athlon 5350 APU	2606	1467	13.72	\$190.00*
AMD Athlon 5370 APU	2912	1368	45.73	\$63.70*
AMD Athlon 7450 Dual-Core	1450	1984	NA	NA
AMD Athlon 7550 Dual-Core	1470	1975	24.52	\$60.00
AMD Athlon 7750 Dual-Core	1570	1930	9.59	\$163.77*
AMD Athlon 7850 Dual-Core	1713	1849	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2750	NA	NA
AMD Athlon Dual Core 4050e	1086	2184	NA	NA
AMD Athlon Dual Core 4450B	1165	2141	37.59	\$31.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 4450e	1107	2173	NA	NA
AMD Athlon Dual Core 4850B	1391	2007	NA	NA
AMD Athlon Dual Core 4850e	1314	2047	33.70	\$39.00*
AMD Athlon Dual Core 5000B	1308	2050	13.77	\$95.00*
AMD Athlon Dual Core 5050e	1343	2034	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1316	2046	NA	NA
AMD Athlon Dual Core 5400B	1420	1997	NA	NA
AMD Athlon Dual Core 5600B	1304	2054	NA	NA
AMD Athlon II 160u	560	2465	18.68	\$29.99*
AMD Athlon II 170u	627	2429	20.95	\$29.95*
AMD Athlon II Dual-Core M300	1111	2167	NA	NA
AMD Athlon II Dual-Core M320	1141	2156	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2201	NA	NA
AMD Athlon II N330 Dual-Core	1154	2147	NA	NA
AMD Athlon II N350 Dual-Core	1249	2094	NA	NA
AMD Athlon II N370 Dual-Core	1559	1934	NA	NA
AMD Athlon II Neo K125	473	2531	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II Neo K145	525	2484	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2359	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2322	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2354	NA	NA
AMD Athlon II P320 Dual-Core	1216	2108	40.62	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2093	27.82	\$44.95*
AMD Athlon II P360 Dual-Core	1318	2045	54.94	\$24.00*
AMD Athlon II X2 210e	1486	1969	NA	NA
AMD Athlon II X2 215	1565	1932	130.61	\$11.99*
AMD Athlon II X2 220	1632	1901	50.72	\$32.19
AMD Athlon II X2 225	1526	1946	NA	NA
AMD Athlon II X2 235e	1656	1888	9.11	\$181.88*
AMD Athlon II X2 240	1642	1894	47.01	\$34.95
AMD Athlon II X2 240e	1695	1864	48.52	\$34.95*
AMD Athlon II X2 245	1661	1886	47.55	\$34.95*
AMD Athlon II X2 245e	1709	1853	21.37	\$80.00*
AMD Athlon II X2 250	1741	1833	44.72	\$38.95
AMD Athlon II X2 250e	1939	1737	25.28	\$76.73*
AMD Athlon II X2 250u	1000	2233	28.64	\$34.95
AMD Athlon II X2 255	1841	1790	28.24	\$65.22*
AMD Athlon II X2 260	1875	1771	93.83	\$19.99*
AMD Athlon II X2 260u	1107	2172	13.28	\$83.44*
AMD Athlon II X2 265	1892	1764	22.84	\$82.88*
AMD Athlon II X2 270	1978	1718	82.46	\$23.99*
AMD Athlon II X2 270u	1285	2070	18.99	\$67.67*
AMD Athlon II X2 280	2129	1653	21.30	\$99.99*
AMD Athlon II X2 4300e	1483	1971	NA	NA
AMD Athlon II X2 4400e	1632	1902	NA	NA
AMD Athlon II X2 4450e	1504	1960	NA	NA
AMD Athlon II X2 B22	1713	1848	41.11	\$41.69*
AMD Athlon II X2 B24	1776	1815	44.47	\$39.95*
AMD Athlon II X2 B26	1906	1755	54.56	\$34.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 B28	2085	1675	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1706	18.70	\$107.43*
AMD Athlon II X3 405e	2000	1707	25.00	\$79.99*
AMD Athlon II X3 415e	2247	1610	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1588	19.68	\$116.15*
AMD Athlon II X3 425	2314	1576	85.74	\$26.99*
AMD Athlon II X3 425e	2239	1615	NA	NA
AMD Athlon II X3 435	2472	1521	82.44	\$29.99*
AMD Athlon II X3 440	2566	1483	95.10	\$26.99*
AMD Athlon II X3 445	2573	1480	28.28	\$91.00*
AMD Athlon II X3 450	2622	1462	68.92	\$38.05
AMD Athlon II X3 455	2767	1418	70.97	\$38.99*
AMD Athlon II X3 460	2864	1388	73.46	\$38.99*
AMD Athlon II X4 553	3814	1108	NA	NA
AMD Athlon II X4 555	3830	1103	NA	NA
AMD Athlon II X4 559	4125	1044	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 600e	2465	1523	18.93	\$130.23*
AMD Athlon II X4 605e	2734	1433	26.86	\$101.80*
AMD Athlon II X4 610e	2790	1411	39.87	\$69.99*
AMD Athlon II X4 615e	2901	1380	49.17	\$59.00*
AMD Athlon II X4 620	2928	1364	48.85	\$59.95
AMD Athlon II X4 620e	2906	1377	NA	NA
AMD Athlon II X4 630	3131	1294	49.75	\$62.95
AMD Athlon II X4 631 Quad-Core	3152	1290	39.41	\$80.00*
AMD Athlon II X4 635	3234	1259	46.24	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1271	120.73	\$26.49*
AMD Athlon II X4 640	3314	1236	41.46	\$79.95
AMD Athlon II X4 641 Quad-Core	3344	1228	36.55	\$91.50*
AMD Athlon II X4 645	3468	1195	43.38	\$79.95
AMD Athlon II X4 650	3482	1193	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	1167	20.09	\$178.04*
AMD Athlon II X4 655	2998	1337	NA	NA
AMD Athlon II X4 6400e	2594	1471	NA	NA
AMD Athlon L110	303	2720	NA	NA
AMD Athlon LE-1600	557	2467	26.57	\$21.00*
AMD Athlon LE-1620	578	2456	32.12	\$18.00*
AMD Athlon LE-1640	626	2430	NA	NA
AMD Athlon LE-1660	679	2407	NA	NA
AMD Athlon MP	230	2821	4.20	\$54.95*
AMD Athlon MP 1700+	339	2682	NA	NA
AMD Athlon MP 2400+	436	2572	NA	NA
AMD Athlon MP 2800+	497	2506	NA	NA
AMD Athlon Neo MV-40	410	2594	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2231	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2358	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2336	NA	NA
AMD Athlon PRO 200GE	5204	827	NA	NA
AMD Athlon QI-46	473	2530	NA	NA
AMD Athlon TF-20	412	2592	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon TF-36	395	2618	NA	NA
AMD Athlon X2 215	1543	1940	NA	NA
AMD Athlon X2 235e	1806	1805	NA	NA
AMD Athlon X2 240	1602	1917	NA	NA
AMD Athlon X2 240e	1670	1878	NA	NA
AMD Athlon X2 250	1696	1863	NA	NA
AMD Athlon X2 255	1627	1905	NA	NA
AMD Athlon X2 280	2303	1581	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1910	1753	38.22	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1608	NA	NA
AMD Athlon X2 440	1424	1995	NA	NA
AMD Athlon X2 Dual Core 3250e	783	2357	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2236	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2293	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2169	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 BE-2400	1213	2110	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2090	NA	NA
AMD Athlon X2 Dual Core L310	645	2420	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2225	NA	NA
AMD Athlon X3 425	2191	1633	NA	NA
AMD Athlon X3 435	2574	1479	26.96	\$95.49*
AMD Athlon X3 440	2078	1678	23.62	\$87.99*
AMD Athlon X3 445	2314	1575	NA	NA
AMD Athlon X3 455	2401	1546	NA	NA
AMD Athlon X4 605e	2505	1509	NA	NA
AMD Athlon X4 620	2861	1389	47.74	\$59.95
AMD Athlon X4 635	2891	1382	23.71	\$121.99*
AMD Athlon X4 640	3172	1278	NA	NA
AMD Athlon X4 740 Quad Core	4020	1060	14.52	\$277.00*
AMD Athlon X4 750 Quad Core	4551	956	NA	NA
AMD Athlon X4 750K Quad Core	4254	1018	55.26	\$76.99*
AMD Athlon X4 760K Quad Core	4593	949	109.41	\$41.98*
AMD Athlon X4 830	4701	923	NA	NA
AMD Athlon X4 840	5059	854	64.26	\$78.74*
AMD Athlon X4 845	5401	796	101.67	\$53.13*
AMD Athlon X4 860K	5415	792	40.13	\$134.95
AMD Athlon X4 870K	5313	815	66.43	\$79.99*
AMD Athlon X4 880K	5550	774	55.51	\$99.99*
AMD Athlon X4 950	5252	821	75.03	\$70.00
AMD Athlon XP1600+	281	2762	NA	NA
AMD Athlon XP1900+	353	2668	NA	NA
AMD Athlon XP2100+	287	2752	NA	NA
AMD Athlon XP2200+	401	2610	NA	NA
AMD Athlon XP2400+	374	2641	NA	NA
AMD Athlon XP 1500	282	2761	NA	NA
AMD Athlon XP 1500+	257	2792	NA	NA
AMD Athlon XP 1600+	267	2782	NA	NA
AMD Athlon XP 1700	344	2678	NA	NA
AMD Athlon XP 1700+	271	2778	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	2727	5.10	\$58.95*
AMD Athlon XP 1900+	312	2711	NA	NA
AMD Athlon XP 2000+	299	2728	12.00	\$24.99*
AMD Athlon XP 2100+	323	2694	NA	NA
AMD Athlon XP 2200+	328	2693	3.87	\$84.95*
AMD Athlon XP 2300+	464	2539	NA	NA
AMD Athlon XP 2400+	360	2661	4.01	\$89.99*
AMD Athlon XP 2500+	355	2665	NA	NA
AMD Athlon XP 2600+	372	2645	16.18	\$23.03*
AMD Athlon XP 2700+	393	2621	4.64	\$84.79*
AMD Athlon XP 2800+	400	2612	NA	NA
AMD Athlon XP 2900+	424	2586	NA	NA
AMD Athlon XP 3000+	402	2608	5.06	\$79.70*
AMD Athlon XP 3100+	433	2576	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 3200+	431	2578	NA	NA
AMD Athlon XP 3400+	570	2462	NA	NA
AMD Athlon XP Pro3+	367	2652	NA	NA
AMD Athlon XP-M	541	2475	15.48	\$34.95*
AMD C-30	310	2713	NA	NA
AMD C-50	462	2541	NA	NA
AMD C-60	466	2535	NA	NA
AMD C-60 APU	543	2472	NA	NA
AMD C-70 APU	558	2466	NA	NA
AMD E1 Micro-6200T APU	960	2263	NA	NA
AMD E1-1200 APU	655	2417	NA	NA
AMD E1-1500 APU	688	2402	NA	NA
AMD E1-2100 APU	641	2425	NA	NA
AMD E1-2200 APU	767	2361	NA	NA
AMD E1-2500 APU	890	2309	NA	NA
AMD E1-6010 APU	866	2316	NA	NA
AMD E1-6015 APU	900	2305	NA	NA
AMD E1-7010 APU	1009	2227	NA	NA
AMD E2-1800 APU	815	2341	NA	NA
AMD E2-2000 APU	825	2337	NA	NA
AMD E2-3000 APU	1121	2159	NA	NA
AMD E2-3000M APU	1096	2177	54.84	\$20.00*
AMD E2-3200 APU	1387	2009	173.70	\$7.99*
AMD E2-3800 APU	1646	1892	NA	NA
AMD E2-6110 APU	1912	1751	NA	NA
AMD E2-7110 APU	2288	1586	NA	NA
AMD E2-9000	1651	1891	NA	NA
AMD E2-9000e	1344	2033	NA	NA
AMD E2-9010	1705	1855	NA	NA
AMD E2-9030	1515	1954	NA	NA
AMD E-240	319	2700	NA	NA
AMD E-300 APU	610	2437	NA	NA
AMD E-350	745	2374	NA	NA
AMD E-350 APU	757	2368	NA	NA
AMD E-350D APU	726	2381	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	2362	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1821	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1672	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2508	1507	NA	NA
AMD Embedded R-Series RX-216GD	2409	1542	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	849	NA	NA
AMD Embedded R-Series RX-421BD	4635	938	NA	NA
AMD EPYC 3201	9634	370	NA	NA
AMD EPYC 7251 8-Core	11811	246	21.93	\$538.65

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 7301	14978	154	17.31	\$865.24
AMD EPYC 7351	18081	89	14.32	\$1,263.00
AMD EPYC 7351P	14887	156	7.00	\$2,126.00
AMD EPYC 7371	22071	37	NA	NA
AMD EPYC 7401P	19555	71	18.19	\$1,075.00
AMD EPYC 7501	18942	79	5.32	\$3,559.56
AMD EPYC 7551	18483	83	5.19	\$3,559.56
AMD EPYC 7551P	18406	85	6.99	\$2,632.89
AMD FirePro A320 APU	4540	962	NA	NA
AMD FX-670K Quad-Core	4550	957	NA	NA
AMD FX-770K Quad-Core	4803	909	NA	NA
AMD FX-870K Quad Core	5021	864	NA	NA
AMD FX-4100 Quad-Core	4072	1053	26.54	\$153.45*
AMD FX-4130 Quad-Core	4163	1036	54.79	\$75.99*
AMD FX-4150 Quad-Core	4594	948	NA	NA
AMD FX-4170 Quad-Core	4866	892	48.67	\$99.99*
AMD FX-4200 Quad-Core	4235	1022	18.56	\$228.21*
AMD FX-4300 Quad-Core	4695	925	52.20	\$89.96
AMD FX-4320	4985	870	NA	NA
AMD FX-4330	5321	814	NA	NA
AMD FX-4350 Quad-Core	5342	809	107.37	\$49.76
AMD FX-6100 Six-Core	5389	799	21.30	\$253.00
AMD FX-6120 Six-Core	5733	751	NA	NA
AMD FX-6130 Six-Core	6215	698	NA	NA
AMD FX-6200 Six-Core	6118	710	18.00	\$339.95
AMD FX-6300 Six-Core	6389	682	65.20	\$98.00
AMD FX-6330 Six-Core	6916	631	NA	NA
AMD FX-6350 Six-Core	7002	618	140.72	\$49.76
AMD FX-7500 APU	3207	1267	NA	NA
AMD FX-7600P	4053	1055	NA	NA
AMD FX-7600P APU	4627	940	NA	NA
AMD FX-8100 Eight-Core	6008	722	42.31	\$142.00*
AMD FX-8120 Eight-Core	6601	663	29.64	\$222.73*
AMD FX-8140 Eight-Core	6133	707	NA	NA
AMD FX-8150 Eight-Core	7634	563	76.38	\$99.95
AMD FX-8300 Eight-Core	7720	553	48.26	\$159.98
AMD FX-8310 Eight-Core	7722	552	NA	NA
AMD FX-8320 Eight-Core	8016	521	53.80	\$149.00
AMD FX-8320E Eight-Core	7550	568	77.04	\$98.00
AMD FX-8350 Eight-Core	8952	437	85.27	\$104.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8370 Eight-Core	9037	423	18.07	\$500.00
AMD FX-8370E Eight-Core	7806	542	19.97	\$391.00
AMD FX-8800P	4141	1041	NA	NA
AMD FX-9370 Eight-Core	9445	387	16.15	\$585.00
AMD FX-9590 Eight-Core	10190	314	68.17	\$149.50
AMD FX-9800P	3963	1075	NA	NA
AMD FX-9830P	4773	914	NA	NA
AMD FX-B4150 Quad-Core	4611	944	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T40E	467	2534	NA	NA
AMD G-T40N	516	2493	NA	NA
AMD G-T40R	203	2848	NA	NA
AMD G-T44R	229	2822	NA	NA
AMD G-T48E	667	2412	NA	NA
AMD G-T52R	308	2715	NA	NA
AMD G-T56E	751	2370	NA	NA
AMD G-T56N	795	2352	NA	NA
AMD Geode NX	264	2785	NA	NA
AMD Geode NX 1750	291	2741	NA	NA
AMD GX-210JA SOC	401	2611	NA	NA
AMD GX-212JC SOC	744	2375	NA	NA
AMD GX-217GA SOC	1107	2174	NA	NA
AMD GX-218GL SOC	1207	2114	NA	NA
AMD GX-222GC SOC	1255	2087	NA	NA
AMD GX-412HC	1497	1966	NA	NA
AMD GX-415GA SOC	1944	1736	NA	NA
AMD GX-420CA SOC	2412	1540	NA	NA
AMD GX-424CC SOC	2491	1514	NA	NA
AMD K7	403	2605	NA	NA
AMD Opteron 140	396	2616	0.56	\$710.00*
AMD Opteron 142	428	2582	NA	NA
AMD Opteron 144	486	2516	7.48	\$65.00*
AMD Opteron 146	532	2479	8.87	\$59.99*
AMD Opteron 148	603	2442	NA	NA
AMD Opteron 150	604	2440	NA	NA
AMD Opteron 152	658	2414	NA	NA
AMD Opteron 154	703	2395	NA	NA
AMD Opteron 165	899	2306	1.47	\$610.00*
AMD Opteron 170	1097	2176	NA	NA
AMD Opteron 175	1167	2140	NA	NA
AMD Opteron 180	1236	2098	9.51	\$129.95*
AMD Opteron 185	1342	2035	NA	NA
AMD Opteron 246	632	2428	31.62	\$19.99*
AMD Opteron 248	476	2528	4.77	\$99.95
AMD Opteron 250	649	2418	59.01	\$11.00*
AMD Opteron 252	760	2366	12.00	\$63.36*
AMD Opteron 254	693	2400	NA	NA
AMD Opteron 256	963	2258	50.72	\$19.00*
AMD Opteron 265	963	2259	13.20	\$73.00
AMD Opteron 270	1170	2136	1.93	\$607.47*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 275	1291	2062	19.87	\$64.99
AMD Opteron 280	1176	2130	1.48	\$796.67*
AMD Opteron 285	1470	1976	NA	NA
AMD Opteron 290	1464	1978	10.85	\$135.00*
AMD Opteron 1210	923	2288	NA	NA
AMD Opteron 1210 HE	971	2252	NA	NA
AMD Opteron 1212	1009	2226	3.48	\$290.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1212 HE	1308	2051	NA	NA
AMD Opteron 1214	1191	2123	4.11	\$290.00*
AMD Opteron 1214 HE	1299	2056	NA	NA
AMD Opteron 1216	1311	2049	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2134	NA	NA
AMD Opteron 1218	1468	1977	NA	NA
AMD Opteron 1218 HE	1444	1987	NA	NA
AMD Opteron 1220	1653	1890	NA	NA
AMD Opteron 1222	1757	1823	NA	NA
AMD Opteron 1352	2316	1574	17.04	\$135.99*
AMD Opteron 1354	2630	1460	19.49	\$135.00*
AMD Opteron 1356	2765	1420	30.73	\$89.99*
AMD Opteron 1381	3065	1317	NA	NA
AMD Opteron 2212	1270	2080	63.53	\$20.00*
AMD Opteron 2214	1358	2028	46.85	\$29.00*
AMD Opteron 2214 HE	1415	2000	NA	NA
AMD Opteron 2216	1518	1952	58.84	\$25.80
AMD Opteron 2218	1594	1922	19.94	\$79.95
AMD Opteron 2220	1701	1859	21.29	\$79.95
AMD Opteron 2220 SE	1398	2004	55.92	\$25.00*
AMD Opteron 2222	1843	1788	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1746	NA	NA
AMD Opteron 2350	2820	1400	35.28	\$79.95
AMD Opteron 2354	2450	1528	7.38	\$332.03*
AMD Opteron 2356	2814	1403	54.12	\$52.00*
AMD Opteron 2373 EE	2789	1412	NA	NA
AMD Opteron 2374 HE	2951	1353	15.53	\$189.99*
AMD Opteron 2376	2283	1589	13.69	\$166.81*
AMD Opteron 2378	3179	1275	17.76	\$179.00*
AMD Opteron 2380	2640	1457	58.69	\$45.00
AMD Opteron 2384	3538	1178	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1179	NA	NA
AMD Opteron 2393 SE	2246	1611	NA	NA
AMD Opteron 2427	3069	1315	31.00	\$99.00
AMD Opteron 2431	4516	967	112.91	\$40.00*
AMD Opteron 2435	4708	922	24.91	\$189.00
AMD Opteron 3250 HE	2942	1357	29.73	\$99.00*
AMD Opteron 3260 HE	3259	1249	NA	NA
AMD Opteron 3280	5403	795	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1448	NA	NA
AMD Opteron 3350 HE	4105	1048	NA	NA
AMD Opteron 3365	5963	724	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 3380	6384	683	7.89	\$809.00*
AMD Opteron 4122	2942	1358	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1281	NA	NA
AMD Opteron 4170 HE	3664	1147	62.11	\$59.00*
AMD Opteron 4184	4418	986	8.50	\$519.95*
AMD Opteron 4280	6430	675	128.60	\$50.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4284	6660	658	111.03	\$59.99*
AMD Opteron 4332 HE	5614	766	NA	NA
AMD Opteron 4334	6099	712	28.18	\$216.42*
AMD Opteron 4365 EE	5025	863	NA	NA
AMD Opteron 4386	6761	646	48.30	\$139.99*
AMD Opteron 6128	4505	968	237.24	\$18.99
AMD Opteron 6134	2938	1359	66.81	\$43.99
AMD Opteron 6136	4631	939	42.10	\$110.00*
AMD Opteron 6164 HE	5351	807	NA	NA
AMD Opteron 6172	5261	819	26.57	\$198.00
AMD Opteron 6174	6171	702	77.19	\$79.95
AMD Opteron 6176 SE	5465	789	34.37	\$159.00*
AMD Opteron 6212	5776	745	192.62	\$29.99*
AMD Opteron 6220	6785	642	113.11	\$59.99*
AMD Opteron 6234	5938	727	198.27	\$29.95*
AMD Opteron 6238	7673	559	21.32	\$359.89*
AMD Opteron 6272	6748	648	96.42	\$69.99
AMD Opteron 6274	4865	894	108.15	\$44.99
AMD Opteron 6276	8889	443	52.60	\$169.00
AMD Opteron 6282 SE	9116	413	70.13	\$129.99*
AMD Opteron 6287 SE	9789	356	NA	NA
AMD Opteron 6328	7813	541	21.76	\$359.00
AMD Opteron 6366 HE	7503	572	250.19	\$29.99*
AMD Opteron 6376	9212	406	141.72	\$65.00
AMD Opteron 6378	9094	417	22.79	\$399.00
AMD Opteron 6380	10081	324	170.88	\$59.00
AMD Opteron 6386 SE	10912	274	72.75	\$149.99*
AMD Opteron 8354	2255	1606	93.98	\$24.00
AMD Opteron 8439 SE	3813	1109	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1318	NA	NA
AMD Opteron X3216 APU	2366	1561	NA	NA
AMD Opteron X3418 APU	4659	930	NA	NA
AMD Opteron X3421 APU	4928	883	NA	NA
AMD Phenom 2 X4 12000	3005	1335	NA	NA
AMD Phenom 7950 Quad-Core	2991	1340	NA	NA
AMD Phenom 8250 Triple-Core	1668	1879	NA	NA
AMD Phenom 8250e Triple-Core	1635	1899	34.81	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1900	NA	NA
AMD Phenom 8450 Triple-Core	1889	1768	63.09	\$29.95*
AMD Phenom 8450e Triple-Core	2026	1697	NA	NA
AMD Phenom 8600 Triple-Core	1673	1876	31.57	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1744	36.33	\$52.99*
AMD Phenom 8650 Triple-Core	1989	1711	39.80	\$49.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8750 Triple-Core	2058	1688	NA	NA
AMD Phenom 8750B Triple-Core	2034	1694	NA	NA
AMD Phenom 8850 Triple-Core	1968	1722	NA	NA
AMD Phenom 8850B Triple-Core	2080	1677	NA	NA
AMD Phenom 9100e Quad-Core	1833	1795	45.89	\$39.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9150e Quad-Core	2113	1661	52.91	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1573	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1469	24.76	\$105.00*
AMD Phenom 9500 Quad-Core	2202	1628	75.98	\$28.99*
AMD Phenom 9550 Quad-Core	2543	1494	87.73	\$28.99*
AMD Phenom 9600 Quad-Core	2301	1583	46.08	\$49.95*
AMD Phenom 9600B Quad-Core	2573	1481	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2636	1459	58.65	\$44.95*
AMD Phenom 9750 Quad-Core	2810	1405	95.31	\$29.49*
AMD Phenom 9750B Quad-Core	2709	1439	NA	NA
AMD Phenom 9850 Quad-Core	2888	1384	24.07	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1287	NA	NA
AMD Phenom 9950 Quad-Core	3009	1332	22.29	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1504	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1356	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1154	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1190	NA	NA
AMD Phenom II N620 Dual-Core	1684	1869	422.27	\$3.99*
AMD Phenom II N640 Dual-Core	1721	1841	26.51	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1784	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1453	NA	NA
AMD Phenom II N830 Triple-Core	1890	1767	NA	NA
AMD Phenom II N850 Triple-Core	1937	1738	77.51	\$25.00*
AMD Phenom II N870 Triple-Core	1999	1709	NA	NA
AMD Phenom II N930 Quad-Core	2274	1594	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1518	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2521	1501	16.81	\$149.99*
AMD Phenom II P650 Dual-Core	1579	1927	45.12	\$35.00*
AMD Phenom II P820 Triple-Core	1602	1918	NA	NA
AMD Phenom II P840 Triple-Core	1709	1851	NA	NA
AMD Phenom II P860 Triple-Core	1756	1825	NA	NA
AMD Phenom II P920 Quad-Core	1866	1776	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1831	1797	NA	NA
AMD Phenom II P960 Quad-Core	2085	1673	74.48	\$28.00*
AMD Phenom II X2 511	2104	1667	NA	NA
AMD Phenom II X2 521	2071	1680	NA	NA
AMD Phenom II X2 545	1916	1747	43.57	\$43.98*
AMD Phenom II X2 550	2021	1699	40.45	\$49.99*
AMD Phenom II X2 555	2041	1691	72.96	\$27.98*
AMD Phenom II X2 560	2061	1685	31.71	\$64.99*
AMD Phenom II X2 565	2225	1622	74.21	\$29.99*
AMD Phenom II X2 570	2068	1682	NA	NA
AMD Phenom II X2 B53	1709	1852	NA	NA
AMD Phenom II X2 B55	1921	1745	40.02	\$48.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X2 B57	1823	1801	NA	NA
AMD Phenom II X2 B59	2118	1659	108.77	\$19.48*
AMD Phenom II X3 700e	2242	1613	NA	NA
AMD Phenom II X3 705e	2227	1619	14.63	\$152.34*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 710	2446	1529	28.95	\$84.53*
AMD Phenom II X3 715	2649	1456	31.17	\$84.99*
AMD Phenom II X3 720	2668	1449	38.13	\$69.99*
AMD Phenom II X3 740	2985	1341	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1431	36.47	\$75.00*
AMD Phenom II X3 B75	2906	1375	72.69	\$39.99*
AMD Phenom II X3 B77	3067	1316	137.64	\$22.29*
AMD Phenom II X4 805	2998	1336	17.23	\$173.99*
AMD Phenom II X4 810	3121	1298	26.91	\$115.99*
AMD Phenom II X4 820	3396	1213	45.31	\$74.95*
AMD Phenom II X4 830	3434	1204	42.95	\$79.95*
AMD Phenom II X4 840	3507	1187	39.00	\$89.95*
AMD Phenom II X4 840T	3598	1160	45.01	\$79.95
AMD Phenom II X4 850	3549	1173	54.62	\$64.99*
AMD Phenom II X4 900e	2882	1386	NA	NA
AMD Phenom II X4 905e	3078	1313	57.02	\$53.99*
AMD Phenom II X4 910	3249	1255	32.49	\$100.00*
AMD Phenom II X4 910e	3254	1253	20.73	\$156.99*
AMD Phenom II X4 920	3388	1215	42.36	\$79.99*
AMD Phenom II X4 925	3415	1207	77.64	\$43.99*
AMD Phenom II X4 940	3591	1162	60.52	\$59.34*
AMD Phenom II X4 945	3653	1151	53.64	\$68.11
AMD Phenom II X4 955	3921	1086	30.13	\$130.16*
AMD Phenom II X4 960T	3781	1116	59.09	\$63.99*
AMD Phenom II X4 965	4180	1034	49.77	\$84.01*
AMD Phenom II X4 970	4317	1008	29.15	\$148.11*
AMD Phenom II X4 973	3759	1123	NA	NA
AMD Phenom II X4 975	4453	974	31.88	\$139.69*
AMD Phenom II X4 977	3750	1127	NA	NA
AMD Phenom II X4 980	4490	971	19.52	\$229.99*
AMD Phenom II X4 8700e	2377	1556	NA	NA
AMD Phenom II X4 B05e	2792	1409	NA	NA
AMD Phenom II X4 B15e	2736	1430	NA	NA
AMD Phenom II X4 B25	3297	1241	NA	NA
AMD Phenom II X4 B35	3383	1219	NA	NA
AMD Phenom II X4 B40	3360	1224	NA	NA
AMD Phenom II X4 B45	3467	1197	NA	NA
AMD Phenom II X4 B50	3697	1140	NA	NA
AMD Phenom II X4 B55	3854	1095	NA	NA
AMD Phenom II X4 B60	4043	1056	NA	NA
AMD Phenom II X4 B65	4172	1035	NA	NA
AMD Phenom II X4 B70	4261	1017	NA	NA
