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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	2718	NA	NA
AMD A4 Micro-6400T APU	1544	1910	NA	NA
AMD A4 PRO-3340B	2402	1516	NA	NA
AMD A4 PRO-7300B APU	2335	1538	NA	NA
AMD A4 PRO-7350B	2227	1592	NA	NA
AMD A4-1200 APU	632	2398	NA	NA
AMD A4-1250 APU	619	2405	NA	NA
AMD A4-3300 APU	1499	1935	115.46	\$12.99
AMD A4-3300M APU	1185	2098	39.52	\$29.99*
AMD A4-3305M APU	1223	2076	39.70	\$30.81*
AMD A4-3310MX APU	1287	2038	NA	NA
AMD A4-3320M APU	1253	2060	34.93	\$35.90
AMD A4-3330MX APU	1212	2081	NA	NA
AMD A4-3400 APU	1592	1896	18.11	\$87.95
AMD A4-3420 APU	1666	1853	NA	NA
AMD A4-4000 APU	1831	1769	14.28	\$128.27*
AMD A4-4020 APU	1921	1716	20.89	\$92.00
AMD A4-4300M APU	1612	1884	40.44	\$39.86*
AMD A4-4355M APU	1177	2100	NA	NA
AMD A4-5000 APU	1914	1722	NA	NA
AMD A4-5050 APU	2113	1634	NA	NA
AMD A4-5100 APU	2037	1664	NA	NA
AMD A4-5150M APU	1856	1753	NA	NA
AMD A4-5300 APU	2011	1676	15.79	\$127.39
AMD A4-5300B APU	2142	1618	56.38	\$38.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-6210 APU	2168	1610	NA	NA
AMD A4-6250J APU	2556	1459	NA	NA
AMD A4-6300 APU	2221	1594	37.02	\$59.99*
AMD A4-6300B APU	2129	1625	21.30	\$100.00*
AMD A4-6320 APU	2329	1540	33.29	\$69.99*
AMD A4-7210 APU	2523	1472	NA	NA
AMD A4-7300 APU	2306	1551	19.38	\$119.00
AMD A4-9120	1944	1705	NA	NA
AMD A4-9125	1978	1691	NA	NA
AMD A6 Micro-6500T APU	1834	1766	NA	NA
AMD A6 PRO-7050B APU	1616	1882	NA	NA
AMD A6 PRO-7400B	2608	1438	NA	NA
AMD A6-1450 APU	1532	1916	NA	NA
AMD A6-3400M APU	1883	1742	62.85	\$29.97*
AMD A6-3410MX APU	2057	1660	515.55	\$3.99*
AMD A6-3420M APU	1999	1679	NA	NA
AMD A6-3430MX APU	2200	1601	NA	NA
AMD A6-3500 APU	2012	1675	50.32	\$39.99*
AMD A6-3600 APU	2701	1413	117.50	\$22.99*
AMD A6-3620 APU	2797	1381	46.64	\$59.99*
AMD A6-3650 APU	3148	1265	98.41	\$31.99*
AMD A6-3670 APU	3169	1253	5.20	\$610.00*
AMD A6-4400M APU	1640	1867	205.36	\$7.99*
AMD A6-4455M APU	1286	2039	NA	NA
AMD A6-5200 APU	2432	1504	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	1944	NA	NA
AMD A6-5350M APU	1902	1726	44.13	\$43.12
AMD A6-5357M APU	1941	1707	NA	NA
AMD A6-5400B APU	2238	1587	21.31	\$105.04*
AMD A6-5400K APU	2157	1615	21.79	\$99.00
AMD A6-6310 APU	2454	1498	NA	NA
AMD A6-6400B APU	2281	1565	NA	NA
AMD A6-6400K APU	2308	1549	11.04	\$208.99
AMD A6-6420B APU	2612	1436	NA	NA
AMD A6-6420K APU	2388	1522	15.92	\$149.99*
AMD A6-7000	1667	1851	NA	NA
AMD A6-7310 APU	2666	1423	NA	NA
AMD A6-7400K APU	2782	1386	43.39	\$64.12
AMD A6-7470K	2727	1407	11.22	\$243.00
AMD A6-7480	3159	1261	71.82	\$43.99
AMD A6-8500P	2202	1600	NA	NA
AMD A6-8550	3032	1300	NA	NA
AMD A6-9200	1738	1805	NA	NA
AMD A6-9210	1728	1809	NA	NA
AMD A6-9220	2163	1612	NA	NA
AMD A6-9220C	2071	1652	NA	NA
AMD A6-9220e	1639	1868	NA	NA
AMD A6-9225	2147	1617	NA	NA
AMD A6-9230	2102	1639	NA	NA
AMD A6-9500	3047	1298	65.79	\$46.32

