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# CPU Benchmarks

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## CPU List

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

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- ✓ 12-48 VDC
- ✓ 56 mm flange
- ✓ 6 fieldbus options
- ✓ Fully programmable

## Single CPU Systems

Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2700	NA	NA
<a href="#">AMD A4 Micro-6400T APU</a>	1544	1892	NA	NA
<a href="#">AMD A4 PRO-3340B</a>	2402	1499	NA	NA
<a href="#">AMD A4 PRO-7300B APU</a>	2335	1521	NA	NA
<a href="#">AMD A4 PRO-7350B</a>	2227	1575	NA	NA
<a href="#">AMD A4-1200 APU</a>	632	2381	NA	NA
<a href="#">AMD A4-1250 APU</a>	619	2388	NA	NA
<a href="#">AMD A4-3300 APU</a>	1499	1918	49.99	\$29.99*
<a href="#">AMD A4-3300M APU</a>	1185	2081	39.52	\$29.99*
<a href="#">AMD A4-3305M APU</a>	1220	2060	39.61	\$30.81*
<a href="#">AMD A4-3310MX APU</a>	1287	2021	NA	NA
<a href="#">AMD A4-3320M APU</a>	1253	2043	34.93	\$35.90*
<a href="#">AMD A4-3330MX APU</a>	1212	2064	NA	NA
<a href="#">AMD A4-3400 APU</a>	1592	1879	18.11	\$87.95*
<a href="#">AMD A4-3420 APU</a>	1670	1831	NA	NA
<a href="#">AMD A4-4000 APU</a>	1829	1752	14.27	\$128.27*
<a href="#">AMD A4-4020 APU</a>	1921	1700	22.35	\$86.00*
<a href="#">AMD A4-4300M APU</a>	1611	1867	40.43	\$39.86*
<a href="#">AMD A4-4355M APU</a>	1175	2085	NA	NA
<a href="#">AMD A4-5000 APU</a>	1914	1704	NA	NA
<a href="#">AMD A4-5050 APU</a>	2113	1618	NA	NA
<a href="#">AMD A4-5100 APU</a>	2037	1647	NA	NA
<a href="#">AMD A4-5150M APU</a>	1844	1740	NA	NA
<a href="#">AMD A4-5300 APU</a>	2011	1660	14.25	\$141.13
<a href="#">AMD A4-5300B APU</a>	2142	1602	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	2166	1593	NA	NA
AMD A4-6250J APU	2556	1443	NA	NA
AMD A4-6300 APU	2218	1577	36.99	\$59.99*
AMD A4-6300B APU	2129	1609	21.30	\$100.00*
AMD A4-6320 APU	2329	1524	33.29	\$69.99*
AMD A4-7210 APU	2517	1458	NA	NA
AMD A4-7300 APU	2303	1536	21.34	\$107.99*
AMD A4-9120	1944	1689	NA	NA
AMD A4-9125	2015	1656	NA	NA
AMD A6 Micro-6500T APU	1834	1750	NA	NA
AMD A6 PRO-7050B APU	1616	1865	NA	NA
AMD A6 PRO-7400B	2608	1421	NA	NA
AMD A6-1450 APU	1532	1898	NA	NA
AMD A6-3400M APU	1883	1725	62.86	\$29.97*
AMD A6-3410MX APU	2057	1643	515.55	\$3.99*
AMD A6-3420M APU	2000	1663	NA	NA
AMD A6-3430MX APU	2200	1584	NA	NA
AMD A6-3500 APU	2012	1659	50.32	\$39.99*
AMD A6-3600 APU	2701	1396	117.50	\$22.99*
AMD A6-3620 APU	2797	1364	46.63	\$59.99*
AMD A6-3650 APU	3148	1248	98.43	\$31.99*
AMD A6-3670 APU	3169	1235	22.50	\$140.90*
AMD A6-4400M APU	1640	1849	205.36	\$7.99*
AMD A6-4455M APU	1286	2022	NA	NA
AMD A6-5200 APU	2431	1486	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	1927	NA	NA
AMD A6-5350M APU	1902	1711	44.13	\$43.12*
AMD A6-5357M APU	1941	1691	NA	NA
AMD A6-5400B APU	2236	1570	21.30	\$105.04*
AMD A6-5400K APU	2157	1598	21.79	\$99.00
AMD A6-6310 APU	2455	1479	NA	NA
AMD A6-6400B APU	2281	1548	NA	NA
AMD A6-6400K APU	2307	1533	22.16	\$104.13*
AMD A6-6420B APU	2612	1419	NA	NA
AMD A6-6420K APU	2388	1505	15.92	\$149.99*
AMD A6-7000	1667	1835	NA	NA
AMD A6-7310 APU	2663	1407	NA	NA
AMD A6-7400K APU	2777	1369	42.90	\$64.75*
AMD A6-7470K	2727	1390	13.37	\$203.99*
AMD A6-7480	3168	1236	72.04	\$43.99
AMD A6-8500P	2202	1583	NA	NA
AMD A6-8550	3032	1285	NA	NA
AMD A6-9200	1738	1789	NA	NA
AMD A6-9210	1728	1793	NA	NA
AMD A6-9220	2164	1594	NA	NA
AMD A6-9220C	2147	1601	NA	NA
AMD A6-9220e	1639	1850	NA	NA
AMD A6-9225	2153	1599	NA	NA
AMD A6-9230	2102	1623	NA	NA
AMD A6-9500	3040	1282	50.69	\$59.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-9500E	2889	1339	40.20	\$71.87*
AMD A8 PRO-7150B APU	2652	1408	NA	NA
AMD A8 PRO-7600B APU	4728	877	NA	NA
AMD A8-3500M APU	1972	1676	28.20	\$69.95
AMD A8-3510MX APU	2370	1512	NA	NA
AMD A8-3520M APU	2171	1591	NA	NA
AMD A8-3530MX APU	2365	1516	NA	NA
AMD A8-3550MX APU	2610	1420	NA	NA
AMD A8-3800 APU	3014	1288	52.89	\$56.99*
AMD A8-3820 APU	3104	1259	24.84	\$124.99*
AMD A8-3850 APU	3465	1154	32.79	\$105.68*
AMD A8-3870K APU	3542	1132	70.85	\$49.99*
AMD A8-4500M APU	2666	1405	NA	NA
AMD A8-4555M APU	2120	1614	NA	NA
AMD A8-5500 APU	3995	1020	70.71	\$56.50*
AMD A8-5500B APU	3993	1022	NA	NA
AMD A8-5545M APU	2587	1431	NA	NA
AMD A8-5550M APU	3006	1293	NA	NA
AMD A8-5557M APU	2968	1306	NA	NA
AMD A8-5600K APU	4343	957	18.94	\$229.30
AMD A8-6410 APU	2571	1439	NA	NA
AMD A8-6500 APU	4396	945	46.28	\$94.99*
AMD A8-6500B APU	4612	899	NA	NA
AMD A8-6500T APU	3221	1218	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	4587	905	47.30	\$96.99*
AMD A8-7050	1986	1671	NA	NA
AMD A8-7100 APU	2807	1362	NA	NA
AMD A8-7200P	3319	1190	NA	NA
AMD A8-7410 APU	2741	1385	NA	NA
AMD A8-7600 APU	5067	810	63.35	\$79.99*
AMD A8-7650K	4923	843	19.38	\$254.00*
AMD A8-7670K	5089	801	31.59	\$161.10*
AMD A8-7680	5191	788	86.55	\$59.99*
AMD A8-8600P	3248	1210	NA	NA
AMD A8-8650	5470	744	NA	NA
AMD A8-9600	4985	829	73.33	\$67.99
AMD A9-9400	2323	1526	NA	NA
AMD A9-9410	2554	1444	NA	NA
AMD A9-9420	2334	1522	NA	NA
AMD A9-9420e	1890	1721	NA	NA
AMD A9-9425	2537	1451	NA	NA
AMD A9-9430	2524	1454	NA	NA
AMD A10 Micro-6700T APU	1970	1677	NA	NA
AMD A10 PRO-7350B APU	3171	1234	NA	NA
AMD A10 PRO-7800B APU	4973	833	NA	NA
AMD A10 PRO-7850B APU	5380	759	NA	NA
AMD A10-4600M APU	3112	1258	NA	NA
AMD A10-4655M APU	2607	1422	NA	NA
AMD A10-4657M APU	2906	1328	NA	NA
AMD A10-5700 APU	4211	981	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	2764	1376	NA	NA
AMD A10-5750M APU	3343	1188	NA	NA
AMD A10-5757M APU	3084	1266	NA	NA
AMD A10-5800B APU	4568	907	NA	NA
AMD A10-5800K APU	4636	892	13.95	\$332.32*
AMD A10-6700 APU	4605	902	39.37	\$116.99*
AMD A10-6700T APU	3693	1096	25.02	\$147.61*
AMD A10-6790K APU	4684	883	49.32	\$94.99*
AMD A10-6800B APU	4806	863	NA	NA
AMD A10-6800K APU	4860	854	16.95	\$286.85*
AMD A10-7300 APU	2906	1331	NA	NA
AMD A10-7400P	3603	1113	NA	NA
AMD A10-7700K APU	5118	796	14.76	\$346.70*
AMD A10-7800 APU	4982	830	48.19	\$103.39*
AMD A10-7850K APU	5472	743	13.03	\$420.00
AMD A10-7860K	5067	809	28.96	\$175.00*
AMD A10-7870K	5469	745	24.10	\$226.99*
AMD A10-7890K	5702	714	28.51	\$199.99*
AMD A10-8700P	3445	1158	NA	NA
AMD A10-8750	5076	807	NA	NA
AMD A10-8850	5598	729	NA	NA
AMD A10-9600P	3779	1071	NA	NA
AMD A10-9620P	3672	1102	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	926	NA	NA
AMD A10-9700	5411	754	65.58	\$82.51*
AMD A10-9700E	4747	876	39.49	\$120.24
AMD A12-9700P	3732	1087	NA	NA
AMD A12-9720P	4011	1017	NA	NA
AMD A12-9730P	4472	930	NA	NA
AMD A12-9800	5521	739	39.94	\$138.24*
AMD A12-9800E	5083	804	38.69	\$131.38*
AMD Athlon64 X2 Dual Core 4600+	1108	2123	NA	NA
AMD Athlon 4	279	2720	11.68	\$23.95
AMD Athlon 64 2000+	116	2854	NA	NA
AMD Athlon 64 2200+	575	2413	NA	NA
AMD Athlon 64 2600+	374	2594	NA	NA
AMD Athlon 64 2800+	438	2523	4.38	\$99.99*
AMD Athlon 64 3000+	464	2492	5.80	\$79.99
AMD Athlon 64 3200+	492	2461	3.28	\$149.95*
AMD Athlon 64 3300+	576	2412	NA	NA
AMD Athlon 64 3400+	545	2424	NA	NA
AMD Athlon 64 3500+	540	2430	4.97	\$108.95
AMD Athlon 64 3600+	601	2397	NA	NA
AMD Athlon 64 3700+	598	2399	8.67	\$69.00*
AMD Athlon 64 3800+	589	2402	3.28	\$179.95
AMD Athlon 64 4000+	608	2392	3.32	\$183.34
AMD Athlon 64 FX-25	794	2306	NA	NA
AMD Athlon 64 FX-34	380	2586	NA	NA
AMD Athlon 64 FX-51	437	2524	NA	NA
AMD Athlon 64 FX-53	646	2373	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	2337	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2333	NA	NA
AMD Athlon 64 FX-59	715	2340	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2027	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1883	NA	NA
AMD Athlon 64 FX-72	1794	1763	NA	NA
AMD Athlon 64 FX-74	1495	1922	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2220	NA	NA
AMD Athlon 64 X2 4200+	1285	2024	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2193	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2214	16.05	\$60.00
AMD Athlon 64 X2 Dual Core 3800+	1000	2187	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1043	2161	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1097	2129	5.49	\$199.95
AMD Athlon 64 X2 Dual Core 4400+	1145	2108	19.10	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1219	2061	3.39	\$359.95
AMD Athlon 64 X2 Dual Core 4800+	1253	2042	2.73	\$459.95
AMD Athlon 64 X2 Dual Core 5000+	1313	2002	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	1967	9.87	\$139.95
AMD Athlon 64 X2 Dual Core 5400+	1448	1938	27.34	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1485	1925	10.61	\$139.95*
AMD Athlon 64 X2 Dual Core 5800+	1516	1909	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	1871	32.76	\$48.95
AMD Athlon 64 X2 Dual Core 6400+	1790	1765	6.89	\$259.95*
AMD Athlon 64 X2 Dual Core BE-230	1095	2133	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2142	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2159	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2285	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2286	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2208	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2265	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2295	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2266	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	925	2241	NA	NA
AMD Athlon 64 X2 QL-60	921	2246	NA	NA
AMD Athlon 64 X2 QL-62	1005	2182	NA	NA
AMD Athlon 64 X2 QL-64	992	2197	NA	NA
AMD Athlon 64 X2 QL-65	1050	2157	NA	NA
AMD Athlon 64 X2 QL-66	947	2227	NA	NA
AMD Athlon 64 X2 QL-67	1006	2181	NA	NA
AMD Athlon 64 X2 TK-55	955	2221	NA	NA
AMD Athlon 64 X2 TK-57	988	2199	NA	NA
AMD Athlon 200GE	4943	839	78.36	\$63.09*
AMD Athlon 220GE	5252	779	75.05	\$69.99
AMD Athlon 240GE	5428	750	73.66	\$73.70
AMD Athlon 1500+	294	2693	NA	NA
AMD Athlon 1640B	670	2363	13.42	\$50.00*
AMD Athlon 2000+	390	2582	NA	NA
AMD Athlon 2100+	412	2545	NA	NA
AMD Athlon 2200+	363	2612	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	2495	NA	NA
AMD Athlon 2500+	374	2592	2.04	\$183.99*
AMD Athlon 2600+	444	2514	4.23	\$104.95*
AMD Athlon 2650e	409	2550	21.56	\$19.00*
AMD Athlon 2800+	447	2511	3.20	\$139.95*
AMD Athlon 2850e	506	2454	NA	NA
AMD Athlon 3100+	485	2472	NA	NA
AMD Athlon 3200+	458	2499	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	2016	10.78	\$119.95
AMD Athlon 5150 APU	2106	1621	13.17	\$159.95
AMD Athlon 5200 Dual-Core	1266	2037	42.23	\$29.99*
AMD Athlon 5350 APU	2606	1423	7.70	\$338.46*
AMD Athlon 5370 APU	2912	1324	45.73	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1939	NA	NA
AMD Athlon 7550 Dual-Core	1469	1930	24.49	\$60.00
AMD Athlon 7750 Dual-Core	1571	1884	7.79	\$201.71*
AMD Athlon 7850 Dual-Core	1713	1803	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2703	NA	NA
AMD Athlon Dual Core 4050e	1086	2138	NA	NA
AMD Athlon Dual Core 4450B	1166	2094	37.63	\$31.00*
AMD Athlon Dual Core 4450e	1105	2127	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	1961	NA	NA
AMD Athlon Dual Core 4850e	1313	2003	33.67	\$39.00*
AMD Athlon Dual Core 5000B	1300	2009	13.69	\$95.00*
AMD Athlon Dual Core 5050e	1343	1988	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1316	2001	NA	NA
AMD Athlon Dual Core 5400B	1420	1952	NA	NA
AMD Athlon Dual Core 5600B	1304	2007	NA	NA
AMD Athlon II 160u	560	2419	18.68	\$29.99*
AMD Athlon II 170u	625	2384	20.89	\$29.95*
AMD Athlon II Dual-Core M300	1112	2119	NA	NA
AMD Athlon II Dual-Core M320	1141	2110	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2155	NA	NA
AMD Athlon II N330 Dual-Core	1154	2101	NA	NA
AMD Athlon II N350 Dual-Core	1249	2047	NA	NA
AMD Athlon II N370 Dual-Core	1559	1888	NA	NA
AMD Athlon II Neo K125	473	2484	NA	NA
AMD Athlon II Neo K145	525	2437	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2313	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2276	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2308	NA	NA
AMD Athlon II P320 Dual-Core	1217	2062	40.65	\$29.95
AMD Athlon II P340 Dual-Core	1250	2046	27.82	\$44.95*
AMD Athlon II P360 Dual-Core	1318	2000	54.93	\$24.00*
AMD Athlon II X2 210e	1486	1923	NA	NA
AMD Athlon II X2 215	1570	1885	131.01	\$11.99*
AMD Athlon II X2 220	1632	1855	50.70	\$32.19
AMD Athlon II X2 225	1526	1899	NA	NA
AMD Athlon II X2 235e	1658	1841	9.12	\$181.88*
AMD Athlon II X2 240	1642	1847	47.01	\$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	1818	48.52	\$34.95*
AMD Athlon II X2 245	1661	1840	47.55	\$34.95*
AMD Athlon II X2 245e	1709	1808	21.37	\$80.00*
AMD Athlon II X2 250	1742	1786	44.74	\$38.95*
AMD Athlon II X2 250e	1939	1692	25.28	\$76.73*
AMD Athlon II X2 250u	1000	2186	28.64	\$34.95*
AMD Athlon II X2 255	1841	1745	28.23	\$65.22*
AMD Athlon II X2 260	1874	1728	93.76	\$19.99*
AMD Athlon II X2 260u	1107	2124	13.28	\$83.44*
AMD Athlon II X2 265	1890	1720	22.81	\$82.88*
AMD Athlon II X2 270	1978	1674	82.48	\$23.99*
AMD Athlon II X2 270u	1350	1985	19.96	\$67.67*
AMD Athlon II X2 280	2129	1608	21.30	\$99.99*
AMD Athlon II X2 4300e	1350	1984	NA	NA
AMD Athlon II X2 4400e	1616	1864	NA	NA
AMD Athlon II X2 4450e	1504	1915	NA	NA
AMD Athlon II X2 B22	1711	1805	41.05	\$41.69*
AMD Athlon II X2 B24	1776	1769	52.11	\$34.10
AMD Athlon II X2 B26	1904	1710	54.50	\$34.95
AMD Athlon II X2 B28	2085	1630	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	1661	18.70	\$107.43*
AMD Athlon II X3 405e	2000	1662	25.00	\$79.99*
AMD Athlon II X3 415e	2247	1564	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1544	19.68	\$116.15*
AMD Athlon II X3 425	2317	1529	85.86	\$26.99*
AMD Athlon II X3 425e	2239	1569	NA	NA
AMD Athlon II X3 435	2472	1476	14.55	\$169.95
AMD Athlon II X3 440	2566	1441	95.09	\$26.99*
AMD Athlon II X3 445	2574	1435	28.29	\$91.00*
AMD Athlon II X3 450	2620	1417	68.94	\$38.01*
AMD Athlon II X3 455	2765	1374	70.93	\$38.99*
AMD Athlon II X3 460	2863	1343	73.45	\$38.99*
AMD Athlon II X4 553	3814	1062	NA	NA
AMD Athlon II X4 555	3830	1057	NA	NA
AMD Athlon II X4 559	4141	997	NA	NA
AMD Athlon II X4 600e	2453	1482	18.84	\$130.23*
AMD Athlon II X4 605e	2738	1387	26.90	\$101.80*
AMD Athlon II X4 610e	2790	1366	39.87	\$69.99*
AMD Athlon II X4 615e	2901	1335	49.17	\$59.00*
AMD Athlon II X4 620	2934	1316	41.93	\$69.99*
AMD Athlon II X4 620e	2906	1332	NA	NA
AMD Athlon II X4 630	3134	1251	8.92	\$351.54
AMD Athlon II X4 631 Quad-Core	3153	1246	39.42	\$80.00*
AMD Athlon II X4 635	3235	1213	46.25	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1224	120.73	\$26.49*
AMD Athlon II X4 640	3314	1193	41.45	\$79.95
AMD Athlon II X4 641 Quad-Core	3343	1187	36.54	\$91.50*
AMD Athlon II X4 645	3471	1150	69.44	\$49.99*
AMD Athlon II X4 650	3482	1149	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	1123	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	1296	NA	NA
AMD Athlon II X4 6400e	2594	1427	NA	NA
AMD Athlon L110	303	2673	NA	NA
AMD Athlon LE-1600	557	2421	26.57	\$21.00*
AMD Athlon LE-1620	578	2410	32.12	\$18.00*
AMD Athlon LE-1640	627	2383	NA	NA
AMD Athlon LE-1660	679	2360	NA	NA
AMD Athlon MP	230	2774	4.20	\$54.95*
AMD Athlon MP 1700+	339	2635	NA	NA
AMD Athlon MP 2400+	436	2525	NA	NA
AMD Athlon MP 2800+	497	2459	NA	NA
AMD Athlon Neo MV-40	410	2548	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2184	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2312	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2290	NA	NA
AMD Athlon PRO 200GE	5204	784	NA	NA
AMD Athlon QI-46	473	2483	NA	NA
AMD Athlon TF-20	413	2543	NA	NA
AMD Athlon TF-36	395	2572	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	1893	NA	NA
AMD Athlon X2 235e	1806	1759	NA	NA
AMD Athlon X2 240	1602	1872	NA	NA
AMD Athlon X2 240e	1670	1832	NA	NA
AMD Athlon X2 250	1696	1817	NA	NA
AMD Athlon X2 255	1627	1859	NA	NA
AMD Athlon X2 280	2303	1538	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1911	1709	38.23	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1563	NA	NA
AMD Athlon X2 440	1424	1949	NA	NA
AMD Athlon X2 Dual Core 3250e	783	2311	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2188	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2247	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2121	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2063	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2044	NA	NA
AMD Athlon X2 Dual Core L310	644	2375	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2179	NA	NA
AMD Athlon X3 425	2191	1587	NA	NA
AMD Athlon X3 435	2574	1436	26.96	\$95.49*
AMD Athlon X3 440	2078	1633	23.62	\$87.99*
AMD Athlon X3 445	2314	1531	NA	NA
AMD Athlon X3 450	3064	1274	38.80	\$78.99*
AMD Athlon X3 455	2401	1501	NA	NA
AMD Athlon X4 605e	2505	1464	NA	NA
AMD Athlon X4 620	2861	1344	47.74	\$59.95*
AMD Athlon X4 635	2891	1338	23.71	\$121.99*
AMD Athlon X4 640	3172	1233	NA	NA
AMD Athlon X4 740 Quad Core	4013	1016	14.49	\$277.00*
AMD Athlon X4 750 Quad Core	4551	911	NA	NA
AMD Athlon X4 750K Quad Core	4253	972	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	904	109.41	\$41.98*
AMD Athlon X4 830	4701	880	NA	NA
AMD Athlon X4 840	5046	816	64.09	\$78.74*
AMD Athlon X4 845	5400	756	101.65	\$53.13*
AMD Athlon X4 860K	5419	752	99.45	\$54.50*
AMD Athlon X4 870K	5288	773	66.12	\$79.99*
AMD Athlon X4 880K	5544	733	55.45	\$99.99*
AMD Athlon X4 950	5249	780	87.50	\$59.99
AMD Athlon XP1600+	281	2715	NA	NA
AMD Athlon XP1900+	353	2621	NA	NA
AMD Athlon XP2100+	287	2705	NA	NA
AMD Athlon XP2200+	401	2563	NA	NA
AMD Athlon XP2400+	374	2593	NA	NA
AMD Athlon XP 1500	282	2714	NA	NA
AMD Athlon XP 1500+	257	2745	NA	NA
AMD Athlon XP 1600+	267	2735	NA	NA
AMD Athlon XP 1700	344	2631	NA	NA
AMD Athlon XP 1700+	271	2731	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	2680	5.10	\$58.95*
AMD Athlon XP 1900+	312	2664	NA	NA
AMD Athlon XP 2000+	299	2681	12.00	\$24.99*
AMD Athlon XP 2100+	323	2647	NA	NA
AMD Athlon XP 2200+	328	2646	3.87	\$84.95*
AMD Athlon XP 2300+	464	2491	NA	NA
AMD Athlon XP 2400+	360	2614	4.01	\$89.99
AMD Athlon XP 2500+	355	2618	NA	NA
AMD Athlon XP 2600+	372	2598	16.18	\$23.03*
AMD Athlon XP 2700+	393	2575	4.64	\$84.79*
AMD Athlon XP 2800+	400	2565	NA	NA
AMD Athlon XP 2900+	424	2539	NA	NA
AMD Athlon XP 3000+	402	2561	5.06	\$79.70*
AMD Athlon XP 3100+	433	2529	NA	NA
AMD Athlon XP 3200+	431	2531	NA	NA
AMD Athlon XP 3400+	570	2416	NA	NA
AMD Athlon XP Pro3+	367	2606	NA	NA
AMD Athlon XP-M	541	2429	15.48	\$34.95*
AMD C-30	310	2666	NA	NA
AMD C-50	462	2494	NA	NA
AMD C-60	466	2488	NA	NA
AMD C-60 APU	543	2426	NA	NA
AMD C-70 APU	558	2420	NA	NA
AMD E1 Micro-6200T APU	960	2217	NA	NA
AMD E1-1200 APU	655	2371	NA	NA
AMD E1-1500 APU	688	2355	NA	NA
AMD E1-2100 APU	641	2379	NA	NA
AMD E1-2200 APU	767	2315	NA	NA
AMD E1-2500 APU	889	2263	NA	NA
AMD E1-6010 APU	861	2270	NA	NA
AMD E1-6015 APU	899	2259	NA	NA
AMD E1-7010 APU	1002	2185	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	2294	NA	NA
AMD E2-2000 APU	825	2291	NA	NA
AMD E2-3000 APU	1105	2128	NA	NA
AMD E2-3000M APU	1096	2131	54.84	\$20.00*
AMD E2-3200 APU	1386	1963	173.59	\$7.99*
AMD E2-3800 APU	1642	1848	NA	NA
AMD E2-6110 APU	1912	1708	NA	NA
AMD E2-7110 APU	2283	1545	NA	NA
AMD E2-9000	1636	1852	NA	NA
AMD E2-9000e	1352	1983	NA	NA
AMD E2-9010	1745	1784	NA	NA
AMD E2-9030	1515	1910	NA	NA
AMD E-240	319	2653	NA	NA
AMD E-300 APU	610	2391	NA	NA
AMD E-350	746	2328	NA	NA
AMD E-350 APU	753	2323	NA	NA
AMD E-350D APU	726	2335	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	2316	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1774	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1628	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2508	1462	NA	NA
AMD Embedded R-Series RX-216GD	2409	1496	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	808	NA	NA
AMD Embedded R-Series RX-421BD	4635	894	NA	NA
AMD EPYC 7251 8-Core	11811	226	23.24	\$508.29
AMD EPYC 7301	18564	72	20.05	\$926.05
AMD EPYC 7351	18081	80	14.80	\$1,221.99
AMD EPYC 7351P	14887	138	17.75	\$838.76
AMD EPYC 7371	22071	31	NA	NA
AMD EPYC 7401P	19555	62	15.93	\$1,227.99
AMD EPYC 7501	18942	68	5.05	\$3,751.16
AMD EPYC 7551	18483	75	4.89	\$3,777.99
AMD EPYC 7551P	18406	76	8.37	\$2,199.81
AMD FirePro A320 APU	4540	917	NA	NA
AMD FX-670K Quad-Core	4550	912	NA	NA
AMD FX-770K Quad-Core	4803	865	NA	NA
AMD FX-870K Quad Core	5021	822	NA	NA
AMD FX-4100 Quad-Core	4069	1006	31.31	\$129.99*
AMD FX-4130 Quad-Core	4164	990	54.80	\$75.99*
AMD FX-4150 Quad-Core	4594	903	NA	NA
AMD FX-4170 Quad-Core	4869	850	48.70	\$99.99*
AMD FX-4200 Quad-Core	4235	976	18.56	\$228.21*
AMD FX-4300 Quad-Core	4692	882	39.44	\$119.00
AMD FX-4320	5005	826	NA	NA
AMD FX-4330	5321	772	NA	NA
AMD FX-4350 Quad-Core	5339	768	12.42	\$430.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-6100 Six-Core	5388	758	21.30	\$253.00
AMD FX-6120 Six-Core	5733	711	NA	NA
AMD FX-6130 Six-Core	6215	659	NA	NA
AMD FX-6200 Six-Core	6119	672	18.00	\$339.95
AMD FX-6300 Six-Core	6387	644	87.33	\$73.14
AMD FX-6330 Six-Core	6916	593	NA	NA
AMD FX-6350 Six-Core	7001	582	31.12	\$225.00
AMD FX-7500 APU	3212	1220	NA	NA
AMD FX-7600P	4049	1009	NA	NA
AMD FX-7600P APU	4627	896	NA	NA
AMD FX-8100 Eight-Core	6008	682	42.31	\$142.00*
AMD FX-8120 Eight-Core	6599	625	66.00	\$99.99*
AMD FX-8140 Eight-Core	6133	668	NA	NA
AMD FX-8150 Eight-Core	7633	522	5.28	\$1,445.01*
AMD FX-8300 Eight-Core	7717	514	84.81	\$91.00*
AMD FX-8310 Eight-Core	7723	512	NA	NA
AMD FX-8320 Eight-Core	8015	487	53.79	\$149.00*
AMD FX-8320E Eight-Core	7550	528	76.27	\$98.99
AMD FX-8350 Eight-Core	8951	403	127.89	\$69.99
AMD FX-8370 Eight-Core	9036	393	73.27	\$123.32*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8370E Eight-Core	7805	505	41.96	\$186.00*
AMD FX-8800P	4150	993	NA	NA
AMD FX-9370 Eight-Core	9447	357	39.36	\$239.99
AMD FX-9590 Eight-Core	10191	285	61.41	\$165.95*
AMD FX-9800P	3973	1026	NA	NA
AMD FX-9830P	4771	871	NA	NA
AMD FX-B4150 Quad-Core	4611	900	NA	NA
AMD G-T40E	467	2487	NA	NA
AMD G-T40N	516	2446	NA	NA
AMD G-T40R	203	2801	NA	NA
AMD G-T44R	227	2776	NA	NA
AMD G-T48E	667	2365	NA	NA
AMD G-T52R	308	2668	NA	NA
AMD G-T56E	751	2324	NA	NA
AMD G-T56N	794	2307	NA	NA
AMD Geode NX	264	2738	NA	NA
AMD Geode NX 1750	291	2694	NA	NA
AMD GX-210JA SOC	401	2564	NA	NA
AMD GX-212JC SOC	744	2329	NA	NA
AMD GX-217GA SOC	1107	2125	NA	NA
AMD GX-218GL SOC	1115	2116	NA	NA
AMD GX-222GC SOC	1255	2041	NA	NA
AMD GX-412HC	1497	1921	NA	NA
AMD GX-415GA SOC	1944	1690	NA	NA
AMD GX-420CA SOC	2412	1494	NA	NA
AMD GX-424CC SOC	2491	1469	NA	NA
AMD K7	403	2559	NA	NA
AMD Opteron 140	396	2570	0.56	\$710.00*
AMD Opteron 142	428	2535	NA	NA
AMD Opteron 144	486	2469	7.48	\$65.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 146	532	2434	8.87	\$59.99*
AMD Opteron 148	603	2396	NA	NA
AMD Opteron 150	604	2394	NA	NA
AMD Opteron 152	658	2367	NA	NA
AMD Opteron 154	703	2349	NA	NA
AMD Opteron 165	899	2260	1.47	\$610.00*
AMD Opteron 170	1097	2130	NA	NA
AMD Opteron 175	1167	2093	NA	NA
AMD Opteron 180	1233	2054	9.49	\$129.95
AMD Opteron 185	1342	1989	NA	NA
AMD Opteron 246	632	2382	4.52	\$139.95
AMD Opteron 248	476	2481	4.77	\$99.95*
AMD Opteron 250	649	2372	59.01	\$11.00*
AMD Opteron 252	760	2320	12.00	\$63.36*
AMD Opteron 254	693	2352	NA	NA
AMD Opteron 256	963	2212	50.72	\$19.00*
AMD Opteron 265	963	2213	13.20	\$73.00
AMD Opteron 270	1170	2091	1.93	\$607.47*
AMD Opteron 275	1291	2018	19.87	\$64.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 280	1176	2084	1.48	\$796.67*
AMD Opteron 285	1470	1929	NA	NA
AMD Opteron 290	1464	1932	10.85	\$135.00*
AMD Opteron 1210	923	2243	NA	NA
AMD Opteron 1210 HE	971	2207	NA	NA
AMD Opteron 1212	1009	2180	3.48	\$290.00*
AMD Opteron 1212 HE	1308	2005	NA	NA
AMD Opteron 1214	1191	2077	4.11	\$290.00*
AMD Opteron 1214 HE	1299	2010	NA	NA
AMD Opteron 1216	1311	2004	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2089	NA	NA
AMD Opteron 1218	1468	1931	NA	NA
AMD Opteron 1218 HE	1444	1940	NA	NA
AMD Opteron 1220	1653	1844	NA	NA
AMD Opteron 1222	1757	1776	NA	NA
AMD Opteron 1352	2316	1530	17.04	\$135.99*
AMD Opteron 1354	2630	1414	19.49	\$135.00*
AMD Opteron 1356	2765	1375	30.73	\$89.99*
AMD Opteron 1381	3065	1273	NA	NA
AMD Opteron 2212	1270	2034	63.53	\$20.00*
AMD Opteron 2214	1358	1981	46.85	\$29.00*
AMD Opteron 2214 HE	1415	1954	NA	NA
AMD Opteron 2216	1518	1908	61.21	\$24.80*
AMD Opteron 2218	1594	1877	49.18	\$32.42*
AMD Opteron 2220	1701	1813	2.24	\$758.84
AMD Opteron 2220 SE	1398	1958	55.92	\$25.00*
AMD Opteron 2222	1843	1742	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1702	NA	NA
AMD Opteron 2350	2820	1356	10.45	\$269.99*
AMD Opteron 2356	2814	1358	54.12	\$52.00
AMD Opteron 2373 EE	2789	1367	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2374 HE	2951	1309	15.53	\$189.99*
AMD Opteron 2376	2283	1546	13.69	\$166.81*
AMD Opteron 2378	3179	1231	17.76	\$179.00*
AMD Opteron 2380	2640	1412	58.69	\$45.00*
AMD Opteron 2384	3538	1133	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1134	NA	NA
AMD Opteron 2393 SE	2246	1565	NA	NA
AMD Opteron 2427	3069	1271	31.00	\$99.00
AMD Opteron 2431	4516	922	112.91	\$40.00
AMD Opteron 2435	4708	879	24.91	\$189.00
AMD Opteron 3250 HE	2942	1312	29.73	\$99.00*
AMD Opteron 3260 HE	3259	1204	NA	NA
AMD Opteron 3280	5403	755	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1403	NA	NA
AMD Opteron 3350 HE	4009	1018	NA	NA
AMD Opteron 3365	5963	685	NA	NA
AMD Opteron 3380	6384	645	7.89	\$809.00*
AMD Opteron 4122	2942	1313	23.55	\$124.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4162 EE	3166	1239	NA	NA
AMD Opteron 4170 HE	3664	1103	62.11	\$59.00*
AMD Opteron 4184	4418	942	8.50	\$519.95*
AMD Opteron 4280	6430	637	128.60	\$50.00*
AMD Opteron 4284	6660	619	111.03	\$59.99*
AMD Opteron 4332 HE	5614	726	NA	NA
AMD Opteron 4334	6099	674	28.18	\$216.42*
AMD Opteron 4365 EE	5025	821	NA	NA
AMD Opteron 4386	6761	607	48.30	\$139.99*
AMD Opteron 6128	4505	923	30.24	\$149.00
AMD Opteron 6134	2938	1314	66.81	\$43.99*
AMD Opteron 6136	4631	895	42.10	\$110.00*
AMD Opteron 6164 HE	5351	765	NA	NA
AMD Opteron 6172	5261	776	53.14	\$99.00
AMD Opteron 6174	6171	664	62.34	\$99.00
AMD Opteron 6176 SE	5465	747	34.37	\$159.00
AMD Opteron 6212	5776	706	192.62	\$29.99*
AMD Opteron 6220	6785	602	113.11	\$59.99*
AMD Opteron 6234	5938	689	198.27	\$29.95*
AMD Opteron 6238	7673	520	21.32	\$359.89
AMD Opteron 6272	6748	609	36.29	\$185.99
AMD Opteron 6274	4865	852	20.36	\$239.00
AMD Opteron 6276	8889	410	48.58	\$182.98
AMD Opteron 6282 SE	9116	384	70.13	\$129.99*
AMD Opteron 6287 SE	9789	322	NA	NA
AMD Opteron 6328	7813	504	15.32	\$509.98
AMD Opteron 6366 HE	7503	531	37.52	\$199.99*
AMD Opteron 6376	9212	374	31.88	\$289.00
AMD Opteron 6378	9094	386	45.47	\$199.99*
AMD Opteron 6380	10081	296	32.73	\$308.00
AMD Opteron 6386 SE	10912	252	72.75	\$149.99*
AMD Opteron 8354	2255	1561	93.98	\$24.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 8439 SE	3813	1063	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1275	NA	NA
AMD Opteron X3216 APU	2366	1515	NA	NA