AMD Phenom II X4 B93	3345	1226	NA	NA
AMD Phenom II X4 B95	3684	1145	50.51	\$72.95*
AMD Phenom II X4 B97	3863	1093	67.80	\$56.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B99	4130	1043	NA	NA
AMD Phenom II X6 1035T	4638	935	24.54	\$189.00*
AMD Phenom II X6 1045T	4795	912	44.40	\$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	4957	878	61.78	\$80.24*
AMD Phenom II X6 1065T	5035	860	NA	NA
AMD Phenom II X6 1075T	5324	811	47.12	\$112.99*
AMD Phenom II X6 1090T	5561	772	36.10	\$154.04
AMD Phenom II X6 1100T	5703	753	32.13	\$177.49*
AMD Phenom II X6 1405T	5042	859	NA	NA
AMD Phenom II X620 Dual-Core	2189	1634	NA	NA
AMD Phenom II X640 Dual-Core	2021	1700	NA	NA
AMD Phenom II X920 Quad-Core	2650	1455	NA	NA
AMD Phenom II X940 Quad-Core	2695	1442	NA	NA
AMD Phenom Ultra X4 24500	3945	1080	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1861	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1627	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1830	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2128	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1989	NA	NA
AMD Phenom X3 8550	1929	1741	11.35	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1822	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1710	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1617	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1381	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1438	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1444	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2111	NA	NA
AMD PRO A4-3350B APU	2274	1596	NA	NA
AMD PRO A4-8350B	2776	1416	NA	NA
AMD PRO A6-7350B	2759	1423	NA	NA
AMD PRO A6-8500B	2516	1505	NA	NA
AMD PRO A6-8530B	2388	1551	NA	NA
AMD PRO A6-8550B	2970	1348	NA	NA
AMD PRO A6-8570	3049	1325	NA	NA
AMD PRO A6-8570E	2824	1399	NA	NA
AMD PRO A6-9500	2950	1354	39.88	\$74.00*
AMD PRO A6-9500B	2076	1679	NA	NA
AMD PRO A6-9500E	2717	1436	36.73	\$74.00*
AMD PRO A8-8600B	3513	1185	NA	NA
AMD PRO A8-8650B	5248	822	NA	NA
AMD PRO A8-8670E	5015	865	NA	NA
AMD PRO A8-9600	5277	817	44.35	\$119.00*
AMD PRO A8-9600B	3964	1073	NA	NA
AMD PRO A10-8700B	3562	1171	NA	NA
AMD PRO A10-8730B	3971	1070	NA	NA
AMD PRO A10-8750B	5473	783	NA	NA
AMD PRO A10-8770	5707	752	NA	NA
AMD PRO A10-8770E	5035	861	NA	NA
AMD PRO A10-8850B	5852	737	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A10-9700	5677	758	33.59	\$169.00*
AMD PRO A10-9700B	4380	992	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	851	36.45	\$139.00*
AMD PRO A12-8800B	4111	1046	NA	NA
AMD PRO A12-8830B	4315	1009	NA	NA
AMD PRO A12-8870	6067	717	NA	NA
AMD PRO A12-8870E	5186	833	NA	NA
AMD PRO A12-9800	6132	708	36.29	\$169.00*
AMD PRO A12-9800B	4124	1045	NA	NA
AMD PRO A12-9800E	4769	915	28.22	\$169.00*
AMD QC-4000	1663	1885	NA	NA
AMD R-260H APU	1576	1928	NA	NA
AMD R-460L APU	1954	1729	NA	NA
AMD R-464L APU	3117	1300	NA	NA
AMD RX-427BB	4351	999	NA	NA
AMD Ryzen 3 1200	6738	650	112.32	\$59.99
AMD Ryzen 3 1300X	7524	570	58.53	\$128.56
AMD Ryzen 3 2200G	7313	594	86.05	\$84.99
AMD Ryzen 3 2200GE	6913	632	NA	NA
AMD Ryzen 3 2200U	4581	953	NA	NA
AMD Ryzen 3 2300U	6144	706	NA	NA
AMD Ryzen 3 2300X	8491	475	NA	NA
AMD Ryzen 3 3200G	7955	530	80.36	\$99.00
AMD Ryzen 3 3200U	4811	904	NA	NA
AMD Ryzen 3 3300U	5103	840	NA	NA
AMD Ryzen 3 PRO 1200	7069	614	NA	NA
AMD Ryzen 3 PRO 1300	8022	519	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	839	NA	NA
AMD Ryzen 3 PRO 2200G	7999	523	NA	NA
AMD Ryzen 3 PRO 2200GE	7613	564	NA	NA
AMD Ryzen 3 PRO 2300U	7107	611	NA	NA
AMD Ryzen 3 PRO 3200GE	8147	504	NA	NA
AMD Ryzen 3 PRO 3300U	6888	636	NA	NA
AMD Ryzen 5 1400	8370	484	59.47	\$140.75
AMD Ryzen 5 1500X	10074	326	72.39	\$139.16
AMD Ryzen 5 1600	12284	231	99.19	\$123.85
AMD Ryzen 5 1600X	13201	205	89.81	\$146.99
AMD Ryzen 5 2400G	9316	395	77.71	\$119.89
AMD Ryzen 5 2400GE	8787	450	NA	NA
AMD Ryzen 5 2500U	7358	590	NA	NA
AMD Ryzen 5 2500X	9663	368	NA	NA
AMD Ryzen 5 2600	13499	200	96.43	\$139.99
AMD Ryzen 5 2600H	8366	485	NA	NA
AMD Ryzen 5 2600X	14369	168	90.45	\$158.88
AMD Ryzen 5 3400G	9930	339	66.21	\$149.99
AMD Ryzen 5 3500U	8068	513	NA	NA
AMD Ryzen 5 3550H	8483	476	NA	NA
AMD Ryzen 5 3600	20027	59	101.23	\$197.85
AMD Ryzen 5 3600X	20499	53	85.77	\$239.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 PRO 1500	10133	318	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 PRO 1600	12213	235	NA	NA
AMD Ryzen 5 PRO 2400G	9943	338	NA	NA
AMD Ryzen 5 PRO 2400GE	8561	471	NA	NA
AMD Ryzen 5 PRO 2500U	8292	490	NA	NA
AMD Ryzen 5 PRO 2600	14221	174	NA	NA
AMD Ryzen 5 PRO 3500U	7858	534	NA	NA
AMD Ryzen 5 PRO 3600	21037	52	NA	NA
AMD Ryzen 7 1700	13772	189	51.98	\$264.95
AMD Ryzen 7 1700X	14682	159	89.56	\$163.95
AMD Ryzen 7 1800X	15420	142	60.47	\$254.99
AMD Ryzen 7 2700	15004	151	81.11	\$184.99
AMD Ryzen 7 2700U	7400	585	NA	NA
AMD Ryzen 7 2700X	16960	100	67.87	\$249.88
AMD Ryzen 7 2800H	8498	474	NA	NA
AMD Ryzen 7 3700U	8081	512	NA	NA
AMD Ryzen 7 3700X	23905	27	61.60	\$388.09
AMD Ryzen 7 3750H	9030	425	NA	NA
AMD Ryzen 7 3800X	24593	21	61.49	\$399.99
AMD Ryzen 7 PRO 1700	14171	176	NA	NA
AMD Ryzen 7 PRO 1700X	15324	146	NA	NA
AMD Ryzen 7 PRO 2700	15406	143	NA	NA
AMD Ryzen 7 PRO 2700U	8807	448	NA	NA
AMD Ryzen 7 PRO 2700X	17161	98	NA	NA
AMD Ryzen 7 PRO 3700U	7765	548	NA	NA
AMD Ryzen 9 3900X	31815	1	48.95	\$649.99
AMD Ryzen Embedded R1505G	4889	890	NA	NA
AMD Ryzen Embedded V1202B	4368	995	NA	NA
AMD Ryzen Embedded V1605B	6924	630	NA	NA
AMD Ryzen Embedded V1807B	8604	468	NA	NA
AMD Ryzen Threadripper 1900X	16089	127	76.62	\$209.99
AMD Ryzen Threadripper 1920X	19742	66	48.75	\$404.99
AMD Ryzen Threadripper 1950X	21835	41	44.56	\$489.99
AMD Ryzen Threadripper 2920X	22109	36	60.24	\$367.04
AMD Ryzen Threadripper 2950X	25528	13	38.10	\$669.99
AMD Ryzen Threadripper 2970WX	21846	39	23.49	\$929.99
AMD Ryzen Threadripper 2990WX	23034	31	13.71	\$1,679.99
AMD Ryzen Threadripper 2990X	19227	77	NA	NA
AMD Sempron 130	700	2396	28.03	\$24.99*
AMD Sempron 140	738	2377	18.64	\$39.59*
AMD Sempron 145	807	2349	8.51	\$94.92
AMD Sempron 150	707	2390	15.74	\$44.95*
AMD Sempron 200U	267	2781	3.08	\$87.00*
AMD Sempron 210U	391	2627	NA	NA
AMD Sempron 240	2110	1664	36.39	\$58.00
AMD Sempron 2100+	392	2625	NA	NA
AMD Sempron 2200+	281	2765	9.38	\$29.99*
AMD Sempron 2300+	318	2702	7.07	\$45.00*
AMD Sempron 2400+	314	2709	12.10	\$26.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2500+	335	2685	6.11	\$54.95*
AMD Sempron 2600+	374	2640	10.71	\$34.95
AMD Sempron 2650 APU	947	2273	17.66	\$53.68
AMD Sempron 2800+	383	2631	6.40	\$59.95
AMD Sempron 3000+	408	2598	20.41	\$20.00
AMD Sempron 3100+	452	2552	7.53	\$60.00*
AMD Sempron 3200+	406	2599	3.10	\$131.22*
AMD Sempron 3300+	484	2521	8.07	\$60.00
AMD Sempron 3400+	454	2550	3.47	\$131.22*
AMD Sempron 3500+	379	2634	18.98	\$20.00*
AMD Sempron 3600+	483	2523	40.30	\$12.00*
AMD Sempron 3800+	554	2468	3.62	\$152.92*
AMD Sempron 3850 APU	1715	1846	20.90	\$82.08
AMD Sempron Dual Core 2100	936	2280	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2239	NA	NA
AMD Sempron Dual Core 2300	982	2247	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2272	NA	NA
AMD Sempron Dual Core 4900	1081	2189	NA	NA
AMD Sempron LE-250	490	2510	NA	NA
AMD Sempron LE-1100	438	2569	NA	NA
AMD Sempron LE-1150	444	2560	NA	NA
AMD Sempron LE-1200	528	2482	NA	NA
AMD Sempron LE-1250	543	2473	5.44	\$99.95*
AMD Sempron LE-1300	598	2444	28.51	\$21.00
AMD Sempron LE-1600	535	2478	NA	NA
AMD Sempron LE-1620	635	2426	NA	NA
AMD Sempron LE-1640	759	2367	NA	NA
AMD Sempron M100	566	2464	47.17	\$12.00*
AMD Sempron M120	582	2453	NA	NA
AMD Sempron SI-40	443	2562	36.93	\$12.00*
AMD Sempron SI-42	456	2549	15.22	\$30.01*
AMD Sempron X2 180	1222	2106	17.62	\$69.40*
AMD Sempron X2 190	1512	1958	18.12	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	2001	NA	NA
AMD Turion 64 Mobile MK-36	465	2536	NA	NA
AMD Turion 64 Mobile MK-38	513	2494	NA	NA
AMD Turion 64 Mobile ML-28	390	2628	NA	NA
AMD Turion 64 Mobile ML-30	402	2609	NA	NA
AMD Turion 64 Mobile ML-32	402	2607	NA	NA
AMD Turion 64 Mobile ML-34	425	2585	NA	NA
AMD Turion 64 Mobile ML-37	442	2563	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2488	NA	NA
AMD Turion 64 Mobile ML-42	615	2435	NA	NA
AMD Turion 64 Mobile ML-44	591	2446	NA	NA
AMD Turion 64 Mobile MT-28	419	2587	NA	NA
AMD Turion 64 Mobile MT-30	378	2635	NA	NA
AMD Turion 64 Mobile MT-32	426	2584	NA	NA
AMD Turion 64 Mobile MT-34	429	2580	NA	NA
AMD Turion 64 Mobile MT-37	484	2520	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile MT-40	536	2477	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2373	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2363	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2308	63.89	\$13.95*
AMD Turion 64 X2 Mobile TL-58	947	2276	NA	NA
AMD Turion 64 X2 Mobile TL-60	996	2238	62.48	\$15.95
AMD Turion 64 X2 Mobile TL-62	1087	2183	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1090	2181	27.69	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2155	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2142	12.92	\$90.00*
AMD Turion Dual-Core RM-70	912	2298	36.49	\$25.00*
AMD Turion Dual-Core RM-72	860	2317	21.52	\$39.99*
AMD Turion Dual-Core RM-74	1016	2223	NA	NA
AMD Turion Dual-Core RM-75	1003	2230	36.53	\$27.46*
AMD Turion II Dual-Core Mobile M500	1294	2060	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2053	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	2039	NA	NA
AMD Turion II N530 Dual-Core	1583	1926	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1947	NA	NA
AMD Turion II Neo K625 Dual-Core	975	2250	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2125	NA	NA
AMD Turion II Neo N40L Dual-Core	925	2287	NA	NA
AMD Turion II Neo N54L Dual-Core	1364	2022	NA	NA
AMD Turion II P520 Dual-Core	1359	2027	NA	NA
AMD Turion II P540 Dual-Core	1430	1994	28.65	\$49.95*
AMD Turion II P560 Dual-Core	1514	1956	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	2002	52.55	\$26.76*
AMD Turion II Ultra Dual-Core Mobile M620	1435	1990	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1670	1877	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1945	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2345	NA	NA
AMD Turion X2 Dual Core L510	923	2290	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2318	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2199	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	991	2243	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2186	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2198	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1120	2160	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2150	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1017	2222	16.42	\$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2187	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2112	63.72	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2099	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	2059	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1232	2101	30.86	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2237	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2215	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1981	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD V105	299	2729	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD V120	623	2433	NA	NA
AMD V140	643	2423	12.89	\$49.95*
AMD V160	677	2408	NA	NA
AMD Z-01	523	2487	NA	NA
AMD Z-60 APU	500	2505	NA	NA
AMD-K6 3D	90	2905	NA	NA
AMD-K6-III	108	2902	NA	NA
AMD-K7	403	2606	NA	NA
Athlon 64 Dual Core 3800+	1234	2100	NA	NA
Athlon 64 Dual Core 4200+	1156	2146	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	2019	NA	NA
Athlon 64 Dual Core 5000+	1507	1959	NA	NA
Athlon 64 Dual Core 5400+	1614	1910	NA	NA
Athlon 64 Dual Core 5600+	1548	1938	NA	NA
Athlon Dual Core 4050e	968	2255	NA	NA
Athlon Dual Core 4450e	1204	2116	NA	NA
Athlon Dual Core 4850e	1346	2031	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1393	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1085	2185	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1170	2135	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1201	2119	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	2077	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2115	NA	NA
HP Hexa-Core 2.0GHz	2178	1635	4.32	\$504.27*
Intel 2.80GHz	525	2485	NA	NA
Intel 1300 @ 1.66GHz	857	2320	NA	NA
Intel 1400 @ 1.83GHz	980	2248	NA	NA
Intel 1500 @ 2.00GHz	1024	2217	NA	NA
Intel Atom 230 @ 1.60GHz	307	2716	NA	NA
Intel Atom 330 @ 1.60GHz	587	2450	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2307	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2262	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1674	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1603	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1639	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	1111	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1227	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1285	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1526	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1495	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	900	14.62	\$332.00*
Intel Atom D410 @ 1.66GHz	301	2725	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2677	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2416	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2391	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2604	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2406	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D2560 @ 2.00GHz	711	2387	NA	NA
Intel Atom D2700 @ 2.13GHz	839	2330	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D2701 @ 2.13GHz	720	2384	NA	NA
Intel Atom E660 @ 1.30GHz	271	2777	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2674	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2690	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2455	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2511	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2326	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2143	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	1961	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1775	NA	NA
Intel Atom E3950 @ 1.60GHz	1872	1774	NA	NA
Intel Atom K510 @ 1.66GHz	658	2415	NA	NA
Intel Atom N270 @ 1.60GHz	270	2780	NA	NA
Intel Atom N280 @ 1.66GHz	282	2759	NA	NA
Intel Atom N435 @ 1.33GHz	261	2788	NA	NA
Intel Atom N450 @ 1.66GHz	296	2735	NA	NA
Intel Atom N455 @ 1.66GHz	283	2757	NA	NA
Intel Atom N470 @ 1.83GHz	318	2701	NA	NA
Intel Atom N475 @ 1.83GHz	314	2707	NA	NA
Intel Atom N550 @ 1.50GHz	524	2486	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	572	2460	6.66	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2721	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2483	NA	NA
Intel Atom N2800 @ 1.86GHz	625	2432	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2295	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1692	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2346	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1607	1913	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1193	2122	8.97	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1015	2224	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1270	2081	60.48	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1693	1865	27.07	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1832	1796	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1895	1760	25.74	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1894	1762	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2856	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2832	NA	NA
Intel Atom Z520 @ 1.33GHz	217	2833	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2764	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2671	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2632	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2812	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2463	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2296	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2284	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2303	5.01	\$181.30*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3735G @ 1.33GHz	906	2304	NA	NA
Intel Atom Z3736F @ 1.33GHz	919	2294	NA	NA
Intel Atom Z3740 @ 1.33GHz	1061	2197	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3740D @ 1.33GHz	1025	2216	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2191	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1034	2211	NA	NA
Intel Atom Z3770 @ 1.46GHz	1245	2096	8.34	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2350	NA	NA
Intel Atom Z3775 @ 1.46GHz	1260	2084	36.00	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2074	NA	NA
Intel Atom Z3795 @ 1.60GHz	1774	1816	NA	NA
Intel Celeron 1.70GHz	130	2895	NA	NA
Intel Celeron 1.80GHz	136	2892	NA	NA
Intel Celeron 2.00GHz	182	2868	NA	NA
Intel Celeron 2.10GHz	244	2810	NA	NA
Intel Celeron 2.13GHz	208	2843	NA	NA
Intel Celeron 2.20GHz	213	2838	NA	NA
Intel Celeron 2.26GHz	223	2827	NA	NA
Intel Celeron 2.30GHz	227	2824	NA	NA
Intel Celeron 2.40GHz	217	2834	NA	NA
Intel Celeron 2.50GHz	247	2804	NA	NA
Intel Celeron 2.53GHz	245	2808	NA	NA
Intel Celeron 2.60GHz	238	2815	NA	NA
Intel Celeron 2.66GHz	250	2801	NA	NA
Intel Celeron 2.70GHz	245	2809	NA	NA
Intel Celeron 2.80GHz	254	2794	NA	NA
Intel Celeron 2.93GHz	283	2756	NA	NA
Intel Celeron 3.06GHz	284	2753	NA	NA
Intel Celeron 3.20GHz	288	2746	NA	NA
Intel Celeron 3.33GHz	333	2688	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2696	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2698	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2554	11.27	\$39.99*
Intel Celeron 430 @ 1.80GHz	487	2512	10.34	\$47.18
Intel Celeron 440 @ 2.00GHz	548	2469	18.28	\$29.99
Intel Celeron 450 @ 2.20GHz	625	2431	20.86	\$29.99*
Intel Celeron 530 @ 1.73GHz	471	2532	20.49	\$22.99*
Intel Celeron 540 @ 1.86GHz	521	2489	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2491	7.96	\$64.95
Intel Celeron 560 @ 2.13GHz	531	2480	6.65	\$79.95
Intel Celeron 570 @ 2.26GHz	517	2490	NA	NA
Intel Celeron 600MHz	147	2888	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2602	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2579	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2371	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2649	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2436	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2281	2.97	\$315.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 847E @ 1.10GHz	1021	2220	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2153	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2133	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	2063	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 887 @ 1.50GHz	1280	2073	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2409	23.34	\$28.99
Intel Celeron 925 @ 2.30GHz	691	2401	NA	NA
Intel Celeron 1000M @ 1.80GHz	1675	1874	NA	NA
Intel Celeron 1000MHz	213	2837	NA	NA
Intel Celeron 1005M @ 1.90GHz	1809	1804	NA	NA
Intel Celeron 1007U @ 1.50GHz	1390	2008	7.52	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1513	1957	NA	NA
Intel Celeron 1019Y @ 1.00GHz	946	2277	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1618	NA	NA
Intel Celeron 1037U @ 1.80GHz	1737	1836	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2124	NA	NA
Intel Celeron 1066MHz	259	2790	NA	NA
Intel Celeron 1100MHz	174	2874	NA	NA
Intel Celeron 1133MHz	282	2758	NA	NA
Intel Celeron 1200MHz	244	2811	NA	NA
Intel Celeron 1300MHz	288	2748	NA	NA
Intel Celeron 1333MHz	290	2742	NA	NA
Intel Celeron 1400MHz	302	2722	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1562	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1914	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1984	1715	NA	NA
Intel Celeron 2955U @ 1.40GHz	1417	1998	NA	NA
Intel Celeron 2957U @ 1.40GHz	1434	1991	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2168	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1577	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1923	NA	NA
Intel Celeron 2981U @ 1.60GHz	1447	1986	NA	NA
Intel Celeron 3205U @ 1.50GHz	1499	1964	5.22	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1641	1895	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1858	NA	NA
Intel Celeron 3765U @ 1.90GHz	1948	1734	NA	NA
Intel Celeron 3855U @ 1.60GHz	1686	1868	NA	NA
Intel Celeron 3865U @ 1.80GHz	1912	1752	NA	NA
Intel Celeron 3867U @ 1.80GHz	1843	1789	17.23	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1913	1750	NA	NA
Intel Celeron 3965U @ 2.20GHz	2353	1564	22.00	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1607	1912	15.03	\$107.00*
Intel Celeron 4205U @ 1.80GHz	1953	1731	18.25	\$107.00*
Intel Celeron @ 1.30GHz	965	2256	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2862	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2343	NA	NA
Intel Celeron B800 @ 1.50GHz	1278	2076	NA	NA
Intel Celeron B810 @ 1.60GHz	1395	2006	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron B815 @ 1.60GHz	1365	2021	NA	NA
Intel Celeron B820 @ 1.70GHz	1431	1993	36.44	\$39.29*
Intel Celeron B830 @ 1.80GHz	1515	1955	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1843	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2779	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron D 352 @ 3.20GHz	302	2723	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2704	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2684	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2603	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2524	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2451	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2319	7.80	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1048	2204	14.98	\$69.99