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-9500E	2889	1356	40.20	\$71.87
AMD A8 PRO-7150B APU	2650	1426	NA	NA
AMD A8 PRO-7600B APU	4735	893	NA	NA
AMD A8-3500M APU	1972	1692	28.20	\$69.95
AMD A8-3510MX APU	2379	1525	NA	NA
AMD A8-3520M APU	2171	1608	NA	NA
AMD A8-3530MX APU	2365	1533	NA	NA
AMD A8-3550MX APU	2610	1437	NA	NA
AMD A8-3800 APU	3014	1304	52.89	\$56.99*
AMD A8-3820 APU	3104	1275	24.84	\$124.99*
AMD A8-3850 APU	3462	1170	32.76	\$105.68*
AMD A8-3870K APU	3539	1149	23.65	\$149.67
AMD A8-4500M APU	2666	1424	NA	NA
AMD A8-4555M APU	2121	1629	NA	NA
AMD A8-5500 APU	3997	1037	70.74	\$56.50*
AMD A8-5500B APU	3993	1039	NA	NA
AMD A8-5545M APU	2587	1447	NA	NA
AMD A8-5550M APU	3006	1308	NA	NA
AMD A8-5557M APU	2965	1323	NA	NA
AMD A8-5600K APU	4341	974	18.93	\$229.30
AMD A8-6410 APU	2571	1455	NA	NA
AMD A8-6500 APU	4396	962	46.29	\$94.99*
AMD A8-6500B APU	4612	916	NA	NA
AMD A8-6500T APU	3221	1235	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	923	47.31	\$96.99*
AMD A8-7050	1986	1686	NA	NA
AMD A8-7100 APU	2807	1379	NA	NA
AMD A8-7200P	3319	1206	NA	NA
AMD A8-7410 APU	2741	1401	NA	NA
AMD A8-7600 APU	5067	824	63.35	\$79.99*
AMD A8-7650K	4924	859	19.39	\$254.00
AMD A8-7670K	5082	820	31.55	\$161.10*
AMD A8-7680	5185	808	86.45	\$59.99*
AMD A8-8600P	3248	1226	NA	NA
AMD A8-8650	5470	760	NA	NA
AMD A8-9600	4990	846	77.59	\$64.31
AMD A9-9400	2328	1541	NA	NA
AMD A9-9410	2554	1460	NA	NA
AMD A9-9420	2334	1539	NA	NA
AMD A9-9420e	1894	1733	NA	NA
AMD A9-9425	2542	1467	NA	NA
AMD A9-9430	2524	1471	NA	NA
AMD A10 Micro-6700T APU	1970	1693	NA	NA
AMD A10 PRO-7350B APU	3171	1252	NA	NA
AMD A10 PRO-7800B APU	4909	861	NA	NA
AMD A10 PRO-7850B APU	5380	776	NA	NA
AMD A10-4600M APU	3113	1274	NA	NA
AMD A10-4655M APU	2607	1439	NA	NA
AMD A10-4657M APU	2906	1348	NA	NA
AMD A10-5700 APU	4211	999	65.30	\$64.50*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-5745M APU	2763	1394	NA	NA
AMD A10-5750M APU	3344	1203	NA	NA
AMD A10-5757M APU	3084	1281	NA	NA
AMD A10-5800B APU	4568	925	NA	NA
AMD A10-5800K APU	4637	908	7.60	\$610.00*
AMD A10-6700 APU	4606	918	39.37	\$116.99*
AMD A10-6700T APU	3693	1114	25.02	\$147.61*
AMD A10-6790K APU	4685	900	49.32	\$94.99*
AMD A10-6800B APU	4806	879	NA	NA
AMD A10-6800K APU	4861	871	16.95	\$286.85*
AMD A10-7300 APU	2906	1345	NA	NA
AMD A10-7400P	3603	1129	NA	NA
AMD A10-7700K APU	5119	813	14.77	\$346.70*
AMD A10-7800 APU	4982	848	48.19	\$103.39*
AMD A10-7850K APU	5471	759	28.80	\$190.00
AMD A10-7860K	5066	825	28.95	\$175.00*
AMD A10-7870K	5468	761	24.09	\$226.99*
AMD A10-7890K	5701	730	28.51	\$199.99*
AMD A10-8700P	3445	1174	NA	NA
AMD A10-8750	5057	827	NA	NA
AMD A10-8850	5598	745	NA	NA
AMD A10-9600P	3777	1089	NA	NA
AMD A10-9620P	3673	1118	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	943	NA	NA
AMD A10-9700	5385	775	66.47	\$81.02
AMD A10-9700E	4747	892	39.49	\$120.24*
AMD A12-9700P	3725	1105	NA	NA
AMD A12-9720P	3998	1036	NA	NA
AMD A12-9730P	4472	947	NA	NA
AMD A12-9800	5521	754	37.25	\$148.24*
AMD A12-9800E	5083	818	39.11	\$129.99
AMD Athlon64 X2 Dual Core 4600+	1108	2141	NA	NA
AMD Athlon 4	279	2738	11.68	\$23.95
AMD Athlon 64 2000+	116	2872	NA	NA
AMD Athlon 64 2200+	575	2430	NA	NA
AMD Athlon 64 2600+	374	2612	NA	NA
AMD Athlon 64 2800+	438	2541	4.38	\$99.99*
AMD Athlon 64 3000+	464	2510	6.19	\$74.95*
AMD Athlon 64 3200+	492	2479	3.28	\$149.95*
AMD Athlon 64 3300+	576	2429	NA	NA
AMD Athlon 64 3400+	545	2441	NA	NA
AMD Athlon 64 3500+	540	2447	4.97	\$108.95*
AMD Athlon 64 3600+	601	2414	NA	NA
AMD Athlon 64 3700+	598	2416	8.67	\$69.00*
AMD Athlon 64 3800+	589	2419	3.28	\$179.95*
AMD Athlon 64 4000+	608	2409	3.32	\$183.27*
AMD Athlon 64 FX-25	794	2324	NA	NA
AMD Athlon 64 FX-34	380	2604	NA	NA
AMD Athlon 64 FX-51	437	2542	NA	NA
AMD Athlon 64 FX-53	646	2390	21.57	\$29.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-55	721	2354	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2350	NA	NA
AMD Athlon 64 FX-59	715	2357	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2044	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1901	NA	NA
AMD Athlon 64 FX-72	1794	1780	NA	NA
AMD Athlon 64 FX-74	1495	1939	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2236	NA	NA
AMD Athlon 64 X2 4200+	1285	2041	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2210	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2231	16.05	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	999	2204	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1043	2178	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1097	2146	6.86	\$159.95
AMD Athlon 64 X2 Dual Core 4400+	1146	2125	19.11	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1219	2078	3.39	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1253	2059	2.73	\$459.95*
AMD Athlon 64 X2 Dual Core 5000+	1313	2019	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	1984	9.87	\$139.95
AMD Athlon 64 X2 Dual Core 5400+	1448	1955	27.34	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1486	1942	10.62	\$139.95
AMD Athlon 64 X2 Dual Core 5800+	1516	1926	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	1887	34.90	\$45.95
AMD Athlon 64 X2 Dual Core 6400+	1791	1782	6.89	\$259.95*
AMD Athlon 64 X2 Dual Core BE-230	1095	2150	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2159	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2176	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2302	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2303	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2225	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2281	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2312	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2283	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	925	2258	NA	NA
AMD Athlon 64 X2 QL-60	921	2263	NA	NA
AMD Athlon 64 X2 QL-62	1005	2199	NA	NA
AMD Athlon 64 X2 QL-64	992	2214	NA	NA
AMD Athlon 64 X2 QL-65	1050	2174	NA	NA
AMD Athlon 64 X2 QL-66	947	2245	NA	NA
AMD Athlon 64 X2 QL-67	1006	2198	NA	NA
AMD Athlon 64 X2 TK-55	955	2238	NA	NA
AMD Athlon 64 X2 TK-57	988	2216	NA	NA
AMD Athlon 200GE	4937	855	79.72	\$61.94
AMD Athlon 220GE	5252	794	75.05	\$69.99
AMD Athlon 240GE	5411	768	73.14	\$73.99
AMD Athlon 1500+	294	2711	NA	NA
AMD Athlon 1640B	670	2380	13.42	\$50.00*
AMD Athlon 2000+	390	2600	NA	NA
AMD Athlon 2100+	412	2563	NA	NA
AMD Athlon 2200+	363	2630	4.55	\$79.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 2400+	462	2513	NA	NA
AMD Athlon 2500+	374	2610	2.04	\$183.99*
AMD Athlon 2600+	444	2532	4.23	\$104.95*
AMD Athlon 2650e	409	2567	21.56	\$19.00*
AMD Athlon 2800+	447	2529	3.20	\$139.95*
AMD Athlon 2850e	506	2472	NA	NA
AMD Athlon 3100+	485	2490	NA	NA
AMD Athlon 3200+	458	2517	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	2033	10.78	\$119.95
AMD Athlon 5150 APU	2106	1637	13.17	\$159.95
AMD Athlon 5200 Dual-Core	1266	2054	42.23	\$29.99*
AMD Athlon 5350 APU	2607	1440	7.70	\$338.46*
AMD Athlon 5370 APU	2912	1340	45.73	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1956	NA	NA
AMD Athlon 7550 Dual-Core	1470	1946	24.52	\$60.00
AMD Athlon 7750 Dual-Core	1571	1902	8.76	\$179.40
AMD Athlon 7850 Dual-Core	1713	1819	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2721	NA	NA
AMD Athlon Dual Core 4050e	1086	2155	NA	NA
AMD Athlon Dual Core 4450B	1166	2111	37.63	\$31.00*
AMD Athlon Dual Core 4450e	1107	2143	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 4850B	1391	1977	NA	NA
AMD Athlon Dual Core 4850e	1313	2020	33.67	\$39.00*
AMD Athlon Dual Core 5000B	1304	2024	13.74	\$95.00*
AMD Athlon Dual Core 5050e	1343	2005	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1316	2018	NA	NA
AMD Athlon Dual Core 5400B	1420	1969	NA	NA
AMD Athlon Dual Core 5600B	1304	2025	NA	NA
AMD Athlon II 160u	560	2436	18.68	\$29.99*
AMD Athlon II 170u	625	2401	20.89	\$29.95*
AMD Athlon II Dual-Core M300	1112	2136	NA	NA
AMD Athlon II Dual-Core M320	1141	2127	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2172	NA	NA
AMD Athlon II N330 Dual-Core	1154	2118	NA	NA
AMD Athlon II N350 Dual-Core	1249	2064	NA	NA
AMD Athlon II N370 Dual-Core	1559	1906	NA	NA
AMD Athlon II Neo K125	473	2502	NA	NA
AMD Athlon II Neo K145	525	2455	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2330	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2293	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2323	NA	NA
AMD Athlon II P320 Dual-Core	1217	2079	40.66	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2063	27.82	\$44.95*
AMD Athlon II P360 Dual-Core	1318	2017	54.93	\$24.00*
AMD Athlon II X2 210e	1486	1941	NA	NA
AMD Athlon II X2 215	1569	1904	130.89	\$11.99*
AMD Athlon II X2 220	1632	1872	50.73	\$32.19
AMD Athlon II X2 225	1526	1917	NA	NA
AMD Athlon II X2 235e	1656	1859	9.11	\$181.88*
AMD Athlon II X2 240	1642	1864	46.99	\$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 240e	1695	1835	48.52	\$34.95*
AMD Athlon II X2 245	1661	1857	47.54	\$34.95
AMD Athlon II X2 245e	1709	1824	21.37	\$80.00*
AMD Athlon II X2 250	1742	1802	44.73	\$38.95
AMD Athlon II X2 250e	1939	1708	25.28	\$76.73*
AMD Athlon II X2 250u	1000	2203	28.64	\$34.95
AMD Athlon II X2 255	1841	1762	28.23	\$65.22*
AMD Athlon II X2 260	1874	1744	93.76	\$19.99*
AMD Athlon II X2 260u	1107	2142	13.28	\$83.44*
AMD Athlon II X2 265	1890	1737	22.81	\$82.88*
AMD Athlon II X2 270	1978	1690	82.46	\$23.99*
AMD Athlon II X2 270u	1350	2001	19.96	\$67.67*
AMD Athlon II X2 280	2129	1624	21.30	\$99.99*
AMD Athlon II X2 4300e	1350	2000	NA	NA
AMD Athlon II X2 4400e	1632	1874	NA	NA
AMD Athlon II X2 4450e	1504	1932	NA	NA
AMD Athlon II X2 B22	1711	1820	41.05	\$41.69*
AMD Athlon II X2 B24	1777	1786	44.50	\$39.95
AMD Athlon II X2 B26	1904	1725	54.50	\$34.95
AMD Athlon II X2 B28	2085	1646	42.52	\$49.05*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 400e	2009	1677	18.70	\$107.43*
AMD Athlon II X3 405e	2000	1678	25.00	\$79.99*
AMD Athlon II X3 415e	2247	1581	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1560	19.68	\$116.15*
AMD Athlon II X3 425	2318	1545	85.90	\$26.99*
AMD Athlon II X3 425e	2239	1586	NA	NA
AMD Athlon II X3 435	2472	1493	82.44	\$29.99*
AMD Athlon II X3 440	2566	1456	95.10	\$26.99*
AMD Athlon II X3 445	2572	1454	28.26	\$91.00*
AMD Athlon II X3 450	2621	1434	68.98	\$38.01
AMD Athlon II X3 455	2767	1390	70.98	\$38.99*
AMD Athlon II X3 460	2863	1360	73.45	\$38.99*
AMD Athlon II X4 553	3814	1080	NA	NA
AMD Athlon II X4 555	3830	1075	NA	NA
AMD Athlon II X4 559	4135	1014	NA	NA
AMD Athlon II X4 600e	2453	1499	18.84	\$130.23*
AMD Athlon II X4 605e	2738	1404	26.90	\$101.80*
AMD Athlon II X4 610e	2790	1383	39.87	\$69.99*
AMD Athlon II X4 615e	2901	1352	49.17	\$59.00*
AMD Athlon II X4 620	2932	1333	41.89	\$69.99*
AMD Athlon II X4 620e	2906	1349	NA	NA
AMD Athlon II X4 630	3132	1267	49.76	\$62.95
AMD Athlon II X4 631 Quad-Core	3153	1263	39.41	\$80.00*
AMD Athlon II X4 635	3235	1230	46.25	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1240	120.73	\$26.49*
AMD Athlon II X4 640	3314	1209	41.45	\$79.95
AMD Athlon II X4 641 Quad-Core	3345	1201	36.56	\$91.50*
AMD Athlon II X4 645	3469	1167	43.40	\$79.95
AMD Athlon II X4 650	3482	1165	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	1139	20.09	\$178.04*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 655	2998	1312	NA	NA
AMD Athlon II X4 6400e	2594	1443	NA	NA
AMD Athlon L110	303	2691	NA	NA
AMD Athlon LE-1600	557	2437	26.57	\$21.00*
AMD Athlon LE-1620	578	2427	32.12	\$18.00*
AMD Athlon LE-1640	627	2400	NA	NA
AMD Athlon LE-1660	679	2377	NA	NA
AMD Athlon MP	230	2792	4.20	\$54.95*
AMD Athlon MP 1700+	339	2653	NA	NA
AMD Athlon MP 2400+	436	2543	NA	NA
AMD Athlon MP 2800+	497	2477	NA	NA
AMD Athlon Neo MV-40	410	2565	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2201	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2329	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2307	NA	NA
AMD Athlon PRO 200GE	5204	800	NA	NA
AMD Athlon QI-46	473	2501	NA	NA
AMD Athlon TF-20	413	2562	NA	NA
AMD Athlon TF-36	395	2590	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 215	1543	1911	NA	NA
AMD Athlon X2 235e	1806	1776	NA	NA
AMD Athlon X2 240	1602	1888	NA	NA
AMD Athlon X2 240e	1670	1848	NA	NA
AMD Athlon X2 250	1696	1834	NA	NA
AMD Athlon X2 255	1627	1878	NA	NA
AMD Athlon X2 280	2303	1552	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1911	1724	38.23	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1579	NA	NA
AMD Athlon X2 440	1424	1966	NA	NA
AMD Athlon X2 Dual Core 3250e	783	2328	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2205	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2264	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2139	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2080	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2061	NA	NA
AMD Athlon X2 Dual Core L310	644	2392	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2196	NA	NA
AMD Athlon X3 425	2191	1604	NA	NA
AMD Athlon X3 435	2574	1452	26.96	\$95.49*
AMD Athlon X3 440	2078	1649	23.62	\$87.99*
AMD Athlon X3 445	2314	1547	NA	NA
AMD Athlon X3 450	3064	1290	38.80	\$78.99*
AMD Athlon X3 455	2401	1517	NA	NA
AMD Athlon X4 605e	2505	1481	NA	NA
AMD Athlon X4 620	2861	1361	47.74	\$59.95
AMD Athlon X4 635	2891	1355	23.71	\$121.99*
AMD Athlon X4 640	3172	1251	NA	NA
AMD Athlon X4 740 Quad Core	4015	1032	14.50	\$277.00*
AMD Athlon X4 750 Quad Core	4551	928	NA	NA
AMD Athlon X4 750K Quad Core	4253	990	55.25	\$76.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X4 760K Quad Core	4593	921	109.41	\$41.98*
AMD Athlon X4 830	4701	897	NA	NA
AMD Athlon X4 840	5046	833	64.09	\$78.74*
AMD Athlon X4 845	5397	773	101.59	\$53.13*
AMD Athlon X4 860K	5416	767	40.14	\$134.95
AMD Athlon X4 870K	5296	790	66.22	\$79.99*
AMD Athlon X4 880K	5545	749	55.46	\$99.99*
AMD Athlon X4 950	5249	795	82.84	\$63.37
AMD Athlon XP1600+	281	2733	NA	NA
AMD Athlon XP1900+	353	2639	NA	NA
AMD Athlon XP2100+	287	2723	NA	NA
AMD Athlon XP2200+	401	2581	NA	NA
AMD Athlon XP2400+	374	2611	NA	NA
AMD Athlon XP 1500	282	2732	NA	NA
AMD Athlon XP 1500+	257	2763	NA	NA
AMD Athlon XP 1600+	267	2753	NA	NA
AMD Athlon XP 1700	344	2649	NA	NA
AMD Athlon XP 1700+	271	2749	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	2698	5.10	\$58.95*
AMD Athlon XP 1900+	312	2682	NA	NA
AMD Athlon XP 2000+	299	2699	12.00	\$24.99*
AMD Athlon XP 2100+	323	2665	NA	NA
AMD Athlon XP 2200+	328	2664	3.87	\$84.95*
AMD Athlon XP 2300+	464	2509	NA	NA
AMD Athlon XP 2400+	360	2632	4.01	\$89.99*
AMD Athlon XP 2500+	355	2636	NA	NA
AMD Athlon XP 2600+	372	2616	16.18	\$23.03*
AMD Athlon XP 2700+	393	2593	4.64	\$84.79*
AMD Athlon XP 2800+	400	2583	NA	NA
AMD Athlon XP 2900+	424	2557	NA	NA
AMD Athlon XP 3000+	402	2578	5.06	\$79.70*
AMD Athlon XP 3100+	433	2547	NA	NA
AMD Athlon XP 3200+	431	2549	NA	NA
AMD Athlon XP 3400+	570	2433	NA	NA
AMD Athlon XP Pro3+	367	2624	NA	NA
AMD Athlon XP-M	541	2446	15.48	\$34.95*
AMD C-30	310	2684	NA	NA
AMD C-50	462	2512	NA	NA
AMD C-60	466	2506	NA	NA
AMD C-60 APU	543	2443	NA	NA
AMD C-70 APU	556	2438	NA	NA
AMD E1 Micro-6200T APU	960	2234	NA	NA
AMD E1-1200 APU	655	2388	NA	NA
AMD E1-1500 APU	688	2371	NA	NA
AMD E1-2100 APU	641	2395	NA	NA
AMD E1-2200 APU	767	2332	NA	NA
AMD E1-2500 APU	889	2280	NA	NA
AMD E1-6010 APU	863	2287	NA	NA
AMD E1-6015 APU	896	2278	NA	NA
AMD E1-7010 APU	1002	2202	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E2-1800 APU	816	2311	NA	NA
AMD E2-2000 APU	825	2308	NA	NA
AMD E2-3000 APU	1105	2145	NA	NA
AMD E2-3000M APU	1096	2148	54.84	\$20.00*
AMD E2-3200 APU	1386	1979	173.59	\$7.99*
AMD E2-3800 APU	1643	1863	NA	NA
AMD E2-6110 APU	1915	1721	NA	NA
AMD E2-7110 APU	2283	1562	NA	NA
AMD E2-9000	1641	1866	NA	NA
AMD E2-9000e	1343	2006	NA	NA
AMD E2-9010	1705	1826	NA	NA
AMD E2-9030	1515	1927	NA	NA
AMD E-240	319	2671	NA	NA
AMD E-300 APU	610	2408	NA	NA
AMD E-350	746	2345	NA	NA
AMD E-350 APU	757	2339	NA	NA
AMD E-350D APU	726	2352	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	2333	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1791	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1643	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2508	1479	NA	NA
AMD Embedded R-Series RX-216GD	2409	1513	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	823	NA	NA
AMD Embedded R-Series RX-421BD	4635	910	NA	NA
AMD EPYC 3201	9634	351	NA	NA
AMD EPYC 7251 8-Core	11811	235	23.07	\$512.00
AMD EPYC 7301	14978	146	17.31	\$865.24
AMD EPYC 7351	18081	83	14.80	\$1,221.99
AMD EPYC 7351P	14887	148	18.22	\$817.06
AMD EPYC 7371	22071	34	NA	NA
AMD EPYC 7401P	19555	66	18.19	\$1,075.00
AMD EPYC 7501	18942	72	5.32	\$3,559.56
AMD EPYC 7551	18483	78	5.19	\$3,559.56
AMD EPYC 7551P	18406	79	8.09	\$2,274.13
AMD FirePro A320 APU	4540	934	NA	NA
AMD FX-670K Quad-Core	4550	929	NA	NA
AMD FX-770K Quad-Core	4803	880	NA	NA
AMD FX-870K Quad Core	5021	839	NA	NA
AMD FX-4100 Quad-Core	4070	1024	26.53	\$153.45
AMD FX-4130 Quad-Core	4163	1008	54.79	\$75.99*
AMD FX-4150 Quad-Core	4594	920	NA	NA
AMD FX-4170 Quad-Core	4864	869	48.65	\$99.99*
AMD FX-4200 Quad-Core	4235	993	18.56	\$228.21*
AMD FX-4300 Quad-Core	4694	899	58.71	\$79.95
AMD FX-4320	5014	842	NA	NA
AMD FX-4330	5321	789	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-4350 Quad-Core	5340	784	12.42	\$430.00
AMD FX-6100 Six-Core	5389	774	21.30	\$253.00
AMD FX-6120 Six-Core	5733	727	NA	NA
AMD FX-6130 Six-Core	6215	675	NA	NA
AMD FX-6200 Six-Core	6116	688	17.99	\$339.95
AMD FX-6300 Six-Core	6387	660	93.27	\$68.49
AMD FX-6330 Six-Core	6916	609	NA	NA
AMD FX-6350 Six-Core	7001	598	59.08	\$118.51
AMD FX-7500 APU	3212	1237	NA	NA
AMD FX-7600P	4049	1026	NA	NA
AMD FX-7600P APU	4627	912	NA	NA
AMD FX-8100 Eight-Core	6008	698	42.31	\$142.00*
AMD FX-8120 Eight-Core	6600	641	29.64	\$222.73
AMD FX-8140 Eight-Core	6133	684	NA	NA
AMD FX-8150 Eight-Core	7632	540	76.36	\$99.95
AMD FX-8300 Eight-Core	7717	529	80.05	\$96.41
AMD FX-8310 Eight-Core	7723	527	NA	NA
AMD FX-8320 Eight-Core	8015	503	53.80	\$149.00
AMD FX-8320E Eight-Core	7550	545	76.28	\$98.99
AMD FX-8350 Eight-Core	8950	419	162.77	\$54.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8370 Eight-Core	9036	408	42.92	\$210.54
AMD FX-8370E Eight-Core	7808	519	24.39	\$320.09
AMD FX-8800P	4147	1012	NA	NA
AMD FX-9370 Eight-Core	9443	370	24.75	\$381.47
AMD FX-9590 Eight-Core	10192	298	68.17	\$149.50
AMD FX-9800P	3957	1050	NA	NA
AMD FX-9830P	4772	887	NA	NA
AMD FX-B4150 Quad-Core	4611	917	NA	NA
AMD G-T40E	467	2505	NA	NA
AMD G-T40N	516	2464	NA	NA
AMD G-T40R	203	2819	NA	NA
AMD G-T44R	229	2793	NA	NA
AMD G-T48E	667	2382	NA	NA
AMD G-T52R	308	2686	NA	NA
AMD G-T56E	751	2341	NA	NA
AMD G-T56N	794	2325	NA	NA
AMD Geode NX	264	2756	NA	NA
AMD Geode NX 1750	291	2712	NA	NA
AMD GX-210JA SOC	401	2582	NA	NA
AMD GX-212JC SOC	744	2346	NA	NA
AMD GX-217GA SOC	1107	2144	NA	NA
AMD GX-218GL SOC	1115	2133	NA	NA
AMD GX-222GC SOC	1255	2058	NA	NA
AMD GX-412HC	1497	1938	NA	NA
AMD GX-415GA SOC	1944	1706	NA	NA
AMD GX-420CA SOC	2412	1511	NA	NA
AMD GX-424CC SOC	2491	1486	NA	NA
AMD K7	403	2576	NA	NA
AMD Opteron 140	396	2588	0.56	\$710.00*
AMD Opteron 142	428	2553	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 144	486	2487	7.48	\$65.00*
AMD Opteron 146	532	2451	8.87	\$59.99*
AMD Opteron 148	603	2413	NA	NA
AMD Opteron 150	604	2411	NA	NA
AMD Opteron 152	658	2384	NA	NA
AMD Opteron 154	703	2366	NA	NA
AMD Opteron 165	899	2276	1.47	\$610.00*
AMD Opteron 170	1097	2147	NA	NA
AMD Opteron 175	1167	2110	NA	NA
AMD Opteron 180	1233	2071	9.49	\$129.95*
AMD Opteron 185	1342	2007	NA	NA
AMD Opteron 246	632	2399	31.62	\$19.99*
AMD Opteron 248	476	2499	4.77	\$99.95
AMD Opteron 250	649	2389	59.01	\$11.00*
AMD Opteron 252	760	2337	12.00	\$63.36*
AMD Opteron 254	693	2369	NA	NA
AMD Opteron 256	963	2229	50.72	\$19.00*
AMD Opteron 265	963	2230	13.20	\$73.00
AMD Opteron 270	1170	2107	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	2035	19.87	\$64.99
AMD Opteron 280	1176	2101	1.48	\$796.67*
AMD Opteron 285	1470	1947	NA	NA
AMD Opteron 290	1464	1949	10.85	\$135.00*
AMD Opteron 1210	923	2260	NA	NA
AMD Opteron 1210 HE	971	2224	NA	NA
AMD Opteron 1212	1009	2197	3.48	\$290.00*
AMD Opteron 1212 HE	1308	2022	NA	NA
AMD Opteron 1214	1191	2094	4.11	\$290.00*
AMD Opteron 1214 HE	1299	2027	NA	NA
AMD Opteron 1216	1311	2021	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2105	NA	NA
AMD Opteron 1218	1468	1948	NA	NA
AMD Opteron 1218 HE	1444	1957	NA	NA
AMD Opteron 1220	1653	1861	NA	NA
AMD Opteron 1222	1757	1793	NA	NA
AMD Opteron 1352	2316	1546	17.04	\$135.99*
AMD Opteron 1354	2630	1432	19.49	\$135.00*
AMD Opteron 1356	2765	1392	30.73	\$89.99*
AMD Opteron 1381	3065	1289	NA	NA
AMD Opteron 2212	1270	2050	63.53	\$20.00*
AMD Opteron 2214	1358	1998	46.85	\$29.00*
AMD Opteron 2214 HE	1415	1971	NA	NA
AMD Opteron 2216	1518	1925	61.21	\$24.80
AMD Opteron 2218	1594	1894	11.19	\$142.45
AMD Opteron 2220	1701	1830	2.24	\$758.84*
AMD Opteron 2220 SE	1398	1975	55.92	\$25.00*
AMD Opteron 2222	1843	1759	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1718	NA	NA
AMD Opteron 2350	2820	1373	10.45	\$269.99*
AMD Opteron 2356	2814	1375	54.12	\$52.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2373 EE	2789	1384	NA	NA
AMD Opteron 2374 HE	2951	1325	15.53	\$189.99*
AMD Opteron 2376	2283	1563	13.69	\$166.81*
AMD Opteron 2378	3179	1247	17.76	\$179.00*
AMD Opteron 2380	2640	1429	58.69	\$45.00
AMD Opteron 2384	3538	1150	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1151	NA	NA
AMD Opteron 2393 SE	2246	1582	NA	NA
AMD Opteron 2427	3069	1287	31.00	\$99.00
AMD Opteron 2431	4516	939	112.91	\$40.00
AMD Opteron 2435	4708	896	24.91	\$189.00
AMD Opteron 3250 HE	2942	1329	29.73	\$99.00*
AMD Opteron 3260 HE	3259	1221	NA	NA
AMD Opteron 3280	5403	771	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1420	NA	NA
AMD Opteron 3350 HE	4009	1034	NA	NA
AMD Opteron 3365	5963	701	NA	NA
AMD Opteron 3380	6384	661	7.89	\$809.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4122	2942	1330	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1255	NA	NA
AMD Opteron 4170 HE	3664	1119	62.11	\$59.00*
AMD Opteron 4184	4418	959	8.50	\$519.95*
AMD Opteron 4280	6430	652	128.60	\$50.00
AMD Opteron 4284	6660	635	111.03	\$59.99*
AMD Opteron 4332 HE	5614	742	NA	NA
AMD Opteron 4334	6099	691	28.18	\$216.42*
AMD Opteron 4365 EE	5025	838	NA	NA
AMD Opteron 4386	6761	623	48.30	\$139.99*
AMD Opteron 6128	4505	940	225.37	\$19.99
AMD Opteron 6134	2938	1331	66.81	\$43.99
AMD Opteron 6136	4631	911	42.10	\$110.00*
AMD Opteron 6164 HE	5351	782	NA	NA
AMD Opteron 6172	5261	792	26.57	\$198.00
AMD Opteron 6174	6171	680	62.34	\$99.00
AMD Opteron 6176 SE	5465	763	34.37	\$159.00*
AMD Opteron 6212	5776	722	192.62	\$29.99*
AMD Opteron 6220	6785	619	113.11	\$59.99*
AMD Opteron 6234	5938	705	198.27	\$29.95*
AMD Opteron 6238	7673	536	21.32	\$359.89*
AMD Opteron 6272	6748	625	21.77	\$309.95
AMD Opteron 6274	4865	868	20.36	\$239.00
AMD Opteron 6276	8889	425	52.60	\$169.00
AMD Opteron 6282 SE	9116	398	70.13	\$129.99*
AMD Opteron 6287 SE	9789	336	NA	NA
AMD Opteron 6328	7813	518	21.76	\$359.00
AMD Opteron 6366 HE	7503	549	250.19	\$29.99
AMD Opteron 6376	9212	389	141.72	\$65.00
AMD Opteron 6378	9094	400	22.79	\$399.00
AMD Opteron 6380	10081	309	170.88	\$59.00
AMD Opteron 6386 SE	10912	262	72.75	\$149.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 8354	2255	1578	93.98	\$24.00
AMD Opteron 8439 SE	3813	1081	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1291	NA	NA
AMD Opteron X3216 APU	2366	1532	NA	NA
AMD Opteron X3418 APU	4659	903	NA	NA
AMD Opteron X3421 APU	4928	858	NA	NA
AMD Phenom 2 X4 12000	3005	1310	NA	NA
AMD Phenom 7950 Quad-Core	2991	1313	NA	NA
AMD Phenom 8250 Triple-Core	1668	1850	NA	NA
AMD Phenom 8250e Triple-Core	1635	1871	34.81	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1873	NA	NA
AMD Phenom 8450 Triple-Core	1889	1740	63.08	\$29.95*
AMD Phenom 8450e Triple-Core	2026	1668	NA	NA
AMD Phenom 8600 Triple-Core	1673	1847	31.57	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1715	36.33	\$52.99*
AMD Phenom 8650 Triple-Core	1989	1684	39.79	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1659	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8750B Triple-Core	2034	1665	NA	NA
AMD Phenom 8850 Triple-Core	1968	1695	NA	NA
AMD Phenom 8850B Triple-Core	2080	1648	NA	NA
AMD Phenom 9100e Quad-Core	1831	1767	45.85	\$39.95*
AMD Phenom 9150e Quad-Core	2113	1633	52.91	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1544	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1441	24.76	\$105.00*
AMD Phenom 9500 Quad-Core	2202	1599	75.98	\$28.99*
AMD Phenom 9550 Quad-Core	2543	1466	87.74	\$28.99*
AMD Phenom 9600 Quad-Core	2301	1553	46.08	\$49.95*
AMD Phenom 9600B Quad-Core	2573	1453	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2636	1430	58.65	\$44.95
AMD Phenom 9750 Quad-Core	2810	1378	95.31	\$29.49*
AMD Phenom 9750B Quad-Core	2709	1411	NA	NA
AMD Phenom 9850 Quad-Core	2892	1354	24.11	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1259	NA	NA
AMD Phenom 9950 Quad-Core	3010	1305	22.30	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1476	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1328	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1126	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1162	NA	NA
AMD Phenom II N620 Dual-Core	1683	1839	421.84	\$3.99*
AMD Phenom II N640 Dual-Core	1718	1815	26.46	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1755	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1425	NA	NA
AMD Phenom II N830 Triple-Core	1890	1738	NA	NA
AMD Phenom II N850 Triple-Core	1937	1709	77.51	\$25.00*
AMD Phenom II N870 Triple-Core	1999	1680	NA	NA
AMD Phenom II N930 Quad-Core	2274	1568	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1490	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2521	1474	16.81	\$149.99*
AMD Phenom II P650 Dual-Core	1597	1892	45.66	\$35.00*
AMD Phenom II P820 Triple-Core	1602	1889	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II P840 Triple-Core	1709	1822	NA	NA
AMD Phenom II P860 Triple-Core	1756	1795	NA	NA
AMD Phenom II P920 Quad-Core	1866	1748	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1773	NA	NA
AMD Phenom II P960 Quad-Core	2085	1644	74.48	\$28.00*
AMD Phenom II X2 511	2104	1638	NA	NA
AMD Phenom II X2 521	2071	1651	NA	NA
AMD Phenom II X2 545	1916	1720	43.57	\$43.98*
AMD Phenom II X2 550	2021	1670	40.44	\$49.99*
AMD Phenom II X2 555	2045	1662	73.10	\$27.98*
AMD Phenom II X2 560	2061	1656	31.71	\$64.99*
AMD Phenom II X2 565	2222	1593	74.12	\$29.99*
AMD Phenom II X2 570	2068	1654	NA	NA
AMD Phenom II X2 B53	1709	1823	NA	NA
AMD Phenom II X2 B55	1921	1717	40.02	\$48.00*
AMD Phenom II X2 B57	1826	1771	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X2 B59	2118	1630	108.77	\$19.48*
AMD Phenom II X3 700e	2242	1584	NA	NA
AMD Phenom II X3 705e	2227	1591	14.63	\$152.34*
AMD Phenom II X3 710	2446	1500	28.95	\$84.53*
AMD Phenom II X3 715	2649	1428	31.17	\$84.99*
AMD Phenom II X3 720	2668	1421	38.13	\$69.99*
AMD Phenom II X3 740	2985	1314	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1406	36.47	\$75.00*
AMD Phenom II X3 B75	2906	1347	72.69	\$39.99*
AMD Phenom II X3 B77	3067	1288	137.64	\$22.29*
AMD Phenom II X4 805	2998	1311	17.23	\$173.99*
AMD Phenom II X4 810	3122	1271	26.92	\$115.99*
AMD Phenom II X4 820	3396	1185	45.31	\$74.95*
AMD Phenom II X4 830	3434	1176	42.95	\$79.95*
AMD Phenom II X4 840	3507	1159	39.00	\$89.95*
AMD Phenom II X4 840T	3598	1132	51.42	\$69.99*
AMD Phenom II X4 850	3549	1146	54.62	\$64.99*
AMD Phenom II X4 900e	2882	1358	NA	NA
AMD Phenom II X4 905e	3078	1285	57.02	\$53.99*
AMD Phenom II X4 910	3252	1225	32.52	\$100.00*
AMD Phenom II X4 910e	3254	1224	20.73	\$156.99*
AMD Phenom II X4 920	3393	1187	42.42	\$79.99
AMD Phenom II X4 925	3418	1179	77.70	\$43.99*
AMD Phenom II X4 940	3591	1134	60.52	\$59.34*
AMD Phenom II X4 945	3654	1123	53.66	\$68.11
AMD Phenom II X4 955	3924	1057	30.15	\$130.16*
AMD Phenom II X4 960T	3781	1088	59.10	\$63.99*
AMD Phenom II X4 965	4181	1006	49.74	\$84.07*
AMD Phenom II X4 970	4320	978	29.17	\$148.11*
AMD Phenom II X4 973	3759	1095	NA	NA
AMD Phenom II X4 975	4453	948	31.88	\$139.69*
AMD Phenom II X4 977	3750	1099	NA	NA
AMD Phenom II X4 980	4493	944	19.54	\$229.99*
AMD Phenom II X4 8700e	2377	1527	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B05e	2792	1382	NA	NA
AMD Phenom II X4 B15e	2736	1405	NA	NA
AMD Phenom II X4 B25	3297	1214	NA	NA
AMD Phenom II X4 B35	3383	1191	NA	NA
AMD Phenom II X4 B40	3361	1196	NA	NA
AMD Phenom II X4 B45	3467	1168	NA	NA
AMD Phenom II X4 B50	3699	1111	NA	NA
AMD Phenom II X4 B55	3854	1067	NA	NA
AMD Phenom II X4 B60	4043	1027	NA	NA
AMD Phenom II X4 B65	4172	1007	NA	NA
AMD Phenom II X4 B70	4261	989	NA	NA
AMD Phenom II X4 B93	3356	1199	NA	NA
AMD Phenom II X4 B95	3684	1117	50.51	\$72.95*
AMD Phenom II X4 B97	3865	1065	67.82	\$56.99*
AMD Phenom II X4 B99	4130	1015	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1035T	4643	905	24.57	\$189.00*
AMD Phenom II X6 1045T	4797	885	44.42	\$108.01*
AMD Phenom II X6 1055T	4958	853	61.80	\$80.24*
AMD Phenom II X6 1065T	5041	835	NA	NA
AMD Phenom II X6 1075T	5328	786	47.16	\$112.99*
AMD Phenom II X6 1090T	5564	747	14.05	\$396.08*
AMD Phenom II X6 1100T	5709	728	32.17	\$177.49*
AMD Phenom II X6 1405T	5042	834	NA	NA
AMD Phenom II X620 Dual-Core	2189	1605	NA	NA
AMD Phenom II X640 Dual-Core	2021	1671	NA	NA
AMD Phenom II X920 Quad-Core	2650	1427	NA	NA
AMD Phenom II X940 Quad-Core	2695	1414	NA	NA
AMD Phenom Ultra X4 24500	3945	1053	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1832	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1598	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1798	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2099	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1960	NA	NA
AMD Phenom X3 8550	1927	1712	11.34	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1792	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1681	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1588	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1353	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1410	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1416	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2082	NA	NA
AMD PRO A4-3350B APU	2274	1569	NA	NA
AMD PRO A4-8350B	2776	1388	NA	NA
AMD PRO A6-7350B	2759	1396	NA	NA
AMD PRO A6-8500B	2516	1477	NA	NA
AMD PRO A6-8530B	2388	1521	NA	NA
AMD PRO A6-8550B	2970	1321	NA	NA
AMD PRO A6-8570	3049	1297	NA	NA
AMD PRO A6-8570E	2824	1371	NA	NA
AMD PRO A6-9500	2950	1326	39.88	\$74.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A6-9500B	2076	1650	NA	NA
AMD PRO A6-9500E	2760	1395	37.30	\$74.00*
AMD PRO A8-8600B	3513	1156	NA	NA
AMD PRO A8-8650B	5245	797	NA	NA
AMD PRO A8-8670E	5015	840	NA	NA
AMD PRO A8-9600	5277	791	44.35	\$119.00*
AMD PRO A8-9600B	3964	1046	NA	NA
AMD PRO A10-8700B	3553	1145	NA	NA
AMD PRO A10-8730B	3971	1043	NA	NA
AMD PRO A10-8750B	5473	757	NA	NA
AMD PRO A10-8770	5707	729	NA	NA
AMD PRO A10-8770E	5035	837	NA	NA
AMD PRO A10-8850B	5852	713	NA	NA
AMD PRO A10-9700	5677	734	33.59	\$169.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A10-9700B	4380	964	NA	NA
AMD PRO A10-9700E	5066	826	36.45	\$139.00*
AMD PRO A12-8800B	4119	1018	NA	NA
AMD PRO A12-8830B	4315	981	NA	NA
AMD PRO A12-8870	6067	694	NA	NA
AMD PRO A12-8870E	5186	807	NA	NA
AMD PRO A12-9800	6132	685	36.29	\$169.00*
AMD PRO A12-9800B	4124	1017	NA	NA
AMD PRO A12-9800E	4769	888	28.22	\$169.00*
AMD QC-4000	1663	1856	NA	NA
AMD R-260H APU	1576	1900	NA	NA
AMD R-460L APU	1954	1700	NA	NA
AMD R-464L APU	3117	1273	NA	NA
AMD RX-427BB	4351	971	NA	NA
AMD Ryzen 3 1200	6731	628	103.58	\$64.99
AMD Ryzen 3 1300X	7504	548	62.54	\$119.99
AMD Ryzen 3 2200G	7306	575	85.97	\$84.99
AMD Ryzen 3 2200GE	6778	620	NA	NA
AMD Ryzen 3 2200U	4579	924	NA	NA
AMD Ryzen 3 2300U	6144	683	NA	NA
AMD Ryzen 3 2300X	8423	459	NA	NA
AMD Ryzen 3 3200U	5036	836	NA	NA
AMD Ryzen 3 PRO 1200	7069	593	NA	NA
AMD Ryzen 3 PRO 1300	8022	501	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	814	NA	NA
AMD Ryzen 3 PRO 2200G	8042	498	NA	NA
AMD Ryzen 3 PRO 2200GE	7630	541	NA	NA
AMD Ryzen 3 PRO 2300U	7124	589	NA	NA
AMD Ryzen 3 PRO 3300U	7398	563	NA	NA
AMD Ryzen 5 1400	8364	467	58.78	\$142.31
AMD Ryzen 5 1500X	10078	310	71.31	\$141.33
AMD Ryzen 5 1600	12283	223	102.37	\$119.99
AMD Ryzen 5 1600X	13208	196	85.78	\$153.99
AMD Ryzen 5 2400G	9315	379	71.66	\$129.99
AMD Ryzen 5 2400GE	8808	431	NA	NA
AMD Ryzen 5 2500U	7357	569	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 2500X	9663	350	NA	NA
AMD Ryzen 5 2600	13512	193	91.43	\$147.79
AMD Ryzen 5 2600H	8366	466	NA	NA
AMD Ryzen 5 2600X	14374	159	75.66	\$189.99
AMD Ryzen 5 3500U	8180	483	NA	NA
AMD Ryzen 5 3550H	8460	456	NA	NA
AMD Ryzen 5 3600	19634	64	98.67	\$199.00*
AMD Ryzen 5 PRO 1500	10133	302	NA	NA
AMD Ryzen 5 PRO 1600	12213	225	NA	NA
AMD Ryzen 5 PRO 2400G	9996	316	NA	NA
AMD Ryzen 5 PRO 2400GE	8561	452	NA	NA
AMD Ryzen 5 PRO 2500U	8374	465	NA	NA
AMD Ryzen 5 PRO 2600	14221	164	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 1700	13772	181	53.02	\$259.76
AMD Ryzen 7 1700X	14683	150	88.46	\$165.99
AMD Ryzen 7 1800X	15420	136	63.45	\$243.04
AMD Ryzen 7 2700	15014	143	68.56	\$218.99
AMD Ryzen 7 2700U	7391	564	NA	NA
AMD Ryzen 7 2700X	16982	96	62.91	\$269.94
AMD Ryzen 7 2800H	8498	453	NA	NA
AMD Ryzen 7 3700U	8099	492	NA	NA
AMD Ryzen 7 3700X	23557	24	71.60	\$329.00*
AMD Ryzen 7 3750H	9053	405	NA	NA
AMD Ryzen 7 PRO 1700	14171	167	NA	NA
AMD Ryzen 7 PRO 1700X	15367	139	NA	NA
AMD Ryzen 7 PRO 2700	15714	132	NA	NA
AMD Ryzen 7 PRO 2700U	8839	430	NA	NA
AMD Ryzen 7 PRO 2700X	17161	93	NA	NA
AMD Ryzen 7 PRO 3700U	7674	535	NA	NA
AMD Ryzen Embedded R1505G	4733	894	NA	NA
AMD Ryzen Embedded V1202B	4368	967	NA	NA
AMD Ryzen Embedded V1605B	7454	554	NA	NA
AMD Ryzen Embedded V1807B	8604	449	NA	NA
AMD Ryzen Threadripper 1900X	16133	119	55.64	\$289.99
AMD Ryzen Threadripper 1920X	19612	65	53.79	\$364.59
AMD Ryzen Threadripper 1950X	21818	39	43.64	\$499.99
AMD Ryzen Threadripper 2920X	22109	33	40.20	\$549.99
AMD Ryzen Threadripper 2950X	25527	15	32.41	\$787.75
AMD Ryzen Threadripper 2970WX	22029	35	16.32	\$1,349.97
AMD Ryzen Threadripper 2990WX	23257	28	14.38	\$1,617.11
AMD Ryzen Threadripper 2990X	19227	69	NA	NA
AMD Sempron 130	656	2387	26.29	\$24.99*
AMD Sempron 140	738	2348	18.64	\$39.59*
AMD Sempron 145	806	2320	8.49	\$94.92
AMD Sempron 150	707	2361	15.74	\$44.95*
AMD Sempron 200U	267	2752	3.08	\$87.00*
AMD Sempron 210U	391	2598	NA	NA
AMD Sempron 240	2110	1635	36.39	\$58.00
AMD Sempron 2100+	392	2596	NA	NA
AMD Sempron 2200+	281	2736	9.38	\$29.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2300+	318	2673	7.07	\$45.00*
AMD Sempron 2400+	314	2680	12.10	\$26.00*
AMD Sempron 2500+	335	2656	6.11	\$54.95*
AMD Sempron 2600+	373	2614	10.70	\$34.95
AMD Sempron 2650 APU	947	2244	17.66	\$53.68
AMD Sempron 2800+	383	2602	6.40	\$59.95
AMD Sempron 3000+	408	2569	20.41	\$20.00
AMD Sempron 3100+	452	2523	7.53	\$60.00*
AMD Sempron 3200+	406	2570	3.10	\$131.22*
AMD Sempron 3300+	484	2492	8.07	\$60.00
AMD Sempron 3400+	454	2521	3.47	\$131.22*
AMD Sempron 3500+	379	2605	18.98	\$20.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 3600+	483	2494	40.30	\$12.00*
AMD Sempron 3800+	554	2439	3.62	\$152.92*
AMD Sempron 3850 APU	1715	1817	21.10	\$81.33
AMD Sempron Dual Core 2100	936	2251	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2209	NA	NA
AMD Sempron Dual Core 2300	982	2217	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2243	NA	NA
AMD Sempron Dual Core 4900	1081	2160	NA	NA
AMD Sempron LE-250	490	2481	NA	NA
AMD Sempron LE-1100	438	2540	NA	NA
AMD Sempron LE-1150	444	2531	NA	NA
AMD Sempron LE-1200	528	2453	NA	NA
AMD Sempron LE-1250	541	2445	5.41	\$99.95*
AMD Sempron LE-1300	598	2415	28.51	\$21.00
AMD Sempron LE-1600	535	2450	NA	NA
AMD Sempron LE-1620	635	2397	NA	NA
AMD Sempron LE-1640	759	2338	NA	NA
AMD Sempron M100	563	2435	46.99	\$12.00*
AMD Sempron M120	582	2424	NA	NA
AMD Sempron SI-40	443	2533	36.93	\$12.00*
AMD Sempron SI-42	456	2520	15.22	\$30.01*
AMD Sempron X2 180	1222	2077	17.62	\$69.40*
AMD Sempron X2 190	1512	1930	18.12	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1972	NA	NA
AMD Turion 64 Mobile MK-36	465	2507	NA	NA
AMD Turion 64 Mobile MK-38	513	2465	NA	NA
AMD Turion 64 Mobile ML-28	390	2599	NA	NA
AMD Turion 64 Mobile ML-30	402	2579	NA	NA
AMD Turion 64 Mobile ML-32	402	2580	NA	NA
AMD Turion 64 Mobile ML-34	425	2556	NA	NA
AMD Turion 64 Mobile ML-37	442	2534	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2459	NA	NA
AMD Turion 64 Mobile ML-42	615	2406	NA	NA
AMD Turion 64 Mobile ML-44	591	2417	NA	NA
AMD Turion 64 Mobile MT-28	419	2558	NA	NA
AMD Turion 64 Mobile MT-30	378	2606	NA	NA
AMD Turion 64 Mobile MT-32	426	2555	NA	NA
AMD Turion 64 Mobile MT-34	429	2551	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile MT-37	484	2491	NA	NA
AMD Turion 64 Mobile MT-40	536	2448	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2344	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2334	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2279	63.89	\$13.95*
AMD Turion 64 X2 Mobile TL-58	946	2246	NA	NA
AMD Turion 64 X2 Mobile TL-60	996	2208	62.48	\$15.95*
AMD Turion 64 X2 Mobile TL-62	1087	2154	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1092	2152	27.72	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2126	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2112	12.92	\$90.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion Dual-Core RM-70	912	2269	36.49	\$25.00*
AMD Turion Dual-Core RM-72	860	2288	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2195	NA	NA
AMD Turion Dual-Core RM-75	977	2219	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1293	2032	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2023	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	2010	NA	NA
AMD Turion II N530 Dual-Core	1583	1898	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1920	NA	NA
AMD Turion II Neo K625 Dual-Core	975	2221	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2096	NA	NA
AMD Turion II Neo N40L Dual-Core	925	2259	NA	NA
AMD Turion II Neo N54L Dual-Core	1364	1992	NA	NA
AMD Turion II P520 Dual-Core	1359	1997	NA	NA
AMD Turion II P540 Dual-Core	1430	1963	28.65	\$49.95*
AMD Turion II P560 Dual-Core	1514	1929	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	1973	78.96	\$17.81*
AMD Turion II Ultra Dual-Core Mobile M620	1435	1961	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1849	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1915	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2316	NA	NA
AMD Turion X2 Dual Core L510	923	2261	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2290	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2170	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	993	2213	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2157	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2169	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1137	2128	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2120	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1017	2194	16.42	\$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2158	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2084	63.72	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2069	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	2030	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1232	2073	30.86	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2206	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2186	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1952	NA	NA
AMD V105	299	2700	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD V120	623	2404	NA	NA
AMD V140	643	2394	12.89	\$49.95*
AMD V160	677	2378	NA	NA
AMD Z-01	523	2458	NA	NA
AMD Z-60 APU	500	2476	NA	NA
AMD-K6 3D	90	2876	NA	NA
AMD-K6-III	108	2873	NA	NA
AMD-K7	403	2577	NA	NA
Athlon 64 Dual Core 3800+	1234	2070	NA	NA
Athlon 64 Dual Core 4200+	1156	2116	5.64	\$204.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Athlon 64 Dual Core 4800+	1370	1989	NA	NA
Athlon 64 Dual Core 5000+	1507	1931	NA	NA
Athlon 64 Dual Core 5400+	1614	1883	NA	NA
Athlon 64 Dual Core 5600+	1548	1909	NA	NA
Athlon Dual Core 4050e	968	2226	NA	NA
Athlon Dual Core 4450e	1204	2086	NA	NA
Athlon Dual Core 4850e	1327	2014	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1365	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1085	2156	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1171	2106	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1201	2089	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	2048	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2085	NA	NA
HP Hexa-Core 2.0GHz	2178	1607	4.32	\$504.27*
Intel 2.80GHz	525	2456	NA	NA
Intel 1300 @ 1.66GHz	857	2292	NA	NA
Intel 1400 @ 1.83GHz	980	2218	NA	NA
Intel 1500 @ 2.00GHz	1024	2188	NA	NA
Intel Atom 230 @ 1.60GHz	307	2687	NA	NA
Intel Atom 330 @ 1.60GHz	587	2421	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2277	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2233	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1645	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1576	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1609	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	1084	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1202	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1257	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1496	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1468	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	873	14.62	\$332.00*
Intel Atom D410 @ 1.66GHz	301	2696	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2648	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2386	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2362	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2575	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2376	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2358	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2301	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2355	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom E660 @ 1.30GHz	271	2748	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2645	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2661	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2426	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2483	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2297	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2113	NA	NA
Intel Atom E3845 @ 1.91GHz	1501	1933	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1747	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom E3950 @ 1.60GHz	1872	1746	NA	NA
Intel Atom K510 @ 1.66GHz	658	2385	NA	NA
Intel Atom N270 @ 1.60GHz	269	2751	NA	NA
Intel Atom N280 @ 1.66GHz	283	2729	NA	NA
Intel Atom N435 @ 1.33GHz	261	2759	NA	NA
Intel Atom N450 @ 1.66GHz	295	2708	NA	NA
Intel Atom N455 @ 1.66GHz	283	2727	NA	NA
Intel Atom N470 @ 1.83GHz	318	2672	NA	NA
Intel Atom N475 @ 1.83GHz	314	2678	NA	NA
Intel Atom N550 @ 1.50GHz	524	2457	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	572	2431	6.66	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2692	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2454	NA	NA
Intel Atom N2800 @ 1.86GHz	624	2403	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2266	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1663	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2317	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1624	1880	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1193	2092	8.98	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1018	2193	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1269	2052	60.43	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1693	1837	27.07	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1847	1756	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1893	1734	25.72	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1889	1739	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2827	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2803	NA	NA
Intel Atom Z520 @ 1.33GHz	216	2806	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2735	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2642	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2603	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2783	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2434	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2267	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2256	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2274	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2275	NA	NA
Intel Atom Z3736F @ 1.33GHz	919	2265	NA	NA
Intel Atom Z3740 @ 1.33GHz	1061	2168	NA	NA
Intel Atom Z3740D @ 1.33GHz	1025	2187	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2163	35.98	\$30.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3745D @ 1.33GHz	1034	2182	NA	NA
Intel Atom Z3770 @ 1.46GHz	1245	2067	8.34	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2321	NA	NA
Intel Atom Z3775 @ 1.46GHz	1260	2055	36.00	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2046	NA	NA
Intel Atom Z3795 @ 1.60GHz	1772	1788	NA	NA
Intel Celeron 1.70GHz	130	2866	NA	NA
Intel Celeron 1.80GHz	136	2863	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.00GHz	182	2839	NA	NA
Intel Celeron 2.10GHz	244	2781	NA	NA
Intel Celeron 2.13GHz	208	2814	NA	NA
Intel Celeron 2.20GHz	213	2809	NA	NA
Intel Celeron 2.26GHz	223	2798	NA	NA
Intel Celeron 2.30GHz	227	2795	NA	NA
Intel Celeron 2.40GHz	217	2804	NA	NA
Intel Celeron 2.50GHz	247	2775	NA	NA
Intel Celeron 2.53GHz	245	2779	NA	NA
Intel Celeron 2.60GHz	238	2786	NA	NA
Intel Celeron 2.66GHz	250	2772	NA	NA
Intel Celeron 2.70GHz	245	2780	NA	NA
Intel Celeron 2.80GHz	254	2765	NA	NA
Intel Celeron 2.93GHz	283	2728	NA	NA
Intel Celeron 3.06GHz	284	2724	NA	NA
Intel Celeron 3.20GHz	288	2717	NA	NA
Intel Celeron 3.33GHz	333	2659	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2667	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2669	NA	NA
Intel Celeron 420 @ 1.60GHz	451	2524	11.29	\$39.99*
Intel Celeron 430 @ 1.80GHz	489	2482	9.11	\$53.75
Intel Celeron 440 @ 2.00GHz	548	2440	9.14	\$59.99*
Intel Celeron 450 @ 2.20GHz	625	2402	20.86	\$29.99*
Intel Celeron 530 @ 1.73GHz	470	2503	20.47	\$22.99*
Intel Celeron 540 @ 1.86GHz	521	2460	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2462	7.96	\$64.95*
Intel Celeron 560 @ 2.13GHz	535	2449	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2461	NA	NA
Intel Celeron 600MHz	147	2859	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2573	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2550	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2342	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2620	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2407	NA	NA
Intel Celeron 847 @ 1.10GHz	934	2252	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2191	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2124	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2104	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	2036	NA	NA
Intel Celeron 887 @ 1.50GHz	1280	2045	NA	NA
Intel Celeron 900 @ 2.20GHz	677	2379	23.38	\$28.99
Intel Celeron 925 @ 2.30GHz	688	2372	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1000M @ 1.80GHz	1677	1843	NA	NA
Intel Celeron 1000MHz	213	2808	NA	NA
Intel Celeron 1005M @ 1.90GHz	1811	1775	NA	NA
Intel Celeron 1007U @ 1.50GHz	1389	1978	7.51	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1521	1919	NA	NA
Intel Celeron 1019Y @ 1.00GHz	946	2247	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1589	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1037U @ 1.80GHz	1736	1806	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2095	NA	NA
Intel Celeron 1066MHz	259	2761	NA	NA
Intel Celeron 1100MHz	174	2845	NA	NA
Intel Celeron 1133MHz	282	2730	NA	NA
Intel Celeron 1200MHz	244	2782	NA	NA
Intel Celeron 1300MHz	288	2719	NA	NA
Intel Celeron 1333MHz	290	2713	NA	NA
Intel Celeron 1400MHz	302	2693	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1534	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1885	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1984	1687	NA	NA
Intel Celeron 2955U @ 1.40GHz	1422	1968	NA	NA
Intel Celeron 2957U @ 1.40GHz	1435	1962	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2138	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1548	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1895	NA	NA
Intel Celeron 2981U @ 1.60GHz	1522	1918	NA	NA
Intel Celeron 3205U @ 1.50GHz	1499	1936	5.22	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1641	1865	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1829	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1683	NA	NA
Intel Celeron 3855U @ 1.60GHz	1680	1842	NA	NA
Intel Celeron 3865U @ 1.80GHz	1898	1729	NA	NA
Intel Celeron 3867U @ 1.80GHz	1843	1760	17.23	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1913	1723	NA	NA
Intel Celeron 3965U @ 2.20GHz	2346	1537	21.93	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1629	1875	15.23	\$107.00*
Intel Celeron 4205U @ 1.80GHz	1953	1702	18.25	\$107.00*
Intel Celeron @ 1.30GHz	965	2227	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2833	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2314	NA	NA
Intel Celeron B800 @ 1.50GHz	1276	2047	NA	NA
Intel Celeron B810 @ 1.60GHz	1425	1965	NA	NA
Intel Celeron B815 @ 1.60GHz	1366	1990	NA	NA
Intel Celeron B820 @ 1.70GHz	1428	1964	36.35	\$39.29*
Intel Celeron B830 @ 1.80GHz	1515	1928	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1814	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2750	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2694	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2675	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2655	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2574	4.50	\$89.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron D 420 @ 1.60GHz	481	2495	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2422	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2291	7.80	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1046	2175	11.64	\$89.95
Intel Celeron E1500 @ 2.20GHz	1169	2108	59.51	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2057	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron E3200 @ 2.40GHz	1383	1981	26.62	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1386	1980	21.33	\$64.99
Intel Celeron E3400 @ 2.60GHz	1439	1959	2.36	\$610.00*
Intel Celeron E3500 @ 2.70GHz	1454	1951	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	694	2368	13.90	\$49.99*
Intel Celeron G460 @ 1.80GHz	1035	2181	67.26	\$15.39*
Intel Celeron G465 @ 1.90GHz	1064	2166	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2029	NA	NA
Intel Celeron G530 @ 2.40GHz	2132	1621	53.32	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1816	NA	NA
Intel Celeron G540 @ 2.50GHz	2195	1603	48.79	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1632	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1557	17.40	\$131.59
Intel Celeron G550T @ 2.20GHz	2063	1655	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1508	60.57	\$40.00*
Intel Celeron G1101 @ 2.27GHz	1667	1852	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2489	1487	8.30	\$299.95
Intel Celeron G1610T @ 2.30GHz	2286	1559	57.12	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2577	1451	16.78	\$153.59*
Intel Celeron G1620T @ 2.40GHz	2353	1536	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1485	35.63	\$69.99
Intel Celeron G1820 @ 2.70GHz	2755	1399	30.62	\$89.99
Intel Celeron G1820T @ 2.40GHz	2496	1484	59.44	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1622	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1465	26.80	\$94.95
Intel Celeron G1840 @ 2.80GHz	2859	1362	48.53	\$58.93
Intel Celeron G1840T @ 2.50GHz	2551	1462	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1342	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3142	1266	55.18	\$56.95
Intel Celeron G3900E @ 2.40GHz	2679	1419	NA	NA
Intel Celeron G3900T @ 2.60GHz	2925	1338	26.01	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1445	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1270	22.31	\$139.99
Intel Celeron G3930 @ 2.90GHz	3034	1299	59.30	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1391	41.96	\$65.93
Intel Celeron G3950 @ 3.00GHz	3049	1296	42.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3270	1218	77.87	\$42.00
Intel Celeron G4900T @ 2.90GHz	3096	1278	NA	NA
Intel Celeron G4920 @ 3.20GHz	3192	1243	47.66	\$66.99
Intel Celeron J1750 @ 2.41GHz	1037	2180	NA	NA
Intel Celeron J1800 @ 2.41GHz	1028	2185	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1881	NA	NA
Intel Celeron J1900 @ 1.99GHz	1839	1764	NA	NA
Intel Celeron J3060 @ 1.60GHz	974	2222	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J3160 @ 1.60GHz	1794	1781	NA	NA
Intel Celeron J3355 @ 2.00GHz	1194	2091	NA	NA
Intel Celeron J3455 @ 1.50GHz	2118	1631	5.72	\$369.99*
Intel Celeron J4005 @ 2.00GHz	1541	1912	10.97	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2633	1431	24.61	\$107.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 1.00GHz	207	2815	16.60	\$12.49
Intel Celeron M 1.30GHz	316	2674	NA	NA
Intel Celeron M 1.50GHz	343	2650	NA	NA
Intel Celeron M 1.60GHz	364	2629	NA	NA
Intel Celeron M 1.70GHz	393	2595	NA	NA
Intel Celeron M 360 1.40GHz	328	2663	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2676	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2652	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2622	NA	NA
Intel Celeron M 440 @ 1.86GHz	397	2586	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2767	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2526	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2548	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2511	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2444	NA	NA
Intel Celeron M 600MHz	151	2857	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2519	NA	NA
Intel Celeron M 900MHz	204	2817	NA	NA
Intel Celeron M 1200MHz	275	2745	NA	NA
Intel Celeron M 1300MHz	303	2690	NA	NA
Intel Celeron M 1500MHz	333	2660	NA	NA
Intel Celeron M ULV 800MHz	184	2837	NA	NA
Intel Celeron N2805 @ 1.46GHz	461	2516	NA	NA
Intel Celeron N2806 @ 1.60GHz	791	2326	NA	NA
Intel Celeron N2807 @ 1.58GHz	855	2294	NA	NA
Intel Celeron N2808 @ 1.58GHz	908	2273	NA	NA
Intel Celeron N2810 @ 2.00GHz	787	2327	5.62	\$139.99*
Intel Celeron N2815 @ 1.86GHz	852	2296	NA	NA
Intel Celeron N2820 @ 2.13GHz	926	2257	4.41	\$209.99
Intel Celeron N2830 @ 2.16GHz	955	2239	NA	NA
Intel Celeron N2840 @ 2.16GHz	1003	2200	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2088	NA	NA
Intel Celeron N2920 @ 1.86GHz	1500	1934	NA	NA
Intel Celeron N2930 @ 1.83GHz	1628	1877	NA	NA
Intel Celeron N2940 @ 1.83GHz	1730	1808	NA	NA
Intel Celeron N3000 @ 1.04GHz	909	2271	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2228	NA	NA
Intel Celeron N3050 @ 1.60GHz	877	2282	5.60	\$156.62
Intel Celeron N3060 @ 1.60GHz	989	2215	NA	NA
Intel Celeron N3150 @ 1.60GHz	1656	1858	NA	NA
Intel Celeron N3160 @ 1.60GHz	1664	1854	5.38	\$309.19
Intel Celeron N3350 @ 1.10GHz	1111	2137	NA	NA
Intel Celeron N3450 @ 1.10GHz	1842	1761	5.85	\$314.99*
Intel Celeron N4000 @ 1.10GHz	1440	1958	13.46	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2285	1561	21.36	\$107.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron P4500 @ 1.87GHz	1119	2130	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2211	NA	NA
Intel Celeron P4600 @ 2.00GHz	1344	2004	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2331	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron T1600 @ 1.66GHz	950	2242	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2171	35.29	\$29.99*
Intel Celeron U1900 @ 1.99GHz	1704	1828	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2353	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2373	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2319	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2173	6.57	\$159.95*
Intel Core2 Duo E4400 @ 2.00GHz	1156	2115	23.14	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1271	2049	17.84	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1383	1982	8.76	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	1943	54.88	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1109	2140	85.39	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2097	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1289	2037	43.07	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1361	1995	27.24	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	1954	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1499	1937	100.27	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1554	1908	103.67	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1836	56.47	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1714	1818	166.47	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1946	1704	38.95	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1629	1876	33.25	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1725	1811	43.26	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1771	1789	61.10	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1743	125.05	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1966	1696	16.40	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1580	1899	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1746	1799	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1884	1741	37.69	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1699	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1535	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1991	1682	99.61	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1757	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1626	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2149	1616	47.24	\$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2127	1627	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2282	1564	57.07	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2399	1518	56.53	\$42.45*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1597	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2336	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2374	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2310	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2298	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	958	2237	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2223	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2131	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo L9300 @ 1.60GHz	1074	2165	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1345	2003	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	2034	64.59	\$19.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P7370 @ 2.00GHz	1298	2028	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1417	1970	35.46	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2249	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1924	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1452	1953	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2190	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1454	1950	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1914	31.24	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1879	42.76	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1803	30.57	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1905	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1753	1796	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1745	1800	17.63	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1865	1750	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2015	1673	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2420	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2062	4.95	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1845	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	929	2254	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	832	2305	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	838	2304	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2315	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	932	2253	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2268	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2272	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2262	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1044	2177	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2184	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2212	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1093	2151	109.45	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1115	2134	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1199	2090	75.46	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1148	2122	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2083	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2075	81.80	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1286	2040	85.82	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1258	2056	32.69	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1361	1994	72.06	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1360	1996	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1018	2192	46.32	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	2109	11.69	\$99.95
Intel Core2 Duo T7250 @ 2.00GHz	1115	2132	5.54	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1193	2093	38.51	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1248	2065	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1270	2051	29.55	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1379	1986	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1423	1967	10.17	\$139.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T7800 @ 2.60GHz	1597	1893	2.63	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1296	2031	1.30	\$999.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T8300 @ 2.40GHz	1472	1945	13.52	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1673	1846	28.86	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1738	1804	24.86	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1798	1779	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1805	1777	6.04	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1713	21.42	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2020	1672	4.77	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2131	1623	5.34	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	874	2284	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2418	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2381	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2367	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2289	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1128	2129	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1838	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1121	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3634	1125	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1171	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1873	1745	7.11	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1778	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2012	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1840	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1896	1731	4.63	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2068	1653	2.43	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4156	1010	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	941	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	915	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	904	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2948	1327	73.76	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3282	1217	72.97	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2811	1377	122.29	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2980	1315	59.62	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3161	1258	13.18	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2524	1470	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1229	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3159	1260	15.84	\$199.50*
Intel Core2 Quad Q9400 @ 2.66GHz	3340	1205	69.58	\$48.01*
Intel Core2 Quad Q9450 @ 2.66GHz	3758	1097	105.27	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3525	1152	100.74	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3556	1143	18.72	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3963	1047	89.10	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4160	1009	37.84	\$109.95
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1051	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2633	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2683	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2560	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	464	2508	NA	NA
Intel Core 330 @ 1.60GHz	643	2393	NA	NA