AMD Opteron X3418 APU	4659	887	NA	NA
AMD Opteron X3421 APU	4928	842	NA	NA
AMD Phenom 2 X4 12000	3005	1294	NA	NA
AMD Phenom 7950 Quad-Core	2991	1297	NA	NA
AMD Phenom 8250 Triple-Core	1668	1834	NA	NA
AMD Phenom 8250e Triple-Core	1619	1862	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1854	NA	NA
AMD Phenom 8450 Triple-Core	1888	1724	63.07	\$29.95*
AMD Phenom 8450e Triple-Core	2026	1652	NA	NA
AMD Phenom 8600 Triple-Core	1679	1825	31.69	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1699	36.33	\$52.99*
AMD Phenom 8650 Triple-Core	1989	1669	39.79	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1641	NA	NA
AMD Phenom 8750B Triple-Core	2034	1648	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8850 Triple-Core	1968	1679	NA	NA
AMD Phenom 8850B Triple-Core	2080	1632	NA	NA
AMD Phenom 9100e Quad-Core	1835	1749	45.96	\$39.95*
AMD Phenom 9150e Quad-Core	2113	1617	52.91	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1527	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1425	24.76	\$105.00*
AMD Phenom 9500 Quad-Core	2204	1582	76.03	\$28.99*
AMD Phenom 9550 Quad-Core	2543	1448	87.74	\$28.99*
AMD Phenom 9600 Quad-Core	2306	1535	46.18	\$49.95
AMD Phenom 9600B Quad-Core	2573	1437	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2636	1413	47.98	\$54.95*
AMD Phenom 9750 Quad-Core	2812	1360	95.36	\$29.49*
AMD Phenom 9750B Quad-Core	2709	1394	NA	NA
AMD Phenom 9850 Quad-Core	2892	1337	24.11	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1243	NA	NA
AMD Phenom 9950 Quad-Core	3010	1289	22.30	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1459	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1311	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1110	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1146	NA	NA
AMD Phenom II N620 Dual-Core	1681	1823	421.44	\$3.99*
AMD Phenom II N640 Dual-Core	1716	1801	26.42	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1738	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1409	NA	NA
AMD Phenom II N830 Triple-Core	1889	1722	NA	NA
AMD Phenom II N850 Triple-Core	1937	1693	77.51	\$25.00*
AMD Phenom II N870 Triple-Core	1993	1666	NA	NA
AMD Phenom II N930 Quad-Core	2274	1550	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1473	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2523	1455	16.83	\$149.99*
AMD Phenom II P650 Dual-Core	1597	1875	45.66	\$35.00*
AMD Phenom II P820 Triple-Core	1604	1870	NA	NA
AMD Phenom II P840 Triple-Core	1722	1796	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II P860 Triple-Core	1756	1777	NA	NA
AMD Phenom II P920 Quad-Core	1866	1731	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1756	NA	NA
AMD Phenom II P960 Quad-Core	2085	1631	74.48	\$28.00*
AMD Phenom II X2 511	2104	1622	NA	NA
AMD Phenom II X2 521	2071	1635	NA	NA
AMD Phenom II X2 545	1914	1706	43.52	\$43.98*
AMD Phenom II X2 550	2021	1653	40.44	\$49.99*
AMD Phenom II X2 555	2045	1645	73.10	\$27.98*
AMD Phenom II X2 560	2059	1639	31.70	\$64.99*
AMD Phenom II X2 565	2222	1576	74.12	\$29.99*
AMD Phenom II X2 570	2068	1636	NA	NA
AMD Phenom II X2 B53	1709	1807	NA	NA
AMD Phenom II X2 B55	1921	1701	40.02	\$48.00*
AMD Phenom II X2 B57	1826	1754	NA	NA
AMD Phenom II X2 B59	2118	1615	108.77	\$19.48*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 700e	2242	1567	NA	NA
AMD Phenom II X3 705e	2227	1573	14.63	\$152.34*
AMD Phenom II X3 710	2446	1483	28.94	\$84.53*
AMD Phenom II X3 715	2649	1411	31.17	\$84.99*
AMD Phenom II X3 720	2669	1404	38.14	\$69.99*
AMD Phenom II X3 740	2985	1298	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1389	36.47	\$75.00*
AMD Phenom II X3 B75	2906	1327	72.69	\$39.99*
AMD Phenom II X3 B77	3067	1272	137.64	\$22.29*
AMD Phenom II X4 805	2998	1295	17.23	\$173.99*
AMD Phenom II X4 810	3122	1255	26.92	\$115.99*
AMD Phenom II X4 820	3396	1169	45.31	\$74.95*
AMD Phenom II X4 830	3434	1160	42.95	\$79.95*
AMD Phenom II X4 840	3507	1140	39.00	\$89.95
AMD Phenom II X4 840T	3599	1115	51.43	\$69.99*
AMD Phenom II X4 850	3549	1129	54.62	\$64.99*
AMD Phenom II X4 900e	2882	1341	NA	NA
AMD Phenom II X4 905e	3078	1269	57.02	\$53.99*
AMD Phenom II X4 910	3252	1208	32.52	\$100.00*
AMD Phenom II X4 910e	3254	1206	20.73	\$156.99*
AMD Phenom II X4 920	3393	1172	42.42	\$79.99*
AMD Phenom II X4 925	3420	1162	77.76	\$43.99*
AMD Phenom II X4 940	3591	1118	60.52	\$59.34*
AMD Phenom II X4 945	3655	1106	53.67	\$68.11*
AMD Phenom II X4 955	3926	1040	30.16	\$130.16*
AMD Phenom II X4 960T	3782	1070	59.11	\$63.99*
AMD Phenom II X4 965	4183	987	49.76	\$84.07*
AMD Phenom II X4 970	4320	962	29.17	\$148.11*
AMD Phenom II X4 973	3759	1078	NA	NA
AMD Phenom II X4 975	4455	931	31.90	\$139.69*
AMD Phenom II X4 977	3750	1083	NA	NA
AMD Phenom II X4 980	4493	927	19.54	\$229.99*
AMD Phenom II X4 8700e	2377	1509	NA	NA
AMD Phenom II X4 B05e	2792	1365	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 B15e	2736	1388	NA	NA
AMD Phenom II X4 B25	3297	1198	NA	NA
AMD Phenom II X4 B35	3383	1175	NA	NA
AMD Phenom II X4 B40	3361	1180	NA	NA
AMD Phenom II X4 B45	3470	1152	NA	NA
AMD Phenom II X4 B50	3699	1094	NA	NA
AMD Phenom II X4 B55	3855	1050	NA	NA
AMD Phenom II X4 B60	4043	1010	NA	NA
AMD Phenom II X4 B65	4172	989	NA	NA
AMD Phenom II X4 B70	4261	971	NA	NA
AMD Phenom II X4 B93	3358	1183	NA	NA
AMD Phenom II X4 B95	3684	1101	50.51	\$72.95*
AMD Phenom II X4 B97	3865	1048	67.82	\$56.99*
AMD Phenom II X4 B99	4130	998	NA	NA
AMD Phenom II X6 1035T	4643	889	24.57	\$189.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1045T	4799	869	44.44	\$108.01*
AMD Phenom II X6 1055T	4958	837	61.80	\$80.24*
AMD Phenom II X6 1065T	5041	819	NA	NA
AMD Phenom II X6 1075T	5330	769	47.17	\$112.99*
AMD Phenom II X6 1090T	5566	731	14.05	\$396.08*
AMD Phenom II X6 1100T	5710	712	32.17	\$177.49*
AMD Phenom II X6 1405T	5042	818	NA	NA
AMD Phenom II X620 Dual-Core	2189	1588	NA	NA
AMD Phenom II X640 Dual-Core	2021	1654	NA	NA
AMD Phenom II X920 Quad-Core	2650	1410	NA	NA
AMD Phenom II X940 Quad-Core	2695	1397	NA	NA
AMD Phenom Ultra X4 24500	3945	1036	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1815	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1581	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1781	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2082	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1943	NA	NA
AMD Phenom X3 8550	1927	1697	11.34	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1775	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1665	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1571	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1336	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1393	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1399	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2065	NA	NA
AMD PRO A4-3350B APU	2274	1551	NA	NA
AMD PRO A4-8350B	2776	1371	NA	NA
AMD PRO A6-7350B	2759	1379	NA	NA
AMD PRO A6-8500B	2516	1460	NA	NA
AMD PRO A6-8530B	2388	1504	NA	NA
AMD PRO A6-8550B	2970	1305	NA	NA
AMD PRO A6-8570	3049	1281	NA	NA
AMD PRO A6-8570E	2824	1354	NA	NA
AMD PRO A6-9500	3207	1221	43.34	\$74.00*
AMD PRO A6-9500B	2076	1634	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A6-9500E	2760	1378	37.30	\$74.00*
AMD PRO A8-8600B	3521	1137	NA	NA
AMD PRO A8-8650B	5266	775	NA	NA
AMD PRO A8-8670E	5015	823	NA	NA
AMD PRO A8-9600	5277	774	44.35	\$119.00*
AMD PRO A8-9600B	3964	1031	NA	NA
AMD PRO A10-8700B	3551	1128	NA	NA
AMD PRO A10-8730B	3971	1027	NA	NA
AMD PRO A10-8750B	5473	741	NA	NA
AMD PRO A10-8770	5707	713	NA	NA
AMD PRO A10-8770E	5035	820	NA	NA
AMD PRO A10-8850B	5852	697	NA	NA
AMD PRO A10-9700	5677	718	33.59	\$169.00*
AMD PRO A10-9700B	4393	946	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A10-9700E	5066	811	36.45	\$139.00*
AMD PRO A12-8800B	4119	1001	NA	NA
AMD PRO A12-8830B	4325	960	NA	NA
AMD PRO A12-8870	6067	678	NA	NA
AMD PRO A12-8870E	5186	791	NA	NA
AMD PRO A12-9800	6132	669	36.29	\$169.00*
AMD PRO A12-9800B	4123	1000	NA	NA
AMD PRO A12-9800E	4769	872	28.22	\$169.00*
AMD QC-4000	1663	1839	NA	NA
AMD R-260H APU	1576	1882	NA	NA
AMD R-460L APU	1954	1685	NA	NA
AMD R-464L APU	3117	1257	NA	NA
AMD RX-427BB	4349	954	NA	NA
AMD Ryzen 3 1200	6732	612	103.59	\$64.99
AMD Ryzen 3 1300X	7502	532	72.47	\$103.52*
AMD Ryzen 3 2200G	7312	558	84.06	\$86.99
AMD Ryzen 3 2200GE	6778	604	NA	NA
AMD Ryzen 3 2200U	4561	909	NA	NA
AMD Ryzen 3 2300U	6151	666	NA	NA
AMD Ryzen 3 2300X	8518	439	NA	NA
AMD Ryzen 3 3200U	5112	799	NA	NA
AMD Ryzen 3 PRO 1200	7069	577	NA	NA
AMD Ryzen 3 PRO 1300	8022	485	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	798	NA	NA
AMD Ryzen 3 PRO 2200G	8042	483	NA	NA
AMD Ryzen 3 PRO 2200GE	7698	515	NA	NA
AMD Ryzen 3 PRO 2300U	7124	573	NA	NA
AMD Ryzen 3 PRO 3300U	7398	547	NA	NA
AMD Ryzen 5 1400	8368	450	58.62	\$142.76*
AMD Ryzen 5 1500X	10079	297	70.10	\$143.79*
AMD Ryzen 5 1600	12282	213	102.36	\$119.99
AMD Ryzen 5 1600X	13220	185	86.42	\$152.98
AMD Ryzen 5 2400G	9310	365	67.79	\$137.34
AMD Ryzen 5 2400GE	8698	424	NA	NA
AMD Ryzen 5 2500U	7339	554	NA	NA
AMD Ryzen 5 2500X	9663	336	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 2600	13524	180	90.17	\$149.99
AMD Ryzen 5 2600H	7949	492	NA	NA
AMD Ryzen 5 2600X	14377	149	77.72	\$184.99
AMD Ryzen 5 3500U	7874	494	NA	NA
AMD Ryzen 5 3550H	8525	438	NA	NA
AMD Ryzen 5 PRO 1500	10133	291	NA	NA
AMD Ryzen 5 PRO 1600	12213	215	NA	NA
AMD Ryzen 5 PRO 2400G	9892	313	NA	NA
AMD Ryzen 5 PRO 2400GE	8635	433	NA	NA
AMD Ryzen 5 PRO 2500U	8401	448	NA	NA
AMD Ryzen 5 PRO 2600	14221	154	NA	NA
AMD Ryzen 7 1700	13771	171	80.44	\$171.21*
AMD Ryzen 7 1700X	14676	142	81.63	\$179.79
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 1800X	15415	128	74.49	\$206.95
AMD Ryzen 7 2700	15041	134	71.63	\$209.99
AMD Ryzen 7 2700U	7359	551	NA	NA
AMD Ryzen 7 2700X	16982	91	59.59	\$284.99
AMD Ryzen 7 2800H	8498	440	NA	NA
AMD Ryzen 7 3700U	7415	544	NA	NA
AMD Ryzen 7 3750H	9100	385	NA	NA
AMD Ryzen 7 PRO 1700	14171	156	NA	NA
AMD Ryzen 7 PRO 1700X	15349	130	NA	NA
AMD Ryzen 7 PRO 2700	15897	119	NA	NA
AMD Ryzen 7 PRO 2700U	8876	412	NA	NA
AMD Ryzen 7 PRO 2700X	17161	89	NA	NA
AMD Ryzen 7 PRO 3700U	9146	378	NA	NA
AMD Ryzen Embedded V1202B	4368	950	NA	NA
AMD Ryzen Embedded V1605B	7454	537	NA	NA
AMD Ryzen Embedded V1807B	8354	451	NA	NA
AMD Ryzen Threadripper 1900X	16133	112	55.64	\$289.99
AMD Ryzen Threadripper 1920X	19646	61	46.78	\$419.99
AMD Ryzen Threadripper 1950X	21832	35	43.67	\$499.99
AMD Ryzen Threadripper 2920X	22082	30	35.05	\$629.99
AMD Ryzen Threadripper 2950X	25521	13	30.76	\$829.62
AMD Ryzen Threadripper 2970WX	21875	33	17.79	\$1,229.99*
AMD Ryzen Threadripper 2990WX	23273	24	14.39	\$1,617.11
AMD Ryzen Threadripper 2990X	19227	65	NA	NA
AMD Sempron 130	656	2370	26.29	\$24.99*
AMD Sempron 140	735	2331	18.58	\$39.59*
AMD Sempron 145	806	2303	8.49	\$94.92
AMD Sempron 150	707	2345	15.74	\$44.95*
AMD Sempron 200U	267	2734	3.08	\$87.00*
AMD Sempron 210U	391	2580	NA	NA
AMD Sempron 240	2110	1619	36.39	\$58.00
AMD Sempron 2100+	392	2578	NA	NA
AMD Sempron 2200+	281	2718	9.38	\$29.99*
AMD Sempron 2300+	318	2655	7.07	\$45.00*
AMD Sempron 2400+	314	2662	12.10	\$26.00
AMD Sempron 2500+	335	2638	6.11	\$54.95
AMD Sempron 2600+	373	2596	10.70	\$34.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2650 APU	944	2232	17.60	\$53.68
AMD Sempron 2800+	383	2584	6.40	\$59.95
AMD Sempron 3000+	408	2552	20.41	\$20.00
AMD Sempron 3100+	452	2505	7.53	\$60.00*
AMD Sempron 3200+	406	2553	3.10	\$131.22*
AMD Sempron 3300+	484	2474	8.07	\$60.00*
AMD Sempron 3400+	454	2503	3.47	\$131.22*
AMD Sempron 3500+	379	2587	18.98	\$20.00*
AMD Sempron 3600+	483	2476	40.30	\$12.00*
AMD Sempron 3800+	554	2422	3.62	\$152.92*
AMD Sempron 3850 APU	1711	1804	27.61	\$62.00*
AMD Sempron Dual Core 2100	936	2234	24.02	\$39.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron Dual Core 2200	995	2191	NA	NA
AMD Sempron Dual Core 2300	982	2200	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2226	NA	NA
AMD Sempron Dual Core 4900	1081	2143	NA	NA
AMD Sempron LE-250	490	2463	NA	NA
AMD Sempron LE-1100	438	2522	NA	NA
AMD Sempron LE-1150	444	2513	NA	NA
AMD Sempron LE-1200	528	2436	NA	NA
AMD Sempron LE-1250	541	2428	5.41	\$99.95*
AMD Sempron LE-1300	598	2398	27.22	\$22.00*
AMD Sempron LE-1600	535	2433	NA	NA
AMD Sempron LE-1620	635	2380	NA	NA
AMD Sempron LE-1640	759	2321	NA	NA
AMD Sempron M100	561	2418	46.80	\$12.00*
AMD Sempron M120	582	2406	NA	NA
AMD Sempron SI-40	443	2515	36.93	\$12.00*
AMD Sempron SI-42	456	2502	15.22	\$30.01*
AMD Sempron X2 180	1222	2059	17.62	\$69.40*
AMD Sempron X2 190	1512	1913	18.12	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1955	NA	NA
AMD Turion 64 Mobile MK-36	465	2489	NA	NA
AMD Turion 64 Mobile MK-38	513	2447	NA	NA
AMD Turion 64 Mobile ML-28	390	2581	NA	NA
AMD Turion 64 Mobile ML-30	402	2562	NA	NA
AMD Turion 64 Mobile ML-32	410	2547	NA	NA
AMD Turion 64 Mobile ML-34	425	2538	NA	NA
AMD Turion 64 Mobile ML-37	442	2516	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2441	NA	NA
AMD Turion 64 Mobile ML-42	615	2389	NA	NA
AMD Turion 64 Mobile ML-44	591	2400	NA	NA
AMD Turion 64 Mobile MT-28	419	2540	NA	NA
AMD Turion 64 Mobile MT-30	378	2588	NA	NA
AMD Turion 64 Mobile MT-32	426	2537	NA	NA
AMD Turion 64 Mobile MT-34	429	2533	NA	NA
AMD Turion 64 Mobile MT-37	484	2473	NA	NA
AMD Turion 64 Mobile MT-40	536	2431	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2327	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2317	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 X2 Mobile TL-56	891	2262	63.89	\$13.95
AMD Turion 64 X2 Mobile TL-58	946	2228	NA	NA
AMD Turion 64 X2 Mobile TL-60	995	2192	45.35	\$21.95*
AMD Turion 64 X2 Mobile TL-62	1087	2137	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1092	2135	27.72	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2109	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2095	12.92	\$90.00*
AMD Turion Dual-Core RM-70	912	2253	36.49	\$25.00
AMD Turion Dual-Core RM-72	860	2271	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2178	NA	NA
AMD Turion Dual-Core RM-75	977	2202	35.61	\$27.46*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II Dual-Core Mobile M500	1293	2015	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	2006	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1992	NA	NA
AMD Turion II N530 Dual-Core	1583	1881	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1902	NA	NA
AMD Turion II Neo K625 Dual-Core	975	2204	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2079	NA	NA
AMD Turion II Neo N40L Dual-Core	925	2242	NA	NA
AMD Turion II Neo N54L Dual-Core	1363	1975	NA	NA
AMD Turion II P520 Dual-Core	1359	1980	NA	NA
AMD Turion II P540 Dual-Core	1430	1946	28.63	\$49.95*
AMD Turion II P560 Dual-Core	1514	1912	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	1956	78.96	\$17.81*
AMD Turion II Ultra Dual-Core Mobile M620	1433	1945	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1833	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1897	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2299	NA	NA
AMD Turion X2 Dual Core L510	923	2244	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2273	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2152	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	993	2196	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2140	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2151	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1137	2111	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2104	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1017	2177	16.42	\$62.00
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2141	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2067	63.72	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2052	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	2013	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1232	2056	30.86	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2190	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2169	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1936	NA	NA
AMD V105	299	2682	NA	NA
AMD V120	623	2387	NA	NA
AMD V140	643	2377	12.88	\$49.95*
AMD V160	677	2361	NA	NA
AMD Z-01	523	2440	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Z-60 APU	500	2458	NA	NA
AMD-K6 3D	90	2858	NA	NA
AMD-K6-III	108	2855	NA	NA
AMD-K7	403	2560	NA	NA
Athlon 64 Dual Core 3800+	1234	2053	NA	NA
Athlon 64 Dual Core 4200+	1156	2099	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	1972	NA	NA
Athlon 64 Dual Core 5000+	1507	1914	NA	NA
Athlon 64 Dual Core 5400+	1614	1866	NA	NA
Athlon 64 Dual Core 5600+	1548	1891	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Athlon Dual Core 4050e	968	2209	NA	NA
Athlon Dual Core 4450e	1204	2069	NA	NA
Athlon Dual Core 4850e	1327	1997	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1348	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1085	2139	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1170	2090	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1201	2072	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	2030	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2068	NA	NA
HP Hexa-Core 2.0GHz	2178	1590	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2275	NA	NA
Intel 1400 @ 1.83GHz	980	2201	NA	NA
Intel 1500 @ 2.00GHz	1024	2171	NA	NA
Intel Atom 230 @ 1.60GHz	307	2669	NA	NA
Intel Atom 330 @ 1.60GHz	587	2404	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2261	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2216	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1629	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1559	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1592	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	1066	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1186	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1241	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1480	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1450	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	857	14.62	\$332.00*
Intel Atom D410 @ 1.66GHz	301	2678	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2630	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2369	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2346	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2558	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2359	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2341	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2284	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2338	NA	NA
Intel Atom E660 @ 1.30GHz	271	2730	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2627	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2643	1.58	\$209.99*
Intel Atom E3825 @ 1.33GHz	579	2409	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2464	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom E3827 @ 1.74GHz	849	2280	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2096	NA	NA
Intel Atom E3845 @ 1.91GHz	1501	1916	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1730	NA	NA
Intel Atom E3950 @ 1.60GHz	1855	1736	NA	NA
Intel Atom K510 @ 1.66GHz	658	2368	NA	NA
Intel Atom N270 @ 1.60GHz	270	2733	NA	NA
Intel Atom N280 @ 1.66GHz	283	2711	NA	NA
Intel Atom N435 @ 1.33GHz	261	2741	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N450 @ 1.66GHz	295	2690	NA	NA
Intel Atom N455 @ 1.66GHz	283	2709	NA	NA
Intel Atom N470 @ 1.83GHz	318	2654	NA	NA
Intel Atom N475 @ 1.83GHz	314	2660	NA	NA
Intel Atom N550 @ 1.50GHz	524	2439	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	572	2414	6.66	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2674	NA	NA
Intel Atom N2600 @ 1.60GHz	525	2438	NA	NA
Intel Atom N2800 @ 1.86GHz	624	2385	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2249	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1646	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2300	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1623	1861	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1194	2075	8.98	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1018	2176	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1267	2035	60.37	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1692	1820	27.06	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1837	1748	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1893	1717	25.72	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1889	1723	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2809	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2785	NA	NA
Intel Atom Z520 @ 1.33GHz	216	2788	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2717	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2624	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2585	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2765	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2417	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2250	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2239	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2257	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2258	NA	NA
Intel Atom Z3736F @ 1.33GHz	919	2248	NA	NA
Intel Atom Z3740 @ 1.33GHz	1061	2150	NA	NA
Intel Atom Z3740D @ 1.33GHz	1025	2170	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2146	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1034	2164	NA	NA
Intel Atom Z3770 @ 1.46GHz	1245	2050	8.34	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2304	NA	NA
Intel Atom Z3775 @ 1.46GHz	1259	2038	35.98	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2029	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3795 @ 1.60GHz	1772	1771	NA	NA
Intel Celeron 1.70GHz	130	2848	NA	NA
Intel Celeron 1.80GHz	136	2845	NA	NA
Intel Celeron 2.00GHz	182	2821	NA	NA
Intel Celeron 2.10GHz	244	2763	NA	NA
Intel Celeron 2.13GHz	208	2796	NA	NA
Intel Celeron 2.20GHz	213	2791	NA	NA
Intel Celeron 2.26GHz	223	2780	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.30GHz	227	2777	NA	NA
Intel Celeron 2.40GHz	217	2786	NA	NA
Intel Celeron 2.50GHz	247	2757	NA	NA
Intel Celeron 2.53GHz	245	2761	NA	NA
Intel Celeron 2.60GHz	238	2768	NA	NA
Intel Celeron 2.66GHz	250	2754	NA	NA
Intel Celeron 2.70GHz	245	2762	NA	NA
Intel Celeron 2.80GHz	254	2747	NA	NA
Intel Celeron 2.93GHz	283	2710	NA	NA
Intel Celeron 3.06GHz	284	2706	NA	NA
Intel Celeron 3.20GHz	288	2699	NA	NA
Intel Celeron 3.33GHz	333	2641	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2649	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2651	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2507	11.27	\$39.99*
Intel Celeron 430 @ 1.80GHz	488	2465	29.60	\$16.52
Intel Celeron 440 @ 2.00GHz	548	2423	9.14	\$59.99
Intel Celeron 450 @ 2.20GHz	624	2386	20.82	\$29.99*
Intel Celeron 530 @ 1.73GHz	470	2485	20.47	\$22.99
Intel Celeron 540 @ 1.86GHz	521	2442	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2444	7.96	\$64.95*
Intel Celeron 560 @ 2.13GHz	535	2432	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2443	NA	NA
Intel Celeron 600MHz	147	2841	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2556	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2532	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2325	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2602	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2390	NA	NA
Intel Celeron 847 @ 1.10GHz	934	2235	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2174	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2107	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2088	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	2019	NA	NA
Intel Celeron 887 @ 1.50GHz	1278	2028	NA	NA
Intel Celeron 900 @ 2.20GHz	677	2362	12.61	\$53.75
Intel Celeron 925 @ 2.30GHz	688	2354	NA	NA
Intel Celeron 1000M @ 1.80GHz	1676	1827	NA	NA
Intel Celeron 1000MHz	213	2790	NA	NA
Intel Celeron 1005M @ 1.90GHz	1811	1758	NA	NA
Intel Celeron 1007U @ 1.50GHz	1389	1962	7.51	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1521	1901	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1019Y @ 1.00GHz	946	2229	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1572	NA	NA
Intel Celeron 1037U @ 1.80GHz	1736	1791	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2078	NA	NA
Intel Celeron 1066MHz	259	2743	NA	NA
Intel Celeron 1100MHz	174	2827	NA	NA
Intel Celeron 1133MHz	282	2712	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1200MHz	244	2764	NA	NA
Intel Celeron 1300MHz	288	2701	NA	NA
Intel Celeron 1333MHz	290	2695	NA	NA
Intel Celeron 1400MHz	302	2675	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1517	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1868	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1974	1675	NA	NA
Intel Celeron 2955U @ 1.40GHz	1420	1951	NA	NA
Intel Celeron 2957U @ 1.40GHz	1434	1944	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2120	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1532	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1878	NA	NA
Intel Celeron 2981U @ 1.60GHz	1522	1900	NA	NA
Intel Celeron 3205U @ 1.50GHz	1497	1920	5.22	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1635	1853	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1812	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1668	NA	NA
Intel Celeron 3855U @ 1.60GHz	1673	1829	NA	NA
Intel Celeron 3865U @ 1.80GHz	1914	1705	NA	NA
Intel Celeron 3867U @ 1.80GHz	1999	1664	18.69	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1913	1707	NA	NA
Intel Celeron 3965U @ 2.20GHz	2346	1520	21.93	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1629	1857	15.23	\$107.00*
Intel Celeron 4205U @ 1.80GHz	1953	1686	18.25	\$107.00*
Intel Celeron @ 1.30GHz	965	2210	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2815	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2297	NA	NA
Intel Celeron B800 @ 1.50GHz	1274	2031	NA	NA
Intel Celeron B810 @ 1.60GHz	1425	1948	NA	NA
Intel Celeron B815 @ 1.60GHz	1366	1974	NA	NA
Intel Celeron B820 @ 1.70GHz	1429	1947	36.38	\$39.29*
Intel Celeron B830 @ 1.80GHz	1515	1911	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1798	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2732	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2676	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2657	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2637	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2557	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2477	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2405	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2274	7.80	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1046	2158	11.64	\$89.95*
Intel Celeron E1500 @ 2.20GHz	1180	2083	60.07	\$19.65