Intel Celeron E1500 @ 2.20GHz	1169	2137	59.51	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2086	NA	NA
Intel Celeron E3200 @ 2.40GHz	1382	2012	26.59	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1387	2010	24.34	\$57.00
Intel Celeron E3400 @ 2.60GHz	1440	1988	2.36	\$610.00*
Intel Celeron E3500 @ 2.70GHz	1454	1980	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	694	2398	13.90	\$49.99*
Intel Celeron G460 @ 1.80GHz	1035	2210	15.93	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2195	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2057	NA	NA
Intel Celeron G530 @ 2.40GHz	2132	1651	53.32	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1844	NA	NA
Intel Celeron G540 @ 2.50GHz	2196	1632	48.82	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1660	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1584	28.63	\$80.00
Intel Celeron G550T @ 2.20GHz	2063	1684	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1537	22.23	\$109.00
Intel Celeron G1101 @ 2.27GHz	1667	1881	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2489	1515	52.97	\$47.00
Intel Celeron G1610T @ 2.30GHz	2270	1599	56.72	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2577	1478	39.66	\$64.99
Intel Celeron G1620T @ 2.40GHz	2353	1567	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1513	35.63	\$69.99
Intel Celeron G1820 @ 2.70GHz	2754	1426	34.43	\$79.99
Intel Celeron G1820T @ 2.40GHz	2500	1512	59.54	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1652	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1493	26.80	\$94.95
Intel Celeron G1840 @ 2.80GHz	2859	1390	31.78	\$90.00
Intel Celeron G1840T @ 2.50GHz	2554	1488	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1370	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3139	1293	69.79	\$44.99
Intel Celeron G3900E @ 2.40GHz	2679	1447	NA	NA
Intel Celeron G3900T @ 2.60GHz	2925	1366	26.01	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1473	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1297	27.40	\$113.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3930 @ 2.90GHz	3036	1326	59.34	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1419	41.96	\$65.93*
Intel Celeron G3930TE @ 2.70GHz	2970	1349	70.72	\$42.00*
Intel Celeron G3950 @ 3.00GHz	3049	1324	42.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3285	1243	73.53	\$44.69
Intel Celeron G4900T @ 2.90GHz	3096	1306	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G4920 @ 3.20GHz	3192	1272	41.74	\$76.50*
Intel Celeron J1750 @ 2.41GHz	1037	2209	NA	NA
Intel Celeron J1800 @ 2.41GHz	1030	2213	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1908	NA	NA
Intel Celeron J1900 @ 1.99GHz	1837	1793	NA	NA
Intel Celeron J3060 @ 1.60GHz	970	2254	NA	NA
Intel Celeron J3160 @ 1.60GHz	1793	1810	NA	NA
Intel Celeron J3355 @ 2.00GHz	1168	2138	NA	NA
Intel Celeron J3455 @ 1.50GHz	2112	1663	5.71	\$369.99
Intel Celeron J4005 @ 2.00GHz	1541	1941	10.97	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2637	1458	24.65	\$107.00*
Intel Celeron M 1.00GHz	207	2844	16.60	\$12.49
Intel Celeron M 1.30GHz	316	2703	NA	NA
Intel Celeron M 1.50GHz	343	2679	NA	NA
Intel Celeron M 1.60GHz	364	2658	NA	NA
Intel Celeron M 1.70GHz	393	2623	NA	NA
Intel Celeron M 360 1.40GHz	328	2692	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2705	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2681	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2651	NA	NA
Intel Celeron M 440 @ 1.86GHz	392	2624	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2796	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2555	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2577	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2540	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2474	NA	NA
Intel Celeron M 600MHz	151	2886	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2548	NA	NA
Intel Celeron M 900MHz	204	2846	NA	NA
Intel Celeron M 1200MHz	275	2774	NA	NA
Intel Celeron M 1300MHz	303	2719	NA	NA
Intel Celeron M 1500MHz	333	2689	NA	NA
Intel Celeron M ULV 800MHz	184	2866	NA	NA
Intel Celeron N2805 @ 1.46GHz	460	2545	NA	NA
Intel Celeron N2806 @ 1.60GHz	796	2351	NA	NA
Intel Celeron N2807 @ 1.58GHz	856	2321	NA	NA
Intel Celeron N2808 @ 1.58GHz	908	2302	NA	NA
Intel Celeron N2810 @ 2.00GHz	787	2356	5.62	\$139.99*
Intel Celeron N2815 @ 1.86GHz	851	2325	NA	NA
Intel Celeron N2820 @ 2.13GHz	923	2289	4.40	\$209.99
Intel Celeron N2830 @ 2.16GHz	955	2268	NA	NA
Intel Celeron N2840 @ 2.16GHz	1002	2232	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2910 @ 1.60GHz	1203	2117	NA	NA
Intel Celeron N2920 @ 1.86GHz	1500	1963	NA	NA
Intel Celeron N2930 @ 1.83GHz	1628	1903	NA	NA
Intel Celeron N2940 @ 1.83GHz	1730	1838	NA	NA
Intel Celeron N3000 @ 1.04GHz	909	2300	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2257	NA	NA
Intel Celeron N3050 @ 1.60GHz	878	2310	5.80	\$151.47
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N3060 @ 1.60GHz	990	2244	NA	NA
Intel Celeron N3150 @ 1.60GHz	1657	1887	NA	NA
Intel Celeron N3160 @ 1.60GHz	1664	1883	5.38	\$309.19
Intel Celeron N3350 @ 1.10GHz	1112	2166	NA	NA
Intel Celeron N3450 @ 1.10GHz	1844	1786	11.91	\$154.82
Intel Celeron N4000 @ 1.10GHz	1433	1992	13.40	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2255	1607	21.07	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1119	2161	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2241	NA	NA
Intel Celeron P4600 @ 2.00GHz	1338	2037	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2360	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2271	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2200	35.29	\$29.99*
Intel Celeron U1900 @ 1.99GHz	1704	1857	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2382	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2403	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2348	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1050	2203	6.57	\$159.95*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2145	23.15	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1270	2078	17.84	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1384	2011	8.77	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	1972	54.88	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1108	2170	85.34	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2126	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1288	2065	43.03	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1361	2024	27.24	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	1983	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1965	100.25	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1554	1937	103.67	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1866	56.45	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1714	1847	166.48	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1946	1735	38.94	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1628	1904	33.24	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1725	1840	43.26	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1769	1818	61.04	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1773	125.08	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1965	1724	16.39	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1556	1935	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1761	1820	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1884	1769	37.70	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1727	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8290 @ 2.83GHz	2353	1565	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1989	1712	99.53	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1785	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1656	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2149	1646	47.24	\$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2127	1657	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2281	1590	57.06	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2400	1547	56.54	\$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	1625	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2365	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2404	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2339	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2327	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	959	2264	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2251	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2163	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1074	2194	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1345	2032	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	2064	64.48	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1307	2052	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	1999	35.43	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2278	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1951	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1452	1982	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2219	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1454	1979	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1944	31.24	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1906	42.76	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1834	30.55	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1933	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1753	1828	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1754	1826	17.72	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1864	1779	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2015	1702	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2449	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2091	4.95	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1677	1873	5.91	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	925	2285	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	833	2334	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	839	2333	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2344	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	932	2282	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2297	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2301	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2291	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1038	2208	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2214	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	993	2242	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5750 @ 2.00GHz	1094	2180	109.58	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1116	2164	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1200	2120	75.48	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1150	2149	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1208	2113	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2104	81.82	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1285	2069	85.77	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1259	2085	32.71	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1360	2025	71.99	\$18.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T6670 @ 2.20GHz	1360	2026	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1018	2221	46.33	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	2139	11.69	\$99.95
Intel Core2 Duo T7250 @ 2.00GHz	1116	2162	5.54	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1193	2121	38.50	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1250	2092	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1270	2079	29.56	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1378	2016	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1423	1996	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1597	1920	2.63	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1297	2058	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1473	1974	13.52	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1673	1875	28.86	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1739	1835	24.86	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1797	1808	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1805	1806	6.04	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1742	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2016	1701	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2133	1650	5.35	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	874	2313	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2447	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2411	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2397	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	855	2323	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1128	2158	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1867	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1149	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3632	1152	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1199	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1875	1772	7.11	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1807	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2041	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1870	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1763	4.62	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2068	1681	2.43	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4156	1038	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	969	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	942	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	934	2.57	\$1,805.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q6600 @ 2.40GHz	2948	1355	73.75	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3281	1245	72.94	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2810	1406	122.25	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2979	1343	59.61	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3161	1286	13.18	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2525	1497	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1257	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3159	1288	15.84	\$199.50*
Intel Core2 Quad Q9400 @ 2.66GHz	3340	1232	69.55	\$48.03*
Intel Core2 Quad Q9450 @ 2.66GHz	3757	1125	105.26	\$35.70*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9500 @ 2.83GHz	3518	1184	100.57	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3539	1177	18.63	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3963	1074	89.09	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4159	1037	37.83	\$109.95
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1078	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2662	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2712	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2589	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	464	2537	NA	NA
Intel Core 330 @ 1.60GHz	643	2422	NA	NA
Intel Core 860 @ 2.80GHz	4555	955	26.96	\$169.00*
Intel Core Duo L2300 @ 1.50GHz	719	2385	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2394	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2372	NA	NA
Intel Core Duo T2050 @ 1.60GHz	694	2399	NA	NA
Intel Core Duo T2250 @ 1.73GHz	754	2369	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2380	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2364	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2353	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2338	NA	NA
Intel Core Duo T2500 @ 2.00GHz	867	2315	7.23	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2279	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2218	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2471	NA	NA
Intel Core Duo U2500 @ 1.20GHz	511	2497	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1739	NA	NA
Intel Core i3-330M @ 2.13GHz	1785	1813	11.16	\$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2193	NA	NA
Intel Core i3-350M @ 2.27GHz	1891	1765	17.36	\$108.95*
Intel Core i3-370M @ 2.40GHz	2015	1703	50.43	\$39.96*
Intel Core i3-380M @ 2.53GHz	2092	1670	9.97	\$209.95*
Intel Core i3-380UM @ 1.33GHz	1157	2144	NA	NA
Intel Core i3-390M @ 2.67GHz	2167	1641	55.65	\$38.95*
Intel Core i3-530 @ 2.93GHz	2565	1484	23.76	\$108.00
Intel Core i3-540 @ 3.07GHz	2687	1445	20.68	\$129.99
Intel Core i3-550 @ 3.20GHz	2829	1396	16.10	\$175.74
Intel Core i3-560 @ 3.33GHz	2934	1360	16.31	\$179.95*
Intel Core i3-2100 @ 3.10GHz	3691	1143	67.13	\$54.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2100T @ 2.50GHz	2967	1350	49.46	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1130	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3712	1138	32.29	\$114.99*
Intel Core i3-2120 @ 3.30GHz	3930	1084	56.15	\$70.00
Intel Core i3-2120T @ 2.60GHz	3166	1283	126.69	\$24.99
Intel Core i3-2125 @ 3.30GHz	4015	1061	19.40	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4073	1052	35.43	\$114.99
Intel Core i3-2140 @ 3.50GHz	4325	1004	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1392	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2432	1534	54.07	\$44.99
Intel Core i3-2312M @ 2.10GHz	2374	1557	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2328M @ 2.20GHz	2545	1491	27.38	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1314	NA	NA
Intel Core i3-2330M @ 2.20GHz	2525	1496	50.56	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1554	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1842	NA	NA
Intel Core i3-2348M @ 2.30GHz	2621	1463	NA	NA
Intel Core i3-2350M @ 2.30GHz	2629	1461	18.79	\$139.95*
Intel Core i3-2357M @ 1.30GHz	1556	1936	NA	NA
Intel Core i3-2365M @ 1.40GHz	1677	1872	NA	NA
Intel Core i3-2367M @ 1.40GHz	1708	1854	NA	NA
Intel Core i3-2370M @ 2.40GHz	2778	1415	69.79	\$39.81
Intel Core i3-2375M @ 1.50GHz	1769	1817	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1800	NA	NA
Intel Core i3-3110M @ 2.40GHz	3081	1311	38.54	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3224	1263	29.32	\$110.00*
Intel Core i3-3130M @ 2.60GHz	3384	1217	NA	NA
Intel Core i3-3210 @ 3.20GHz	4041	1057	20.31	\$199.00
Intel Core i3-3217U @ 1.80GHz	2301	1582	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1643	NA	NA
Intel Core i3-3220 @ 3.30GHz	4244	1020	77.18	\$54.99
Intel Core i3-3220T @ 2.80GHz	3693	1141	29.55	\$125.00
Intel Core i3-3225 @ 3.30GHz	4344	1001	13.37	\$324.99
Intel Core i3-3227U @ 1.90GHz	2468	1522	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1860	NA	NA
Intel Core i3-3240 @ 3.40GHz	4318	1007	86.37	\$50.00
Intel Core i3-3240T @ 2.90GHz	3655	1150	NA	NA
Intel Core i3-3245 @ 3.40GHz	4444	978	25.84	\$172.01
Intel Core i3-3250 @ 3.50GHz	4450	976	46.85	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1155	NA	NA
Intel Core i3-4000M @ 2.40GHz	3257	1252	16.29	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2444	1530	NA	NA
Intel Core i3-4010U @ 1.70GHz	2440	1531	8.45	\$289.00
Intel Core i3-4010Y @ 1.30GHz	1900	1758	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2164	1642	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2212	1626	NA	NA
Intel Core i3-4025U @ 1.90GHz	2787	1413	NA	NA
Intel Core i3-4030U @ 1.90GHz	2716	1437	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4030Y @ 1.60GHz	2507	1508	NA	NA
Intel Core i3-4100M @ 2.50GHz	3417	1206	15.64	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	1090	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1379	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1323	NA	NA
Intel Core i3-4130 @ 3.40GHz	4806	907	53.40	\$90.00
Intel Core i3-4130T @ 2.90GHz	4147	1040	46.61	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4899	889	49.49	\$99.00
Intel Core i3-4150T @ 3.00GHz	4237	1021	18.43	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1367	NA	NA
Intel Core i3-4160 @ 3.60GHz	5050	857	46.34	\$109.00
Intel Core i3-4160T @ 3.10GHz	4452	975	29.69	\$149.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4170 @ 3.70GHz	5192	830	19.98	\$259.95
Intel Core i3-4170T @ 3.20GHz	4545	961	21.65	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5086	843	27.64	\$184.00
Intel Core i3-4330T @ 3.00GHz	4485	973	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1269	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	824	30.84	\$169.99*
Intel Core i3-4350 @ 3.60GHz	4990	869	29.36	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	1012	NA	NA
Intel Core i3-4360 @ 3.70GHz	5461	790	21.09	\$259.00
Intel Core i3-4360T @ 3.20GHz	4636	936	NA	NA
Intel Core i3-4370 @ 3.80GHz	5613	767	18.17	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4870	891	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	881	NA	NA
Intel Core i3-5005U @ 2.00GHz	2908	1372	NA	NA
Intel Core i3-5010U @ 2.10GHz	3057	1319	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	2992	1339	NA	NA
Intel Core i3-5020U @ 2.20GHz	3202	1268	6.98	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3663	1148	NA	NA
Intel Core i3-6006U @ 2.00GHz	3082	1310	NA	NA
Intel Core i3-6098P @ 3.60GHz	5400	797	40.38	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5482	782	45.79	\$119.75
Intel Core i3-6100E @ 2.70GHz	3769	1118	NA	NA
Intel Core i3-6100H @ 2.70GHz	4222	1025	NA	NA
Intel Core i3-6100T @ 3.20GHz	4854	899	35.96	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	4304	1011	NA	NA
Intel Core i3-6100U @ 2.30GHz	3604	1159	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	1102	NA	NA
Intel Core i3-6300 @ 3.80GHz	5845	739	25.52	\$229.00
Intel Core i3-6300T @ 3.30GHz	5247	823	33.86	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6047	718	15.67	\$385.99*