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Intel Core 860 @ 2.80GHz	4555	927	26.96	\$169.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo L2300 @ 1.50GHz	719	2356	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2364	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2343	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2370	NA	NA
Intel Core Duo T2250 @ 1.73GHz	756	2340	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2351	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2335	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2322	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2309	NA	NA
Intel Core Duo T2500 @ 2.00GHz	867	2286	7.23	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2250	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2189	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2442	NA	NA
Intel Core Duo U2500 @ 1.20GHz	511	2468	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1710	NA	NA
Intel Core i3-330M @ 2.13GHz	1787	1784	11.17	\$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2164	NA	NA
Intel Core i3-350M @ 2.27GHz	1892	1735	17.37	\$108.95*
Intel Core i3-370M @ 2.40GHz	2014	1674	50.42	\$39.96*
Intel Core i3-380M @ 2.53GHz	2092	1641	9.97	\$209.95*
Intel Core i3-380UM @ 1.33GHz	1160	2114	NA	NA
Intel Core i3-390M @ 2.67GHz	2183	1606	56.06	\$38.95*
Intel Core i3-530 @ 2.93GHz	2566	1457	13.58	\$189.00*
Intel Core i3-540 @ 3.07GHz	2688	1417	23.68	\$113.55
Intel Core i3-550 @ 3.20GHz	2829	1368	16.10	\$175.74
Intel Core i3-560 @ 3.33GHz	2934	1332	16.31	\$179.95*
Intel Core i3-2100 @ 3.10GHz	3689	1116	67.09	\$54.99
Intel Core i3-2100T @ 2.50GHz	2962	1324	49.39	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1103	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3710	1108	32.27	\$114.99*
Intel Core i3-2120 @ 3.30GHz	3929	1056	56.14	\$69.99
Intel Core i3-2120T @ 2.60GHz	3164	1256	19.78	\$160.00*
Intel Core i3-2125 @ 3.30GHz	4005	1035	19.35	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4071	1023	13.41	\$303.59
Intel Core i3-2140 @ 3.50GHz	4325	977	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1364	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2432	1505	54.06	\$44.99
Intel Core i3-2312M @ 2.10GHz	2374	1528	NA	NA
Intel Core i3-2328M @ 2.20GHz	2545	1463	27.38	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1286	NA	NA
Intel Core i3-2330M @ 2.20GHz	2524	1469	50.55	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1524	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1813	NA	NA
Intel Core i3-2348M @ 2.30GHz	2620	1435	NA	NA
Intel Core i3-2350M @ 2.30GHz	2627	1433	18.77	\$139.95*
Intel Core i3-2357M @ 1.30GHz	1556	1907	NA	NA
Intel Core i3-2365M @ 1.40GHz	1676	1844	NA	NA
Intel Core i3-2367M @ 1.40GHz	1707	1825	NA	NA
Intel Core i3-2370M @ 2.40GHz	2777	1387	69.77	\$39.81*