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron E1600 @ 2.40GHz	1255	2040	NA	NA
Intel Celeron E3200 @ 2.40GHz	1383	1966	26.62	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1386	1964	21.33	\$64.99
Intel Celeron E3400 @ 2.60GHz	1439	1942	29.90	\$48.15*
Intel Celeron E3500 @ 2.70GHz	1454	1935	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	694	2351	13.90	\$49.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G460 @ 1.80GHz	1029	2166	15.84	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2149	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2012	NA	NA
Intel Celeron G530 @ 2.40GHz	2131	1607	53.31	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1800	NA	NA
Intel Celeron G540 @ 2.50GHz	2195	1586	48.79	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1616	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1541	114.56	\$19.99*
Intel Celeron G550T @ 2.20GHz	2063	1638	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1491	60.57	\$40.00*
Intel Celeron G1101 @ 2.27GHz	1667	1836	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2489	1470	8.30	\$299.95
Intel Celeron G1610T @ 2.30GHz	2286	1543	57.12	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2577	1434	16.78	\$153.59*
Intel Celeron G1620T @ 2.40GHz	2353	1519	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1468	35.63	\$69.99
Intel Celeron G1820 @ 2.70GHz	2754	1382	30.61	\$89.99*
Intel Celeron G1820T @ 2.40GHz	2496	1467	59.44	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1605	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1447	26.80	\$94.95*
Intel Celeron G1840 @ 2.80GHz	2859	1345	29.66	\$96.39
Intel Celeron G1840T @ 2.50GHz	2605	1424	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1326	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3147	1249	40.54	\$77.64
Intel Celeron G3900E @ 2.40GHz	2679	1402	NA	NA
Intel Celeron G3900T @ 2.60GHz	2919	1322	25.96	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1429	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1254	22.31	\$139.99
Intel Celeron G3930 @ 2.90GHz	3037	1283	59.36	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1373	32.17	\$85.99*
Intel Celeron G3950 @ 3.00GHz	3049	1280	42.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3270	1202	47.40	\$68.99*
Intel Celeron G4900T @ 2.90GHz	3096	1262	NA	NA
Intel Celeron G4920 @ 3.20GHz	3192	1228	41.74	\$76.50*
Intel Celeron J1750 @ 2.41GHz	1037	2163	NA	NA
Intel Celeron J1800 @ 2.41GHz	1028	2168	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1863	NA	NA
Intel Celeron J1900 @ 1.99GHz	1841	1744	NA	NA
Intel Celeron J3060 @ 1.60GHz	974	2205	NA	NA
Intel Celeron J3160 @ 1.60GHz	1791	1764	NA	NA
Intel Celeron J3355 @ 2.00GHz	1194	2074	NA	NA
Intel Celeron J3455 @ 1.50GHz	2123	1613	5.74	\$369.99*
Intel Celeron J4005 @ 2.00GHz	1541	1894	10.97	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2624	1416	24.52	\$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	2797	16.60	\$12.49
Intel Celeron M 1.30GHz	316	2656	NA	NA
Intel Celeron M 1.50GHz	343	2632	NA	NA
Intel Celeron M 1.60GHz	364	2611	NA	NA
Intel Celeron M 1.70GHz	393	2577	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 360 1.40GHz	328	2645	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2658	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2634	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2604	NA	NA
Intel Celeron M 440 @ 1.86GHz	397	2568	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2749	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2508	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2530	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2493	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2427	NA	NA
Intel Celeron M 600MHz	151	2839	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2501	NA	NA
Intel Celeron M 900MHz	204	2799	NA	NA
Intel Celeron M 1200MHz	275	2727	NA	NA
Intel Celeron M 1300MHz	303	2672	NA	NA
Intel Celeron M 1500MHz	333	2642	NA	NA
Intel Celeron M ULV 800MHz	184	2819	NA	NA
Intel Celeron N2805 @ 1.46GHz	461	2498	NA	NA
Intel Celeron N2806 @ 1.60GHz	791	2309	NA	NA
Intel Celeron N2807 @ 1.58GHz	853	2277	NA	NA
Intel Celeron N2808 @ 1.58GHz	913	2251	NA	NA
Intel Celeron N2810 @ 2.00GHz	787	2310	5.62	\$139.99*
Intel Celeron N2815 @ 1.86GHz	852	2279	NA	NA
Intel Celeron N2820 @ 2.13GHz	925	2240	4.41	\$209.99*
Intel Celeron N2830 @ 2.16GHz	954	2222	NA	NA
Intel Celeron N2840 @ 2.16GHz	1003	2183	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2071	NA	NA
Intel Celeron N2920 @ 1.86GHz	1500	1917	NA	NA
Intel Celeron N2930 @ 1.83GHz	1628	1858	NA	NA
Intel Celeron N2940 @ 1.83GHz	1731	1792	NA	NA
Intel Celeron N3000 @ 1.04GHz	909	2255	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2211	NA	NA
Intel Celeron N3050 @ 1.60GHz	878	2264	5.73	\$153.22
Intel Celeron N3060 @ 1.60GHz	990	2198	NA	NA
Intel Celeron N3150 @ 1.60GHz	1656	1842	NA	NA
Intel Celeron N3160 @ 1.60GHz	1664	1837	5.37	\$309.88*
Intel Celeron N3350 @ 1.10GHz	1106	2126	NA	NA
Intel Celeron N3450 @ 1.10GHz	1842	1743	5.87	\$313.99
Intel Celeron N4000 @ 1.10GHz	1440	1941	13.46	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2334	1523	21.82	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1119	2113	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2194	NA	NA
Intel Celeron P4600 @ 2.00GHz	1344	1987	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2314	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2225	47.53	\$19.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron T1700 @ 1.83GHz	1058	2153	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1811	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2336	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2356	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron U3600 @ 1.20GHz	809	2302	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2156	87.74	\$11.99*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2098	23.15	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1270	2033	211.81	\$6.00*
Intel Core2 Duo E4600 @ 2.40GHz	1384	1965	8.76	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	1926	54.88	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1109	2122	85.39	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2080	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1289	2020	43.06	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1360	1978	27.21	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1458	1933	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1919	100.25	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1553	1890	103.66	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1819	56.47	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1715	1802	166.54	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1947	1688	38.96	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1630	1856	33.27	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1725	1795	43.28	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1771	1772	61.12	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1727	125.05	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1966	1680	16.40	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1520	1904	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1746	1782	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1883	1726	37.68	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1684	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1518	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1991	1667	99.61	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1739	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1610	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2149	1600	47.82	\$44.95
Intel Core2 Duo E8435 @ 3.06GHz	2127	1612	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2282	1547	57.07	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2401	1500	56.58	\$42.45
Intel Core2 Duo E8700 @ 3.50GHz	2212	1580	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2319	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2357	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2293	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2281	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	958	2219	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2206	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2114	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1074	2148	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1335	1993	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	2017	64.59	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	2011	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1417	1953	35.44	\$39.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P7500 @ 1.60GHz	945	2231	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1907	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1452	1937	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P7700 @ 1.80GHz	1021	2173	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1455	1934	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1535	1896	31.23	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1860	42.76	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1787	30.57	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1887	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1753	1779	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1745	1783	17.63	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1863	1733	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2015	1657	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2403	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2045	4.95	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1674	1828	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	928	2238	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	832	2288	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	838	2287	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2298	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	932	2236	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2252	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2256	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2245	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1044	2160	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2167	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2195	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1094	2134	109.57	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1114	2117	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1197	2073	75.33	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1150	2103	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2066	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2058	81.80	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1286	2023	85.82	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1257	2039	32.67	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1361	1977	72.04	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1359	1979	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1018	2175	46.32	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	2092	11.69	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1115	2115	5.54	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1192	2076	38.48	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1248	2048	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1271	2032	29.57	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1381	1968	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1423	1950	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1594	1876	2.62	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1296	2014	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1472	1928	13.51	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1673	1830	28.86	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1739	1788	24.87	\$69.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T9500 @ 2.60GHz	1797	1762	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1805	1760	6.04	\$298.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T9600 @ 2.80GHz	1927	1696	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2020	1655	4.77	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2131	1606	5.34	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	874	2267	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2401	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2364	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2350	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2272	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1128	2112	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1821	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1105	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3634	1109	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1155	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1873	1729	7.11	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1761	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1995	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1822	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1898	1714	4.63	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2063	1637	2.42	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4157	992	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	924	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	898	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	888	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2949	1310	73.78	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3283	1201	72.98	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2811	1361	122.30	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2980	1299	59.62	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3162	1242	13.18	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2524	1453	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1212	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3159	1244	15.84	\$199.50
Intel Core2 Quad Q9400 @ 2.66GHz	3340	1189	69.58	\$48.01*
Intel Core2 Quad Q9450 @ 2.66GHz	3757	1080	105.26	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3533	1135	101.00	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3556	1126	18.72	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3963	1032	89.09	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4161	991	37.83	\$110.00
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1034	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2615	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2665	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2542	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	464	2490	NA	NA
Intel Core 330 @ 1.60GHz	643	2376	NA	NA
Intel Core 860 @ 2.80GHz	4555	910	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2339	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2342	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2326	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2353	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2250 @ 1.73GHz	756	2322	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2300 @ 1.66GHz	727	2334	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2318	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2305	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2292	NA	NA
Intel Core Duo T2500 @ 2.00GHz	867	2269	7.23	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2233	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2172	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2425	NA	NA
Intel Core Duo U2500 @ 1.20GHz	511	2450	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1694	NA	NA
Intel Core i3-330M @ 2.13GHz	1786	1767	11.17	\$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2147	NA	NA
Intel Core i3-350M @ 2.27GHz	1891	1719	17.37	\$108.95
Intel Core i3-370M @ 2.40GHz	2014	1658	50.42	\$39.96*
Intel Core i3-380M @ 2.53GHz	2092	1626	9.97	\$209.95
Intel Core i3-380UM @ 1.33GHz	1160	2097	NA	NA
Intel Core i3-390M @ 2.67GHz	2183	1589	56.06	\$38.95*
Intel Core i3-530 @ 2.93GHz	2567	1440	13.59	\$189.00
Intel Core i3-540 @ 3.07GHz	2688	1400	18.54	\$144.98*
Intel Core i3-550 @ 3.20GHz	2829	1351	15.90	\$177.95
Intel Core i3-560 @ 3.33GHz	2934	1315	16.31	\$179.95
Intel Core i3-2100 @ 3.10GHz	3689	1099	17.66	\$208.95
Intel Core i3-2100T @ 2.50GHz	2962	1308	49.39	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1086	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3710	1091	32.27	\$114.99*
Intel Core i3-2120 @ 3.30GHz	3929	1039	39.98	\$98.29
Intel Core i3-2120T @ 2.60GHz	3164	1240	19.78	\$160.00*
Intel Core i3-2125 @ 3.30GHz	4003	1019	19.34	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4068	1008	58.13	\$69.99*
Intel Core i3-2140 @ 3.50GHz	4325	961	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1347	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2431	1487	62.66	\$38.81
Intel Core i3-2312M @ 2.10GHz	2374	1510	NA	NA
Intel Core i3-2328M @ 2.20GHz	2543	1449	27.36	\$92.97
Intel Core i3-2330E @ 2.20GHz	3073	1270	NA	NA
Intel Core i3-2330M @ 2.20GHz	2524	1452	14.83	\$170.20
Intel Core i3-2332M @ 2.20GHz	2382	1507	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1797	NA	NA
Intel Core i3-2348M @ 2.30GHz	2618	1418	NA	NA
Intel Core i3-2350M @ 2.30GHz	2627	1415	18.77	\$139.95
Intel Core i3-2357M @ 1.30GHz	1556	1889	NA	NA
Intel Core i3-2365M @ 1.40GHz	1676	1826	NA	NA
Intel Core i3-2367M @ 1.40GHz	1707	1809	NA	NA
Intel Core i3-2370M @ 2.40GHz	2776	1370	69.75	\$39.81*
Intel Core i3-2375M @ 1.50GHz	1774	1770	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1753	NA	NA
Intel Core i3-3110M @ 2.40GHz	3082	1268	38.55	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3222	1217	29.29	\$110.00*
Intel Core i3-3130M @ 2.60GHz	3390	1173	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3210 @ 3.20GHz	4039	1011	13.76	\$293.59
Intel Core i3-3217U @ 1.80GHz	2303	1537	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1596	NA	NA
Intel Core i3-3220 @ 3.30GHz	4243	975	53.57	\$79.21
Intel Core i3-3220T @ 2.80GHz	3692	1097	13.48	\$273.95*
Intel Core i3-3225 @ 3.30GHz	4343	956	36.50	\$119.00
Intel Core i3-3227U @ 1.90GHz	2466	1477	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1814	NA	NA
Intel Core i3-3240 @ 3.40GHz	4316	964	21.58	\$199.99
Intel Core i3-3240T @ 2.90GHz	3653	1107	NA	NA
Intel Core i3-3245 @ 3.40GHz	4437	935	24.79	\$179.01
Intel Core i3-3250 @ 3.50GHz	4447	932	46.82	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1111	NA	NA
Intel Core i3-4000M @ 2.40GHz	3252	1207	16.27	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2443	1484	NA	NA
Intel Core i3-4010U @ 1.70GHz	2439	1485	8.44	\$289.00*
Intel Core i3-4010Y @ 1.30GHz	1900	1713	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2163	1595	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2213	1579	NA	NA
Intel Core i3-4025U @ 1.90GHz	2787	1368	NA	NA
Intel Core i3-4030U @ 1.90GHz	2717	1392	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1463	NA	NA
Intel Core i3-4100M @ 2.50GHz	3426	1161	15.68	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	1045	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1334	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1279	NA	NA
Intel Core i3-4130 @ 3.40GHz	4805	864	26.23	\$183.23
Intel Core i3-4130T @ 2.90GHz	4142	995	46.55	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4898	847	30.62	\$159.99
Intel Core i3-4150T @ 3.00GHz	4232	977	18.40	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1323	NA	NA
Intel Core i3-4160 @ 3.60GHz	5050	814	46.34	\$109.00*
Intel Core i3-4160T @ 3.10GHz	4438	934	29.59	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5190	790	33.48	\$155.00
Intel Core i3-4170T @ 3.20GHz	4549	913	21.67	\$209.95
Intel Core i3-4330 @ 3.50GHz	5083	803	24.30	\$209.16
Intel Core i3-4330T @ 3.00GHz	4485	928	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1223	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	781	27.60	\$189.99
Intel Core i3-4350 @ 3.60GHz	4990	828	29.36	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	966	NA	NA
Intel Core i3-4360 @ 3.70GHz	5462	748	19.51	\$279.95
Intel Core i3-4360T @ 3.20GHz	4636	893	NA	NA
Intel Core i3-4370 @ 3.80GHz	5613	727	18.17	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4870	849	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	840	NA	NA
Intel Core i3-5005U @ 2.00GHz	2906	1329	NA	NA
Intel Core i3-5010U @ 2.10GHz	3055	1276	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	3007	1292	NA	NA
CPU Name				