Intel Core i3-7020U @ 2.30GHz	3522	1183	12.53	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5782	744	32.30	\$179.00
Intel Core i3-7100H @ 3.00GHz	4627	941	20.57	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5056	856	35.22	\$143.56*
Intel Core i3-7100U @ 2.40GHz	3766	1120	9.90	\$380.64*
Intel Core i3-7101TE @ 3.40GHz	5189	831	44.36	\$117.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7102E @ 2.10GHz	3266	1246	14.52	\$225.00*
Intel Core i3-7130U @ 2.70GHz	4057	1054	14.44	\$281.00*
Intel Core i3-7167U @ 2.80GHz	4757	916	NA	NA
Intel Core i3-7300 @ 4.00GHz	6328	689	36.83	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	803	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6417	679	35.12	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6599	664	38.15	\$172.99
Intel Core i3-8100 @ 3.60GHz	8031	518	51.60	\$155.65
Intel Core i3-8100B @ 3.60GHz	8544	472	64.24	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7368	588	53.01	\$139.00
Intel Core i3-8109U @ 3.00GHz	6176	701	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	911	NA	NA
Intel Core i3-8130U @ 2.20GHz	5027	862	17.89	\$281.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8145U @ 2.10GHz	5510	780	19.61	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8700	458	48.10	\$180.90
Intel Core i3-8300T @ 3.20GHz	8032	517	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9218	404	46.38	\$198.75
Intel Core i3-9100 @ 3.60GHz	9094	416	50.82	\$178.95
Intel Core i3-9100F @ 3.60GHz	9036	424	100.41	\$89.99
Intel Core i3-9100T @ 3.10GHz	7689	554	63.03	\$122.00*
Intel Core i3-9300 @ 3.70GHz	10018	329	65.91	\$152.00*
Intel Core i3-9300T @ 3.20GHz	8777	452	61.38	\$143.00*
Intel Core i3-9350KF @ 4.00GHz	10606	289	49.61	\$213.81
Intel Core i3-21050 @ 3.10GHz	3862	1094	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1631	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1517	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3614	1156	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3793	1113	NA	NA
Intel Core i5-430M @ 2.27GHz	2095	1669	14.97	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	2036	NA	NA
Intel Core i5-450M @ 2.40GHz	2129	1655	66.64	\$31.95*
Intel Core i5-460M @ 2.53GHz	2323	1571	29.06	\$79.95*
Intel Core i5-470UM @ 1.33GHz	1081	2190	NA	NA
Intel Core i5-480M @ 2.67GHz	2402	1544	29.81	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1612	NA	NA
Intel Core i5-520M @ 2.40GHz	2368	1559	33.84	\$69.99*
Intel Core i5-520UM @ 1.07GHz	1351	2029	NA	NA
Intel Core i5-540M @ 2.53GHz	2453	1527	12.91	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	2018	NA	NA
Intel Core i5-560M @ 2.67GHz	2578	1477	31.46	\$81.97
Intel Core i5-560UM @ 1.33GHz	1664	1884	NA	NA
Intel Core i5-580M @ 2.67GHz	2580	1476	23.47	\$109.95*
Intel Core i5-650 @ 3.20GHz	3097	1305	36.45	\$84.99*
Intel Core i5-655K @ 3.20GHz	3386	1216	56.45	\$59.99*
Intel Core i5-660 @ 3.33GHz	3250	1254	9.29	\$349.95*
Intel Core i5-661 @ 3.33GHz	3187	1274	13.86	\$229.99*
Intel Core i5-670 @ 3.47GHz	3313	1237	11.88	\$279.00
Intel Core i5-680 @ 3.60GHz	3512	1186	39.03	\$89.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-750 @ 2.67GHz	3689	1144	17.86	\$206.56*
Intel Core i5-760 @ 2.80GHz	3885	1089	43.18	\$89.99*
Intel Core i5-2300 @ 2.80GHz	5363	805	67.06	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5531	777	29.69	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5770	746	36.06	\$160.00*
Intel Core i5-2380P @ 3.10GHz	5749	750	31.94	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4223	1024	42.27	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5969	723	86.51	\$69.00
Intel Core i5-2400S @ 2.50GHz	4985	871	27.39	\$182.00
Intel Core i5-2405S @ 2.50GHz	5082	845	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3168	1280	44.01	\$72.00
Intel Core i5-2415M @ 2.30GHz	3299	1240	NA	NA
Intel Core i5-2430M @ 2.40GHz	3285	1244	36.87	\$89.11*
Intel Core i5-2435M @ 2.40GHz	3227	1262	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2450M @ 2.50GHz	3401	1210	38.65	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6149	705	68.34	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2322	1572	NA	NA
Intel Core i5-2500 @ 3.30GHz	6344	687	115.36	\$55.00
Intel Core i5-2500K @ 3.30GHz	6476	672	14.91	\$434.26*
Intel Core i5-2500S @ 2.70GHz	5375	802	71.68	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4647	933	51.64	\$89.99
Intel Core i5-2510E @ 2.50GHz	3483	1192	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1238	NA	NA
Intel Core i5-2520M @ 2.50GHz	3592	1161	21.18	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2081	1676	NA	NA
Intel Core i5-2540M @ 2.60GHz	3786	1115	65.26	\$58.02
Intel Core i5-2550K @ 3.40GHz	6668	656	35.10	\$190.00*
Intel Core i5-2557M @ 1.70GHz	2693	1443	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1126	NA	NA
Intel Core i5-3210M @ 2.50GHz	3828	1104	51.72	\$74.02*
Intel Core i5-3230M @ 2.60GHz	3942	1081	17.39	\$226.77*
Intel Core i5-3317U @ 1.70GHz	3091	1307	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4131	1042	55.05	\$75.05*
Intel Core i5-3330 @ 3.00GHz	5947	725	29.74	\$200.00*
Intel Core i5-3330S @ 2.70GHz	5678	757	59.78	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	743	NA	NA
Intel Core i5-3337U @ 1.80GHz	3229	1260	14.35	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1624	NA	NA
Intel Core i5-3340 @ 3.10GHz	6098	713	20.81	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4246	1019	53.12	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	738	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6151	704	41.01	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4436	979	47.80	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4435	981	NA	NA
Intel Core i5-3427U @ 1.80GHz	3548	1174	8.45	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3630	1153	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1363	NA	NA
Intel Core i5-3450 @ 3.10GHz	6538	669	28.51	\$229.35

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3450S @ 2.80GHz	6229	695	44.81	\$139.00
Intel Core i5-3470 @ 3.20GHz	6719	653	80.00	\$83.99
Intel Core i5-3470S @ 2.90GHz	6379	684	48.81	\$130.69
Intel Core i5-3470T @ 2.90GHz	4488	972	14.53	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6612	662	46.08	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6964	622	69.65	\$99.99
Intel Core i5-3550S @ 3.00GHz	6910	633	20.95	\$329.95*
Intel Core i5-3570 @ 3.40GHz	7136	608	89.22	\$79.99
Intel Core i5-3570K @ 3.40GHz	7177	605	23.93	\$299.99
Intel Core i5-3570S @ 3.10GHz	6748	649	23.68	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5914	730	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3898	1088	NA	NA
Intel Core i5-4200H @ 2.80GHz	4449	977	NA	NA
Intel Core i5-4200M @ 2.50GHz	4036	1058	49.76	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3295	1242	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4200Y @ 1.40GHz	2407	1543	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2262	1602	NA	NA
Intel Core i5-4210H @ 2.90GHz	4532	964	NA	NA
Intel Core i5-4210M @ 2.60GHz	4203	1029	13.56	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3406	1209	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2378	1555	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1580	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1378	NA	NA
Intel Core i5-4250U @ 1.30GHz	3452	1200	9.62	\$359.00*
Intel Core i5-4258U @ 2.40GHz	4085	1050	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1168	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	996	NA	NA
Intel Core i5-4288U @ 2.60GHz	4306	1010	NA	NA
Intel Core i5-4300M @ 2.60GHz	4434	982	NA	NA
Intel Core i5-4300U @ 1.90GHz	3744	1129	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2502	1510	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1346	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	1026	NA	NA
Intel Core i5-4310M @ 2.70GHz	4649	931	NA	NA
Intel Core i5-4310U @ 2.00GHz	3768	1119	NA	NA
Intel Core i5-4330M @ 2.80GHz	4547	959	16.54	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4861	898	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1157	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	958	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1079	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1408	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6339	688	24.53	\$258.41
Intel Core i5-4430S @ 2.70GHz	5937	728	37.11	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6515	670	13.11	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6255	694	13.51	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6720	652	28.24	\$238.00
Intel Core i5-4460S @ 2.90GHz	6426	677	9.74	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4961	877	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4570 @ 3.20GHz	7151	607	64.44	\$110.97
Intel Core i5-4570R @ 2.70GHz	6756	647	NA	NA
Intel Core i5-4570S @ 2.90GHz	6832	639	30.37	\$224.99
Intel Core i5-4570T @ 2.90GHz	4818	902	32.12	\$149.99*
Intel Core i5-4570TE @ 2.70GHz	3827	1106	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7335	592	57.24	\$128.14
Intel Core i5-4590S @ 3.00GHz	7068	615	39.71	\$178.00
Intel Core i5-4590T @ 2.00GHz	5613	768	26.74	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7465	575	32.18	\$232.00
Intel Core i5-4670K @ 3.40GHz	7635	562	29.37	\$259.95
Intel Core i5-4670K CPT @ 3.40GHz	7411	584	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	583	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7386	586	34.68	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6168	703	23.81	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7686	555	32.85	\$234.00
Intel Core i5-4690K @ 3.50GHz	7796	544	50.63	\$154.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4690S @ 3.20GHz	7426	580	20.68	\$359.21
Intel Core i5-4690T @ 2.50GHz	6565	666	NA	NA
Intel Core i5-5200U @ 2.20GHz	3490	1189	NA	NA
Intel Core i5-5250U @ 1.60GHz	3590	1163	8.13	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4410	988	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	924	NA	NA
Intel Core i5-5300U @ 2.30GHz	3827	1105	7.42	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3534	1180	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	573	NA	NA
Intel Core i5-5675C @ 3.10GHz	8191	500	26.43	\$309.95*
Intel Core i5-5675R @ 3.10GHz	7991	526	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4147	1039	NA	NA
Intel Core i5-6200U @ 2.30GHz	4023	1059	NA	NA
Intel Core i5-6260U @ 1.80GHz	4363	997	8.41	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4962	876	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	917	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6093	714	NA	NA
Intel Core i5-6300U @ 2.40GHz	4371	993	NA	NA
Intel Core i5-6360U @ 2.00GHz	4686	927	NA	NA
Intel Core i5-6400 @ 2.70GHz	6764	645	19.89	\$340.03*
Intel Core i5-6400T @ 2.20GHz	5616	764	21.61	\$259.95*
Intel Core i5-6402P @ 2.80GHz	7120	610	37.48	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	696	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6806	641	NA	NA
Intel Core i5-6500 @ 3.20GHz	7250	599	45.07	\$160.89
Intel Core i5-6500T @ 2.50GHz	6294	690	43.41	\$144.99*
Intel Core i5-6500TE @ 2.30GHz	6579	665	31.33	\$209.99*
Intel Core i5-6600 @ 3.30GHz	7781	547	29.68	\$262.13
Intel Core i5-6600K @ 3.50GHz	8061	515	30.64	\$263.11*
Intel Core i5-6600T @ 2.70GHz	7342	591	24.48	\$299.95*
Intel Core i5-7200U @ 2.50GHz	4600	947	NA	NA
Intel Core i5-7260U @ 2.20GHz	5668	759	11.11	\$509.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7267U @ 3.10GHz	4976	873	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	763	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6782	643	NA	NA
Intel Core i5-7300U @ 2.60GHz	5187	832	10.97	\$472.75
Intel Core i5-7360U @ 2.30GHz	5882	734	NA	NA
Intel Core i5-7400 @ 3.00GHz	7318	593	37.15	\$196.99*
Intel Core i5-7400T @ 2.40GHz	6403	680	30.34	\$211.07
Intel Core i5-7440HQ @ 2.80GHz	7664	560	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	6262	693	25.05	\$250.00*
Intel Core i5-7500 @ 3.40GHz	8019	520	37.14	\$215.91
Intel Core i5-7500T @ 2.70GHz	7000	619	30.31	\$230.99
Intel Core i5-7600 @ 3.50GHz	8726	457	35.76	\$243.99
Intel Core i5-7600K @ 3.80GHz	9113	414	33.28	\$273.84
Intel Core i5-7600T @ 2.80GHz	8111	511	32.69	\$248.13
Intel Core i5-7640X @ 4.00GHz	9545	376	53.86	\$177.21
Intel Core i5-8200Y @ 1.30GHz	4206	1028	14.46	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4284	1014	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8250U @ 1.60GHz	7678	558	NA	NA
Intel Core i5-8259U @ 2.30GHz	11019	267	14.16	\$778.13
Intel Core i5-8265U @ 1.60GHz	7975	528	26.85	\$297.00*
Intel Core i5-8265UC @ 1.60GHz	8016	522	NA	NA
Intel Core i5-8300H @ 2.30GHz	9490	380	37.96	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8947	438	NA	NA
Intel Core i5-8350U @ 1.70GHz	8208	497	27.64	\$297.00*
Intel Core i5-8365U @ 1.60GHz	8413	480	28.33	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11649	249	50.79	\$229.39
Intel Core i5-8400H @ 2.50GHz	10226	310	40.91	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9576	372	53.50	\$179.00
Intel Core i5-8500 @ 3.00GHz	11902	242	47.80	\$249.00
Intel Core i5-8500B @ 3.00GHz	12756	216	66.44	\$192.00*
Intel Core i5-8500T @ 2.10GHz	10029	328	42.80	\$234.36*
Intel Core i5-8600 @ 3.10GHz	12611	222	45.49	\$277.21*
Intel Core i5-8600K @ 3.60GHz	12756	217	45.33	\$281.39
Intel Core i5-8600T @ 2.30GHz	10917	273	29.75	\$366.99
Intel Core i5-9300H @ 2.40GHz	9833	351	39.33	\$250.00*
Intel Core i5-9400 @ 2.90GHz	11833	244	62.29	\$189.99
Intel Core i5-9400F @ 2.90GHz	12134	237	83.69	\$144.99
Intel Core i5-9400H @ 2.50GHz	10567	292	42.27	\$250.00*
Intel Core i5-9400T @ 1.80GHz	10606	288	NA	NA
Intel Core i5-9500 @ 3.00GHz	12264	234	60.72	\$202.00*
Intel Core i5-9500T @ 2.20GHz	10726	282	55.87	\$192.00*
Intel Core i5-9600K @ 3.70GHz	13528	198	55.22	\$244.99
Intel Core i5-9600KF @ 3.70GHz	13934	181	61.93	\$224.99
Intel Core i5-24050S @ 2.50GHz	4928	882	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3733	1131	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1721	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1492	NA	NA
Intel Core i7-620LM @ 2.00GHz	1954	1730	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-620M @ 2.67GHz	2720	1435	24.73	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	2044	NA	NA
Intel Core i7-640LM @ 2.13GHz	2249	1609	NA	NA
Intel Core i7-640M @ 2.80GHz	2827	1397	14.14	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1638	1897	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1832	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1850	NA	NA
Intel Core i7-720QM @ 1.60GHz	3009	1331	27.37	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3191	1273	19.95	\$159.95*
Intel Core i7-820QM @ 1.73GHz	3221	1264	13.43	\$239.95*
Intel Core i7-840QM @ 1.87GHz	3411	1208	11.76	\$289.97
Intel Core i7-860 @ 2.80GHz	4997	868	17.24	\$289.95
Intel Core i7-860S @ 2.53GHz	4711	921	23.56	\$199.99*
Intel Core i7-870 @ 2.93GHz	5322	812	55.82	\$95.35
Intel Core i7-870S @ 2.67GHz	4849	901	NA	NA
Intel Core i7-875K @ 2.93GHz	5405	794	15.59	\$346.78*
Intel Core i7-880 @ 3.07GHz	5505	781	9.44	\$583.00*
Intel Core i7-920 @ 2.67GHz	4913	886	148.92	\$32.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-920XM @ 2.00GHz	3727	1132	9.32	\$399.95*
Intel Core i7-930 @ 2.80GHz	5132	837	46.66	\$109.99
Intel Core i7-940 @ 2.93GHz	5336	810	51.32	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3967	1071	NA	NA
Intel Core i7-950 @ 3.07GHz	5537	775	17.87	\$309.99
Intel Core i7-960 @ 3.20GHz	5799	742	21.34	\$271.72*
Intel Core i7-965 @ 3.20GHz	5852	736	41.81	\$139.99*
Intel Core i7-970 @ 3.20GHz	8351	487	16.71	\$499.95*
Intel Core i7-975 @ 3.33GHz	6121	709	14.75	\$414.90*
Intel Core i7-980 @ 3.33GHz	8642	465	43.22	\$199.98*
Intel Core i7-980X @ 3.33GHz	8736	455	9.60	\$909.99*
Intel Core i7-985 @ 3.47GHz	6641	660	NA	NA
Intel Core i7-990X @ 3.47GHz	9047	422	25.85	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	355	NA	NA
Intel Core i7-2600 @ 3.40GHz	8185	501	88.03	\$92.99
Intel Core i7-2600K @ 3.40GHz	8420	479	52.63	\$159.98
Intel Core i7-2600S @ 2.80GHz	7091	612	27.70	\$255.99
Intel Core i7-2610UE @ 1.50GHz	2481	1520	NA	NA
Intel Core i7-2617M @ 1.50GHz	2813	1404	NA	NA
Intel Core i7-2620M @ 2.70GHz	3841	1099	22.62	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5522	778	24.02	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1475	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5468	787	NA	NA
Intel Core i7-2637M @ 1.70GHz	2911	1369	NA	NA
Intel Core i7-2640M @ 2.80GHz	3921	1087	32.69	\$119.95
Intel Core i7-2655LE @ 2.20GHz	3229	1261	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5879	735	42.48	\$138.40*
Intel Core i7-2675QM @ 2.20GHz	5537	776	NA	NA
Intel Core i7-2677M @ 1.80GHz	2826	1398	NA	NA
Intel Core i7-2700K @ 3.50GHz	8681	462	29.24	\$296.90

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2710QE @ 2.10GHz	5768	747	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	804	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6104	711	32.13	\$189.95
Intel Core i7-2760QM @ 2.40GHz	6563	667	31.26	\$209.95*
Intel Core i7-2820QM @ 2.30GHz	6644	659	34.79	\$191.02*
Intel Core i7-2840QM @ 2.40GHz	6766	644	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6963	623	12.87	\$541.00*
Intel Core i7-2920XM @ 2.50GHz	6998	620	15.89	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	602	17.62	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3581	1165	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3376	1221	NA	NA
Intel Core i7-3520M @ 2.90GHz	4546	960	34.44	\$132.02*
Intel Core i7-3537U @ 2.00GHz	3842	1098	NA	NA
Intel Core i7-3540M @ 3.00GHz	4661	929	10.84	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1072	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	668	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7458	577	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	655	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6817	640	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3615QE @ 2.30GHz	7458	576	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7383	587	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7580	565	31.72	\$239.00
Intel Core i7-3632QM @ 2.20GHz	6930	629	30.14	\$229.95*
Intel Core i7-3635QM @ 2.40GHz	6665	657	NA	NA
Intel Core i7-3667U @ 2.00GHz	4002	1064	NA	NA
Intel Core i7-3687U @ 2.10GHz	4190	1030	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1266	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8121	509	22.37	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	8317	489	34.67	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9278	399	68.73	\$135.00
Intel Core i7-3770K @ 3.50GHz	9506	377	30.67	\$310.00
Intel Core i7-3770S @ 3.10GHz	8893	442	30.15	\$294.99
Intel Core i7-3770T @ 2.50GHz	8208	498	24.87	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8990	431	42.83	\$209.90
Intel Core i7-3820QM @ 2.70GHz	8404	481	29.49	\$285.00*
Intel Core i7-3840QM @ 2.80GHz	8778	451	30.37	\$289.05*
Intel Core i7-3920XM @ 2.90GHz	9118	412	8.32	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11979	240	23.73	\$504.85*
Intel Core i7-3940XM @ 3.00GHz	9221	403	17.11	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12581	223	13.11	\$959.78*
Intel Core i7-3970X @ 3.50GHz	12677	221	15.65	\$809.99*
Intel Core i7-4500U @ 1.80GHz	3791	1114	NA	NA
Intel Core i7-4510U @ 2.00GHz	3923	1085	NA	NA
Intel Core i7-4550U @ 1.50GHz	3717	1135	NA	NA
Intel Core i7-4558U @ 2.80GHz	4401	989	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	1003	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	913	NA	NA
Intel Core i7-4600M @ 2.90GHz	4903	888	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4600U @ 2.10GHz	4093	1049	NA	NA
Intel Core i7-4610M @ 3.00GHz	4906	887	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1128	NA	NA
Intel Core i7-4650U @ 1.70GHz	3959	1077	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	604	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7725	550	20.17	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7682	556	40.65	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7425	582	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7125	609	21.14	\$337.04*
Intel Core i7-4710HQ @ 2.50GHz	7723	551	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7982	527	29.39	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7527	569	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7197	603	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7993	524	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8067	514	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8199	499	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8735	456	NA	NA
Intel Core i7-4765T @ 2.00GHz	7302	596	18.26	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9778	358	46.56	\$210.00
Intel Core i7-4770HQ @ 2.20GHz	8953	436	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4770K @ 3.50GHz	10074	325	29.37	\$343.00
Intel Core i7-4770R @ 3.20GHz	9822	353	NA	NA
Intel Core i7-4770S @ 3.10GHz	9351	392	37.41	\$249.99*
Intel Core i7-4770T @ 2.50GHz	8585	469	21.46	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	651	NA	NA
Intel Core i7-4771 @ 3.50GHz	9865	348	16.17	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7637	561	NA	NA
Intel Core i7-4790 @ 3.60GHz	9987	335	55.42	\$180.23
Intel Core i7-4790K @ 4.00GHz	11169	260	36.15	\$309.00
Intel Core i7-4790S @ 3.20GHz	9574	373	20.72	\$462.00
Intel Core i7-4790T @ 2.70GHz	9068	419	25.26	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8445	478	45.62	\$185.12*
Intel Core i7-4810MQ @ 2.80GHz	8647	464	45.53	\$189.95*