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Intel Core i3-2375M @ 1.50GHz	1776	1787	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1770	NA	NA
Intel Core i3-3110M @ 2.40GHz	3082	1283	38.56	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3223	1234	29.30	\$110.00*
Intel Core i3-3130M @ 2.60GHz	3390	1188	NA	NA
Intel Core i3-3210 @ 3.20GHz	4040	1028	13.79	\$293.00
Intel Core i3-3217U @ 1.80GHz	2301	1554	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1613	NA	NA
Intel Core i3-3220 @ 3.30GHz	4244	992	53.73	\$79.00
Intel Core i3-3220T @ 2.80GHz	3693	1113	13.48	\$273.95
Intel Core i3-3225 @ 3.30GHz	4343	973	13.37	\$324.99
Intel Core i3-3227U @ 1.90GHz	2467	1494	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1831	NA	NA
Intel Core i3-3240 @ 3.40GHz	4316	980	86.32	\$50.00
Intel Core i3-3240T @ 2.90GHz	3655	1122	NA	NA
Intel Core i3-3245 @ 3.40GHz	4444	952	24.83	\$179.01
Intel Core i3-3250 @ 3.50GHz	4447	949	46.82	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1127	NA	NA
Intel Core i3-4000M @ 2.40GHz	3255	1223	16.28	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2444	1501	NA	NA
Intel Core i3-4010U @ 1.70GHz	2439	1502	8.44	\$289.00
Intel Core i3-4010Y @ 1.30GHz	1900	1728	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2164	1611	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2213	1596	NA	NA
Intel Core i3-4025U @ 1.90GHz	2787	1385	NA	NA
Intel Core i3-4030U @ 1.90GHz	2718	1409	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1480	NA	NA
Intel Core i3-4100M @ 2.50GHz	3426	1177	15.68	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	1062	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1351	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1295	NA	NA
Intel Core i3-4130 @ 3.40GHz	4803	882	53.37	\$90.00
Intel Core i3-4130T @ 2.90GHz	4144	1013	46.57	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4896	864	49.46	\$99.00
Intel Core i3-4150T @ 3.00GHz	4222	997	18.36	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1339	NA	NA
Intel Core i3-4160 @ 3.60GHz	5052	830	46.35	\$109.00
Intel Core i3-4160T @ 3.10GHz	4445	950	29.64	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5191	804	19.97	\$259.95
Intel Core i3-4170T @ 3.20GHz	4545	932	21.65	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5085	817	32.28	\$157.53
Intel Core i3-4330T @ 3.00GHz	4485	945	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1239	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	798	27.60	\$189.99
Intel Core i3-4350 @ 3.60GHz	4990	845	29.36	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	983	NA	NA
Intel Core i3-4360 @ 3.70GHz	5461	764	21.09	\$259.00
Intel Core i3-4360T @ 3.20GHz	4636	909	NA	NA
Intel Core i3-4370 @ 3.80GHz	5613	744	18.17	\$309.00*
CPU Name				

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Intel Core i3-4370T @ 3.30GHz	4870	866	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	856	NA	NA
Intel Core i3-5005U @ 2.00GHz	2906	1346	NA	NA
Intel Core i3-5010U @ 2.10GHz	3055	1292	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	3006	1309	NA	NA
Intel Core i3-5020U @ 2.20GHz	3197	1241	6.97	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3663	1120	NA	NA
Intel Core i3-6006U @ 2.00GHz	3082	1282	NA	NA
Intel Core i3-6098P @ 3.60GHz	5408	769	40.44	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5483	756	44.22	\$124.00
Intel Core i3-6100E @ 2.70GHz	3769	1090	NA	NA
Intel Core i3-6100H @ 2.70GHz	4222	996	NA	NA
Intel Core i3-6100T @ 3.20GHz	4850	874	35.94	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	4304	982	NA	NA
Intel Core i3-6100U @ 2.30GHz	3603	1130	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	1074	NA	NA
Intel Core i3-6300 @ 3.80GHz	5844	717	33.05	\$176.84
Intel Core i3-6300T @ 3.30GHz	5247	796	33.86	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6047	696	15.19	\$397.99
Intel Core i3-7020U @ 2.30GHz	3523	1155	12.54	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5785	721	38.99	\$148.41
Intel Core i3-7100H @ 3.00GHz	4627	913	20.57	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5054	829	35.23	\$143.49
Intel Core i3-7100U @ 2.40GHz	3767	1091	9.90	\$380.64*
Intel Core i3-7101TE @ 3.40GHz	5189	805	44.36	\$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1219	14.52	\$225.00*
Intel Core i3-7130U @ 2.70GHz	4058	1025	14.44	\$281.00*
Intel Core i3-7167U @ 2.80GHz	4757	889	NA	NA
Intel Core i3-7300 @ 4.00GHz	6356	665	36.99	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	777	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6417	657	35.12	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6620	639	40.89	\$161.89
Intel Core i3-8100 @ 3.60GHz	8030	500	53.95	\$148.87
Intel Core i3-8100B @ 3.60GHz	8473	454	63.71	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7382	565	53.11	\$139.00
Intel Core i3-8109U @ 3.00GHz	6183	679	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	884	NA	NA
Intel Core i3-8130U @ 2.20GHz	5046	832	17.96	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5438	765	19.35	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8693	442	49.36	\$176.12
Intel Core i3-8300T @ 3.20GHz	8032	499	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9218	387	49.83	\$184.99
Intel Core i3-9100 @ 3.60GHz	9158	392	70.46	\$129.99
Intel Core i3-9100F @ 3.60GHz	9067	403	86.36	\$104.99
Intel Core i3-9100T @ 3.10GHz	7689	530	63.03	\$122.00*
Intel Core i3-9350KF @ 4.00GHz	10458	284	46.86	\$223.20
Intel Core i3-21050 @ 3.10GHz	3862	1066	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1602	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1489	NA	NA
CPU Name				