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-5020U @ 2.20GHz	3195	1226	6.96	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3663	1104	NA	NA
Intel Core i3-6006U @ 2.00GHz	3085	1265	NA	NA
Intel Core i3-6098P @ 3.60GHz	5424	751	40.56	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5484	740	39.18	\$139.99
Intel Core i3-6100E @ 2.70GHz	3769	1074	NA	NA
Intel Core i3-6100H @ 2.70GHz	4249	973	NA	NA
Intel Core i3-6100T @ 3.20GHz	4854	855	35.96	\$134.99
Intel Core i3-6100TE @ 2.70GHz	4304	965	NA	NA
Intel Core i3-6100U @ 2.30GHz	3602	1114	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	1056	NA	NA
Intel Core i3-6300 @ 3.80GHz	5848	699	25.45	\$229.77*
Intel Core i3-6300T @ 3.30GHz	5255	778	33.91	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6047	680	20.23	\$298.99*
Intel Core i3-7020U @ 2.30GHz	3507	1141	12.48	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5785	705	35.83	\$161.49*
Intel Core i3-7100H @ 3.00GHz	4667	884	20.75	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5044	817	13.97	\$361.00*
Intel Core i3-7100U @ 2.40GHz	3774	1073	9.92	\$380.64*
Intel Core i3-7101TE @ 3.40GHz	5196	786	44.42	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4069	1007	14.48	\$281.00*
Intel Core i3-7167U @ 2.80GHz	4757	874	NA	NA
Intel Core i3-7300 @ 4.00GHz	6360	649	37.02	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	760	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6413	641	35.10	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6623	623	41.94	\$157.95*
Intel Core i3-8100 @ 3.60GHz	8044	482	61.89	\$129.99
Intel Core i3-8100B @ 3.60GHz	8453	442	63.56	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7392	548	53.19	\$139.00*
Intel Core i3-8109U @ 3.00GHz	6178	662	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	868	NA	NA
Intel Core i3-8130U @ 2.20GHz	5056	813	18.00	\$281.00*
Intel Core i3-8145U @ 2.10GHz	4819	859	17.15	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8676	429	50.04	\$173.39
Intel Core i3-8300T @ 3.20GHz	8032	484	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9219	373	49.84	\$184.99
Intel Core i3-9100F @ 3.60GHz	8146	469	70.84	\$114.99
Intel Core i3-21050 @ 3.10GHz	3862	1049	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1585	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1472	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3599	1116	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3810	1065	NA	NA
Intel Core i5-24#0M @ 2.40GHz	3776	1072	NA	NA
Intel Core i5-430M @ 2.27GHz	2097	1624	14.99	\$139.95
Intel Core i5-430UM @ 1.20GHz	1341	1990	NA	NA
Intel Core i5-450M @ 2.40GHz	2127	1611	66.59	\$31.95*
Intel Core i5-460M @ 2.53GHz	2323	1525	31.01	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	2144	NA	NA
Intel Core i5-480M @ 2.67GHz	2402	1498	29.81	\$80.60*
CPU Name				