Intel Core i7-4820K @ 3.70GHz	9709	365	44.14	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9056	421	20.87	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7899	532	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9271	400	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9351	391	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8974	433	15.30	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9334	394	20.30	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13006	211	27.34	\$475.66
Intel Core i7-4930MX @ 3.00GHz	9481	383	8.65	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9885	346	13.92	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9846	350	15.80	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13796	188	17.92	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10287	308	NA	NA
Intel Core i7-5500U @ 2.40GHz	3977	1069	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1097	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5557U @ 3.10GHz	4950	879	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4319	1006	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	1023	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	502	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	493	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8354	486	NA	NA
Intel Core i7-5775C @ 3.30GHz	10976	269	15.99	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10868	277	NA	NA
Intel Core i7-5820K @ 3.30GHz	12975	212	44.90	\$289.00
Intel Core i7-5850EQ @ 2.70GHz	9817	354	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	384	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13622	196	15.45	\$881.89*
Intel Core i7-5950HQ @ 2.90GHz	10850	278	NA	NA
Intel Core i7-5960X @ 3.00GHz	15945	132	16.61	\$959.99*
Intel Core i7-6498DU @ 2.50GHz	4538	963	NA	NA
Intel Core i7-6500U @ 2.50GHz	4430	984	11.27	\$393.00*
Intel Core i7-6560U @ 2.20GHz	4815	903	NA	NA
Intel Core i7-6567U @ 3.30GHz	5615	765	NA	NA
Intel Core i7-6600U @ 2.60GHz	4805	908	NA	NA
Intel Core i7-6650U @ 2.20GHz	4969	875	NA	NA
Intel Core i7-6700 @ 3.40GHz	10004	333	29.86	\$334.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6700HQ @ 2.60GHz	8132	506	21.52	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11109	261	35.54	\$312.61
Intel Core i7-6700T @ 2.80GHz	9019	428	30.07	\$300.00*
Intel Core i7-6700TE @ 2.40GHz	8674	463	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9727	362	9.71	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13563	197	40.35	\$336.14
Intel Core i7-6820EQ @ 2.80GHz	8563	470	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9109	415	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8772	453	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	676	NA	NA
Intel Core i7-6850K @ 3.60GHz	14375	167	25.10	\$572.75
Intel Core i7-6900K @ 3.20GHz	17657	92	22.18	\$796.00
Intel Core i7-6920HQ @ 2.90GHz	9564	375	16.84	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19923	60	12.73	\$1,565.60
Intel Core i7-7500U @ 2.70GHz	5150	835	NA	NA
Intel Core i7-7560U @ 2.40GHz	5834	741	NA	NA
Intel Core i7-7567U @ 3.50GHz	6490	671	7.29	\$889.99*
Intel Core i7-7600U @ 2.80GHz	5087	842	NA	NA
Intel Core i7-7660U @ 2.50GHz	6011	721	NA	NA
Intel Core i7-7700 @ 3.60GHz	10728	281	33.42	\$321.00
Intel Core i7-7700HQ @ 2.80GHz	8798	449	NA	NA
Intel Core i7-7700K @ 4.20GHz	12031	239	34.13	\$352.56
Intel Core i7-7700T @ 2.90GHz	9296	397	24.83	\$374.44*
Intel Core i7-7740X @ 4.30GHz	12275	233	37.66	\$325.99
Intel Core i7-7800X @ 3.50GHz	14601	162	32.40	\$450.70
Intel Core i7-7820HK @ 2.90GHz	9958	337	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9263	401	24.51	\$378.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7820X @ 3.60GHz	18494	82	30.73	\$601.92
Intel Core i7-7900X @ 3.30GHz	20406	55	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9995	334	NA	NA
Intel Core i7-8086K @ 4.00GHz	16711	104	30.22	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3938	1083	10.02	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8291	491	NA	NA
Intel Core i7-8559U @ 2.70GHz	12345	228	NA	NA
Intel Core i7-8565U @ 1.80GHz	8954	434	NA	NA
Intel Core i7-8650U @ 1.90GHz	8760	454	NA	NA
Intel Core i7-8665U @ 1.90GHz	8937	440	21.85	\$409.00*
Intel Core i7-8700 @ 3.20GHz	15158	149	44.85	\$337.99
Intel Core i7-8700B @ 3.20GHz	14802	158	48.85	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15963	131	45.61	\$349.99
Intel Core i7-8700T @ 2.40GHz	12724	219	38.68	\$329.00
Intel Core i7-8705G @ 3.10GHz	9911	343	7.04	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10494	298	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	357	NA	NA
Intel Core i7-8750H @ 2.20GHz	12445	225	31.51	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11022	266	NA	NA
Intel Core i7-8850H @ 2.60GHz	13030	210	32.99	\$395.00*
Intel Core i7-9700 @ 3.00GHz	16304	119	49.41	\$329.99
Intel Core i7-9700F @ 3.00GHz	16429	113	47.08	\$349.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-9700K @ 3.60GHz	17206	97	47.80	\$359.99
Intel Core i7-9700KF @ 3.60GHz	17243	95	49.27	\$349.99
Intel Core i7-9700T @ 2.00GHz	13665	191	42.31	\$323.00*
Intel Core i7-9750H @ 2.60GHz	13677	190	NA	NA
Intel Core i7-9800X @ 3.80GHz	19772	64	32.95	\$599.99
Intel Core i7-9850H @ 2.60GHz	14352	169	36.34	\$395.00*
Intel Core i9-7900X @ 3.30GHz	21885	38	23.04	\$949.99
Intel Core i9-7920X @ 2.90GHz	23354	30	20.31	\$1,149.99*
Intel Core i9-7940X @ 3.10GHz	25375	15	18.94	\$1,339.99
Intel Core i9-7960X @ 2.80GHz	26023	11	18.59	\$1,399.99*
Intel Core i9-7980XE @ 2.60GHz	27823	7	14.42	\$1,929.99
Intel Core i9-8950HK @ 2.90GHz	14258	172	24.46	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21560	43	26.62	\$809.99
Intel Core i9-9880H @ 2.30GHz	16602	109	29.86	\$556.00*
Intel Core i9-9900 @ 3.10GHz	19231	76	43.71	\$439.99
Intel Core i9-9900K @ 3.60GHz	20222	58	42.22	\$479.00
Intel Core i9-9900KF @ 3.60GHz	20370	56	42.44	\$479.99
Intel Core i9-9900X @ 3.50GHz	23004	32	25.00	\$919.99
Intel Core i9-9920X @ 3.50GHz	25360	16	24.18	\$1,048.98
Intel Core i9-9940X @ 3.30GHz	27133	9	24.67	\$1,099.99
Intel Core i9-9960X @ 3.10GHz	28050	6	20.04	\$1,399.99
Intel Core i9-9980HK @ 2.40GHz	17618	93	30.22	\$583.00*
Intel Core i9-9980XE @ 3.00GHz	29798	2	15.56	\$1,914.99
Intel Core m3-6Y30 @ 0.90GHz	3051	1322	10.86	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3558	1172	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1234	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core m3-8100Y @ 1.10GHz	3562	1170	12.68	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3373	1222	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3258	1250	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3467	1196	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2702	1440	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1553	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2819	1401	10.03	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1394	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2483	1519	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2995	1338	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2982	1342	10.62	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2622	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2615	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2533	NA	NA
Intel Core Solo U1300 @ 1.06GHz	273	2776	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2770	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2691	NA	NA
Intel E3000 @ 3.40GHz	2767	1417	NA	NA
Intel Pentium 4 1.40GHz	164	2877	NA	NA
Intel Pentium 4 1.50GHz	131	2894	NA	NA
Intel Pentium 4 1.60GHz	129	2896	NA	NA
Intel Pentium 4 1.70GHz	132	2893	NA	NA
Intel Pentium 4 1.80GHz	161	2880	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1.90GHz	159	2881	NA	NA
Intel Pentium 4 2.00GHz	189	2859	NA	NA
Intel Pentium 4 2.20GHz	209	2841	NA	NA
Intel Pentium 4 2.26GHz	221	2829	NA	NA
Intel Pentium 4 2.40GHz	228	2823	NA	NA
Intel Pentium 4 2.50GHz	245	2807	NA	NA
Intel Pentium 4 2.53GHz	248	2803	NA	NA
Intel Pentium 4 2.60GHz	288	2749	NA	NA
Intel Pentium 4 2.66GHz	254	2795	NA	NA
Intel Pentium 4 2.80GHz	322	2697	NA	NA
Intel Pentium 4 2.93GHz	299	2731	NA	NA
Intel Pentium 4 3.00GHz	353	2669	NA	NA
Intel Pentium 4 3.06GHz	347	2672	NA	NA
Intel Pentium 4 3.20GHz	373	2643	NA	NA
Intel Pentium 4 3.40GHz	395	2617	NA	NA
Intel Pentium 4 3.46GHz	454	2551	NA	NA
Intel Pentium 4 3.60GHz	487	2513	NA	NA
Intel Pentium 4 3.73GHz	486	2515	NA	NA
Intel Pentium 4 3.80GHz	485	2517	NA	NA
Intel Pentium 4 3.83GHz	195	2854	NA	NA
Intel Pentium 4 4.00GHz	184	2864	NA	NA
Intel Pentium 4 1300MHz	119	2900	NA	NA
Intel Pentium 4 1400MHz	127	2897	NA	NA
Intel Pentium 4 1500MHz	125	2898	NA	NA
Intel Pentium 4 1600MHz	193	2858	0.30	\$647.45*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1700MHz	154	2884	NA	NA
Intel Pentium 4 1800MHz	162	2879	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2887	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2853	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2870	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2842	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2873	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2840	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2849	NA	NA
Intel Pentium 5 2.66GHz	705	2392	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2178	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1139	2157	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2151	NA	NA
Intel Pentium 987 @ 1.50GHz	1228	2103	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	2005	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1427	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1328	NA	NA
Intel Pentium 2020M @ 2.40GHz	2274	1595	16.97	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2411	1541	18.00	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1655	1889	12.36	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1821	1803	13.59	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1062	2196	7.93	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2277	1592	NA	NA
Intel Pentium 3556U @ 1.70GHz	1696	1862	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 3558U @ 1.70GHz	1679	1871	NA	NA
Intel Pentium 3560M @ 2.40GHz	2270	1600	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2082	NA	NA
Intel Pentium 3805U @ 1.90GHz	1978	1717	NA	NA
Intel Pentium 3825U @ 1.90GHz	2519	1502	NA	NA
Intel Pentium 4405U @ 2.10GHz	2931	1361	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1686	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2050	1690	12.73	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3149	1291	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2225	1621	13.83	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3259	1248	20.25	\$161.00*
Intel Pentium 5405U @ 2.30GHz	3258	1251	20.24	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1915	NA	NA
Intel Pentium B940 @ 2.00GHz	1728	1839	57.73	\$29.94*
Intel Pentium B950 @ 2.10GHz	1716	1845	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1783	37.82	\$48.99*
Intel Pentium B970 @ 2.30GHz	1952	1733	38.28	\$50.99*
Intel Pentium B980 @ 2.40GHz	2025	1698	28.96	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1110	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	529	2481	NA	NA
Intel Pentium D 830 @ 3.00GHz	641	2424	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2452	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2388	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2376	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium D 960 @ 3.60GHz	811	2347	NA	NA
Intel Pentium E2140 @ 1.60GHz	870	2314	5.51	\$157.95*
Intel Pentium E2160 @ 1.80GHz	998	2235	8.50	\$117.50*
Intel Pentium E2180 @ 2.00GHz	1087	2182	36.27	\$29.99
Intel Pentium E2200 @ 2.20GHz	1202	2118	16.04	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2131	NA	NA
Intel Pentium E2220 @ 2.40GHz	1330	2042	15.47	\$85.99*
Intel Pentium E5200 @ 2.50GHz	1487	1968	41.38	\$35.94
Intel Pentium E5300 @ 2.60GHz	1538	1943	66.91	\$22.99
Intel Pentium E5400 @ 2.70GHz	1597	1921	121.77	\$13.12
Intel Pentium E5500 @ 2.80GHz	1637	1898	82.09	\$19.95*
Intel Pentium E5700 @ 3.00GHz	1736	1837	115.85	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1891	1766	63.07	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1705	1856	165.57	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1763	1819	11.17	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1861	1781	18.62	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1933	1740	113.81	\$16.99*
Intel Pentium E6800 @ 3.33GHz	1988	1713	22.34	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2299	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2261	NA	NA
Intel Pentium G620 @ 2.60GHz	2289	1585	91.63	\$24.99*
Intel Pentium G620T @ 2.20GHz	2033	1695	25.42	\$79.99*
Intel Pentium G630 @ 2.70GHz	2371	1558	23.72	\$100.00
Intel Pentium G630T @ 2.30GHz	2089	1671	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2523	1500	16.82	\$150.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G640T @ 2.40GHz	1979	1716	NA	NA
Intel Pentium G645 @ 2.90GHz	2592	1472	16.20	\$160.00*
Intel Pentium G645T @ 2.50GHz	2255	1605	NA	NA
Intel Pentium G840 @ 2.80GHz	2561	1485	73.21	\$34.99*
Intel Pentium G850 @ 2.90GHz	2668	1451	22.46	\$118.77
Intel Pentium G860 @ 3.00GHz	2735	1432	91.20	\$29.99*
Intel Pentium G870 @ 3.10GHz	2816	1402	29.03	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2596	1470	74.42	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2757	1424	46.00	\$59.95
Intel Pentium G2020T @ 2.50GHz	2418	1538	50.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2869	1387	71.77	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2487	1516	38.86	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1422	NA	NA
Intel Pentium G2120 @ 3.10GHz	3080	1312	19.31	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3199	1270	64.00	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3384	1218	41.28	\$82.00
Intel Pentium G3220 @ 3.00GHz	3127	1295	29.82	\$104.88
Intel Pentium G3220T @ 2.60GHz	2555	1487	36.52	\$69.99*
Intel Pentium G3240 @ 3.10GHz	3155	1289	30.40	\$103.83
Intel Pentium G3240T @ 2.70GHz	2840	1391	NA	NA
Intel Pentium G3250 @ 3.20GHz	3241	1258	29.47	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2971	1347	33.02	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3868	1092	20.55	\$188.28

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3260 @ 3.30GHz	3358	1225	23.99	\$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1362	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1550	NA	NA
Intel Pentium G3420 @ 3.20GHz	3397	1212	27.84	\$122.00
Intel Pentium G3420T @ 2.70GHz	3008	1334	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1214	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3314	1235	20.72	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1304	NA	NA
Intel Pentium G3450 @ 3.40GHz	3700	1139	37.01	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1351	NA	NA
Intel Pentium G3460 @ 3.50GHz	3582	1164	12.43	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3714	1137	35.62	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3542	1175	32.21	\$109.98
Intel Pentium G4400T @ 2.90GHz	3179	1276	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1385	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3794	1112	42.29	\$89.74
Intel Pentium G4500T @ 3.00GHz	3471	1194	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1033	40.24	\$103.99*
Intel Pentium G4560 @ 3.50GHz	4864	896	54.02	\$90.04
Intel Pentium G4560T @ 2.90GHz	3990	1067	36.28	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5075	848	21.15	\$239.95
Intel Pentium G4600T @ 3.00GHz	4266	1016	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5211	825	45.85	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1859	1782	46.49	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1649	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2059	1687	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium Gold G5400 @ 3.70GHz	5204	826	69.40	\$74.99
Intel Pentium Gold G5400T @ 3.10GHz	5048	858	78.89	\$64.00*
Intel Pentium Gold G5420 @ 3.80GHz	5518	779	86.22	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5195	829	30.57	\$169.94*
Intel Pentium Gold G5500T @ 3.20GHz	4346	1000	57.95	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5664	760	49.26	\$114.99
Intel Pentium III 933S @ 933MHz	238	2816	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2754	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2769	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2714	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2734	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2730	NA	NA
Intel Pentium III Mobile 750MHz	103	2903	NA	NA
Intel Pentium III Mobile 800MHz	182	2867	NA	NA
Intel Pentium III Mobile 866MHz	152	2885	NA	NA
Intel Pentium III Mobile 933MHz	218	2831	7.55	\$28.99*
Intel Pentium III Mobile 1000MHz	245	2806	NA	NA
Intel Pentium III Mobile 1066MHz	246	2805	NA	NA
Intel Pentium III Mobile 1133MHz	251	2799	NA	NA
Intel Pentium III Mobile 1200MHz	240	2813	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1792	NA	NA
Intel Pentium J2900 @ 2.41GHz	1955	1728	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium J3710 @ 1.60GHz	1914	1749	NA	NA
Intel Pentium J4205 @ 1.50GHz	2259	1604	NA	NA
Intel Pentium M 1.10GHz	282	2760	NA	NA
Intel Pentium M 1.20GHz	298	2732	NA	NA
Intel Pentium M 1.30GHz	301	2724	NA	NA
Intel Pentium M 1.40GHz	345	2676	NA	NA
Intel Pentium M 1.50GHz	366	2653	NA	NA
Intel Pentium M 1.60GHz	364	2656	NA	NA
Intel Pentium M 1.70GHz	406	2600	NA	NA
Intel Pentium M 1.73GHz	413	2590	NA	NA
Intel Pentium M 1.80GHz	411	2593	NA	NA
Intel Pentium M 1.86GHz	439	2568	NA	NA
Intel Pentium M 2.00GHz	461	2543	NA	NA
Intel Pentium M 2.10GHz	448	2556	NA	NA
Intel Pentium M 2.13GHz	502	2503	NA	NA
Intel Pentium M 2.26GHz	509	2499	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2522	NA	NA
Intel Pentium M 900MHz	217	2835	NA	NA
Intel Pentium M 1000MHz	233	2819	NA	NA
Intel Pentium M 1100MHz	259	2791	NA	NA
Intel Pentium M 1200MHz	237	2817	NA	NA
Intel Pentium M 1300MHz	303	2718	NA	NA
Intel Pentium M 1400MHz	320	2699	NA	NA
Intel Pentium M 1500MHz	354	2666	NA	NA
Intel Pentium M 1600MHz	335	2687	NA	NA
Intel Pentium M 1700MHz	376	2638	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1949	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium N3520 @ 2.16GHz	1789	1812	NA	NA
Intel Pentium N3530 @ 2.16GHz	1894	1761	NA	NA
Intel Pentium N3540 @ 2.16GHz	1925	1743	7.68	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1830	1799	4.12	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1865	1777	NA	NA
Intel Pentium N4200 @ 1.10GHz	2032	1696	8.69	\$233.98*
Intel Pentium P6000 @ 1.87GHz	1243	2097	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	2043	46.63	\$28.44
Intel Pentium P6200 @ 2.13GHz	1350	2030	30.04	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	2015	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2909	1371	13.23	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2435	1532	15.12	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2601	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2324	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2329	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2413	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2393	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2389	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2378	NA	NA
Intel Pentium T2330 @ 1.60GHz	831	2335	NA	NA
Intel Pentium T2370 @ 1.73GHz	846	2328	24.19	\$35.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2390 @ 1.86GHz	947	2275	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2249	NA	NA
Intel Pentium T3200 @ 2.00GHz	1033	2212	86.10	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1113	2165	12.38	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1151	2148	95.96	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1231	2102	NA	NA
Intel Pentium T4400 @ 2.20GHz	1283	2071	NA	NA
Intel Pentium T4500 @ 2.30GHz	1333	2040	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2342	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2270	NA	NA
Intel T1200 @ 1.50GHz	435	2574	NA	NA
Intel T1400 @ 1.73GHz	929	2283	NA	NA
Intel T1500 @ 1.86GHz	953	2269	NA	NA
Intel T2050 @ 2.00GHz	959	2265	NA	NA
Intel Xeon 2.00GHz	233	2818	NA	NA
Intel XEON 2.20GHz	252	2797	NA	NA
Intel Xeon 2.40GHz	276	2772	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2573	NA	NA
Intel Xeon 2.80GHz	400	2613	NA	NA
Intel Xeon 3.00GHz	391	2626	NA	NA
Intel Xeon 3.06GHz	491	2509	NA	NA
Intel Xeon 3.20GHz	461	2544	NA	NA
Intel Xeon 3.40GHz	478	2526	NA	NA
Intel Xeon 3.60GHz	509	2498	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2207	NA	NA
Intel Xeon 3.80GHz	604	2441	0.71	\$851.00*
Intel Xeon 1500MHz	193	2857	NA	NA
Intel Xeon 3040 @ 1.86GHz	1278	2075	51.05	\$25.04*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3050 @ 2.13GHz	1300	2055	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1950	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1948	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1814	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1791	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1931	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2192	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	2095	0.77	\$1,619.99*
Intel Xeon 5130 @ 2.00GHz	1366	2020	43.44	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1919	NA	NA
Intel Xeon 5140 @ 2.33GHz	1644	1893	35.00	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1925	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1752	1829	12.52	\$139.95*
Intel Xeon 5160 @ 3.00GHz	1956	1726	52.18	\$37.49*