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Intel Core i5-7Y54 @ 1.20GHz	3599	1131	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3810	1083	NA	NA
Intel Core i5-430M @ 2.27GHz	2095	1640	14.98	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	2008	NA	NA
Intel Core i5-450M @ 2.40GHz	2125	1628	66.53	\$31.95*
Intel Core i5-460M @ 2.53GHz	2323	1542	31.00	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	2161	NA	NA
Intel Core i5-480M @ 2.67GHz	2403	1515	29.82	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1583	NA	NA
Intel Core i5-520M @ 2.40GHz	2369	1530	33.85	\$69.99*
Intel Core i5-520UM @ 1.07GHz	1351	1999	NA	NA
Intel Core i5-540M @ 2.53GHz	2454	1497	12.92	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	1988	NA	NA
Intel Core i5-560M @ 2.67GHz	2578	1449	42.98	\$60.00*
Intel Core i5-560UM @ 1.33GHz	1664	1855	NA	NA
Intel Core i5-580M @ 2.67GHz	2595	1442	23.61	\$109.95*
Intel Core i5-650 @ 3.20GHz	3098	1277	36.45	\$84.99
Intel Core i5-655K @ 3.20GHz	3386	1189	56.45	\$59.99*
Intel Core i5-660 @ 3.33GHz	3255	1222	9.30	\$349.95*
Intel Core i5-661 @ 3.33GHz	3186	1245	31.86	\$99.99*
Intel Core i5-670 @ 3.47GHz	3313	1210	36.83	\$89.99*
Intel Core i5-680 @ 3.60GHz	3509	1158	38.99	\$89.99*
Intel Core i5-750 @ 2.67GHz	3691	1115	39.89	\$92.55*
Intel Core i5-760 @ 2.80GHz	3886	1061	43.19	\$89.99*
Intel Core i5-2300 @ 2.80GHz	5361	780	67.02	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5533	751	29.70	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5768	724	36.05	\$160.00*
Intel Core i5-2380P @ 3.10GHz	5749	726	31.94	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4227	994	42.32	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5968	700	86.50	\$69.00
Intel Core i5-2400S @ 2.50GHz	4985	847	14.66	\$339.95*
Intel Core i5-2405S @ 2.50GHz	5082	819	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3167	1254	40.57	\$78.07*
Intel Core i5-2415M @ 2.30GHz	3299	1213	NA	NA
Intel Core i5-2430M @ 2.40GHz	3286	1216	36.88	\$89.11*
Intel Core i5-2435M @ 2.40GHz	3227	1232	NA	NA
Intel Core i5-2450M @ 2.50GHz	3400	1182	38.64	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6132	686	68.14	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2321	1543	NA	NA
Intel Core i5-2500 @ 3.30GHz	6343	666	108.52	\$58.45
Intel Core i5-2500K @ 3.30GHz	6478	650	14.92	\$434.26*
Intel Core i5-2500S @ 2.70GHz	5367	778	71.57	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4639	907	NA	NA
Intel Core i5-2510E @ 2.50GHz	3483	1164	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1211	NA	NA
Intel Core i5-2520M @ 2.50GHz	3593	1133	21.19	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2081	1647	NA	NA
Intel Core i5-2540M @ 2.60GHz	3785	1087	65.24	\$58.02*
Intel Core i5-2550K @ 3.40GHz	6668	634	35.10	\$190.00*
CPU Name				

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2557M @ 1.70GHz	2693	1415	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1098	NA	NA
Intel Core i5-3210M @ 2.50GHz	3828	1076	51.72	\$74.02*
Intel Core i5-3230M @ 2.60GHz	3941	1055	17.38	\$226.77*
Intel Core i5-3317U @ 1.70GHz	3090	1279	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4128	1016	39.66	\$104.10*
Intel Core i5-3330 @ 3.00GHz	5945	703	30.55	\$194.61
Intel Core i5-3330S @ 2.70GHz	5683	732	59.83	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	720	NA	NA
Intel Core i5-3337U @ 1.80GHz	3229	1231	14.35	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1595	NA	NA
Intel Core i5-3340 @ 3.10GHz	6099	690	20.82	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4246	991	53.11	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	714	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6149	682	41.00	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4437	954	47.81	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4438	953	NA	NA
Intel Core i5-3427U @ 1.80GHz	3544	1147	8.44	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3640	1124	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1336	NA	NA
Intel Core i5-3450 @ 3.10GHz	6538	646	25.78	\$253.59*
Intel Core i5-3450S @ 2.80GHz	6223	673	41.77	\$149.00*
Intel Core i5-3470 @ 3.20GHz	6717	630	75.48	\$89.00
Intel Core i5-3470S @ 2.90GHz	6372	663	71.60	\$89.00
Intel Core i5-3470T @ 2.90GHz	4482	946	14.51	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6609	640	46.06	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6958	602	46.39	\$149.99*
Intel Core i5-3550S @ 3.00GHz	6910	610	20.95	\$329.95*
Intel Core i5-3570 @ 3.40GHz	7131	587	75.07	\$94.99
Intel Core i5-3570K @ 3.40GHz	7176	584	21.11	\$339.99
Intel Core i5-3570S @ 3.10GHz	6746	626	23.67	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5914	707	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3898	1060	NA	NA
Intel Core i5-4200H @ 2.80GHz	4445	951	NA	NA
Intel Core i5-4200M @ 2.50GHz	4035	1029	49.75	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3294	1215	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1514	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2265	1574	NA	NA
Intel Core i5-4210H @ 2.90GHz	4530	936	NA	NA
Intel Core i5-4210M @ 2.60GHz	4199	1001	13.55	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3405	1181	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2378	1526	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1550	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1350	NA	NA
Intel Core i5-4250U @ 1.30GHz	3452	1172	9.62	\$359.00
Intel Core i5-4258U @ 2.40GHz	4082	1022	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1140	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	968	NA	NA
Intel Core i5-4288U @ 2.60GHz	4301	984	NA	NA
CPU Name				

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	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4300M @ 2.60GHz	4427	957	NA	NA
Intel Core i5-4300U @ 1.90GHz	3743	1101	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2502	1482	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1319	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	998	NA	NA
Intel Core i5-4310M @ 2.70GHz	4642	906	NA	NA
Intel Core i5-4310U @ 2.00GHz	3759	1096	NA	NA
Intel Core i5-4330M @ 2.80GHz	4547	931	16.54	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4853	872	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1128	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	930	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1052	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1380	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6338	667	39.62	\$159.99
Intel Core i5-4430S @ 2.70GHz	5958	702	37.24	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6513	648	13.11	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6245	672	13.49	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6717	629	35.36	\$189.99
Intel Core i5-4460S @ 2.90GHz	6418	656	9.73	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4960	852	NA	NA
Intel Core i5-4570 @ 3.20GHz	7147	586	61.76	\$115.72
Intel Core i5-4570R @ 2.70GHz	6756	624	NA	NA
Intel Core i5-4570S @ 2.90GHz	6826	615	35.98	\$189.75
Intel Core i5-4570T @ 2.90GHz	4815	876	32.11	\$149.99*
Intel Core i5-4570TE @ 2.70GHz	3827	1077	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7332	571	59.62	\$122.99
Intel Core i5-4590S @ 3.00GHz	7066	594	47.42	\$149.00
Intel Core i5-4590T @ 2.00GHz	5618	740	26.76	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7459	552	31.84	\$234.27
Intel Core i5-4670K @ 3.40GHz	7633	538	22.20	\$343.81
Intel Core i5-4670K CPT @ 3.40GHz	7411	562	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	561	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7375	567	34.63	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6168	681	23.81	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7682	532	32.45	\$236.73
Intel Core i5-4690K @ 3.50GHz	7795	520	50.62	\$154.00
Intel Core i5-4690S @ 3.20GHz	7426	558	26.42	\$281.06*
Intel Core i5-4690T @ 2.50GHz	6544	645	NA	NA
Intel Core i5-5200U @ 2.20GHz	3488	1163	NA	NA
Intel Core i5-5250U @ 1.60GHz	3586	1135	8.12	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4410	960	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	898	NA	NA
Intel Core i5-5300U @ 2.30GHz	3827	1078	7.42	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3512	1157	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	550	NA	NA
Intel Core i5-5675C @ 3.10GHz	8191	481	26.43	\$309.95*
Intel Core i5-5675R @ 3.10GHz	8054	497	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4147	1011	NA	NA
Intel Core i5-6200U @ 2.30GHz	4021	1031	NA	NA
CPU Name				

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	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6260U @ 1.80GHz	4361	969	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4962	851	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	891	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6092	692	NA	NA
Intel Core i5-6300U @ 2.40GHz	4369	965	NA	NA
Intel Core i5-6360U @ 2.00GHz	4880	865	NA	NA
Intel Core i5-6400 @ 2.70GHz	6766	621	19.90	\$340.03*
Intel Core i5-6400T @ 2.20GHz	5614	743	21.60	\$259.95*
Intel Core i5-6402P @ 2.80GHz	7117	590	37.46	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	674	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6798	617	NA	NA
Intel Core i5-6500 @ 3.20GHz	7248	578	40.27	\$179.99
Intel Core i5-6500T @ 2.50GHz	6288	669	41.93	\$149.99
Intel Core i5-6500TE @ 2.30GHz	6579	642	31.33	\$209.99*
Intel Core i5-6600 @ 3.30GHz	7776	524	29.92	\$259.94*
Intel Core i5-6600K @ 3.50GHz	8064	495	30.65	\$263.11*
Intel Core i5-6600T @ 2.70GHz	7342	570	24.48	\$299.95
Intel Core i5-7200U @ 2.50GHz	4604	919	NA	NA
Intel Core i5-7260U @ 2.20GHz	5676	735	9.64	\$589.00
Intel Core i5-7267U @ 3.10GHz	4976	849	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	739	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6786	618	NA	NA
Intel Core i5-7300U @ 2.60GHz	5188	806	10.18	\$509.63
Intel Core i5-7360U @ 2.30GHz	5845	716	NA	NA
Intel Core i5-7400 @ 3.00GHz	7326	572	33.84	\$216.48
Intel Core i5-7400T @ 2.40GHz	6406	658	28.87	\$221.88
Intel Core i5-7440HQ @ 2.80GHz	7659	537	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	6262	671	25.05	\$250.00*
Intel Core i5-7500 @ 3.40GHz	8020	502	40.13	\$199.89
Intel Core i5-7500T @ 2.70GHz	7018	597	31.33	\$223.99
Intel Core i5-7600 @ 3.50GHz	8723	438	35.75	\$243.99
Intel Core i5-7600K @ 3.80GHz	9115	399	33.04	\$275.92
Intel Core i5-7600T @ 2.80GHz	8077	493	32.11	\$251.56
Intel Core i5-7640X @ 4.00GHz	9545	357	28.09	\$339.84
Intel Core i5-8200Y @ 1.30GHz	4206	1000	14.46	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4284	986	NA	NA
Intel Core i5-8250U @ 1.60GHz	7676	534	NA	NA
Intel Core i5-8259U @ 2.30GHz	11015	258	15.74	\$699.99
Intel Core i5-8265U @ 1.60GHz	8006	504	26.96	\$297.00*
Intel Core i5-8300H @ 2.30GHz	9495	360	37.98	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8947	421	NA	NA
Intel Core i5-8350U @ 1.70GHz	8232	476	27.72	\$297.00*
Intel Core i5-8365U @ 1.60GHz	8398	463	28.28	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11642	239	59.13	\$196.89
Intel Core i5-8400H @ 2.50GHz	10082	308	40.33	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9555	356	48.02	\$199.00
Intel Core i5-8500 @ 3.00GHz	11919	232	57.03	\$209.00
Intel Core i5-8500B @ 3.00GHz	12756	207	66.44	\$192.00*
Intel Core i5-8500T @ 2.10GHz	9986	319	46.72	\$213.73
CPU Name				

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Intel Core i5-8600 @ 3.10GHz	12632	213	45.57	\$277.21*
Intel Core i5-8600K @ 3.60GHz	12764	206	40.79	\$312.92*
Intel Core i5-8600T @ 2.30GHz	10830	268	30.93	\$350.12*
Intel Core i5-9300H @ 2.40GHz	9419	371	37.68	\$250.00*
Intel Core i5-9400 @ 2.90GHz	11764	236	60.33	\$194.99
Intel Core i5-9400F @ 2.90GHz	12140	227	80.94	\$149.99
Intel Core i5-9500 @ 3.00GHz	12673	212	62.74	\$202.00*
Intel Core i5-9500T @ 2.20GHz	11211	248	58.39	\$192.00*
Intel Core i5-9600K @ 3.70GHz	13515	191	54.94	\$245.99
Intel Core i5-9600KF @ 3.70GHz	13991	172	55.97	\$249.99
Intel Core i5-24050S @ 2.50GHz	4928	857	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3736	1102	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1694	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1464	NA	NA
Intel Core i7-620LM @ 2.00GHz	1949	1703	NA	NA
Intel Core i7-620M @ 2.67GHz	2722	1408	24.74	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	2016	NA	NA
Intel Core i7-640LM @ 2.13GHz	2249	1580	NA	NA
Intel Core i7-640M @ 2.80GHz	2828	1369	14.15	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1638	1869	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1801	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1821	NA	NA
Intel Core i7-720QM @ 1.60GHz	3010	1306	27.38	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3191	1244	19.96	\$159.95*
Intel Core i7-820QM @ 1.73GHz	3224	1233	13.44	\$239.95*
Intel Core i7-840QM @ 1.87GHz	3411	1180	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	4998	844	17.24	\$289.95
Intel Core i7-860S @ 2.53GHz	4711	895	23.56	\$199.99*
Intel Core i7-870 @ 2.93GHz	5324	787	60.51	\$87.99
Intel Core i7-870S @ 2.67GHz	4849	875	NA	NA
Intel Core i7-875K @ 2.93GHz	5405	770	13.52	\$399.99*
Intel Core i7-880 @ 3.07GHz	5505	755	9.44	\$583.00*
Intel Core i7-920 @ 2.67GHz	4915	860	126.03	\$39.00
Intel Core i7-920XM @ 2.00GHz	3727	1104	9.32	\$399.95
Intel Core i7-930 @ 2.80GHz	5135	812	42.19	\$121.71
Intel Core i7-940 @ 2.93GHz	5336	785	51.32	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3966	1045	NA	NA
Intel Core i7-950 @ 3.07GHz	5541	750	26.51	\$209.00*
Intel Core i7-960 @ 3.20GHz	5801	719	22.08	\$262.73
Intel Core i7-965 @ 3.20GHz	5854	712	41.82	\$139.99*
Intel Core i7-970 @ 3.20GHz	8351	469	16.71	\$499.95*
Intel Core i7-975 @ 3.33GHz	6121	687	14.76	\$414.90*
Intel Core i7-980 @ 3.33GHz	8643	447	43.22	\$199.98*
Intel Core i7-980X @ 3.33GHz	8743	436	9.61	\$909.99*
Intel Core i7-985 @ 3.47GHz	6641	637	NA	NA
Intel Core i7-990X @ 3.47GHz	9053	406	25.87	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	335	NA	NA
Intel Core i7-2600 @ 3.40GHz	8186	482	58.52	\$139.90
Intel Core i7-2600K @ 3.40GHz	8422	460	47.05	\$179.00
CPU Name				

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Intel Core i7-2600S @ 2.80GHz	7091	591	53.30	\$133.04*
Intel Core i7-2610UE @ 1.50GHz	2481	1492	NA	NA
Intel Core i7-2617M @ 1.50GHz	2824	1372	NA	NA
Intel Core i7-2620M @ 2.70GHz	3842	1071	22.63	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5525	753	24.03	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1448	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5468	762	NA	NA
Intel Core i7-2637M @ 1.70GHz	2910	1341	NA	NA
Intel Core i7-2640M @ 2.80GHz	3920	1059	26.00	\$150.78*
Intel Core i7-2655LE @ 2.20GHz	3196	1242	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5881	711	42.31	\$139.00
Intel Core i7-2675QM @ 2.20GHz	5531	752	NA	NA
Intel Core i7-2677M @ 1.80GHz	2826	1370	NA	NA
Intel Core i7-2700K @ 3.50GHz	8684	444	26.65	\$325.90
Intel Core i7-2710QE @ 2.10GHz	5768	723	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	779	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6115	689	19.79	\$309.00*
Intel Core i7-2760QM @ 2.40GHz	6563	643	31.26	\$209.95*
Intel Core i7-2820QM @ 2.30GHz	6642	636	34.77	\$191.02
Intel Core i7-2840QM @ 2.40GHz	6766	622	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6966	601	12.88	\$541.00*
Intel Core i7-2920XM @ 2.50GHz	7050	595	16.01	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	581	17.62	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3581	1137	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3350	1200	NA	NA
Intel Core i7-3520M @ 2.90GHz	4545	933	19.34	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3845	1070	NA	NA
Intel Core i7-3540M @ 3.00GHz	4660	902	10.84	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1044	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	644	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7460	551	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	631	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6817	616	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	553	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7380	566	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7581	542	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6933	608	29.12	\$238.05*
Intel Core i7-3635QM @ 2.40GHz	6669	633	NA	NA
Intel Core i7-3667U @ 2.00GHz	3996	1038	NA	NA
Intel Core i7-3687U @ 2.10GHz	4185	1004	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1236	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8119	491	22.37	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	8316	471	34.66	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9280	381	46.84	\$198.13
Intel Core i7-3770K @ 3.50GHz	9507	359	18.64	\$509.95
Intel Core i7-3770S @ 3.10GHz	8892	424	21.69	\$409.99
Intel Core i7-3770T @ 2.50GHz	8208	479	24.87	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8989	415	21.40	\$419.97
Intel Core i7-3820QM @ 2.70GHz	8409	461	29.51	\$285.00*
CPU Name				

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	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3840QM @ 2.80GHz	8771	434	30.25	\$289.95
Intel Core i7-3920XM @ 2.90GHz	9169	391	8.37	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11978	230	23.73	\$504.85*
Intel Core i7-3940XM @ 3.00GHz	9225	386	17.12	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12584	214	13.11	\$959.78*
Intel Core i7-3970X @ 3.50GHz	12675	211	30.92	\$409.94
Intel Core i7-4500U @ 1.80GHz	3790	1086	NA	NA
Intel Core i7-4510U @ 2.00GHz	3923	1058	NA	NA
Intel Core i7-4550U @ 1.50GHz	3699	1112	NA	NA
Intel Core i7-4558U @ 2.80GHz	4397	961	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	975	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	886	NA	NA
Intel Core i7-4600M @ 2.90GHz	4900	863	NA	NA
Intel Core i7-4600U @ 2.10GHz	4095	1020	NA	NA
Intel Core i7-4610M @ 3.00GHz	4906	862	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1100	NA	NA
Intel Core i7-4650U @ 1.70GHz	3960	1049	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	583	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7725	526	20.17	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7684	531	40.66	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7422	560	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7130	588	21.16	\$337.04*
Intel Core i7-4710HQ @ 2.50GHz	7721	528	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7980	507	29.39	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7523	546	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7210	582	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7996	506	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8067	494	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8194	480	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8735	437	NA	NA
Intel Core i7-4765T @ 2.00GHz	7307	574	18.27	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9778	339	40.90	\$239.07
Intel Core i7-4770HQ @ 2.20GHz	8948	420	NA	NA
Intel Core i7-4770K @ 3.50GHz	10075	311	25.19	\$399.99
Intel Core i7-4770R @ 3.20GHz	9822	332	NA	NA
Intel Core i7-4770S @ 3.10GHz	9348	375	37.39	\$249.99*
Intel Core i7-4770T @ 2.50GHz	8587	450	21.47	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	627	NA	NA
Intel Core i7-4771 @ 3.50GHz	9866	328	16.18	\$609.99
Intel Core i7-4785T @ 2.20GHz	7633	539	NA	NA
Intel Core i7-4790 @ 3.60GHz	9987	317	47.82	\$208.84
Intel Core i7-4790K @ 4.00GHz	11172	250	36.16	\$309.00
Intel Core i7-4790S @ 3.20GHz	9584	353	20.98	\$456.77
Intel Core i7-4790T @ 2.70GHz	9075	402	25.28	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8444	458	16.56	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8653	446	45.55	\$189.95*
Intel Core i7-4820K @ 3.70GHz	9713	347	44.15	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9051	407	20.86	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7847	514	NA	NA
CPU Name				