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-520 @ 2.40GHz	2244	1566	NA	NA
Intel Core i5-520M @ 2.40GHz	2370	1513	39.52	\$59.99
Intel Core i5-520UM @ 1.07GHz	1356	1982	NA	NA
Intel Core i5-540M @ 2.53GHz	2454	1481	12.92	\$189.95
Intel Core i5-540UM @ 1.20GHz	1375	1971	NA	NA
Intel Core i5-560M @ 2.67GHz	2578	1433	42.97	\$60.00*
Intel Core i5-560UM @ 1.33GHz	1664	1838	NA	NA
Intel Core i5-580M @ 2.67GHz	2595	1426	23.61	\$109.95*
Intel Core i5-650 @ 3.20GHz	3098	1261	56.31	\$55.02
Intel Core i5-655K @ 3.20GHz	3395	1171	56.60	\$59.99*
Intel Core i5-660 @ 3.33GHz	3254	1205	9.30	\$349.95
Intel Core i5-661 @ 3.33GHz	3186	1229	31.86	\$99.99*
Intel Core i5-670 @ 3.47GHz	3313	1194	36.83	\$89.99*
Intel Core i5-680 @ 3.60GHz	3509	1139	38.99	\$89.99*
Intel Core i5-750 @ 2.67GHz	3691	1098	39.89	\$92.55*
Intel Core i5-760 @ 2.80GHz	3886	1044	16.90	\$229.95
Intel Core i5-2300 @ 2.80GHz	5359	762	67.01	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5539	735	29.73	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5766	708	36.04	\$160.00*
Intel Core i5-2380P @ 3.10GHz	5749	710	31.94	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4226	978	42.31	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5967	684	80.65	\$74.00
Intel Core i5-2400S @ 2.50GHz	4982	831	33.22	\$149.99
Intel Core i5-2405S @ 2.50GHz	5082	805	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3167	1237	40.57	\$78.07
Intel Core i5-2415M @ 2.30GHz	3299	1197	NA	NA
Intel Core i5-2430M @ 2.40GHz	3285	1200	36.87	\$89.11
Intel Core i5-2435M @ 2.40GHz	3224	1216	NA	NA
Intel Core i5-2450M @ 2.50GHz	3401	1166	38.65	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6132	670	68.14	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2320	1528	NA	NA
Intel Core i5-2500 @ 3.30GHz	6340	650	111.24	\$57.00
Intel Core i5-2500K @ 3.30GHz	6478	633	14.92	\$434.26
Intel Core i5-2500S @ 2.70GHz	5355	763	71.42	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4639	890	NA	NA
Intel Core i5-2510E @ 2.50GHz	3483	1148	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1195	NA	NA
Intel Core i5-2520M @ 2.50GHz	3594	1117	21.19	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2094	1625	NA	NA
Intel Core i5-2540M @ 2.60GHz	3784	1069	65.24	\$58.02*
Intel Core i5-2550K @ 3.40GHz	6668	618	51.30	\$129.99*
Intel Core i5-2557M @ 1.70GHz	2693	1398	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1082	NA	NA
Intel Core i5-3210M @ 2.50GHz	3827	1059	51.70	\$74.02*
Intel Core i5-3230M @ 2.60GHz	3940	1038	17.37	\$226.77
Intel Core i5-3317U @ 1.70GHz	3090	1263	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4125	999	39.63	\$104.10*
Intel Core i5-3330 @ 3.00GHz	5944	687	20.96	\$283.67*
Intel Core i5-3330S @ 2.70GHz	5681	716	59.81	\$94.99*
CPU Name				