Intel Xeon @ 2.00GHz	11327	256	NA	NA
Intel Xeon @ 2.20GHz	1902	1757	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5664	761	23.56	\$240.43
Intel Xeon Bronze 3106 @ 1.70GHz	6890	635	19.46	\$354.01*
Intel Xeon D-1518 @ 2.20GHz	5322	813	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	749	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1521 @ 2.40GHz	6980	621	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	496	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9643	369	27.71	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	549	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	291	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11064	263	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	285	19.24	\$555.00*
Intel Xeon D-1557 @ 1.50GHz	10950	271	15.78	\$694.00*
Intel Xeon D-1559 @ 1.50GHz	8055	516	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	166	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	178	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	505	38.22	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	214	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	186	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	19381	73	10.99	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6092	715	121.87	\$49.99
Intel Xeon E3-1220 V2 @ 3.10GHz	6716	654	103.35	\$64.99
Intel Xeon E3-1220 v3 @ 3.10GHz	7172	606	17.50	\$409.95
Intel Xeon E3-1220 v5 @ 3.00GHz	7799	543	29.27	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7790	546	39.15	\$199.00
Intel Xeon E3-1220L @ 2.20GHz	3563	1169	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	985	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1665	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5889	732	92.04	\$63.99
Intel Xeon E3-1225 V2 @ 3.20GHz	6955	624	89.18	\$77.99
Intel Xeon E3-1225 v3 @ 3.20GHz	7241	600	53.25	\$135.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7833	538	29.23	\$268.04
Intel Xeon E3-1225 v6 @ 3.30GHz	8156	503	33.93	\$240.43
Intel Xeon E3-1226 v3 @ 3.30GHz	7563	567	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	7829	539	81.57	\$95.99
Intel Xeon E3-1230 V2 @ 3.30GHz	8854	446	113.52	\$78.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9311	396	43.31	\$215.00
Intel Xeon E3-1230 v5 @ 3.40GHz	9725	363	22.53	\$431.65
Intel Xeon E3-1230 v6 @ 3.50GHz	9888	345	35.45	\$278.91
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	601	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9628	371	18.88	\$509.95
Intel Xeon E3-1235 @ 3.20GHz	7680	557	31.48	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	673	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7962	529	75.84	\$104.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9140	409	67.22	\$135.99
Intel Xeon E3-1240 v3 @ 3.40GHz	9665	367	25.14	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10376	303	30.37	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10458	300	36.30	\$288.10
Intel Xeon E3-1240L v3 @ 2.00GHz	7513	571	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	545	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10014	330	27.07	\$369.99
Intel Xeon E3-1245 @ 3.30GHz	7991	525	75.40	\$105.99
Intel Xeon E3-1245 V2 @ 3.40GHz	9124	411	58.12	\$156.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1245 v3 @ 3.40GHz	9573	374	37.55	\$255.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10160	315	29.43	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10515	295	34.71	\$302.97
Intel Xeon E3-1246 v3 @ 3.50GHz	9863	349	24.12	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6072	716	70.93	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	311	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	6038	720	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7456	578	24.45	\$305.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9216	405	12.98	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	420	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	536	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	460	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	494	26.16	\$315.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9452	385	49.75	\$189.99
Intel Xeon E3-1270 v3 @ 3.50GHz	9919	341	49.60	\$199.99
Intel Xeon E3-1270 v5 @ 3.60GHz	10292	307	13.42	\$766.97
Intel Xeon E3-1270 v6 @ 3.80GHz	11222	259	33.14	\$338.61
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	284	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10096	322	11.37	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8215	495	27.03	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9433	388	23.90	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	9915	342	24.73	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10366	305	24.97	\$415.13*
Intel Xeon E3-1275 v6 @ 3.80GHz	11014	268	29.76	\$370.17
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	441	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10204	313	9.51	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8465	477	23.01	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9447	386	11.00	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9769	359	21.76	\$449.00
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	286	15.46	\$690.01*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1280 v6 @ 3.90GHz	11463	252	26.25	\$436.70
Intel Xeon E3-1281 v3 @ 3.70GHz	10276	309	11.71	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	299	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	297	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	241	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	336	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	270	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	344	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	379	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	459	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	366	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	685	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8946	439	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9714	364	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10093	323	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9340	393	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10578	290	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10443	301	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1575M v5 @ 3.00GHz	10614	287	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	280	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	317	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	595	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	579	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5570	771	21.22	\$262.59*
Intel Xeon E5-1603 v3 @ 2.80GHz	6195	699	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	674	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5888	733	210.70	\$27.95*
Intel Xeon E5-1607 v2 @ 3.00GHz	6217	697	177.91	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	7039	617	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7256	598	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9025	427	138.85	\$65.00*
Intel Xeon E5-1620 v2 @ 3.70GHz	9495	378	163.75	\$57.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9745	360	60.91	\$159.99
Intel Xeon E5-1620 v4 @ 3.50GHz	9926	340	12.06	\$823.00
Intel Xeon E5-1630 v3 @ 3.70GHz	10214	312	17.09	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10296	306	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11716	247	23.67	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12729	218	106.12	\$119.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13625	195	74.60	\$182.66
Intel Xeon E5-1650 v4 @ 3.60GHz	14220	175	22.43	\$633.99*
Intel Xeon E5-1660 @ 3.30GHz	12360	226	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13808	187	7.63	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14609	161	9.04	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16203	124	13.18	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16222	122	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16389	115	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17122	99	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	86	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1182	113.71	\$30.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1205	94.99	\$35.99*
Intel Xeon E5-2407 @ 2.20GHz	4188	1031	229.76	\$18.23*
Intel Xeon E5-2407 v2 @ 2.40GHz	4648	932	40.23	\$115.56*
Intel Xeon E5-2418L @ 2.00GHz	5202	828	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	616	18.06	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8691	461	79.39	\$109.47
Intel Xeon E5-2430 @ 2.20GHz	6878	637	181.01	\$38.00*
Intel Xeon E5-2430 v2 @ 2.50GHz	8991	430	29.00	\$310.00*
Intel Xeon E5-2430L @ 2.00GHz	7269	597	225.19	\$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	661	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	408	229.53	\$39.99
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	398	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	435	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10108	321	100.84	\$100.24
Intel Xeon E5-2450L @ 1.80GHz	8261	492	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	10061	327	78.61	\$128.00
Intel Xeon E5-2470 v2 @ 2.40GHz	11268	258	66.67	\$169.03*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2603 @ 1.80GHz	3580	1166	143.58	\$24.94*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1121	62.78	\$59.99
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	834	66.42	\$77.99
Intel Xeon E5-2603 v4 @ 1.70GHz	5431	791	20.89	\$260.00*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	535	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4601	946	104.61	\$43.99*
Intel Xeon E5-2609 v2 @ 2.50GHz	5146	836	34.94	\$147.30
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	731	24.69	\$239.00
Intel Xeon E5-2609 v4 @ 1.70GHz	6905	634	19.20	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	236	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	164	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7899	531	494.66	\$15.97
Intel Xeon E5-2620 v2 @ 2.10GHz	8634	466	215.92	\$39.99
Intel Xeon E5-2620 v3 @ 2.40GHz	10009	331	76.99	\$130.00
Intel Xeon E5-2620 v4 @ 2.10GHz	11354	255	31.24	\$363.45
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	432	13.85	\$649.00
Intel Xeon E5-2623 v4 @ 2.60GHz	8506	473	15.50	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	389	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	229	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	209	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	265	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8860	445	221.56	\$39.99
Intel Xeon E5-2630 v2 @ 2.60GHz	10385	302	85.13	\$122.00
Intel Xeon E5-2630 v3 @ 2.40GHz	12795	215	98.43	\$130.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13901	182	21.06	\$659.99*
Intel Xeon E5-2630L @ 2.00GHz	7865	533	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	418	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	361	28.62	\$339.95*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	213	NA	NA
Intel Xeon E5-2637 @ 3.00GHz	4433	983	5.01	\$885.00*
Intel Xeon E5-2637 v2 @ 3.50GHz	9200	407	96.86	\$94.99*
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	319	32.64	\$309.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	296	9.82	\$1,069.95*
Intel Xeon E5-2640 @ 2.50GHz	9361	390	87.84	\$106.57*
Intel Xeon E5-2640 v2 @ 2.00GHz	10143	316	58.14	\$174.45
Intel Xeon E5-2640 v3 @ 2.60GHz	13885	184	47.88	\$289.99
Intel Xeon E5-2640 v4 @ 2.40GHz	15380	145	18.01	\$853.78
Intel Xeon E5-2643 @ 3.30GHz	8401	482	140.04	\$59.99
Intel Xeon E5-2643 v2 @ 3.50GHz	13117	207	100.91	\$129.99
Intel Xeon E5-2643 v3 @ 3.40GHz	13887	183	58.11	\$238.99
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	202	9.65	\$1,396.07
Intel Xeon E5-2648L @ 1.80GHz	7426	581	NA	NA
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	254	7.70	\$1,479.00*
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	253	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	193	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	160	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10110	320	146.53	\$69.00
Intel Xeon E5-2650 v2 @ 2.60GHz	13210	204	183.35	\$72.05

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2650 v3 @ 2.30GHz	14844	157	82.48	\$179.99
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	135	12.39	\$1,281.12*
Intel Xeon E5-2650L @ 1.80GHz	8332	488	105.47	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	347	131.74	\$75.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	199	11.37	\$1,188.14*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	177	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	257	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	382	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	185	77.09	\$179.99*
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	120	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	103	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11048	264	159.00	\$69.49*
Intel Xeon E5-2660 v2 @ 2.20GHz	13186	206	75.61	\$174.40
Intel Xeon E5-2660 v3 @ 2.60GHz	16213	123	20.54	\$789.41*
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	102	11.25	\$1,499.99*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	180	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11525	250	102.57	\$112.37
Intel Xeon E5-2667 @ 2.90GHz	10372	304	195.74	\$52.99
Intel Xeon E5-2667 v2 @ 3.30GHz	16158	125	75.27	\$214.68
Intel Xeon E5-2667 v3 @ 3.20GHz	16134	126	18.86	\$855.30
Intel Xeon E5-2667 v4 @ 3.20GHz	16684	105	8.56	\$1,949.03*
Intel Xeon E5-2670 @ 2.60GHz	12063	238	92.79	\$130.00
Intel Xeon E5-2670 v2 @ 2.50GHz	14988	153	61.67	\$243.04
Intel Xeon E5-2670 v3 @ 2.30GHz	16494	110	54.98	\$300.00
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	117	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16383	116	23.41	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	46	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15073	150	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	91	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16940	101	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	18	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12447	224	77.16	\$161.32
Intel Xeon E5-2680 v2 @ 2.80GHz	15895	134	67.64	\$235.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2680 v3 @ 2.50GHz	18565	81	36.47	\$509.00
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	61	13.18	\$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	54	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17369	94	34.06	\$509.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	78	8.62	\$2,208.93*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	152	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	74	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	63	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14347	170	30.62	\$468.62
Intel Xeon E5-2687W v2 @ 3.40GHz	16433	112	45.66	\$359.90
Intel Xeon E5-2687W v3 @ 3.10GHz	17772	90	30.12	\$589.99
Intel Xeon E5-2687W v4 @ 3.00GHz	19855	62	9.13	\$2,174.99*
Intel Xeon E5-2689 @ 2.60GHz	13386	203	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	65	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13497	201	105.32	\$128.15

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2690 v2 @ 3.00GHz	16466	111	35.80	\$460.00*
Intel Xeon E5-2690 v3 @ 2.60GHz	19249	75	71.29	\$270.00
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	48	9.83	\$2,169.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	129	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15993	130	61.52	\$259.99
Intel Xeon E5-2695 v3 @ 2.30GHz	19690	69	19.50	\$1,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	57	11.20	\$1,809.00
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	108	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	33	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	49	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17229	96	45.39	\$379.62
Intel Xeon E5-2697 v3 @ 2.60GHz	21402	47	44.59	\$480.00
Intel Xeon E5-2697 v4 @ 2.30GHz	21506	45	7.04	\$3,054.99*
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	34	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	51	6.15	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	40	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	35	8.92	\$2,509.00*
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	29	3.94	\$5,954.79*
Intel Xeon E5-4603 @ 2.00GHz	5014	867	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	402	NA	NA
Intel Xeon E5-4617 @ 2.90GHz	9029	426	100.44	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	508	60.56	\$134.21*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	165	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	140	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	294	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	220	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	262	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11860	243	124.21	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	245	98.52	\$119.99*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	230	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	133	11.36	\$1,399.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	136	3.30	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	194	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1299	1.75	\$1,779.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3110 @ 3.00GHz	2157	1645	93.86	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1535	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1614	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	2003	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1536	27.32	\$88.76
Intel Xeon E5310 @ 1.60GHz	2264	1601	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1587	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1506	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2907	1373	72.72	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2831	1395	57.79	\$49.00*
Intel Xeon E5410 @ 2.33GHz	3261	1247	15.61	\$208.95*
Intel Xeon E5420 @ 2.50GHz	3486	1191	13.41	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3758	1124	54.47	\$69.00*
Intel Xeon E5440 @ 2.83GHz	3962	1076	209.13	\$18.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5450 @ 3.00GHz	4185	1032	14.00	\$298.94*
Intel Xeon E5462 @ 2.80GHz	3871	1091	141.82	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4085	1051	136.00	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	2017	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1381	2013	4.81	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2680	1446	38.32	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2974	1345	47.21	\$63.01*
Intel Xeon E5507 @ 2.27GHz	3125	1296	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4435	980	310.83	\$14.27*
Intel Xeon E5530 @ 2.40GHz	4564	954	18.55	\$246.00*
Intel Xeon E5540 @ 2.53GHz	4807	905	81.49	\$59.00*
Intel Xeon E5603 @ 1.60GHz	2366	1560	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1321	13.95	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3380	1220	15.44	\$219.00*
Intel Xeon E5620 @ 2.40GHz	4802	910	68.62	\$69.99*
Intel Xeon E5630 @ 2.53GHz	5077	847	145.07	\$35.00*
Intel Xeon E5640 @ 2.67GHz	5256	820	187.81	\$27.99*
Intel Xeon E5645 @ 2.40GHz	6424	678	59.49	\$107.98*
Intel Xeon E5649 @ 2.53GHz	6936	628	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1539	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	540	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9489	381	43.13	\$219.99*
Intel Xeon E-2124G @ 3.40GHz	9826	352	41.13	\$238.89*
Intel Xeon E-2126G @ 3.30GHz	13995	179	46.65	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10882	276	39.20	\$277.61
Intel Xeon E-2136 @ 3.30GHz	15763	137	48.58	\$324.46*
Intel Xeon E-2144G @ 3.60GHz	11466	251	32.59	\$351.90*
Intel Xeon E-2146G @ 3.50GHz	15593	138	43.93	\$354.99*
Intel Xeon E-2174G @ 3.80GHz	12279	232	33.40	\$367.65*
Intel Xeon E-2176G @ 3.70GHz	15580	139	38.19	\$407.95
Intel Xeon E-2176M @ 2.70GHz	13655	192	30.35	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	16057	128	30.59	\$524.99*
Intel Xeon E-2186M @ 2.90GHz	14587	163	23.42	\$623.00*
Intel Xeon E-2224 @ 3.40GHz	10525	293	53.16	\$198.00*
Intel Xeon E-2224G @ 3.50GHz	10008	332	45.91	\$218.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2246G @ 3.60GHz	16667	107	53.59	\$311.00*
Intel Xeon E-2276M @ 2.80GHz	15237	147	33.86	\$450.00*
Intel Xeon E-2286M @ 2.40GHz	18421	84	29.57	\$623.00*
Intel Xeon Gold 5117 @ 2.00GHz	16672	106	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16389	114	12.33	\$1,329.03*
Intel Xeon Gold 5120 @ 2.20GHz	16308	118	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	87	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10894	275	8.40	\$1,297.50*
Intel Xeon Gold 6126 @ 2.60GHz	19711	67	9.81	\$2,008.95
Intel Xeon Gold 6128 @ 3.40GHz	14941	155	8.49	\$1,759.75*
Intel Xeon Gold 6130 @ 2.10GHz	19473	72	9.93	\$1,960.29
Intel Xeon Gold 6132 @ 2.60GHz	23907	26	10.84	\$2,205.00*
Intel Xeon Gold 6134 @ 3.20GHz	18083	88	7.62	\$2,372.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 6136 @ 3.00GHz	21061	50	8.06	\$2,613.59*
Intel Xeon Gold 6138 @ 2.00GHz	25774	12	10.27	\$2,509.00*
Intel Xeon Gold 6140 @ 2.30GHz	23964	25	9.82	\$2,439.99*
Intel Xeon Gold 6144 @ 3.50GHz	19654	70	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	19	5.46	\$4,608.95
Intel Xeon Gold 6148 @ 2.40GHz	25440	14	8.73	\$2,914.95