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Intel Core i7-4860HQ @ 2.40GHz	9271	383	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9355	374	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8973	417	15.29	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9332	377	20.29	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13009	201	25.98	\$500.73*
Intel Core i7-4930MX @ 3.00GHz	9476	364	8.65	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9921	323	13.97	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9828	331	15.78	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13796	180	17.92	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10278	293	NA	NA
Intel Core i7-5500U @ 2.40GHz	3976	1042	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1069	NA	NA
Intel Core i7-5557U @ 3.10GHz	4947	854	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4317	979	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	995	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	484	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	474	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8354	468	NA	NA
Intel Core i7-5775C @ 3.30GHz	10976	259	15.99	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10868	265	NA	NA
Intel Core i7-5820K @ 3.30GHz	12979	202	44.91	\$289.00
Intel Core i7-5850EQ @ 2.70GHz	9817	333	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	366	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13623	187	15.45	\$881.89*
Intel Core i7-5950HQ @ 2.90GHz	10850	266	NA	NA
Intel Core i7-5960X @ 3.00GHz	15942	124	16.61	\$959.99
Intel Core i7-6498DU @ 2.50GHz	4538	935	NA	NA
Intel Core i7-6500U @ 2.50GHz	4430	956	11.27	\$393.00*
Intel Core i7-6560U @ 2.20GHz	4811	877	NA	NA
Intel Core i7-6567U @ 3.30GHz	5615	741	NA	NA
Intel Core i7-6600U @ 2.60GHz	4803	881	NA	NA
Intel Core i7-6650U @ 2.20GHz	4969	850	NA	NA
Intel Core i7-6700 @ 3.40GHz	10004	315	37.06	\$269.99
Intel Core i7-6700HQ @ 2.60GHz	8133	488	21.52	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11108	251	34.82	\$319.03
Intel Core i7-6700T @ 2.80GHz	9018	412	30.06	\$300.00*
Intel Core i7-6700TE @ 2.40GHz	8674	445	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9728	344	9.71	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13570	189	30.71	\$441.83
Intel Core i7-6820EQ @ 2.80GHz	8563	451	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9119	397	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8766	435	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	653	NA	NA
Intel Core i7-6850K @ 3.60GHz	14371	160	24.03	\$598.00
Intel Core i7-6900K @ 3.20GHz	17651	86	21.99	\$802.83
Intel Core i7-6920HQ @ 2.90GHz	9564	355	16.84	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19940	54	14.15	\$1,408.99
Intel Core i7-7500U @ 2.70GHz	5153	810	NA	NA
Intel Core i7-7560U @ 2.40GHz	5846	715	NA	NA
CPU Name				

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Intel Core i7-7567U @ 3.50GHz	6492	649	NA	NA
Intel Core i7-7600U @ 2.80GHz	5093	816	NA	NA
Intel Core i7-7660U @ 2.50GHz	6008	699	NA	NA
Intel Core i7-7700 @ 3.60GHz	10727	270	32.82	\$326.89
Intel Core i7-7700HQ @ 2.80GHz	8801	432	NA	NA
Intel Core i7-7700K @ 4.20GHz	12033	229	33.99	\$354.00
Intel Core i7-7700T @ 2.90GHz	9280	382	25.43	\$365.00
Intel Core i7-7740X @ 4.30GHz	12293	221	32.96	\$373.00
Intel Core i7-7800X @ 3.50GHz	14629	154	37.51	\$389.99
Intel Core i7-7820HK @ 2.90GHz	9981	321	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9247	384	24.47	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18492	77	30.40	\$608.31
Intel Core i7-7900X @ 3.30GHz	20406	51	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9986	318	NA	NA
Intel Core i7-8086K @ 4.00GHz	16687	100	30.18	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	4030	1030	10.26	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8292	472	NA	NA
Intel Core i7-8559U @ 2.70GHz	12373	217	NA	NA
Intel Core i7-8565U @ 1.80GHz	8999	413	NA	NA
Intel Core i7-8650U @ 1.90GHz	8787	433	NA	NA
Intel Core i7-8665U @ 1.90GHz	9139	393	22.35	\$409.00*
Intel Core i7-8700 @ 3.20GHz	15157	141	50.53	\$299.99
Intel Core i7-8700B @ 3.20GHz	14633	153	48.30	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15961	123	45.60	\$349.99
Intel Core i7-8700T @ 2.40GHz	12707	209	37.93	\$334.99
Intel Core i7-8705G @ 3.10GHz	9902	326	7.03	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10494	282	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	338	NA	NA
Intel Core i7-8750H @ 2.20GHz	12457	216	31.54	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11036	255	NA	NA
Intel Core i7-8850H @ 2.60GHz	13064	200	33.07	\$395.00*
Intel Core i7-9700 @ 3.00GHz	15815	131	47.93	\$329.99
Intel Core i7-9700F @ 3.00GHz	16811	98	43.33	\$387.95
Intel Core i7-9700K @ 3.60GHz	17187	92	47.09	\$364.99
Intel Core i7-9700KF @ 3.60GHz	17143	94	45.12	\$379.99
Intel Core i7-9750H @ 2.60GHz	13734	182	NA	NA
Intel Core i7-9800X @ 3.80GHz	19879	56	30.92	\$642.84
Intel Core i7-9850H @ 2.60GHz	13866	176	35.10	\$395.00*
Intel Core i9-7900X @ 3.30GHz	21898	36	23.05	\$949.99
Intel Core i9-7920X @ 2.90GHz	23402	27	24.13	\$969.99
Intel Core i9-7940X @ 3.10GHz	25381	16	19.52	\$1,299.99
Intel Core i9-7960X @ 2.80GHz	25998	12	18.57	\$1,399.99*
Intel Core i9-7980XE @ 2.60GHz	27854	7	15.39	\$1,809.95
Intel Core i9-8950HK @ 2.90GHz	14305	162	24.54	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21674	40	26.54	\$816.80
Intel Core i9-9880H @ 2.30GHz	17191	91	30.92	\$556.00*
Intel Core i9-9900 @ 3.10GHz	18847	73	42.84	\$439.99
Intel Core i9-9900K @ 3.60GHz	20212	53	41.68	\$484.99
Intel Core i9-9900KF @ 3.60GHz	20720	49	44.09	\$469.99
CPU Name				

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	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-9900X @ 3.50GHz	22982	29	23.69	\$969.99
Intel Core i9-9920X @ 3.50GHz	25784	13	21.49	\$1,199.99
Intel Core i9-9940X @ 3.30GHz	27285	9	19.64	\$1,389.00
Intel Core i9-9960X @ 3.10GHz	28132	5	16.56	\$1,699.00
Intel Core i9-9980HK @ 2.40GHz	17252	89	29.59	\$583.00*
Intel Core i9-9980XE @ 3.00GHz	29609	2	14.80	\$1,999.99
Intel Core m3-6Y30 @ 0.90GHz	3051	1294	10.86	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3553	1144	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1207	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3562	1142	12.68	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3372	1194	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3244	1227	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3465	1169	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2702	1412	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1523	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2818	1374	10.03	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1366	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2483	1491	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3018	1301	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2975	1317	10.59	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2594	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2587	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2504	NA	NA
Intel Core Solo U1300 @ 1.06GHz	273	2747	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2741	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2662	NA	NA
Intel E3000 @ 3.40GHz	2767	1389	NA	NA
Intel Pentium 4 1.40GHz	164	2848	NA	NA
Intel Pentium 4 1.50GHz	131	2865	NA	NA
Intel Pentium 4 1.60GHz	129	2867	NA	NA
Intel Pentium 4 1.70GHz	132	2864	NA	NA
Intel Pentium 4 1.80GHz	161	2851	NA	NA
Intel Pentium 4 1.90GHz	159	2852	NA	NA
Intel Pentium 4 2.00GHz	189	2830	NA	NA
Intel Pentium 4 2.20GHz	209	2812	NA	NA
Intel Pentium 4 2.26GHz	221	2800	NA	NA
Intel Pentium 4 2.40GHz	228	2794	NA	NA
Intel Pentium 4 2.50GHz	245	2778	NA	NA
Intel Pentium 4 2.53GHz	248	2774	NA	NA
Intel Pentium 4 2.60GHz	288	2720	NA	NA
Intel Pentium 4 2.66GHz	254	2766	NA	NA
Intel Pentium 4 2.80GHz	322	2668	NA	NA
Intel Pentium 4 2.93GHz	299	2702	NA	NA
Intel Pentium 4 3.00GHz	353	2640	NA	NA
Intel Pentium 4 3.06GHz	346	2644	NA	NA
Intel Pentium 4 3.20GHz	373	2613	NA	NA
Intel Pentium 4 3.40GHz	395	2589	NA	NA
Intel Pentium 4 3.46GHz	454	2522	NA	NA
Intel Pentium 4 3.60GHz	487	2485	NA	NA
CPU Name				

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	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 3.73GHz	486	2486	NA	NA
Intel Pentium 4 3.80GHz	485	2488	NA	NA
Intel Pentium 4 3.83GHz	195	2825	NA	NA
Intel Pentium 4 4.00GHz	184	2835	NA	NA
Intel Pentium 4 1300MHz	119	2871	NA	NA
Intel Pentium 4 1400MHz	127	2868	NA	NA
Intel Pentium 4 1500MHz	125	2869	NA	NA
Intel Pentium 4 1600MHz	193	2829	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2855	NA	NA
Intel Pentium 4 1800MHz	162	2850	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2858	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2824	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2841	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2813	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2844	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2811	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2820	NA	NA
Intel Pentium 5 2.66GHz	705	2363	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2149	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1156	2117	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2121	NA	NA
Intel Pentium 987 @ 1.50GHz	1230	2074	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	1976	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1400	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1302	NA	NA
Intel Pentium 2020M @ 2.40GHz	2273	1571	16.97	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2411	1512	18.00	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1654	1860	12.35	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1820	1774	13.58	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1062	2167	7.93	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2275	1566	NA	NA
Intel Pentium 3556U @ 1.70GHz	1696	1833	NA	NA
Intel Pentium 3558U @ 1.70GHz	1681	1841	NA	NA
Intel Pentium 3560M @ 2.40GHz	2270	1573	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2053	NA	NA
Intel Pentium 3805U @ 1.90GHz	1982	1688	NA	NA
Intel Pentium 3825U @ 1.90GHz	2519	1475	NA	NA
Intel Pentium 4405U @ 2.10GHz	2931	1334	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1657	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2047	1661	12.72	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3152	1264	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2229	1590	13.85	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3359	1198	20.87	\$161.00*
Intel Pentium 5405U @ 2.30GHz	3177	1248	19.74	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1886	NA	NA
Intel Pentium B940 @ 2.00GHz	1727	1810	57.69	\$29.94*
Intel Pentium B950 @ 2.10GHz	1719	1812	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1754	37.82	\$48.99*
Intel Pentium B970 @ 2.30GHz	1953	1701	38.32	\$50.99*
CPU Name				

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Intel Pentium B980 @ 2.40GHz	2025	1669	28.96	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1082	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	529	2452	NA	NA
Intel Pentium D 830 @ 3.00GHz	641	2396	NA	NA
Intel Pentium D 915 @ 2.80GHz	583	2423	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2359	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2347	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2318	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2285	5.51	\$157.95*
Intel Pentium E2160 @ 1.80GHz	997	2207	8.49	\$117.50
Intel Pentium E2180 @ 2.00GHz	1088	2153	36.29	\$29.99
Intel Pentium E2200 @ 2.20GHz	1203	2087	16.05	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2102	NA	NA
Intel Pentium E2220 @ 2.40GHz	1329	2013	8.42	\$157.95*
Intel Pentium E5200 @ 2.50GHz	1486	1940	16.53	\$89.95*
Intel Pentium E5300 @ 2.60GHz	1537	1913	66.90	\$22.99*
Intel Pentium E5400 @ 2.70GHz	1599	1890	80.01	\$19.99*
Intel Pentium E5500 @ 2.80GHz	1637	1870	82.07	\$19.95*
Intel Pentium E5700 @ 3.00GHz	1735	1807	115.76	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1891	1736	63.08	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1705	1827	165.54	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1764	1790	11.17	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1861	1751	18.61	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1933	1711	113.82	\$16.99*
Intel Pentium E6800 @ 3.33GHz	1988	1685	22.34	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2270	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2232	NA	NA
Intel Pentium G620 @ 2.60GHz	2293	1555	91.76	\$24.99*
Intel Pentium G620T @ 2.20GHz	2033	1666	25.42	\$79.99*
Intel Pentium G630 @ 2.70GHz	2370	1529	13.27	\$178.59
Intel Pentium G630T @ 2.30GHz	2089	1642	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2522	1473	14.12	\$178.59
Intel Pentium G640T @ 2.40GHz	1979	1689	NA	NA
Intel Pentium G645 @ 2.90GHz	2590	1446	16.19	\$160.00*
Intel Pentium G645T @ 2.50GHz	2293	1556	NA	NA
Intel Pentium G840 @ 2.80GHz	2561	1458	73.21	\$34.99*
Intel Pentium G850 @ 2.90GHz	2667	1422	22.46	\$118.77
Intel Pentium G860 @ 3.00GHz	2740	1402	91.38	\$29.99*
Intel Pentium G870 @ 3.10GHz	2814	1376	29.01	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2594	1444	74.36	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2756	1397	45.98	\$59.95
Intel Pentium G2020T @ 2.50GHz	2418	1509	50.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2869	1359	71.76	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2487	1488	38.86	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1393	NA	NA
Intel Pentium G2120 @ 3.10GHz	3080	1284	19.31	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3204	1238	64.11	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3384	1190	41.28	\$82.00
Intel Pentium G3220 @ 3.00GHz	3126	1268	27.51	\$113.66
CPU Name				

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	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3220T @ 2.60GHz	2577	1450	36.83	\$69.99*
Intel Pentium G3240 @ 3.10GHz	3157	1262	28.83	\$109.55*
Intel Pentium G3240T @ 2.70GHz	2840	1363	NA	NA
Intel Pentium G3250 @ 3.20GHz	3242	1228	29.48	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2971	1320	33.02	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3871	1064	20.56	\$188.28
Intel Pentium G3260 @ 3.30GHz	3359	1197	24.00	\$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1335	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1520	NA	NA
Intel Pentium G3420 @ 3.20GHz	3397	1184	27.49	\$123.60
Intel Pentium G3420T @ 2.70GHz	3008	1307	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1186	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3314	1208	20.72	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1276	NA	NA
Intel Pentium G3450 @ 3.40GHz	3700	1110	37.01	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1322	NA	NA
Intel Pentium G3460 @ 3.50GHz	3582	1136	12.43	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3704	1109	35.53	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3541	1148	34.42	\$102.88
Intel Pentium G4400T @ 2.90GHz	3176	1250	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1357	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3799	1085	40.80	\$93.14
Intel Pentium G4500T @ 3.00GHz	3471	1166	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1005	40.24	\$103.99*
Intel Pentium G4560 @ 3.50GHz	4863	870	52.50	\$92.64
Intel Pentium G4560T @ 2.90GHz	3990	1040	36.28	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5076	822	21.16	\$239.95
Intel Pentium G4600T @ 3.00GHz	4266	988	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5210	799	45.84	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1859	1752	46.49	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1620	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2059	1658	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5199	802	69.33	\$74.99
Intel Pentium Gold G5400T @ 3.10GHz	5048	831	78.89	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5195	803	41.56	\$125.02
Intel Pentium Gold G5500T @ 3.20GHz	4346	972	57.95	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5660	737	52.05	\$108.75*
Intel Pentium III 933S @ 933MHz	238	2787	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2725	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2740	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2685	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2705	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2701	NA	NA
Intel Pentium III Mobile 750MHz	103	2874	NA	NA
Intel Pentium III Mobile 800MHz	182	2838	NA	NA
Intel Pentium III Mobile 866MHz	152	2856	NA	NA
Intel Pentium III Mobile 933MHz	218	2802	7.55	\$28.99*
Intel Pentium III Mobile 1000MHz	245	2777	NA	NA
Intel Pentium III Mobile 1066MHz	246	2776	NA	NA
CPU Name				

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III Mobile 1133MHz	251	2770	NA	NA
Intel Pentium III Mobile 1200MHz	240	2784	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1765	NA	NA
Intel Pentium J2900 @ 2.41GHz	1956	1698	NA	NA
Intel Pentium J3710 @ 1.60GHz	1918	1719	NA	NA
Intel Pentium J4205 @ 1.50GHz	2257	1577	NA	NA
Intel Pentium M 1.10GHz	282	2731	NA	NA
Intel Pentium M 1.20GHz	298	2703	NA	NA
Intel Pentium M 1.30GHz	301	2695	NA	NA
Intel Pentium M 1.40GHz	345	2647	NA	NA
Intel Pentium M 1.50GHz	367	2623	NA	NA
Intel Pentium M 1.60GHz	364	2627	NA	NA
Intel Pentium M 1.70GHz	406	2571	NA	NA
Intel Pentium M 1.73GHz	413	2561	NA	NA
Intel Pentium M 1.80GHz	411	2564	NA	NA
Intel Pentium M 1.86GHz	439	2539	NA	NA
Intel Pentium M 2.00GHz	461	2514	NA	NA
Intel Pentium M 2.10GHz	448	2527	NA	NA
Intel Pentium M 2.13GHz	505	2474	NA	NA
Intel Pentium M 2.26GHz	509	2470	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2493	NA	NA
Intel Pentium M 900MHz	217	2805	NA	NA
Intel Pentium M 1000MHz	233	2790	NA	NA
Intel Pentium M 1100MHz	259	2762	NA	NA
Intel Pentium M 1200MHz	237	2788	NA	NA
Intel Pentium M 1300MHz	303	2689	NA	NA
Intel Pentium M 1400MHz	320	2670	NA	NA
Intel Pentium M 1500MHz	354	2637	NA	NA
Intel Pentium M 1600MHz	335	2658	NA	NA
Intel Pentium M 1700MHz	376	2609	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1922	NA	NA
Intel Pentium N3520 @ 2.16GHz	1789	1783	NA	NA
Intel Pentium N3530 @ 2.16GHz	1894	1732	NA	NA
Intel Pentium N3540 @ 2.16GHz	1925	1714	7.67	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1831	1768	4.12	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1865	1749	NA	NA
Intel Pentium N4200 @ 1.10GHz	2030	1667	9.27	\$219.02
Intel Pentium P6000 @ 1.87GHz	1243	2068	NA	NA
Intel Pentium P6100 @ 2.00GHz	1325	2015	46.62	\$28.44
Intel Pentium P6200 @ 2.13GHz	1349	2002	30.03	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1985	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2907	1344	13.22	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2433	1503	15.12	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2572	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2295	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2300	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2383	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2365	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2360	NA	NA
CPU Name				

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	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2310 @ 1.46GHz	735	2349	NA	NA
Intel Pentium T2330 @ 1.60GHz	830	2306	NA	NA
Intel Pentium T2370 @ 1.73GHz	846	2299	24.19	\$35.00*
Intel Pentium T2390 @ 1.86GHz	946	2248	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2220	NA	NA
Intel Pentium T3200 @ 2.00GHz	1033	2183	86.14	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1113	2135	12.38	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1151	2119	95.94	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1232	2072	NA	NA
Intel Pentium T4400 @ 2.20GHz	1283	2043	NA	NA
Intel Pentium T4500 @ 2.30GHz	1334	2011	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2313	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2241	NA	NA
Intel T1200 @ 1.50GHz	435	2545	NA	NA
Intel T1400 @ 1.73GHz	929	2255	NA	NA
Intel T1500 @ 1.86GHz	953	2240	NA	NA
Intel T2050 @ 2.00GHz	959	2235	NA	NA
Intel Xeon 2.00GHz	233	2789	NA	NA
Intel XEON 2.20GHz	252	2768	NA	NA
Intel Xeon 2.40GHz	276	2743	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2544	NA	NA
Intel Xeon 2.80GHz	400	2584	NA	NA
Intel Xeon 3.00GHz	391	2597	NA	NA
Intel Xeon 3.06GHz	491	2480	NA	NA
Intel Xeon 3.20GHz	461	2515	NA	NA
Intel Xeon 3.40GHz	478	2497	NA	NA
Intel Xeon 3.60GHz	509	2469	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2179	NA	NA
Intel Xeon 3.80GHz	604	2412	0.71	\$851.00*
Intel Xeon 1500MHz	193	2828	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	2042	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2026	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1923	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1921	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1785	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1763	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1903	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2162	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	2066	0.77	\$1,619.99
Intel Xeon 5130 @ 2.00GHz	1366	1991	43.44	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1891	NA	NA
Intel Xeon 5140 @ 2.33GHz	1644	1862	35.00	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1897	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1752	1797	12.52	\$139.95*
Intel Xeon 5160 @ 3.00GHz	1963	1697	52.37	\$37.49*
Intel Xeon @ 2.00GHz	11327	245	NA	NA
Intel Xeon @ 2.20GHz	1902	1727	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5664	736	23.80	\$237.99
Intel Xeon Bronze 3106 @ 1.70GHz	6890	612	20.88	\$329.99
CPU Name				