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Intel Core i5-3335S @ 2.70GHz	5788	704	NA	NA
Intel Core i5-3337U @ 1.80GHz	3227	1214	14.35	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1578	NA	NA
Intel Core i5-3340 @ 3.10GHz	6088	676	20.78	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4244	974	53.10	\$79.95
Intel Core i5-3340S @ 2.80GHz	5846	700	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6148	667	40.99	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4436	937	47.81	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4437	936	NA	NA
Intel Core i5-3427U @ 1.80GHz	3549	1130	8.45	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3635	1108	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1319	NA	NA
Intel Core i5-3450 @ 3.10GHz	6538	629	25.78	\$253.59*
Intel Core i5-3450S @ 2.80GHz	6223	657	41.49	\$150.00
Intel Core i5-3470 @ 3.20GHz	6715	614	44.27	\$151.69
Intel Core i5-3470S @ 2.90GHz	6370	647	43.94	\$144.99
Intel Core i5-3470T @ 2.90GHz	4475	929	14.49	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6609	624	46.06	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6958	586	46.39	\$149.99*
Intel Core i5-3550S @ 3.00GHz	6905	594	20.93	\$329.95*
Intel Core i5-3570 @ 3.40GHz	7129	572	44.56	\$159.99
Intel Core i5-3570K @ 3.40GHz	7175	568	17.94	\$399.99*
Intel Core i5-3570S @ 3.10GHz	6746	610	23.67	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5901	691	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3898	1043	NA	NA
Intel Core i5-4200H @ 2.80GHz	4446	933	NA	NA
Intel Core i5-4200M @ 2.50GHz	4034	1012	49.74	\$81.12
Intel Core i5-4200U @ 1.60GHz	3293	1199	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1497	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2265	1557	NA	NA
Intel Core i5-4210H @ 2.90GHz	4530	920	NA	NA
Intel Core i5-4210M @ 2.60GHz	4197	983	13.54	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3404	1165	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2378	1508	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1534	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1333	NA	NA
Intel Core i5-4250U @ 1.30GHz	3452	1156	9.62	\$359.00*
Intel Core i5-4258U @ 2.40GHz	4082	1005	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1124	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	951	NA	NA
Intel Core i5-4288U @ 2.60GHz	4301	967	NA	NA
Intel Core i5-4300M @ 2.60GHz	4431	939	NA	NA
Intel Core i5-4300U @ 1.90GHz	3742	1085	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2499	1466	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1303	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	980	NA	NA
Intel Core i5-4310M @ 2.70GHz	4636	891	NA	NA
Intel Core i5-4310U @ 2.00GHz	3759	1079	NA	NA
Intel Core i5-4330M @ 2.80GHz	4547	915	16.54	\$274.99*
CPU Name				

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Intel Core i5-4340M @ 2.90GHz	4853	856	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1112	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	914	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1035	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1363	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6336	651	39.60	\$159.99*
Intel Core i5-4430S @ 2.70GHz	5958	686	37.24	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6511	631	13.10	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6240	656	13.48	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6716	613	35.35	\$189.99
Intel Core i5-4460S @ 2.90GHz	6414	640	9.72	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4962	835	NA	NA
Intel Core i5-4570 @ 3.20GHz	7147	569	51.06	\$139.99
Intel Core i5-4570R @ 2.70GHz	6756	608	NA	NA
Intel Core i5-4570S @ 2.90GHz	6818	600	33.26	\$205.04*
Intel Core i5-4570T @ 2.90GHz	4812	861	22.92	\$209.95
Intel Core i5-4570TE @ 2.70GHz	3827	1058	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7331	556	49.20	\$149.00
Intel Core i5-4590S @ 3.00GHz	7062	578	29.29	\$241.16
Intel Core i5-4590T @ 2.00GHz	5621	724	26.77	\$209.95
Intel Core i5-4670 @ 3.40GHz	7458	536	19.63	\$379.95*
Intel Core i5-4670K @ 3.40GHz	7633	523	22.20	\$343.81*
Intel Core i5-4670K CPT @ 3.40GHz	7411	545	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	542	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7353	552	34.52	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6168	665	23.81	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7678	519	27.52	\$279.00*
Intel Core i5-4690K @ 3.50GHz	7796	506	30.10	\$259.01
Intel Core i5-4690S @ 3.20GHz	7424	541	26.42	\$281.06
Intel Core i5-4690T @ 2.50GHz	6478	634	NA	NA
Intel Core i5-5200U @ 2.20GHz	3486	1147	NA	NA
Intel Core i5-5250U @ 1.60GHz	3583	1119	8.11	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4409	943	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	881	NA	NA
Intel Core i5-5300U @ 2.30GHz	3819	1061	7.41	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3512	1138	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	533	NA	NA
Intel Core i5-5675C @ 3.10GHz	8191	464	26.43	\$309.95
Intel Core i5-5675R @ 3.10GHz	8054	481	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4147	994	NA	NA
Intel Core i5-6200U @ 2.30GHz	4020	1014	NA	NA
Intel Core i5-6260U @ 1.80GHz	4362	952	8.41	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4962	836	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	875	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6087	677	NA	NA
Intel Core i5-6300U @ 2.40GHz	4371	948	NA	NA
Intel Core i5-6360U @ 2.00GHz	4880	848	NA	NA
Intel Core i5-6400 @ 2.70GHz	6766	605	35.80	\$189.00*
Intel Core i5-6400T @ 2.20GHz	5616	725	21.60	\$259.95*
CPU Name				

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Intel Core i5-6402P @ 2.80GHz	7119	574	37.47	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	658	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6798	601	NA	NA
Intel Core i5-6500 @ 3.20GHz	7249	561	36.43	\$199.00
Intel Core i5-6500T @ 2.50GHz	6289	653	41.93	\$149.99
Intel Core i5-6500TE @ 2.30GHz	6579	626	31.33	\$209.99*
Intel Core i5-6600 @ 3.30GHz	7772	509	29.90	\$259.94*
Intel Core i5-6600K @ 3.50GHz	8063	478	30.65	\$263.11
Intel Core i5-6600T @ 2.70GHz	7342	553	24.48	\$299.95*
Intel Core i5-7200U @ 2.50GHz	4608	901	NA	NA
Intel Core i5-7260U @ 2.20GHz	5672	719	7.28	\$779.00*
Intel Core i5-7267U @ 3.10GHz	4976	832	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	723	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6785	603	NA	NA
Intel Core i5-7300U @ 2.60GHz	5191	789	8.51	\$609.95*
Intel Core i5-7360U @ 2.30GHz	5845	701	NA	NA
Intel Core i5-7400 @ 3.00GHz	7331	555	27.16	\$269.99
Intel Core i5-7400T @ 2.40GHz	6403	642	19.52	\$327.99*
Intel Core i5-7440HQ @ 2.80GHz	7659	521	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	6262	655	25.05	\$250.00*
Intel Core i5-7500 @ 3.40GHz	8019	486	37.04	\$216.49
Intel Core i5-7500T @ 2.70GHz	7016	581	29.66	\$236.59*
Intel Core i5-7600 @ 3.50GHz	8725	422	35.76	\$243.99
Intel Core i5-7600K @ 3.80GHz	9116	383	29.48	\$309.30
Intel Core i5-7600T @ 2.80GHz	8077	476	30.92	\$261.25
Intel Core i5-7640X @ 4.00GHz	9545	343	37.44	\$254.91
Intel Core i5-8200Y @ 1.30GHz	4206	982	14.46	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4141	996	NA	NA
Intel Core i5-8250U @ 1.60GHz	7680	518	NA	NA
Intel Core i5-8259U @ 2.30GHz	11013	246	11.48	\$959.00
Intel Core i5-8265U @ 1.60GHz	8056	479	27.13	\$297.00*
Intel Core i5-8300H @ 2.30GHz	9484	348	37.94	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8946	406	NA	NA
Intel Core i5-8350U @ 1.70GHz	8227	459	27.70	\$297.00*
Intel Core i5-8365U @ 1.60GHz	8177	466	27.53	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11642	229	48.33	\$240.91
Intel Core i5-8400H @ 2.50GHz	10138	289	40.55	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9545	342	43.59	\$219.00*
Intel Core i5-8500 @ 3.00GHz	11918	223	59.89	\$199.00
Intel Core i5-8500B @ 3.00GHz	12756	197	66.44	\$192.00*
Intel Core i5-8500T @ 2.10GHz	10027	300	22.09	\$453.99
Intel Core i5-8600 @ 3.10GHz	12639	203	45.60	\$277.21
Intel Core i5-8600K @ 3.60GHz	12771	196	41.81	\$305.50*
Intel Core i5-8600T @ 2.30GHz	10875	254	31.06	\$350.12*
Intel Core i5-9300H @ 2.40GHz	9462	351	37.85	\$250.00*
Intel Core i5-9400 @ 2.90GHz	12084	219	61.97	\$194.99
Intel Core i5-9400F @ 2.90GHz	12177	217	76.11	\$159.99
Intel Core i5-9500 @ 3.00GHz	12673	202	62.74	\$202.00*
Intel Core i5-9500T @ 2.20GHz	11211	236	58.39	\$192.00*
CPU Name				

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Intel Core i5-9600K @ 3.70GHz	13498	183	51.92	\$259.99
Intel Core i5-9600KF @ 3.70GHz	13921	164	53.55	\$259.99
Intel Core i5-24050S @ 2.50GHz	4928	841	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3756	1081	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1678	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1446	NA	NA
Intel Core i7-620LM @ 2.00GHz	1949	1687	NA	NA
Intel Core i7-620M @ 2.67GHz	2723	1391	24.76	\$110.01
Intel Core i7-620UM @ 1.07GHz	1323	1999	NA	NA
Intel Core i7-640LM @ 2.13GHz	2254	1562	NA	NA
Intel Core i7-640M @ 2.80GHz	2829	1352	14.15	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1651	1845	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1785	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1806	NA	NA
Intel Core i7-720QM @ 1.60GHz	3010	1290	8.23	\$365.95
Intel Core i7-740QM @ 1.73GHz	3192	1227	19.96	\$159.95
Intel Core i7-820QM @ 1.73GHz	3225	1215	13.44	\$239.95
Intel Core i7-840QM @ 1.87GHz	3410	1164	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	5000	827	33.34	\$149.99
Intel Core i7-860S @ 2.53GHz	4711	878	23.56	\$199.99*
Intel Core i7-870 @ 2.93GHz	5325	770	17.18	\$309.95
Intel Core i7-870S @ 2.67GHz	4849	858	NA	NA
Intel Core i7-875K @ 2.93GHz	5412	753	13.53	\$399.99
Intel Core i7-880 @ 3.07GHz	5522	738	9.47	\$583.00*
Intel Core i7-920 @ 2.67GHz	4916	844	140.49	\$35.00
Intel Core i7-920XM @ 2.00GHz	3728	1088	11.07	\$336.77
Intel Core i7-930 @ 2.80GHz	5135	795	39.51	\$129.99
Intel Core i7-940 @ 2.93GHz	5343	767	51.39	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3966	1030	NA	NA
Intel Core i7-950 @ 3.07GHz	5542	734	15.61	\$354.98
Intel Core i7-960 @ 3.20GHz	5803	703	20.56	\$282.26
Intel Core i7-965 @ 3.20GHz	5856	696	41.83	\$139.99*
Intel Core i7-970 @ 3.20GHz	8351	453	16.71	\$499.95
Intel Core i7-975 @ 3.33GHz	6122	671	13.31	\$460.00*
Intel Core i7-980 @ 3.33GHz	8643	432	43.22	\$199.98*
Intel Core i7-980X @ 3.33GHz	8745	420	5.80	\$1,508.95
Intel Core i7-985 @ 3.47GHz	6641	621	NA	NA
Intel Core i7-990X @ 3.47GHz	9061	389	25.89	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	321	NA	NA
Intel Core i7-2600 @ 3.40GHz	8187	465	46.00	\$178.00
Intel Core i7-2600K @ 3.40GHz	8424	446	47.06	\$179.00*
Intel Core i7-2600S @ 2.80GHz	7089	575	53.29	\$133.04*
Intel Core i7-2610UE @ 1.50GHz	2481	1474	NA	NA
Intel Core i7-2617M @ 1.50GHz	2824	1355	NA	NA
Intel Core i7-2620M @ 2.70GHz	3839	1053	22.61	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5523	737	24.02	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1432	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5468	746	NA	NA
Intel Core i7-2637M @ 1.70GHz	2910	1325	NA	NA
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Intel Core i7-2640M @ 2.80GHz	3920	1042	26.00	\$150.78
Intel Core i7-2655LE @ 2.20GHz	3196	1225	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5881	695	42.31	\$139.00*
Intel Core i7-2675QM @ 2.20GHz	5531	736	NA	NA
Intel Core i7-2677M @ 1.80GHz	2826	1353	NA	NA
Intel Core i7-2700K @ 3.50GHz	8686	426	26.66	\$325.90*
Intel Core i7-2710QE @ 2.10GHz	5768	707	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	761	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6117	673	19.80	\$309.00*
Intel Core i7-2760QM @ 2.40GHz	6571	627	41.12	\$159.81*
Intel Core i7-2820QM @ 2.30GHz	6644	620	26.47	\$251.04
Intel Core i7-2840QM @ 2.40GHz	6766	606	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6962	584	12.87	\$541.00
Intel Core i7-2920XM @ 2.50GHz	7043	580	15.99	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7233	564	17.65	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3583	1120	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3350	1185	NA	NA
Intel Core i7-3520M @ 2.90GHz	4544	916	19.34	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3844	1052	NA	NA
Intel Core i7-3540M @ 3.00GHz	4662	886	10.85	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1029	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	628	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7458	535	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	615	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6819	599	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	534	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7386	549	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7581	525	31.72	\$239.00
Intel Core i7-3632QM @ 2.20GHz	6935	591	29.13	\$238.05*
Intel Core i7-3635QM @ 2.40GHz	6677	617	NA	NA
Intel Core i7-3667U @ 2.00GHz	3994	1021	NA	NA
Intel Core i7-3687U @ 2.10GHz	4181	988	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1219	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8117	474	22.36	\$363.00
Intel Core i7-3740QM @ 2.70GHz	8321	454	34.68	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9280	367	22.77	\$407.49
Intel Core i7-3770K @ 3.50GHz	9508	345	18.65	\$509.95*
Intel Core i7-3770S @ 3.10GHz	8892	409	28.02	\$317.42*
Intel Core i7-3770T @ 2.50GHz	8208	462	24.87	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8990	399	47.57	\$189.00*
Intel Core i7-3820QM @ 2.70GHz	8405	447	29.49	\$285.00
Intel Core i7-3840QM @ 2.80GHz	8771	418	30.35	\$289.05*
Intel Core i7-3920XM @ 2.90GHz	9169	377	8.37	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11980	221	23.73	\$504.85*
Intel Core i7-3940XM @ 3.00GHz	9276	368	17.21	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12583	204	13.83	\$909.78*
Intel Core i7-3970X @ 3.50GHz	12675	201	15.65	\$809.99*
Intel Core i7-4500U @ 1.80GHz	3791	1068	NA	NA
Intel Core i7-4510U @ 2.00GHz	3923	1041	NA	NA
CPU Name				