Intel Xeon Gold 6152 @ 2.10GHz	23498	28	6.05	\$3,885.34*
Intel Xeon Gold 6154 @ 3.00GHz	27722	8	7.09	\$3,909.00
Intel Xeon Gold 6230 @ 2.10GHz	24600	20	12.50	\$1,967.60*
Intel Xeon Gold 6242 @ 2.80GHz	25313	17	9.55	\$2,651.20
Intel Xeon L3110 @ 3.00GHz	2273	1597	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1122	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2038	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	1100	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1802	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1598	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1593	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1648	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1425	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3014	1329	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1223	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3504	1188	127.45	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3723	1134	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1136	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	991	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	998	225.95	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4369	994	285.56	\$15.30*
Intel Xeon L5638 @ 2.00GHz	5556	773	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	638	NA	NA
Intel Xeon L5640 @ 2.27GHz	6278	692	209.50	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1101	NA	NA
Intel Xeon MV 3.20GHz	683	2405	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26835	10	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	627	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
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Platinum 8175M @ 2.50GHz	28103	5	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	24434	23	2.80	\$8,725.00*
Intel Xeon Silver 4108 @ 1.80GHz	10838	279	21.81	\$496.98*
Intel Xeon Silver 4109T @ 2.00GHz	10946	272	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11685	248	28.85	\$405.00
Intel Xeon Silver 4112 @ 2.60GHz	8611	467	16.75	\$513.99*
Intel Xeon Silver 4114 @ 2.20GHz	14282	171	21.48	\$664.87
Intel Xeon Silver 4116 @ 2.10GHz	15397	144	14.83	\$1,038.04*
Intel Xeon Silver 4123 @ 3.00GHz	15185	148	NA	NA
Intel Xeon Silver 4208 @ 2.10GHz	13116	208	28.48	\$460.54
Intel Xeon Silver 4215 @ 2.50GHz	15440	141	20.61	\$749.00*
Intel Xeon W3503 @ 2.40GHz	1756	1824	175.85	\$9.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W3505 @ 2.53GHz	1844	1787	74.18	\$24.86*
Intel Xeon W3520 @ 2.67GHz	5057	855	105.36	\$48.00*
Intel Xeon W3530 @ 2.80GHz	5347	808	18.19	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	784	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5694	755	189.88	\$29.99*
Intel Xeon W3565 @ 3.20GHz	5939	726	84.91	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6047	719	12.60	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6366	686	29.68	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8121	510	16.24	\$499.99*
Intel Xeon W3680 @ 3.33GHz	9008	429	11.85	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9126	410	86.92	\$105.00*
Intel Xeon W5580 @ 3.20GHz	5836	740	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	700	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	6954	625	29.59	\$235.05*
Intel Xeon W-2104 @ 3.20GHz	7475	574	29.32	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10697	283	31.74	\$337.06
Intel Xeon W-2125 @ 4.00GHz	12357	227	26.11	\$473.28*
Intel Xeon W-2133 @ 3.60GHz	14242	173	23.08	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16275	121	17.06	\$953.86
Intel Xeon W-2140B @ 3.20GHz	18610	80	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19691	68	16.51	\$1,192.99*
Intel Xeon W-2150B @ 3.00GHz	21543	44	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21832	42	14.27	\$1,530.39*
Intel Xeon W-2175 @ 2.50GHz	24454	22	12.56	\$1,947.00*
Intel Xeon W-2195 @ 2.30GHz	24081	24	9.56	\$2,520.27*
Intel Xeon X3210 @ 2.13GHz	2739	1429	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1308	51.35	\$60.15*
Intel Xeon X3230 @ 2.66GHz	3398	1211	47.53	\$71.50
Intel Xeon X3320 @ 2.50GHz	3306	1239	14.41	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3174	1277	163.95	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3342	1230	15.91	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1107	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1096	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3939	1082	24.94	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3983	1068	116.85	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	1013	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	928	9.15	\$509.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3430 @ 2.40GHz	3342	1231	44.16	\$75.68*
Intel Xeon X3440 @ 2.53GHz	4521	966	31.85	\$141.96*
Intel Xeon X3450 @ 2.67GHz	4748	918	59.40	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5014	866	14.05	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5100	841	34.30	\$148.70*
Intel Xeon X3480 @ 3.07GHz	5657	762	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1525	45.47	\$54.00*
Intel Xeon X5270 @ 3.50GHz	2553	1489	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1549	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3170	1279	10.23	\$309.95*
Intel Xeon X5365 @ 3.00GHz	3524	1181	35.42	\$99.50*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5450 @ 3.00GHz	4107	1047	68.50	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4325	1005	94.04	\$45.99*
Intel Xeon X5470 @ 3.33GHz	4588	950	24.28	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4014	1062	17.84	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4529	965	45.30	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	893	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5353	806	17.56	\$304.85*
Intel Xeon X5560 @ 2.80GHz	5399	798	158.85	\$33.99*
Intel Xeon X5570 @ 2.93GHz	5679	756	283.97	\$20.00*
Intel Xeon X5647 @ 2.93GHz	5920	729	297.04	\$19.93*
Intel Xeon X5650 @ 2.67GHz	7363	589	109.75	\$67.09
Intel Xeon X5660 @ 2.80GHz	7569	566	312.28	\$24.24*
Intel Xeon X5667 @ 3.07GHz	6291	691	269.66	\$23.33*
Intel Xeon X5670 @ 2.93GHz	7849	537	261.72	\$29.99
Intel Xeon X5672 @ 3.20GHz	6397	681	142.21	\$44.99*
Intel Xeon X5675 @ 3.07GHz	8132	507	104.28	\$77.99
Intel Xeon X5677 @ 3.47GHz	6951	626	182.55	\$38.08*
Intel Xeon X5679 @ 3.20GHz	8845	447	NA	NA
Intel Xeon X5680 @ 3.33GHz	8393	483	119.91	\$70.00
Intel Xeon X5687 @ 3.60GHz	7076	613	64.92	\$109.00*
Intel Xeon X5690 @ 3.47GHz	8872	444	70.98	\$124.99
Intel Xeon X5698 @ 4.40GHz	4272	1015	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1344	NA	NA
Mobile AMD Athlon 4	314	2708	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2663	NA	NA
Mobile AMD Athlon 64 2700+	398	2614	NA	NA
Mobile AMD Athlon 64 2800+	440	2565	NA	NA
Mobile AMD Athlon 64 3000+	450	2553	NA	NA
Mobile AMD Athlon 64 3200+	448	2557	NA	NA
Mobile AMD Athlon 64 3400+	511	2496	NA	NA
Mobile AMD Athlon 64 3700+	435	2575	NA	NA
Mobile AMD Athlon 64 4000+	576	2457	NA	NA
Mobile AMD Athlon 1400+	266	2783	NA	NA
Mobile AMD Athlon 2500+	370	2647	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2784	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2636	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2738	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2507	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	572	2461	45.81	\$12.49
Mobile AMD Athlon XP-M	512	2495	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2865	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2787	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2789	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2695	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2733	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2680	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2726	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2657	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 2400+	346	2675	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2673	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2646	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2655	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2654	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2566	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2514	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2500	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2745	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2737	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2686	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2644	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2529	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2502	NA	NA
Mobile AMD Sempron 2100+	252	2798	NA	NA
Mobile AMD Sempron 2600+	394	2620	NA	NA
Mobile AMD Sempron 2800+	361	2660	NA	NA
Mobile AMD Sempron 3000+	389	2630	NA	NA
Mobile AMD Sempron 3100+	416	2588	NA	NA
Mobile AMD Sempron 3200+	354	2667	NA	NA
Mobile AMD Sempron 3300+	446	2559	NA	NA
Mobile AMD Sempron 3400+	441	2564	NA	NA
Mobile AMD Sempron 3500+	408	2597	NA	NA
Mobile AMD Sempron 3600+	427	2583	NA	NA
Mobile AMD Sempron 3800+	485	2518	NA	NA
Mobile Intel Celeron 1.20GHz	170	2876	NA	NA
Mobile Intel Celeron 1.50GHz	188	2860	NA	NA
Mobile Intel Celeron 1.60GHz	188	2861	NA	NA
Mobile Intel Celeron 1.70GHz	181	2869	NA	NA
Mobile Intel Celeron 1.80GHz	186	2863	NA	NA
Mobile Intel Celeron 2.00GHz	204	2845	NA	NA
Mobile Intel Celeron 2.20GHz	226	2825	NA	NA
Mobile Intel Celeron 2.40GHz	239	2814	NA	NA
Mobile Intel Celeron 2.50GHz	281	2763	NA	NA
Mobile Intel Celeron 1200MHz	294	2739	NA	NA
Mobile Intel Celeron 1333MHz	280	2766	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2771	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2786	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2768	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 2.80GHz	315	2706	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2683	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2664	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2567	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2527	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2855	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2875	1.05	\$164.99
Mobile Intel Pentium 4 - M 1.80GHz	175	2872	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2820	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 - M 2.00GHz	202	2850	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2852	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2836	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2793	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2710	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2839	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2851	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2802	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2743	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2826	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2744	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1511	NA	NA
Quad-Core AMD Opteron 1385	3442	1203	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3446	1202	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1365	NA	NA
VIA C3 Ezra	100	2904	NA	NA
VIA C7 1500MHz	284	2755	NA	NA
VIA C7-D 1500MHz	287	2751	NA	NA
VIA C7-D 1800MHz	203	2847	NA	NA
VIA C7-D 2000MHz	368	2650	NA	NA
VIA C7-M 1000MHz	164	2878	NA	NA
VIA C7-M 1200MHz	140	2891	NA	NA
VIA C7-M 1600MHz	178	2871	NA	NA
VIA C7-M 6300MHz	222	2828	NA	NA
VIA Eden 800MHz	155	2882	NA	NA
VIA Eden 1000MHz	123	2899	NA	NA
VIA Eden 1200MHz	142	2890	NA	NA
VIA Eden C1050@1.06GHz	352	2670	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2525	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	2152	NA	NA
VIA Esther 1000MHz	146	2889	NA	NA
VIA Esther 1300MHz	250	2800	NA	NA
VIA Esther 1500MHz	219	2830	NA	NA
VIA Esther 2000MHz	394	2619	NA	NA
VIA Nano L1900@1400MHz	457	2547	NA	NA
VIA Nano L2007@1600MHz	369	2648	NA	NA
VIA Nano L2100@1800MHz	428	2581	NA	NA
VIA Nano L2207@1600MHz	296	2736	NA	NA
VIA Nano L3025@1600MHz	517	2492	NA	NA
VIA Nano L3050@1800MHz	581	2454	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano L3600@2000MHz	645	2421	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2637	NA	NA
VIA Nano U2250@1300+MHz	274	2775	NA	NA
VIA Nano U2500@1200MHz	306	2717	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2504	NA	NA
VIA Nano U3300@1200MHz	409	2595	NA	NA
VIA Nano U3500@1000MHz	275	2773	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2439	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nehemiah	155	2883	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1759	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	2023	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2132	NA	NA
VIA Samuel 2	79	2906	NA	NA
ZHAOXIN KaiXian KX-U6780A@2.7GHz	5760	748	NA	NA

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Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	308	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	138	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	412	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	418	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	463	NA	NA
[Dual CPU] AMD EPYC 7281	13293	188	7.22	\$1,840.22
[Dual CPU] AMD EPYC 7371	19370	122	NA	NA
[Dual CPU] AMD EPYC 7401	23518	74	6.06	\$3,880.84
[Dual CPU] AMD EPYC 7451	28957	42	5.77	\$5,022.16
[Dual CPU] AMD EPYC 7501	29003	41	4.07	\$7,119.12
[Dual CPU] AMD EPYC 7551	31452	29	4.42	\$7,119.12
[Dual CPU] AMD EPYC 7601	33545	21	3.56	\$9,419.90
[Dual CPU] AMD Opteron 246	1130	452	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	453	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	449	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	450	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	458	NA	NA
[Dual CPU] AMD Opteron 256	1853	446	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	444	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	440	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	443	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	435	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2769	425	NA	NA
[Dual CPU] AMD Opteron 290	2716	427	10.06	\$270.00*
[Dual CPU] AMD Opteron 885	2851	421	NA	NA
[Dual CPU] AMD Opteron 2212	2203	441	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	436	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	433	NA	NA
[Dual CPU] AMD Opteron 2216	2485	432	48.16	\$51.60
[Dual CPU] AMD Opteron 2216 HE	2593	429	NA	NA
[Dual CPU] AMD Opteron 2218	2719	426	17.00	\$159.90
[Dual CPU] AMD Opteron 2218 HE	2514	430	NA	NA
[Dual CPU] AMD Opteron 2220	2854	420	17.85	\$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	419	57.64	\$50.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2222	2998	416	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	410	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	400	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	407	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	401	25.50	\$159.90
[Dual CPU] AMD Opteron 2354	4554	388	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	391	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	370	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	398	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	384	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	371	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	369	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	355	63.93	\$90.00
[Dual CPU] AMD Opteron 2384	5714	357	3.40	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	343	NA	NA
[Dual CPU] AMD Opteron 2389	5677	358	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	373	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	344	NA	NA
[Dual CPU] AMD Opteron 2427	5907	353	29.83	\$198.00
[Dual CPU] AMD Opteron 2431	6438	337	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7068	323	18.70	\$378.00
[Dual CPU] AMD Opteron 2439 SE	8071	293	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	402	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	360	24.58	\$229.90
[Dual CPU] AMD Opteron 4170 HE	6344	340	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	338	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7813	300	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	292	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	295	NA	NA
[Dual CPU] AMD Opteron 4234	9361	261	20.35	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	4214	395	52.69	\$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	254	NA	NA
[Dual CPU] AMD Opteron 4280	4525	389	45.25	\$100.00
[Dual CPU] AMD Opteron 4284	9151	262	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9456	260	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	232	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	240	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	217	40.57	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	330	178.04	\$37.98
[Dual CPU] AMD Opteron 6128 HE	5582	363	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	276	NA	NA
[Dual CPU] AMD Opteron 6134	7586	310	86.22	\$87.98
[Dual CPU] AMD Opteron 6136	7255	317	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	376	NA	NA
[Dual CPU] AMD Opteron 6168	7741	305	6.67	\$1,159.90
[Dual CPU] AMD Opteron 6172	7621	309	19.24	\$396.00
[Dual CPU] AMD Opteron 6174	7783	302	48.67	\$159.90
[Dual CPU] AMD Opteron 6176 SE	8448	282	26.57	\$318.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6180 SE	3114	413	10.05	\$309.98*
[Dual CPU] AMD Opteron 6204	7134	319	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	272	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	227	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	244	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	234	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	10010	249	71.51	\$139.98
[Dual CPU] AMD Opteron 6274	10536	230	117.09	\$89.98
[Dual CPU] AMD Opteron 6275	10900	226	NA	NA
[Dual CPU] AMD Opteron 6276	10194	243	30.16	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	207	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	284	13.47	\$619.96*
[Dual CPU] AMD Opteron 6320	10716	228	20.88	\$513.18
[Dual CPU] AMD Opteron 6328	11842	210	16.49	\$718.00
[Dual CPU] AMD Opteron 6344	11203	220	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	215	28.53	\$399.98*
[Dual CPU] AMD Opteron 6376	10405	233	80.04	\$130.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6378	9145	263	11.46	\$798.00
[Dual CPU] AMD Opteron 6380	14200	174	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	202	40.65	\$299.98*
[Dual CPU] AMD Opteron 8218	2831	422	61.54	\$46.00
[Dual CPU] AMD Opteron 8220	2510	431	15.70	\$159.90
[Dual CPU] AMD Opteron 8222 SE	2793	424	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	411	67.15	\$48.00
[Dual CPU] AMD Opteron 8380	5643	361	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	372	NA	NA
[Dual CPU] AMD Opteron 8389	6517	334	41.25	\$158.00
[Dual CPU] AMD Opteron 8431	5813	354	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	331	46.80	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	307	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	451	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	438	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	406	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	297	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	472	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	470	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	467	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	541	466	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	473	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	474	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	471	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	469	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	464	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	460	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	459	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	462	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	457	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon 3.40GHz	889	456	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	455	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	445	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	454	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	442	6.68	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	437	0.71	\$3,239.98*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	428	41.62	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	414	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2978	417	31.69	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	415	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3409	408	12.18	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3826	404	51.03	\$74.98*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8929	271	18.57	\$480.86
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11012	224	15.55	\$708.02*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	345	100.10	\$61.98
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	342	87.58	\$71.98*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	316	200.30	\$36.46*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	266	39.02	\$231.12*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11068	221	14.19	\$780.04*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	209	54.40	\$218.94
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	286	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	180	179.43	\$76.00*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	177	22.20	\$620.00*