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	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1518 @ 2.20GHz	5322	788	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	725	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	599	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	478	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	343	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	525	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	277	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11064	253	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	273	19.24	\$555.00*
Intel Xeon D-1559 @ 1.50GHz	8055	496	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	158	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	169	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	487	38.22	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	204	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	178	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18627	74	10.56	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6089	693	110.74	\$54.99
Intel Xeon E3-1220 V2 @ 3.10GHz	6706	632	91.88	\$72.99
Intel Xeon E3-1220 v3 @ 3.10GHz	7163	585	33.32	\$214.99
Intel Xeon E3-1220 v5 @ 3.00GHz	7787	523	29.23	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7790	522	39.15	\$199.00
Intel Xeon E3-1220L @ 2.20GHz	3563	1141	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	958	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1636	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5889	709	81.81	\$71.99
Intel Xeon E3-1225 V2 @ 3.20GHz	6936	606	79.74	\$86.99
Intel Xeon E3-1225 v3 @ 3.20GHz	7243	579	24.98	\$289.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7820	517	29.18	\$268.04
Intel Xeon E3-1225 v6 @ 3.30GHz	8156	485	34.71	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7559	544	12.70	\$595.00*
Intel Xeon E3-1230 @ 3.20GHz	7834	515	57.61	\$135.99
Intel Xeon E3-1230 V2 @ 3.30GHz	8855	428	152.67	\$58.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9324	378	29.05	\$320.99
Intel Xeon E3-1230 v5 @ 3.40GHz	9786	337	34.95	\$279.99
Intel Xeon E3-1230 v6 @ 3.50GHz	9847	330	36.47	\$269.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	580	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9624	352	18.87	\$509.95
Intel Xeon E3-1235 @ 3.20GHz	7680	533	13.65	\$562.59
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	651	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7962	508	61.25	\$129.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9138	394	56.42	\$161.99
Intel Xeon E3-1240 v3 @ 3.40GHz	9665	349	25.14	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10371	289	30.36	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10458	285	36.30	\$288.14
Intel Xeon E3-1240L v3 @ 2.00GHz	7513	547	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	521	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10018	313	27.08	\$369.99
Intel Xeon E3-1245 @ 3.30GHz	7997	505	76.17	\$104.99
Intel Xeon E3-1245 V2 @ 3.40GHz	9119	396	51.53	\$176.99
CPU Name				

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Intel Xeon E3-1245 v3 @ 3.40GHz	9570	354	30.97	\$309.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10181	299	29.48	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10543	278	34.01	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9856	329	24.10	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6534	647	76.32	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	295	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	6038	697	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7428	557	24.36	\$305.00*
Intel Xeon E3-1265L v3 @ 2.50GHz	9216	388	12.98	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	404	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	513	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	440	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	475	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9462	365	33.53	\$282.22
Intel Xeon E3-1270 v3 @ 3.50GHz	9916	324	26.80	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10309	291	20.91	\$492.99
Intel Xeon E3-1270 v6 @ 3.80GHz	11184	249	33.03	\$338.61
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	272	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10091	307	11.36	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8215	477	27.03	\$304.00*
Intel Xeon E3-1275 V2 @ 3.50GHz	9447	369	23.93	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	9915	325	24.73	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10366	290	18.75	\$553.00*
Intel Xeon E3-1275 v6 @ 3.80GHz	11016	257	30.28	\$363.87
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	423	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10204	297	9.51	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8465	455	23.01	\$368.00*
Intel Xeon E3-1280 V2 @ 3.60GHz	9447	367	11.00	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9769	340	14.01	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	274	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11463	242	25.64	\$447.12
Intel Xeon E3-1281 v3 @ 3.70GHz	10276	294	11.71	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	283	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	280	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	231	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	320	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	260	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	327	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	361	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	439	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	348	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	662	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8934	422	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9720	346	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10093	306	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9341	376	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10576	276	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10443	286	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10625	275	NA	NA
CPU Name				

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Intel Xeon E3-1585 v5 @ 3.50GHz	10797	269	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	301	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	573	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	556	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5576	746	21.24	\$262.59*
Intel Xeon E5-1603 v3 @ 2.80GHz	6186	677	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6424	654	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5886	710	210.60	\$27.95
Intel Xeon E5-1607 v2 @ 3.00GHz	6211	676	177.74	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	6968	600	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7256	577	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9032	409	27.38	\$329.93*
Intel Xeon E5-1620 v2 @ 3.70GHz	9487	362	97.82	\$96.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9758	341	61.00	\$159.99
Intel Xeon E5-1620 v4 @ 3.50GHz	9925	322	31.31	\$316.99
Intel Xeon E5-1630 v3 @ 3.70GHz	10214	296	17.09	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10296	292	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11720	237	23.68	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12718	208	106.03	\$119.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13620	188	72.06	\$189.00
Intel Xeon E5-1650 v4 @ 3.60GHz	14219	165	22.43	\$633.99
Intel Xeon E5-1660 @ 3.30GHz	12361	218	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13800	179	7.63	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14613	155	9.04	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16172	117	13.15	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16222	114	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16389	108	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	95	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	80	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1154	23.65	\$149.00
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1178	94.99	\$35.99
Intel Xeon E5-2407 @ 2.20GHz	4188	1002	12.50	\$335.00*
Intel Xeon E5-2407 v2 @ 2.40GHz	4498	942	9.44	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	801	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	596	18.06	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8694	441	51.53	\$168.74*
Intel Xeon E5-2430 @ 2.20GHz	6878	613	67.35	\$102.12*
Intel Xeon E5-2430 v2 @ 2.50GHz	8991	414	89.91	\$100.00*
Intel Xeon E5-2430L @ 2.00GHz	7269	576	225.19	\$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	638	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	390	70.61	\$130.00*
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	380	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	418	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10108	305	27.39	\$369.00
Intel Xeon E5-2450L @ 1.80GHz	8261	473	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	10061	312	110.05	\$91.43
Intel Xeon E5-2470 v2 @ 2.40GHz	11268	247	66.67	\$169.03
Intel Xeon E5-2603 @ 1.80GHz	3580	1138	143.58	\$24.94
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1092	94.18	\$39.99
CPU Name				

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	809	12.02	\$430.99*
Intel Xeon E5-2603 v4 @ 1.70GHz	5431	766	23.62	\$229.99
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	511	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4616	914	104.94	\$43.99
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	811	36.89	\$139.60
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	708	14.79	\$399.00*
Intel Xeon E5-2609 v4 @ 1.70GHz	6905	611	21.58	\$319.99
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	226	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	156	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7900	509	494.69	\$15.97
Intel Xeon E5-2620 v2 @ 2.10GHz	8687	443	280.44	\$30.98
Intel Xeon E5-2620 v3 @ 2.40GHz	10011	314	62.97	\$159.00
Intel Xeon E5-2620 v4 @ 2.10GHz	11354	244	31.54	\$359.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	416	33.29	\$269.99
Intel Xeon E5-2623 v4 @ 2.60GHz	8444	457	15.38	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	372	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	220	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	199	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	256	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8860	427	92.30	\$95.99
Intel Xeon E5-2630 v2 @ 2.60GHz	10382	287	230.76	\$44.99
Intel Xeon E5-2630 v3 @ 2.40GHz	12794	205	42.64	\$300.03
Intel Xeon E5-2630 v4 @ 2.20GHz	13908	173	21.07	\$659.99
Intel Xeon E5-2630L @ 2.00GHz	7865	510	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	401	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	345	28.62	\$339.95*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	203	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9447	368	52.41	\$180.24*
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	303	7.81	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10497	281	9.81	\$1,069.92
Intel Xeon E5-2640 @ 2.50GHz	9356	373	98.50	\$94.99
Intel Xeon E5-2640 v2 @ 2.00GHz	10143	300	64.81	\$156.51
Intel Xeon E5-2640 v3 @ 2.60GHz	13885	174	47.67	\$291.29*
Intel Xeon E5-2640 v4 @ 2.40GHz	15380	138	15.58	\$986.99
Intel Xeon E5-2643 @ 3.30GHz	8401	462	47.57	\$176.61
Intel Xeon E5-2643 v2 @ 3.50GHz	13107	198	119.16	\$110.00
Intel Xeon E5-2643 v3 @ 3.40GHz	13844	177	21.91	\$631.98
Intel Xeon E5-2643 v4 @ 3.40GHz	13655	183	8.22	\$1,660.61*
Intel Xeon E5-2648L @ 1.80GHz	7426	559	NA	NA
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	243	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	184	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	151	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10110	304	96.88	\$104.37*
Intel Xeon E5-2650 v2 @ 2.60GHz	13228	195	176.43	\$74.98
Intel Xeon E5-2650 v3 @ 2.30GHz	14844	149	34.13	\$435.00
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	129	13.22	\$1,199.99
Intel Xeon E5-2650L @ 1.80GHz	8332	470	105.47	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9732	342	129.77	\$75.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	192	11.37	\$1,188.14*
CPU Name				

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Intel Xeon E5-2650L v4 @ 1.70GHz	14093	168	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	246	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	363	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	175	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	113	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	99	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11060	254	159.17	\$69.49
Intel Xeon E5-2660 v2 @ 2.20GHz	13186	197	100.68	\$130.97
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	115	21.05	\$768.99
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	97	11.25	\$1,499.99*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	171	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11525	240	102.92	\$111.99
Intel Xeon E5-2667 @ 2.90GHz	10372	288	197.57	\$52.50*
Intel Xeon E5-2667 v2 @ 3.30GHz	16177	116	52.19	\$309.99
Intel Xeon E5-2667 v3 @ 3.20GHz	16134	118	18.86	\$855.30*
Intel Xeon E5-2667 v4 @ 3.20GHz	16684	101	8.56	\$1,949.03
Intel Xeon E5-2670 @ 2.60GHz	12114	228	80.23	\$151.00
Intel Xeon E5-2670 v2 @ 2.50GHz	14988	145	78.36	\$191.27
Intel Xeon E5-2670 v3 @ 2.30GHz	16494	104	54.98	\$300.00
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	111	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16383	109	23.41	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	43	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15073	142	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	85	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17290	88	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	17	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12558	215	169.11	\$74.26
Intel Xeon E5-2680 v2 @ 2.80GHz	15895	128	65.99	\$240.86
Intel Xeon E5-2680 v3 @ 2.50GHz	18561	76	53.04	\$349.99
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	55	13.18	\$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	50	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17369	87	34.06	\$509.99
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	71	8.62	\$2,208.93*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	144	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	68	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	58	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14347	161	65.82	\$217.99
Intel Xeon E5-2687W v2 @ 3.40GHz	16477	105	40.29	\$409.00
Intel Xeon E5-2687W v3 @ 3.10GHz	17752	84	30.09	\$589.99
Intel Xeon E5-2687W v4 @ 3.00GHz	19855	57	9.13	\$2,174.99
Intel Xeon E5-2689 @ 2.60GHz	13484	194	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	59	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13527	190	140.89	\$96.02
Intel Xeon E5-2690 v2 @ 3.00GHz	16433	106	27.90	\$588.99
Intel Xeon E5-2690 v3 @ 2.60GHz	19214	70	49.49	\$388.28
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	45	9.83	\$2,169.99
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	121	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15993	122	61.52	\$259.99
Intel Xeon E5-2695 v3 @ 2.30GHz	19673	61	19.48	\$1,009.99
CPU Name				

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	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	52	7.70	\$2,629.42*
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	103	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	30	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	46	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17224	90	37.53	\$459.00
Intel Xeon E5-2697 v3 @ 2.60GHz	21430	44	42.02	\$509.99
Intel Xeon E5-2697 v4 @ 2.30GHz	21506	42	7.75	\$2,775.99
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	31	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	48	6.15	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	37	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	32	8.92	\$2,509.00*
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	26	3.94	\$5,954.79*
Intel Xeon E5-4603 @ 2.00GHz	5014	843	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	385	NA	NA
Intel Xeon E5-4617 @ 2.90GHz	9029	410	100.44	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	489	60.56	\$134.21*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	157	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	134	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	279	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	210	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	252	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11860	233	124.21	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	234	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	222	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	126	11.36	\$1,399.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	130	3.30	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	186	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1272	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2157	1614	93.86	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1506	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1585	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1974	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1507	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1575	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1558	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1478	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2907	1343	72.72	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2831	1367	47.99	\$59.00*
Intel Xeon E5410 @ 2.33GHz	3261	1220	15.61	\$208.95*
Intel Xeon E5420 @ 2.50GHz	3492	1161	13.43	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3762	1094	54.53	\$69.00*
Intel Xeon E5440 @ 2.83GHz	3963	1048	209.16	\$18.95*
Intel Xeon E5450 @ 3.00GHz	4187	1003	14.01	\$298.94*
Intel Xeon E5462 @ 2.80GHz	3871	1063	141.82	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4088	1021	136.11	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	1987	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1381	1983	4.81	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2686	1418	38.41	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2975	1318	47.22	\$63.01*
CPU Name				

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	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5507 @ 2.27GHz	3125	1269	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4435	955	109.95	\$40.34
Intel Xeon E5530 @ 2.40GHz	4564	926	18.55	\$246.00*
Intel Xeon E5540 @ 2.53GHz	4807	878	81.49	\$59.00*
Intel Xeon E5603 @ 1.60GHz	2366	1531	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1293	13.95	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3380	1192	15.44	\$219.00*
Intel Xeon E5620 @ 2.40GHz	4802	883	81.42	\$58.99
Intel Xeon E5630 @ 2.53GHz	5081	821	145.17	\$35.00*
Intel Xeon E5640 @ 2.67GHz	5256	793	88.36	\$59.49*
Intel Xeon E5645 @ 2.40GHz	6424	655	59.49	\$107.98
Intel Xeon E5649 @ 2.53GHz	6936	607	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1510	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	516	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9544	358	43.39	\$219.99
Intel Xeon E-2124G @ 3.40GHz	9816	334	38.65	\$254.00
Intel Xeon E-2126G @ 3.30GHz	13995	170	46.65	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10909	263	38.96	\$279.99
Intel Xeon E-2136 @ 3.30GHz	15899	125	50.32	\$315.99
Intel Xeon E-2144G @ 3.60GHz	11466	241	35.61	\$321.99
Intel Xeon E-2146G @ 3.50GHz	15896	127	44.78	\$354.99
Intel Xeon E-2174G @ 3.80GHz	12262	224	31.93	\$383.99
Intel Xeon E-2176G @ 3.70GHz	15594	133	37.13	\$419.99
Intel Xeon E-2176M @ 2.70GHz	13641	185	30.31	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	16057	120	30.59	\$524.99
Intel Xeon E-2186M @ 2.90GHz	14637	152	23.50	\$623.00*
Intel Xeon Gold 5117 @ 2.00GHz	16672	102	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16389	107	12.34	\$1,327.96
Intel Xeon Gold 5120 @ 2.20GHz	16308	112	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	81	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10894	264	8.58	\$1,269.99
Intel Xeon Gold 6126 @ 2.60GHz	19711	60	11.82	\$1,667.50
Intel Xeon Gold 6128 @ 3.40GHz	14941	147	8.13	\$1,837.99*
Intel Xeon Gold 6130 @ 2.10GHz	19277	67	9.89	\$1,949.99
Intel Xeon Gold 6132 @ 2.60GHz	23907	23	10.84	\$2,205.00*
Intel Xeon Gold 6134 @ 3.20GHz	18083	82	7.94	\$2,279.00
Intel Xeon Gold 6136 @ 3.00GHz	21061	47	8.06	\$2,613.59
Intel Xeon Gold 6138 @ 2.00GHz	25774	14	9.62	\$2,679.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	22	9.82	\$2,439.99
Intel Xeon Gold 6144 @ 3.50GHz	19654	63	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	18	6.31	\$3,982.51*
Intel Xeon Gold 6148 @ 2.40GHz	26660	11	8.19	\$3,253.99
Intel Xeon Gold 6152 @ 2.10GHz	23498	25	6.18	\$3,799.99
Intel Xeon Gold 6154 @ 3.00GHz	27722	8	7.82	\$3,543.15
Intel Xeon Gold 6230 @ 2.10GHz	24600	19	12.36	\$1,990.05
Intel Xeon L3110 @ 3.00GHz	2273	1570	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1093	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2009	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	1072	8.59	\$447.01*
CPU Name				

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Intel Xeon L5238 @ 2.66GHz	1823	1772	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1572	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1567	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1619	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1398	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3014	1303	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1195	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3503	1160	127.39	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3723	1106	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1107	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	963	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	970	225.95	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4369	966	67.22	\$65.00*
Intel Xeon L5638 @ 2.00GHz	5556	748	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	614	NA	NA
Intel Xeon L5640 @ 2.27GHz	6278	670	209.50	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1073	NA	NA
Intel Xeon MV 3.20GHz	683	2375	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26835	10	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	605	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	3	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	4	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	6	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	30583	1	3.51	\$8,725.00*
Intel Xeon Silver 4108 @ 1.80GHz	10838	267	24.09	\$449.99
Intel Xeon Silver 4109T @ 2.00GHz	10946	261	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11670	238	25.71	\$453.99
Intel Xeon Silver 4112 @ 2.60GHz	8611	448	16.75	\$513.99
Intel Xeon Silver 4114 @ 2.20GHz	14282	163	21.14	\$675.76
Intel Xeon Silver 4116 @ 2.10GHz	15397	137	14.66	\$1,049.99
Intel Xeon Silver 4123 @ 3.00GHz	15185	140	NA	NA
Intel Xeon Silver 4215 @ 2.50GHz	15440	135	20.61	\$749.00*
Intel Xeon W3503 @ 2.40GHz	1756	1794	108.30	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1844	1758	74.18	\$24.86*
Intel Xeon W3520 @ 2.67GHz	5057	828	105.36	\$48.00*
Intel Xeon W3530 @ 2.80GHz	5346	783	18.19	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	758	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5694	731	189.88	\$29.99*
Intel Xeon W3565 @ 3.20GHz	5939	704	84.91	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6062	695	12.63	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6366	664	29.68	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8121	490	16.24	\$499.99*
Intel Xeon W3680 @ 3.33GHz	9026	411	11.88	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9129	395	46.82	\$195.01
Intel Xeon W5580 @ 3.20GHz	5836	718	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	678	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	6954	603	29.59	\$235.05
Intel Xeon W-2104 @ 3.20GHz	7439	555	29.17	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10695	271	31.62	\$338.29
CPU Name				