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Intel Core i7-4550U @ 1.50GHz	3699	1095	NA	NA
Intel Core i7-4558U @ 2.80GHz	4397	944	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	958	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	870	NA	NA
Intel Core i7-4600M @ 2.90GHz	4900	846	NA	NA
Intel Core i7-4600U @ 2.10GHz	4098	1003	NA	NA
Intel Core i7-4610M @ 3.00GHz	4906	845	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1084	NA	NA
Intel Core i7-4650U @ 1.70GHz	3959	1033	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	567	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7726	511	20.17	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7685	516	40.66	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7419	543	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7129	571	21.15	\$337.04*
Intel Core i7-4710HQ @ 2.50GHz	7722	513	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7985	490	29.41	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7527	529	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7218	566	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7995	489	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8067	477	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8194	463	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8735	421	NA	NA
Intel Core i7-4765T @ 2.00GHz	7307	559	18.27	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9780	326	40.91	\$239.08*
Intel Core i7-4770HQ @ 2.20GHz	8948	405	NA	NA
Intel Core i7-4770K @ 3.50GHz	10077	298	29.04	\$346.99
Intel Core i7-4770R @ 3.20GHz	9822	318	NA	NA
Intel Core i7-4770S @ 3.10GHz	9347	361	37.39	\$249.99*
Intel Core i7-4770T @ 2.50GHz	8587	436	21.47	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	611	NA	NA
Intel Core i7-4771 @ 3.50GHz	9868	315	16.18	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7629	524	NA	NA
Intel Core i7-4790 @ 3.60GHz	9987	305	46.74	\$213.69
Intel Core i7-4790K @ 4.00GHz	11173	238	36.16	\$309.00*
Intel Core i7-4790S @ 3.20GHz	9579	339	21.04	\$455.41
Intel Core i7-4790T @ 2.70GHz	9082	388	25.30	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8452	443	16.57	\$509.95
Intel Core i7-4810MQ @ 2.80GHz	8648	431	20.35	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9712	334	44.15	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9051	391	20.86	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7847	501	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9271	369	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9358	359	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8981	401	15.31	\$586.67
Intel Core i7-4910MQ @ 2.90GHz	9345	362	20.32	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13006	190	25.77	\$504.62
Intel Core i7-4930MX @ 3.00GHz	9455	353	8.63	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9921	309	13.97	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9807	320	15.74	\$623.00*
CPU Name				

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Intel Core i7-4960X @ 3.60GHz	13794	170	17.91	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10270	281	NA	NA
Intel Core i7-5500U @ 2.40GHz	3974	1025	NA	NA
Intel Core i7-5550U @ 2.00GHz	3686	1100	NA	NA
Intel Core i7-5557U @ 3.10GHz	4947	838	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4318	963	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	979	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	467	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	457	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8351	452	NA	NA
Intel Core i7-5775C @ 3.30GHz	10976	248	15.99	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10868	255	NA	NA
Intel Core i7-5820K @ 3.30GHz	12984	191	44.93	\$289.00*
Intel Core i7-5850EQ @ 2.70GHz	9817	319	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	352	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13625	176	15.45	\$881.89
Intel Core i7-5950HQ @ 2.90GHz	10925	251	NA	NA
Intel Core i7-5960X @ 3.00GHz	15935	117	15.78	\$1,009.99*
Intel Core i7-6498DU @ 2.50GHz	4538	918	NA	NA
Intel Core i7-6500U @ 2.50GHz	4429	940	NA	NA
Intel Core i7-6560U @ 2.20GHz	4814	860	NA	NA
Intel Core i7-6567U @ 3.30GHz	5604	728	NA	NA
Intel Core i7-6600U @ 2.60GHz	4803	866	NA	NA
Intel Core i7-6650U @ 2.20GHz	4968	834	NA	NA
Intel Core i7-6700 @ 3.40GHz	10004	303	29.87	\$334.99
Intel Core i7-6700HQ @ 2.60GHz	8132	471	21.52	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11108	239	28.12	\$395.09
Intel Core i7-6700T @ 2.80GHz	9018	397	30.06	\$300.00*
Intel Core i7-6700TE @ 2.40GHz	8674	430	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9727	332	9.71	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13568	178	31.13	\$435.84*
Intel Core i7-6820EQ @ 2.80GHz	8563	437	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9117	382	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8771	419	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	638	NA	NA
Intel Core i7-6850K @ 3.60GHz	14371	150	23.99	\$599.00*
Intel Core i7-6900K @ 3.20GHz	17654	83	19.58	\$901.74*
Intel Core i7-6920HQ @ 2.90GHz	9559	341	16.83	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19938	51	12.75	\$1,563.55*
Intel Core i7-7500U @ 2.70GHz	5155	793	NA	NA
Intel Core i7-7560U @ 2.40GHz	5852	698	NA	NA
Intel Core i7-7567U @ 3.50GHz	6490	632	NA	NA
Intel Core i7-7600U @ 2.80GHz	5101	800	NA	NA
Intel Core i7-7660U @ 2.50GHz	6002	683	NA	NA
Intel Core i7-7700 @ 3.60GHz	10731	257	32.32	\$332.00
Intel Core i7-7700HQ @ 2.80GHz	8806	417	NA	NA
Intel Core i7-7700K @ 4.20GHz	12035	220	33.35	\$360.90*
Intel Core i7-7700T @ 2.90GHz	9269	370	26.87	\$344.99
Intel Core i7-7740X @ 4.30GHz	12290	212	36.59	\$335.90
CPU Name				



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Intel Core i7-7800X @ 3.50GHz	14627	144	36.57	\$399.99
Intel Core i7-7820HK @ 2.90GHz	9991	304	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9241	371	24.45	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18483	74	30.81	\$599.99
Intel Core i7-7900X @ 3.30GHz	20406	47	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9986	306	NA	NA
Intel Core i7-8086K @ 4.00GHz	16683	95	30.17	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	4032	1013	10.26	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8291	455	NA	NA
Intel Core i7-8559U @ 2.70GHz	12366	207	NA	NA
Intel Core i7-8565U @ 1.80GHz	9022	396	NA	NA
Intel Core i7-8650U @ 1.90GHz	8812	416	NA	NA
Intel Core i7-8665U @ 1.90GHz	8951	404	21.89	\$409.00*
Intel Core i7-8700 @ 3.20GHz	15156	132	50.52	\$299.99
Intel Core i7-8700B @ 3.20GHz	14633	143	48.30	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15963	116	43.74	\$364.99
Intel Core i7-8700T @ 2.40GHz	12753	198	36.54	\$349.00
Intel Core i7-8705G @ 3.10GHz	9891	314	7.02	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10483	270	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	327	NA	NA
Intel Core i7-8750H @ 2.20GHz	12481	206	31.60	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11029	243	NA	NA
Intel Core i7-8850H @ 2.60GHz	13082	188	33.12	\$395.00*
Intel Core i7-9700K @ 3.60GHz	17184	88	41.91	\$409.99
Intel Core i7-9700KF @ 3.60GHz	17188	87	44.65	\$385.00*
Intel Core i7-9750H @ 2.60GHz	13935	163	NA	NA
Intel Core i7-9800X @ 3.80GHz	19881	53	31.56	\$629.99
Intel Core i9-7900X @ 3.30GHz	21900	32	23.05	\$949.99
Intel Core i9-7920X @ 2.90GHz	23395	23	24.12	\$969.99
Intel Core i9-7940X @ 3.10GHz	25395	15	19.53	\$1,299.99
Intel Core i9-7960X @ 2.80GHz	25974	12	18.55	\$1,399.99
Intel Core i9-7980XE @ 2.60GHz	27854	6	15.43	\$1,804.99
Intel Core i9-8950HK @ 2.90GHz	14362	151	24.64	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21608	37	25.72	\$839.99
Intel Core i9-9880H @ 2.30GHz	18681	69	33.60	\$556.00*
Intel Core i9-9900K @ 3.60GHz	20202	50	41.23	\$489.99
Intel Core i9-9900KF @ 3.60GHz	20320	48	36.95	\$549.99
Intel Core i9-9900X @ 3.50GHz	23059	26	23.06	\$999.99
Intel Core i9-9920X @ 3.50GHz	26003	11	21.67	\$1,199.99
Intel Core i9-9940X @ 3.30GHz	27345	8	19.53	\$1,399.99
Intel Core i9-9960X @ 3.10GHz	28735	4	16.90	\$1,699.99
Intel Core i9-9980XE @ 3.00GHz	29304	1	14.65	\$1,999.99
Intel Core m3-6Y30 @ 0.90GHz	3051	1278	10.86	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3554	1127	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1191	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3489	1145	12.42	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3377	1178	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3248	1209	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3469	1153	NA	NA
CPU Name				

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Intel Core M-5Y10 @ 0.80GHz	2702	1395	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1506	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2815	1357	10.02	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1350	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2477	1475	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3018	1286	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2973	1302	10.58	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2576	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2569	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2486	NA	NA
Intel Core Solo U1300 @ 1.06GHz	273	2729	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2723	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2644	NA	NA
Intel E3000 @ 3.40GHz	2767	1372	NA	NA
Intel Pentium 4 1.40GHz	164	2830	NA	NA
Intel Pentium 4 1.50GHz	131	2847	NA	NA
Intel Pentium 4 1.60GHz	129	2849	NA	NA
Intel Pentium 4 1.70GHz	132	2846	NA	NA
Intel Pentium 4 1.80GHz	161	2833	NA	NA
Intel Pentium 4 1.90GHz	159	2834	NA	NA
Intel Pentium 4 2.00GHz	189	2812	NA	NA
Intel Pentium 4 2.20GHz	209	2794	NA	NA
Intel Pentium 4 2.26GHz	221	2782	NA	NA
Intel Pentium 4 2.40GHz	228	2775	NA	NA
Intel Pentium 4 2.50GHz	245	2760	NA	NA
Intel Pentium 4 2.53GHz	248	2756	NA	NA
Intel Pentium 4 2.60GHz	288	2702	NA	NA
Intel Pentium 4 2.66GHz	254	2748	NA	NA
Intel Pentium 4 2.80GHz	322	2650	NA	NA
Intel Pentium 4 2.93GHz	299	2684	NA	NA
Intel Pentium 4 3.00GHz	353	2622	NA	NA
Intel Pentium 4 3.06GHz	346	2626	NA	NA
Intel Pentium 4 3.20GHz	373	2595	NA	NA
Intel Pentium 4 3.40GHz	395	2571	NA	NA
Intel Pentium 4 3.46GHz	454	2504	NA	NA
Intel Pentium 4 3.60GHz	487	2467	NA	NA
Intel Pentium 4 3.73GHz	486	2468	NA	NA
Intel Pentium 4 3.80GHz	485	2470	NA	NA
Intel Pentium 4 3.83GHz	195	2807	NA	NA
Intel Pentium 4 4.00GHz	184	2817	NA	NA
Intel Pentium 4 1300MHz	119	2853	NA	NA
Intel Pentium 4 1400MHz	127	2850	NA	NA
Intel Pentium 4 1500MHz	125	2851	NA	NA
Intel Pentium 4 1600MHz	193	2811	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2837	NA	NA
Intel Pentium 4 1800MHz	162	2832	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2840	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2806	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2823	NA	NA
CPU Name				

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Intel Pentium 4 Mobile 1.70GHz	208	2795	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2826	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2793	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2802	NA	NA
Intel Pentium 5 2.66GHz	705	2347	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2132	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1156	2100	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2105	NA	NA
Intel Pentium 987 @ 1.50GHz	1230	2057	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	1960	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1384	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1287	NA	NA
Intel Pentium 2020M @ 2.40GHz	2273	1552	16.97	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2410	1495	17.99	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1654	1843	12.34	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1820	1757	13.58	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2154	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2270	1556	NA	NA
Intel Pentium 3556U @ 1.70GHz	1696	1816	NA	NA
Intel Pentium 3558U @ 1.70GHz	1681	1824	NA	NA
Intel Pentium 3560M @ 2.40GHz	2270	1555	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2036	NA	NA
Intel Pentium 3805U @ 1.90GHz	1980	1672	NA	NA
Intel Pentium 3825U @ 1.90GHz	2519	1457	NA	NA
Intel Pentium 4405U @ 2.10GHz	2931	1317	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1640	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2047	1644	12.72	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3137	1250	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2227	1574	13.84	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3359	1182	20.87	\$161.00*
Intel Pentium 5405U @ 2.30GHz	3152	1247	19.58	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1869	NA	NA
Intel Pentium B940 @ 2.00GHz	1728	1794	57.73	\$29.94*
Intel Pentium B950 @ 2.10GHz	1718	1799	NA	NA
Intel Pentium B960 @ 2.20GHz	1853	1737	37.83	\$48.99*
Intel Pentium B970 @ 2.30GHz	1957	1682	38.39	\$50.99*
Intel Pentium B980 @ 2.40GHz	2027	1651	28.98	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1064	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	531	2435	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2378	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2407	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2343	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2330	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2301	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2268	5.51	\$157.95*
Intel Pentium E2160 @ 1.80GHz	998	2189	8.50	\$117.50*
Intel Pentium E2180 @ 2.00GHz	1088	2136	36.29	\$29.99*
Intel Pentium E2200 @ 2.20GHz	1203	2070	16.05	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2086	NA	NA
CPU Name				

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Intel Pentium E2220 @ 2.40GHz	1329	1996	8.42	\$157.95*
Intel Pentium E5200 @ 2.50GHz	1486	1924	16.53	\$89.95*
Intel Pentium E5300 @ 2.60GHz	1538	1895	66.93	\$22.99
Intel Pentium E5400 @ 2.70GHz	1600	1873	80.05	\$19.99*
Intel Pentium E5500 @ 2.80GHz	1637	1851	82.09	\$19.95*
Intel Pentium E5700 @ 3.00GHz	1736	1790	115.86	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1892	1718	63.12	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1705	1810	165.54	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1763	1773	11.16	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1863	1734	18.64	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1933	1695	113.80	\$16.99*
Intel Pentium E6800 @ 3.33GHz	1988	1670	22.34	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2254	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2215	NA	NA
Intel Pentium G620 @ 2.60GHz	2293	1539	91.77	\$24.99*
Intel Pentium G620T @ 2.20GHz	2028	1649	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2373	1511	23.73	\$100.00*
Intel Pentium G630T @ 2.30GHz	2089	1627	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2523	1456	16.82	\$150.00*
Intel Pentium G640T @ 2.40GHz	1979	1673	NA	NA
Intel Pentium G645 @ 2.90GHz	2590	1430	16.19	\$160.00*
Intel Pentium G645T @ 2.50GHz	2293	1540	NA	NA
Intel Pentium G840 @ 2.80GHz	2561	1442	73.21	\$34.99*
Intel Pentium G850 @ 2.90GHz	2666	1406	13.47	\$197.99*
Intel Pentium G860 @ 3.00GHz	2742	1383	91.46	\$29.99*
Intel Pentium G870 @ 3.10GHz	2814	1359	29.01	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2593	1428	74.34	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2756	1380	45.98	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2420	1492	50.86	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2868	1342	71.74	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2487	1471	38.86	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1377	NA	NA
Intel Pentium G2120 @ 3.10GHz	3083	1267	19.32	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3205	1222	64.12	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3384	1174	40.30	\$84.00
Intel Pentium G3220 @ 3.00GHz	3126	1252	27.39	\$114.16
Intel Pentium G3220T @ 2.60GHz	2573	1438	36.76	\$69.99*
Intel Pentium G3240 @ 3.10GHz	3157	1245	21.74	\$145.24
Intel Pentium G3240T @ 2.70GHz	2840	1346	NA	NA
Intel Pentium G3250 @ 3.20GHz	3247	1211	29.52	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2971	1304	33.02	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3871	1046	20.57	\$188.28*
Intel Pentium G3260 @ 3.30GHz	3359	1181	24.00	\$139.99
Intel Pentium G3260T @ 2.90GHz	2930	1318	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1503	NA	NA
Intel Pentium G3420 @ 3.20GHz	3397	1168	25.46	\$133.43
Intel Pentium G3420T @ 2.70GHz	3008	1291	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1170	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3314	1192	20.72	\$159.94*
CPU Name				

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3440T @ 2.80GHz	3101	1260	NA	NA
Intel Pentium G3450 @ 3.40GHz	3700	1093	37.01	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1307	NA	NA
Intel Pentium G3460 @ 3.50GHz	3582	1121	12.43	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3704	1092	35.53	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3548	1131	39.92	\$88.87
Intel Pentium G4400T @ 2.90GHz	3176	1232	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1340	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3799	1067	27.65	\$137.41
Intel Pentium G4500T @ 3.00GHz	3471	1151	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	986	40.24	\$103.99*
Intel Pentium G4560 @ 3.50GHz	4865	853	48.56	\$100.20*
Intel Pentium G4560T @ 2.90GHz	3990	1023	36.28	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5079	806	21.17	\$239.95*
Intel Pentium G4600T @ 3.00GHz	4266	970	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5210	783	45.84	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1859	1735	46.49	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1604	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2057	1642	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5194	787	69.27	\$74.99
Intel Pentium Gold G5400T @ 3.10GHz	5048	815	78.89	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5220	782	43.87	\$119.00*
Intel Pentium Gold G5500T @ 3.20GHz	4346	955	57.95	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5667	720	52.11	\$108.75*
Intel Pentium III 933S @ 933MHz	238	2769	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2707	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2722	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2667	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2687	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2683	NA	NA
Intel Pentium III Mobile 750MHz	103	2856	NA	NA
Intel Pentium III Mobile 800MHz	182	2820	NA	NA
Intel Pentium III Mobile 866MHz	152	2838	NA	NA
Intel Pentium III Mobile 933MHz	218	2784	7.55	\$28.99
Intel Pentium III Mobile 1000MHz	245	2759	NA	NA
Intel Pentium III Mobile 1066MHz	246	2758	NA	NA
Intel Pentium III Mobile 1133MHz	251	2752	NA	NA
Intel Pentium III Mobile 1200MHz	240	2766	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1747	NA	NA
Intel Pentium J2900 @ 2.41GHz	1956	1683	NA	NA
Intel Pentium J3710 @ 1.60GHz	1918	1703	NA	NA
Intel Pentium J4205 @ 1.50GHz	2257	1560	NA	NA
Intel Pentium M 1.10GHz	282	2713	NA	NA
Intel Pentium M 1.20GHz	298	2685	NA	NA
Intel Pentium M 1.30GHz	301	2677	NA	NA
Intel Pentium M 1.40GHz	345	2629	NA	NA
Intel Pentium M 1.50GHz	367	2605	NA	NA
Intel Pentium M 1.60GHz	364	2609	NA	NA
Intel Pentium M 1.70GHz	406	2554	NA	NA
CPU Name				