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	216	176.43	\$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	197	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	192	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15063	165	75.13	\$200.48
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	15106	164	48.73	\$310.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	212	45.06	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	146	64.89	\$256.00
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	131	54.94	\$338.06*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	341	127.11	\$49.88*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	333	54.34	\$119.98
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	283	53.65	\$155.98
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8910	273	17.13	\$520.00*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8162	290	92.77	\$87.98*
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8987	267	30.51	\$294.60
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	248	20.98	\$478.00
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	225	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12336	198	386.22	\$31.94
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13190	190	164.92	\$79.98
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15233	162	58.59	\$260.00
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16407	148	22.57	\$726.90
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14313	173	11.03	\$1,298.00
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	194	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	169	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13584	186	169.84	\$79.98
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15933	154	65.30	\$244.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18457	132	70.99	\$260.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18685	130	14.16	\$1,319.98*
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	222	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	179	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	163	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	314	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15888	157	83.63	\$189.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16391	149	26.44	\$619.98
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16703	145	7.81	\$2,139.90*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14657	168	68.77	\$213.14*
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14505	170	41.57	\$348.90
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19846	117	34.22	\$579.98
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20753	108	12.15	\$1,707.56
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13635	181	113.64	\$119.98
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20746	109	79.80	\$259.98
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21023	104	43.98	\$477.98
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	95	7.71	\$2,792.14
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	200	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	176	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	135	5.79	\$3,121.72*
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 @ 2.00GHz	14948	166	108.32	\$138.00
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18928	127	131.35	\$144.10
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20291	113	56.37	\$359.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20576	112	8.03	\$2,562.24*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	171	91.04	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14152	175	94.35	\$150.00
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	105	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13634	182	4.66	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	128	52.29	\$359.98*
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	121	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	137	4.85	\$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16327	150	117.48	\$138.98*
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17861	136	51.21	\$348.80
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22577	87	14.30	\$1,578.82*
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23225	80	7.74	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	81	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17131	141	76.23	\$224.74
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	67	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16902	143	159.48	\$105.98
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22596	85	52.63	\$429.36
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22736	83	13.29	\$1,710.60
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22694	84	5.82	\$3,898.06*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18154	134	69.82	\$260.00
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20594	111	42.37	\$486.08
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	90	37.29	\$600.00
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	77	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21751	94	15.54	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	59	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	116	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21063	103	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	34	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18176	133	56.34	\$322.64
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21513	96	45.77	\$470.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24455	71	24.02	\$1,018.00
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22584	86	7.48	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	142	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21104	101	20.69	\$1,019.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	66	5.66	\$4,417.86*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	92	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	56	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	44	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20866	106	22.26	\$937.24
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23303	79	32.37	\$719.80
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24222	72	20.53	\$1,179.98
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	57	6.13	\$4,349.98*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19596	118	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	61	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19293	123	75.28	\$256.30
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23477	76	25.52	\$920.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25628	63	47.46	\$540.00
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27291	54	6.29	\$4,339.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	21068	102	40.52	\$519.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	68	12.30	\$2,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	70	6.81	\$3,618.00
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23483	75	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	32	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31774	27	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23324	78	30.72	\$759.24
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27639	50	28.79	\$960.00
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30182	33	4.94	\$6,109.98*
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	48	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29093	40	4.25	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	31	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	24	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	73	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	27007	55	5.38	\$5,018.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	19	2.86	\$11,909.58*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	110	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	120	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	156	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	125	35.31	\$544.08*
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	119	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18712	129	97.98	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	167	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	229	44.50	\$239.98*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	88	2.34	\$9,600.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	52	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	203	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	159	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	89	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	206	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	16047	151	42.45	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	247	25.11	\$399.98*
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10207	241	1.02	\$10,017.02*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	439	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	403	22.75	\$177.52
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3551	405	36.23	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4166	397	53.75	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	379	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	387	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5120	375	64.02	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5142	374	52.47	\$98.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6010	350	14.38	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6349	339	12.21	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6845	329	49.60	\$138.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7127	320	188.05	\$37.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7504	311	12.55	\$597.88*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7094	322	129.93	\$54.60*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7796	301	129.76	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	434	12.93	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	423	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4878	383	34.87	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4990	378	39.60	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	366	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7418	313	259.92	\$28.54*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	306	15.66	\$492.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	298	66.51	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	399	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	364	12.57	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5947	352	13.58	\$438.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8050	294	57.51	\$139.98*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8280	287	118.29	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8638	277	154.31	\$55.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10314	237	47.76	\$215.96*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10318	236	44.86	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	365	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	368	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	93	8.41	\$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21437	97	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	100	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22282	91	8.38	\$2,658.06*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	65	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	139	6.73	\$2,595.00*
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	53	10.14	\$2,698.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	126	7.83	\$2,442.00*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28298	47	7.04	\$4,017.90
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22875	82	6.50	\$3,519.50*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26585	58	6.78	\$3,920.58
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	51	6.24	\$4,410.00*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25308	64	5.33	\$4,745.98*
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29838	36	5.71	\$5,227.18*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	49	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34466	18	6.87	\$5,018.00*
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	23	6.68	\$4,879.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	43	4.72	\$6,116.66*
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	29907	35	NA	NA
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28594	45	4.89	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29655	37	3.22	\$9,217.90
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36731	12	6.30	\$5,829.90
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32006	25	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33530	22	4.31	\$7,770.68*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	9	4.75	\$7,818.00
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	29161	39	6.57	\$4,440.00*
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31663	28	5.41	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33741	20	5.13	\$6,572.00*
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	7	6.30	\$6,156.00*
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41159	3	5.11	\$8,059.94*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	390	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	394	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	381	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	362	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	347	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	336	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	349	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	380	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	327	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	326	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	296	206.10	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7000	325	228.76	\$30.60*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	268	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	256	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9654	255	161.06	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	465	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	468	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	461	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	447	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	14	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	36925	10	2.40	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	38	2.96	\$9,872.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	6	3.33	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	13	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	15	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	8	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	4	3.26	\$12,604.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	153	16.07	\$993.96*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16472	147	20.34	\$810.00
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	185	13.24	\$1,027.98*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19211	124	14.45	\$1,329.74
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	98	10.32	\$2,076.08*
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	115	19.96	\$1,002.00*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10079	245	47.08	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	235	2.06	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	238	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	385	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	386	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	382	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5744	356	9.27	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6203	346	31.17	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7437	312	62.02	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7825	299	85.07	\$91.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	291	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	303	17.28	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8175	289	40.88	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8682	275	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8934	270	14.65	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	264	133.63	\$67.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9505	259	237.63	\$40.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	251	246.96	\$39.86*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11284	218	84.10	\$134.18
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11597	213	239.21	\$48.48*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10273	239	220.17	\$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12220	201	203.73	\$59.98
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	246	111.97	\$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12441	196	79.76	\$155.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11278	219	148.08	\$76.16*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	184	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13548	187	96.77	\$140.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11940	208	54.77	\$218.00*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13737	178	54.95	\$249.98
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	281	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	332	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	274	6.15	\$1,417.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	250	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11794	211	268.05	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	396	46.34	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	377	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	393	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	392	27.37	\$159.90
[Dual CPU] Quad-Core AMD Opteron 8378	5382	367	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	328	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	359	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	351	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	285	NA	NA
[Quad CPU] AMD Opteron 6136	9767	252	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	279	26.87	\$319.80
[Quad CPU] AMD Opteron 6272	12292	199	43.91	\$279.96
[Quad CPU] AMD Opteron 6274	10488	231	58.28	\$179.96
[Quad CPU] AMD Opteron 6276	15342	161	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	204	9.75	\$1,236.00
[Quad CPU] AMD Opteron 6282 SE	11044	223	21.24	\$519.96*
[Quad CPU] AMD Opteron 6376	13257	189	50.99	\$260.00
[Quad CPU] AMD Opteron 6378	20859	107	13.07	\$1,596.00
[Quad CPU] AMD Opteron 6380	12442	195	52.72	\$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	335	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	348	NA	NA
[Quad CPU] AMD Opteron 8382	8553	280	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	315	NA	NA
[Quad CPU] AMD Opteron 8431	8252	288	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	321	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	269	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	448	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	409	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	144	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	155	29.66	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	183	42.59	\$319.96*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	69	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	99	55.95	\$381.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	60	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	30	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	114	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	152	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	17	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	46	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	26	NA	NA
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	11	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	15433	160	96.48	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17287	140	131.00	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14316	172	18.94	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	193	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	158	0.79	\$20,034.04*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	324	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	304	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	242	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	257	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	265	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	62	5.04	\$5,190.00*
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	16	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	5	2.62	\$15,541.36*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	253	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	258	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	205	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	278	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	214	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	13145	191	149.38	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	318	22.42	\$319.80

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