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2125 @ 4.00GHz	12344	219	25.21	\$489.63
Intel Xeon W-2133 @ 3.60GHz	14207	166	23.03	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16322	110	18.01	\$906.28*
Intel Xeon W-2140B @ 3.20GHz	18610	75	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19665	62	16.48	\$1,192.99
Intel Xeon W-2150B @ 3.00GHz	21543	41	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21832	38	14.27	\$1,530.39*
Intel Xeon W-2175 @ 2.50GHz	24454	20	12.56	\$1,947.00*
Intel Xeon W-2195 @ 2.30GHz	24081	21	8.67	\$2,777.20*
Intel Xeon X3210 @ 2.13GHz	2739	1403	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1280	51.35	\$60.15*
Intel Xeon X3230 @ 2.66GHz	3398	1183	9.44	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3306	1212	14.41	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3176	1249	164.07	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3379	1193	16.09	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1079	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1068	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3942	1054	24.96	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3990	1041	117.04	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	985	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	901	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3342	1204	202.18	\$16.53*
Intel Xeon X3440 @ 2.53GHz	4521	938	31.85	\$141.96*
Intel Xeon X3450 @ 2.67GHz	4751	890	59.43	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5014	841	14.05	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5100	815	46.65	\$109.34*
Intel Xeon X3480 @ 3.07GHz	5657	738	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1495	45.47	\$54.00*
Intel Xeon X5270 @ 3.50GHz	2553	1461	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1519	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3181	1246	10.27	\$309.95*
Intel Xeon X5365 @ 3.00GHz	3524	1153	35.42	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4112	1019	68.59	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4328	976	94.12	\$45.99*
Intel Xeon X5470 @ 3.33GHz	4590	922	24.29	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4014	1033	17.84	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4529	937	45.30	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	867	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5353	781	17.56	\$304.85*
Intel Xeon X5560 @ 2.80GHz	5399	772	158.85	\$33.99
Intel Xeon X5570 @ 2.93GHz	5679	733	283.97	\$20.00
Intel Xeon X5647 @ 2.93GHz	5920	706	29.64	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7368	568	109.35	\$67.38
Intel Xeon X5660 @ 2.80GHz	7569	543	312.28	\$24.24*
Intel Xeon X5667 @ 3.07GHz	6291	668	269.66	\$23.33
Intel Xeon X5670 @ 2.93GHz	7856	512	206.11	\$38.12
Intel Xeon X5672 @ 3.20GHz	6397	659	1.49	\$4,280.00*
Intel Xeon X5675 @ 3.07GHz	8153	486	148.27	\$54.99
Intel Xeon X5677 @ 3.47GHz	6951	604	182.55	\$38.08*
CPU Name				

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5679 @ 3.20GHz	8845	429	NA	NA
Intel Xeon X5680 @ 3.33GHz	8395	464	111.94	\$75.00
Intel Xeon X5687 @ 3.60GHz	7076	592	141.67	\$49.95*
Intel Xeon X5690 @ 3.47GHz	8878	426	51.62	\$171.99
Intel Xeon X5698 @ 4.40GHz	4272	987	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1316	NA	NA
Mobile AMD Athlon 4	314	2679	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2634	NA	NA
Mobile AMD Athlon 64 2700+	398	2585	NA	NA
Mobile AMD Athlon 64 2800+	440	2536	NA	NA
Mobile AMD Athlon 64 3000+	450	2525	NA	NA
Mobile AMD Athlon 64 3200+	448	2528	NA	NA
Mobile AMD Athlon 64 3400+	511	2467	NA	NA
Mobile AMD Athlon 64 3700+	435	2546	NA	NA
Mobile AMD Athlon 64 4000+	576	2428	NA	NA
Mobile AMD Athlon 1400+	266	2754	NA	NA
Mobile AMD Athlon 2500+	370	2618	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2755	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2607	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2709	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2478	NA	NA
Mobile AMD Athlon XP	572	2432	45.81	\$12.49
Mobile AMD Athlon XP-M	512	2466	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2836	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2758	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2760	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2666	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2704	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2651	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2697	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2628	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2646	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2643	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2617	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2626	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2625	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2537	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2484	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2471	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2716	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2707	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2657	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2615	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2500	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2473	NA	NA
Mobile AMD Sempron 2100+	252	2769	NA	NA
Mobile AMD Sempron 2600+	394	2592	NA	NA
Mobile AMD Sempron 2800+	361	2631	NA	NA
Mobile AMD Sempron 3000+	389	2601	NA	NA
CPU Name				

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Sempron 3100+	416	2559	NA	NA
Mobile AMD Sempron 3200+	354	2638	NA	NA
Mobile AMD Sempron 3300+	446	2530	NA	NA
Mobile AMD Sempron 3400+	441	2535	NA	NA
Mobile AMD Sempron 3500+	408	2568	NA	NA
Mobile AMD Sempron 3600+	427	2554	NA	NA
Mobile AMD Sempron 3800+	485	2489	NA	NA
Mobile Intel Celeron 1.20GHz	170	2847	NA	NA
Mobile Intel Celeron 1.50GHz	188	2831	NA	NA
Mobile Intel Celeron 1.60GHz	188	2832	NA	NA
Mobile Intel Celeron 1.70GHz	181	2840	NA	NA
Mobile Intel Celeron 1.80GHz	186	2834	NA	NA
Mobile Intel Celeron 2.00GHz	204	2816	NA	NA
Mobile Intel Celeron 2.20GHz	226	2796	NA	NA
Mobile Intel Celeron 2.40GHz	239	2785	NA	NA
Mobile Intel Celeron 2.50GHz	281	2734	NA	NA
Mobile Intel Celeron 1200MHz	294	2710	NA	NA
Mobile Intel Celeron 1333MHz	280	2737	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2742	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2757	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2739	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2677	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2654	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2635	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2538	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2498	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2826	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2846	0.87	\$199.91
Mobile Intel Pentium 4 - M 1.80GHz	175	2843	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2791	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2821	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2823	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2807	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2764	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2681	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2810	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2822	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2773	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2714	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2797	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2715	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1483	NA	NA
Quad-Core AMD Opteron 1385	3442	1175	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3446	1173	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1337	NA	NA
VIA C3 Ezra	100	2875	NA	NA
VIA C7 1500MHz	284	2726	NA	NA
VIA C7-D 1500MHz	287	2722	NA	NA
VIA C7-D 1800MHz	203	2818	NA	NA
CPU Name				

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA C7-D 2000MHz	368	2621	NA	NA
VIA C7-M 1000MHz	164	2849	NA	NA
VIA C7-M 1200MHz	140	2862	NA	NA
VIA C7-M 1600MHz	178	2842	NA	NA
VIA C7-M 6300MHz	222	2799	NA	NA
VIA Eden 800MHz	155	2853	NA	NA
VIA Eden 1000MHz	123	2870	NA	NA
VIA Eden 1200MHz	142	2861	NA	NA
VIA Eden C1050@1.06GHz	352	2641	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2496	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	2123	NA	NA
VIA Esther 1000MHz	146	2860	NA	NA
VIA Esther 1300MHz	250	2771	NA	NA
VIA Esther 1500MHz	219	2801	NA	NA
VIA Esther 2000MHz	394	2591	NA	NA
VIA Nano L1900@1400MHz	457	2518	NA	NA
VIA Nano L2007@1600MHz	369	2619	NA	NA
VIA Nano L2100@1800MHz	428	2552	NA	NA
VIA Nano L2207@1600MHz	296	2706	NA	NA
VIA Nano L3025@1600MHz	517	2463	NA	NA
VIA Nano L3050@1800MHz	581	2425	NA	NA
VIA Nano L3600@2000MHz	645	2391	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2608	NA	NA
VIA Nano U2250@1300+MHz	274	2746	NA	NA
VIA Nano U2500@1200MHz	306	2688	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2475	NA	NA
VIA Nano U3300@1200MHz	409	2566	NA	NA
VIA Nano U3500@1000MHz	275	2744	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2410	NA	NA
VIA Nehemiah	155	2854	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1730	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1993	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2103	NA	NA
VIA Samuel 2	79	2877	NA	NA

* - Last price seen from our affiliates.

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Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	300	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	131	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	404	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	410	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	455	NA	NA
[Dual CPU] AMD EPYC 7281	13293	182	9.63	\$1,379.74

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD EPYC 7371	19370	117	NA	NA
[Dual CPU] AMD EPYC 7401	23518	69	6.15	\$3,821.64
[Dual CPU] AMD EPYC 7451	28957	37	5.77	\$5,022.16
[Dual CPU] AMD EPYC 7501	29003	36	4.07	\$7,119.12
[Dual CPU] AMD EPYC 7551	30966	25	4.35	\$7,119.12
[Dual CPU] AMD EPYC 7601	33545	18	3.89	\$8,625.02
[Dual CPU] AMD Opteron 246	1130	444	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	445	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	441	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	442	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	450	NA	NA
[Dual CPU] AMD Opteron 256	1853	438	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	436	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	432	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	435	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	427	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2769	417	NA	NA
[Dual CPU] AMD Opteron 290	2716	419	10.06	\$270.00*
[Dual CPU] AMD Opteron 885	2851	413	NA	NA
[Dual CPU] AMD Opteron 2212	2203	433	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	428	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	425	NA	NA
[Dual CPU] AMD Opteron 2216	2485	424	50.10	\$49.60
[Dual CPU] AMD Opteron 2216 HE	2593	421	NA	NA
[Dual CPU] AMD Opteron 2218	2719	418	9.54	\$284.90
[Dual CPU] AMD Opteron 2218 HE	2514	422	NA	NA
[Dual CPU] AMD Opteron 2220	2854	412	1.88	\$1,517.68*
[Dual CPU] AMD Opteron 2220 SE	2882	411	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	408	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	402	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	392	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	399	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	393	7.55	\$539.98*
[Dual CPU] AMD Opteron 2354	4554	380	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	383	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	362	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	390	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	376	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	363	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	361	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	348	63.93	\$90.00
[Dual CPU] AMD Opteron 2384	5914	345	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	335	NA	NA
[Dual CPU] AMD Opteron 2389	5677	350	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	365	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	336	NA	NA
[Dual CPU] AMD Opteron 2427	5907	346	29.83	\$198.00
[Dual CPU] AMD Opteron 2431	6438	329	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7068	315	18.70	\$378.00
[Dual CPU] AMD Opteron 2439 SE	8071	285	44.84	\$179.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 4122	4076	394	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	352	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	332	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	330	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7813	293	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	284	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	288	NA	NA
[Dual CPU] AMD Opteron 4234	9361	253	20.35	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	4214	387	52.69	\$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	246	NA	NA
[Dual CPU] AMD Opteron 4280	4525	381	45.25	\$100.00
[Dual CPU] AMD Opteron 4284	9151	254	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9456	252	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	225	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	233	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	211	40.57	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	322	169.13	\$39.98
[Dual CPU] AMD Opteron 6128 HE	5582	355	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	269	NA	NA
[Dual CPU] AMD Opteron 6134	7586	302	86.22	\$87.98
[Dual CPU] AMD Opteron 6136	7255	309	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	368	NA	NA
[Dual CPU] AMD Opteron 6168	7741	297	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7621	301	19.24	\$396.00
[Dual CPU] AMD Opteron 6174	8056	287	40.69	\$198.00
[Dual CPU] AMD Opteron 6176 SE	8448	274	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	405	10.05	\$309.98*
[Dual CPU] AMD Opteron 6204	7134	311	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	263	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	220	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	236	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	227	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	10008	241	16.14	\$619.90
[Dual CPU] AMD Opteron 6274	10536	223	22.04	\$478.00
[Dual CPU] AMD Opteron 6275	10900	219	NA	NA
[Dual CPU] AMD Opteron 6276	10194	235	30.16	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	200	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	276	13.47	\$619.96*
[Dual CPU] AMD Opteron 6320	10716	221	20.69	\$518.02
[Dual CPU] AMD Opteron 6328	11842	203	16.49	\$718.00
[Dual CPU] AMD Opteron 6344	11203	214	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	208	28.53	\$399.98*
[Dual CPU] AMD Opteron 6376	10405	226	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	255	11.46	\$798.00
[Dual CPU] AMD Opteron 6380	14200	168	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	195	40.65	\$299.98*
[Dual CPU] AMD Opteron 8218	2831	414	64.34	\$44.00
[Dual CPU] AMD Opteron 8220	2510	423	50.22	\$49.98
[Dual CPU] AMD Opteron 8222 SE	2793	416	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	403	67.15	\$48.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 8380	5643	353	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	364	NA	NA
[Dual CPU] AMD Opteron 8389	6517	326	41.25	\$158.00
[Dual CPU] AMD Opteron 8431	5813	347	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	323	46.80	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	299	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	443	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	430	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	398	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	290	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	464	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	462	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	459	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	541	458	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	465	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	466	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	463	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	461	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	456	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	452	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	451	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	454	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	449	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	448	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	447	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	437	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	446	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	434	6.68	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	429	0.71	\$3,239.98
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	420	41.62	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	406	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2978	409	31.69	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	407	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3415	400	12.20	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3827	396	51.04	\$74.98*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8809	265	18.51	\$475.98
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11024	217	16.70	\$659.98
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	337	20.82	\$298.00
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	334	87.58	\$71.98
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	308	10.90	\$670.00*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	258	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11387	210	14.60	\$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	202	35.29	\$337.48*
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	278	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	174	66.77	\$204.24*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	170	68.82	\$200.00*
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	209	176.43	\$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	190	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	185	12.60	\$1,019.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15063	158	20.41	\$738.00
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	141	20.24	\$818.00*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	205	45.06	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	140	90.85	\$182.86
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	125	54.94	\$338.06
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	333	127.11	\$49.88
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	325	81.52	\$79.98
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	275	9.71	\$861.98*
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8910	264	19.37	\$459.98
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8162	282	92.77	\$87.98
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8987	259	32.19	\$279.20
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	240	12.57	\$798.00*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	218	17.18	\$639.98
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12332	191	386.10	\$31.94
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13308	181	214.78	\$61.96
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15206	156	47.82	\$318.00
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16442	143	22.84	\$719.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14313	167	26.51	\$539.98
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	188	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	162	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13584	179	70.76	\$191.98
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15962	149	177.39	\$89.98
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18464	126	30.77	\$600.06
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18742	123	14.20	\$1,319.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	215	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	172	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	157	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	306	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15888	152	44.07	\$360.48*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16408	144	6.33	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16704	139	7.81	\$2,139.84
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14657	161	77.15	\$189.98
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14505	164	46.34	\$313.02
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19892	112	34.14	\$582.58*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20753	102	10.51	\$1,973.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13644	173	38.63	\$353.22
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20733	103	94.24	\$220.00
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21023	97	16.63	\$1,263.96
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	90	6.48	\$3,321.22*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	193	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	169	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	129	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	159	71.61	\$208.74*
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18977	121	126.55	\$149.96
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20250	107	23.28	\$870.00
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20576	106	8.57	\$2,399.98
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	165	91.04	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14506	163	96.71	\$150.00
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	98	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13634	175	4.66	\$2,924.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	122	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	116	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16327	145	117.48	\$138.98
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17809	130	67.99	\$261.94
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22577	82	14.68	\$1,537.98
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23225	76	7.74	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	78	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17131	135	76.48	\$223.98
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	61	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16940	136	161.33	\$105.00*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22568	83	36.40	\$619.98
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22713	80	13.28	\$1,710.60*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23172	77	5.94	\$3,898.06
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18160	128	60.13	\$302.00
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20622	105	53.91	\$382.54
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	86	37.29	\$600.00
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	72	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	75	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	32	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	110	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21063	96	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	30	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18186	127	122.45	\$148.52
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21518	91	44.67	\$481.72
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24513	65	35.02	\$699.98
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22584	81	7.48	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	137	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21159	95	20.74	\$1,019.98
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	60	5.66	\$4,417.86*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	87	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	50	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	39	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20869	99	47.87	\$435.98
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23305	74	28.49	\$818.00
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24157	67	20.47	\$1,179.98
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	51	6.13	\$4,349.98
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	111	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	54	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19309	118	100.55	\$192.04
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23491	70	19.94	\$1,177.98
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25396	57	32.70	\$776.56
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 v4 @ 2.60GHz	27291	49	6.29	\$4,339.98
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20858	101	40.11	\$519.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	62	12.30	\$2,019.98
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	64	4.69	\$5,258.84*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23483	71	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	28	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31807	23	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23330	73	25.41	\$918.00
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27639	45	27.10	\$1,019.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30182	29	5.44	\$5,551.98
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	42	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29093	35	4.25	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	27	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	21	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	68	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26496	52	5.28	\$5,018.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	17	2.86	\$11,909.58*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	104	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	114	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	151	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	119	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	113	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18712	124	97.98	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	160	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	222	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	84	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	47	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	196	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	154	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	85	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	199	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	16047	146	42.45	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	239	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	431	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	395	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3566	397	36.39	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4166	389	53.75	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	371	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	379	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5122	367	64.04	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5152	366	43.66	\$118.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6010	342	14.38	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6350	331	12.21	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6846	321	49.61	\$138.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7132	312	188.18	\$37.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7511	303	12.56	\$597.88*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7103	313	130.09	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7796	294	129.76	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	426	12.93	\$190.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	415	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4878	375	34.87	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4999	370	39.67	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	358	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7418	305	91.94	\$80.68
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	298	15.66	\$492.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	291	66.51	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	391	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5507	356	12.57	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5956	344	13.60	\$438.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8059	286	68.31	\$117.98
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8280	279	118.29	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8668	268	72.85	\$118.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10321	230	47.79	\$215.96
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10327	229	44.90	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	357	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	360	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	89	8.41	\$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	66	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	93	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22049	88	8.30	\$2,655.92
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	59	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	132	6.88	\$2,539.98
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	48	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	120	7.83	\$2,442.00*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27819	44	8.34	\$3,335.00
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22869	79	6.22	\$3,675.98*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	25702	56	6.59	\$3,899.98
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	46	6.24	\$4,410.00*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25308	58	5.55	\$4,558.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29596	33	5.66	\$5,227.18
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	43	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34192	16	6.38	\$5,359.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	20	6.68	\$4,879.98
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	38	4.70	\$6,139.98
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28594	40	4.89	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29885	31	3.75	\$7,965.02*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36813	9	5.66	\$6,507.98
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	24	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33530	19	4.41	\$7,599.98
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37159	8	5.24	\$7,086.30
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41095	4	5.40	\$7,606.00*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	382	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	386	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	373	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	354	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	339	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	328	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	341	19.22	\$315.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	372	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	319	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	318	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	289	206.10	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7000	317	53.85	\$130.00*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	260	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	248	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9666	247	161.26	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	457	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	460	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	453	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 MV 3.20GHz	1609	439	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	10	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	35823	12	2.32	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	34	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	6	3.33	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	13	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	11	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	7	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	3	3.26	\$12,604.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	148	17.75	\$899.98
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16452	142	18.12	\$907.98
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	178	13.24	\$1,027.98
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19397	115	14.35	\$1,351.52
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21232	94	10.11	\$2,099.98
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	109	19.96	\$1,002.00*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10079	237	47.08	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	228	2.06	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	232	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	377	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	378	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	374	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5748	349	9.27	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6203	338	31.17	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7445	304	62.08	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7833	292	85.16	\$91.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	283	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	295	17.28	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8193	281	40.97	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8682	267	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8934	262	14.65	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	256	133.63	\$67.98
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9535	251	238.38	\$40.00
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	243	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11288	213	83.76	\$134.76
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11598	206	239.23	\$48.48*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10279	231	220.30	\$46.66
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12248	194	160.65	\$76.24
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	238	1.18	\$8,560.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12491	187	113.58	\$109.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11305	212	148.44	\$76.16*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	177	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13552	180	90.35	\$150.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11940	201	119.52	\$99.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13754	171	39.98	\$343.98
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	273	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	324	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	266	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	242	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11794	204	268.05	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	388	46.34	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	369	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	385	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	384	36.47	\$120.00*
[Dual CPU] Quad-Core AMD Opteron 8378	5382	359	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	320	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	351	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	343	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	277	NA	NA
[Quad CPU] AMD Opteron 6136	9767	244	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	271	21.70	\$396.00
[Quad CPU] AMD Opteron 6272	12292	192	9.91	\$1,239.80
[Quad CPU] AMD Opteron 6274	10488	224	10.97	\$956.00
[Quad CPU] AMD Opteron 6276	15342	155	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	197	9.75	\$1,236.00
[Quad CPU] AMD Opteron 6282 SE	11044	216	21.24	\$519.96*
[Quad CPU] AMD Opteron 6376	13257	183	50.99	\$260.00
[Quad CPU] AMD Opteron 6378	20859	100	13.07	\$1,596.00
[Quad CPU] AMD Opteron 6380	12442	189	52.72	\$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	327	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	340	NA	NA
[Quad CPU] AMD Opteron 8382	8553	272	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	307	NA	NA
[Quad CPU] AMD Opteron 8431	8252	280	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	314	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	261	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	440	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	401	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	138	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	150	29.66	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	176	42.59	\$319.96
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	63	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	92	55.95	\$381.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	53	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	26	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	108	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	147	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	15	1.39	\$24,800.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	41	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	22	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	134	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17287	133	131.00	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14316	166	18.94	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	186	15.87	\$799.96*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	153	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	316	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	296	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	234	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	249	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	257	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	55	5.15	\$5,079.96
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	14	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	5	2.68	\$15,199.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	245	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	250	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	198	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	270	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	207	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	13145	184	149.38	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	310	29.88	\$240.00*

* - Last price seen from our affiliates.



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