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1.73GHz	413	2544	NA	NA
Intel Pentium M 1.80GHz	411	2546	NA	NA
Intel Pentium M 1.86GHz	439	2521	NA	NA
Intel Pentium M 2.00GHz	461	2496	NA	NA
Intel Pentium M 2.10GHz	448	2509	NA	NA
Intel Pentium M 2.13GHz	504	2456	NA	NA
Intel Pentium M 2.26GHz	509	2452	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2475	NA	NA
Intel Pentium M 900MHz	217	2787	NA	NA
Intel Pentium M 1000MHz	233	2772	NA	NA
Intel Pentium M 1100MHz	259	2744	NA	NA
Intel Pentium M 1200MHz	237	2770	NA	NA
Intel Pentium M 1300MHz	303	2671	NA	NA
Intel Pentium M 1400MHz	320	2652	NA	NA
Intel Pentium M 1500MHz	354	2619	NA	NA
Intel Pentium M 1600MHz	334	2640	NA	NA
Intel Pentium M 1700MHz	376	2591	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1905	NA	NA
Intel Pentium N3520 @ 2.16GHz	1789	1766	NA	NA
Intel Pentium N3530 @ 2.16GHz	1894	1716	NA	NA
Intel Pentium N3540 @ 2.16GHz	1925	1698	7.68	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1831	1751	4.12	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1866	1732	NA	NA
Intel Pentium N4200 @ 1.10GHz	2027	1650	10.22	\$198.40*
Intel Pentium P6000 @ 1.87GHz	1243	2051	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	1998	46.62	\$28.44
Intel Pentium P6200 @ 2.13GHz	1349	1986	30.03	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1969	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2906	1330	13.22	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2423	1490	15.05	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2555	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2278	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2283	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2366	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2348	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2344	NA	NA
Intel Pentium T2310 @ 1.46GHz	734	2332	NA	NA
Intel Pentium T2330 @ 1.60GHz	830	2289	NA	NA
Intel Pentium T2370 @ 1.73GHz	844	2282	24.14	\$35.00*
Intel Pentium T2390 @ 1.86GHz	946	2230	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2203	NA	NA
Intel Pentium T3200 @ 2.00GHz	1032	2165	86.02	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1113	2118	12.38	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1151	2102	95.93	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1232	2055	NA	NA
Intel Pentium T4400 @ 2.20GHz	1283	2026	NA	NA
Intel Pentium T4500 @ 2.30GHz	1334	1994	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2296	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2224	NA	NA
CPU Name				

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Intel T1200 @ 1.50GHz	435	2527	NA	NA
Intel T1400 @ 1.73GHz	929	2237	NA	NA
Intel T1500 @ 1.86GHz	953	2223	NA	NA
Intel T2050 @ 2.00GHz	959	2218	NA	NA
Intel Xeon 2.00GHz	233	2771	NA	NA
Intel XEON 2.20GHz	252	2750	NA	NA
Intel Xeon 2.40GHz	276	2725	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2526	NA	NA
Intel Xeon 2.80GHz	400	2566	NA	NA
Intel Xeon 3.00GHz	391	2579	NA	NA
Intel Xeon 3.06GHz	491	2462	NA	NA
Intel Xeon 3.20GHz	461	2497	NA	NA
Intel Xeon 3.40GHz	478	2479	NA	NA
Intel Xeon 3.60GHz	509	2451	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2162	NA	NA
Intel Xeon 3.80GHz	604	2395	0.71	\$851.00*
Intel Xeon 1500MHz	193	2810	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	2025	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2008	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1906	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1903	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1768	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1746	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1886	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2145	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	2049	0.77	\$1,619.99
Intel Xeon 5130 @ 2.00GHz	1366	1973	43.44	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1874	NA	NA
Intel Xeon 5140 @ 2.33GHz	1644	1846	35.00	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1880	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1752	1780	12.52	\$139.95
Intel Xeon 5160 @ 3.00GHz	1963	1681	52.38	\$37.49
Intel Xeon @ 2.20GHz	1902	1712	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5664	721	25.17	\$224.99
Intel Xeon Bronze 3106 @ 1.70GHz	6890	595	20.88	\$329.99
Intel Xeon D-1518 @ 2.20GHz	5322	771	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	709	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	583	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	461	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	331	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	510	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	265	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11102	240	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	261	19.24	\$555.00*
Intel Xeon D-1559 @ 1.50GHz	8055	480	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	148	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	161	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	470	38.22	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	193	23.13	\$555.00*
CPU Name				

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Intel Xeon D-2143IT @ 2.20GHz	13816	169	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18627	70	10.56	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6089	675	32.05	\$190.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6701	616	104.72	\$64.00*
Intel Xeon E3-1220 v3 @ 3.10GHz	7146	570	33.24	\$214.99*
Intel Xeon E3-1220 v5 @ 3.00GHz	7787	508	29.23	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7859	496	36.56	\$214.99
Intel Xeon E3-1220L @ 2.20GHz	3563	1125	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	941	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1620	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5889	693	33.65	\$175.00
Intel Xeon E3-1225 V2 @ 3.20GHz	6922	592	13.67	\$506.59
Intel Xeon E3-1225 v3 @ 3.20GHz	7243	563	24.98	\$289.99*
Intel Xeon E3-1225 v5 @ 3.30GHz	7814	503	29.16	\$268.04*
Intel Xeon E3-1225 v6 @ 3.30GHz	8097	475	34.46	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7552	527	13.42	\$563.00
Intel Xeon E3-1230 @ 3.20GHz	7848	500	23.15	\$339.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8860	413	69.77	\$127.00*
Intel Xeon E3-1230 v3 @ 3.30GHz	9330	364	49.10	\$190.03*
Intel Xeon E3-1230 v5 @ 3.40GHz	9786	324	34.95	\$279.99*
Intel Xeon E3-1230 v6 @ 3.50GHz	9847	317	37.88	\$259.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	565	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9623	338	18.87	\$509.95
Intel Xeon E3-1235 @ 3.20GHz	7680	517	31.48	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	635	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7962	491	32.63	\$244.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9137	379	59.72	\$153.00*
Intel Xeon E3-1240 v3 @ 3.40GHz	9657	337	25.12	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10374	275	30.36	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10377	274	36.02	\$288.14
Intel Xeon E3-1240L v3 @ 2.00GHz	7513	530	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	507	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10018	301	24.44	\$409.99*
Intel Xeon E3-1245 @ 3.30GHz	7997	488	31.36	\$255.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9126	381	15.21	\$600.00
Intel Xeon E3-1245 v3 @ 3.40GHz	9564	340	30.95	\$309.00*
Intel Xeon E3-1245 v5 @ 3.50GHz	10184	287	29.49	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10543	266	34.01	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9856	316	24.10	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6534	630	76.32	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	282	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	6038	681	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7403	546	24.27	\$305.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9199	375	12.96	\$709.95*
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	390	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	499	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	425	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	458	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9470	350	25.67	\$369.00
CPU Name				



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Intel Xeon E3-1270 v3 @ 3.50GHz	9916	310	26.80	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10305	278	13.84	\$744.49
Intel Xeon E3-1270 v6 @ 3.80GHz	11184	237	31.96	\$349.98
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	260	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10093	294	11.37	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8215	460	27.03	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9447	356	23.93	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	9915	311	24.73	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10366	277	18.75	\$553.00*
Intel Xeon E3-1275 v6 @ 3.80GHz	11016	245	31.48	\$349.99
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	408	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10209	284	9.51	\$1,073.00
Intel Xeon E3-1280 @ 3.50GHz	8465	441	23.01	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9447	354	11.00	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9775	328	14.02	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	262	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11463	231	26.11	\$438.99*
Intel Xeon E3-1281 v3 @ 3.70GHz	10276	280	11.71	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	271	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	268	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	222	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	307	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	249	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	312	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	346	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	423	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	335	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	646	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8933	407	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9783	325	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10093	295	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9340	363	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10580	264	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10443	272	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10625	263	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	256	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	290	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	557	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	539	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5571	730	21.22	\$262.59*
Intel Xeon E5-1603 v3 @ 2.80GHz	6177	663	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6432	636	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5882	694	267.51	\$21.99*
Intel Xeon E5-1607 v2 @ 3.00GHz	6211	660	177.74	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	6961	585	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	562	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9036	392	27.39	\$329.93*
Intel Xeon E5-1620 v2 @ 3.70GHz	9478	349	160.68	\$58.99*
Intel Xeon E5-1620 v3 @ 3.50GHz	9755	329	12.36	\$789.00*
CPU Name				

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Intel Xeon E5-1620 v4 @ 3.50GHz	9924	308	34.82	\$285.00
Intel Xeon E5-1630 v3 @ 3.70GHz	10214	283	17.09	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10300	279	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11722	227	23.68	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12712	199	105.98	\$119.95*
Intel Xeon E5-1650 v3 @ 3.50GHz	13618	177	20.32	\$670.21*
Intel Xeon E5-1650 v4 @ 3.60GHz	14219	155	22.50	\$631.99
Intel Xeon E5-1660 @ 3.30GHz	12361	208	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13830	168	7.65	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14573	145	9.02	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16172	111	13.15	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16222	107	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16431	100	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	90	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	77	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1136	23.65	\$149.00
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1163	18.09	\$189.00
Intel Xeon E5-2407 @ 2.20GHz	4188	985	12.50	\$335.04
Intel Xeon E5-2407 v2 @ 2.40GHz	4498	925	9.44	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	785	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	579	18.06	\$390.02
Intel Xeon E5-2420 v2 @ 2.20GHz	8632	434	51.16	\$168.74
Intel Xeon E5-2430 @ 2.20GHz	6878	597	67.35	\$102.12
Intel Xeon E5-2430 v2 @ 2.50GHz	8991	398	37.55	\$239.45
Intel Xeon E5-2430L @ 2.00GHz	7269	560	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	622	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	376	70.61	\$130.00
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	366	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	402	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	286	27.61	\$369.00
Intel Xeon E5-2450L @ 1.80GHz	8261	456	63.55	\$130.00
Intel Xeon E5-2470 @ 2.30GHz	10061	299	31.77	\$316.72*
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	194	25.22	\$509.00
Intel Xeon E5-2603 @ 1.80GHz	3580	1122	143.52	\$24.95*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1075	127.15	\$29.62*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	792	14.04	\$369.00
Intel Xeon E5-2603 v4 @ 1.70GHz	5451	749	23.70	\$229.99
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	497	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4616	897	104.94	\$43.99
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	794	36.89	\$139.60
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	692	14.79	\$399.00
Intel Xeon E5-2609 v4 @ 1.70GHz	6890	596	21.53	\$319.99
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	216	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	146	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7904	493	78.58	\$100.59
Intel Xeon E5-2620 v2 @ 2.10GHz	8685	427	250.68	\$34.65
Intel Xeon E5-2620 v3 @ 2.40GHz	10011	302	27.13	\$369.00
Intel Xeon E5-2620 v4 @ 2.10GHz	11355	233	28.68	\$395.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	400	22.20	\$404.99*
CPU Name				

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2623 v4 @ 2.60GHz	8444	444	15.38	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	358	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	210	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	187	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	244	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8860	414	92.30	\$95.99
Intel Xeon E5-2630 v2 @ 2.60GHz	10405	273	61.21	\$169.99
Intel Xeon E5-2630 v3 @ 2.40GHz	12805	195	14.64	\$874.57
Intel Xeon E5-2630 v4 @ 2.20GHz	13904	165	20.33	\$683.99
Intel Xeon E5-2630L @ 2.00GHz	7865	495	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	387	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	333	28.62	\$339.95
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	192	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9447	355	15.59	\$605.99
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	292	7.81	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10497	269	9.67	\$1,085.99
Intel Xeon E5-2640 @ 2.50GHz	9356	360	85.07	\$109.99
Intel Xeon E5-2640 v2 @ 2.00GHz	10143	288	27.49	\$369.00
Intel Xeon E5-2640 v3 @ 2.60GHz	13885	166	44.51	\$311.99*
Intel Xeon E5-2640 v4 @ 2.40GHz	15380	129	15.38	\$999.99
Intel Xeon E5-2643 @ 3.30GHz	8436	445	54.41	\$155.06
Intel Xeon E5-2643 v2 @ 3.50GHz	13030	189	118.46	\$110.00*
Intel Xeon E5-2643 v3 @ 3.40GHz	13844	167	17.20	\$804.99
Intel Xeon E5-2643 v4 @ 3.40GHz	13655	173	8.22	\$1,660.61
Intel Xeon E5-2648L @ 1.80GHz	7426	540	NA	NA
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	232	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	174	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	141	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10110	293	53.50	\$189.00
Intel Xeon E5-2650 v2 @ 2.60GHz	13199	186	55.00	\$239.99
Intel Xeon E5-2650 v3 @ 2.30GHz	14844	139	21.24	\$699.00
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	123	13.22	\$1,199.99
Intel Xeon E5-2650L @ 1.80GHz	8676	428	109.83	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9732	330	63.15	\$154.12
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	182	11.37	\$1,188.14
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	159	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	234	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	347	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	158	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	106	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	93	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11060	242	107.40	\$102.99
Intel Xeon E5-2660 v2 @ 2.20GHz	13266	184	70.19	\$189.00
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	110	31.80	\$509.00
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	92	11.25	\$1,499.99
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	162	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11545	230	103.09	\$111.99
Intel Xeon E5-2667 @ 2.90GHz	10372	276	162.37	\$63.88*
Intel Xeon E5-2667 v2 @ 3.30GHz	16186	109	80.94	\$199.99*
CPU Name				

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Intel Xeon E5-2667 v3 @ 3.20GHz	16215	108	6.12	\$2,649.00
Intel Xeon E5-2667 v4 @ 3.20GHz	16684	94	8.30	\$2,009.00*
Intel Xeon E5-2670 @ 2.60GHz	12114	218	67.65	\$179.07
Intel Xeon E5-2670 v2 @ 2.50GHz	14995	136	81.06	\$184.99
Intel Xeon E5-2670 v3 @ 2.30GHz	16494	97	26.60	\$619.99
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	104	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16339	102	23.34	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	40	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15073	133	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	82	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17296	85	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	16	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12555	205	74.30	\$168.99
Intel Xeon E5-2680 v2 @ 2.80GHz	15891	122	69.10	\$229.99*
Intel Xeon E5-2680 v3 @ 2.50GHz	18561	73	36.47	\$509.00
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	52	13.18	\$1,509.00
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	46	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17379	84	9.55	\$1,819.00
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	67	9.02	\$2,111.02*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	135	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	64	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	55	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14347	152	5.44	\$2,636.50*
Intel Xeon E5-2687W v2 @ 3.40GHz	16477	98	7.83	\$2,104.90
Intel Xeon E5-2687W v3 @ 3.10GHz	17752	81	6.37	\$2,789.00
Intel Xeon E5-2687W v4 @ 3.00GHz	19855	54	9.13	\$2,174.99
Intel Xeon E5-2689 @ 2.60GHz	13526	179	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	56	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13524	181	36.65	\$369.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16433	99	27.90	\$588.99
Intel Xeon E5-2690 v3 @ 2.60GHz	19214	66	19.37	\$991.84
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	42	9.83	\$2,169.99
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	114	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15993	115	39.10	\$409.00*
Intel Xeon E5-2695 v3 @ 2.30GHz	19673	59	9.79	\$2,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	49	7.70	\$2,629.42*
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	96	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	27	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	43	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17224	86	8.72	\$1,974.91
Intel Xeon E5-2697 v3 @ 2.60GHz	21397	41	31.94	\$669.99
Intel Xeon E5-2697 v4 @ 2.30GHz	21506	39	7.75	\$2,775.99
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	28	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21081	44	6.16	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	34	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	29	8.92	\$2,509.00
Intel Xeon E5-2699 v4 @ 2.20GHz	23200	25	4.73	\$4,909.95
Intel Xeon E5-4603 @ 2.00GHz	5014	825	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	372	NA	NA
CPU Name				

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Intel Xeon E5-4617 @ 2.90GHz	9029	394	100.44	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	472	60.56	\$134.21*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	147	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	126	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	267	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	200	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	241	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11860	224	124.21	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	225	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	211	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	120	11.36	\$1,399.00
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	124	3.30	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	175	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1256	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2157	1597	93.86	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1488	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1568	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1957	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1489	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1558	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1542	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1461	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2920	1321	73.02	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2836	1349	48.08	\$59.00*
Intel Xeon E5410 @ 2.33GHz	3261	1203	15.61	\$208.95
Intel Xeon E5420 @ 2.50GHz	3492	1143	13.44	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3764	1076	54.56	\$69.00*
Intel Xeon E5440 @ 2.83GHz	3966	1028	209.33	\$18.95*
Intel Xeon E5450 @ 3.00GHz	4189	984	104.77	\$39.99
Intel Xeon E5462 @ 2.80GHz	3871	1047	141.82	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4090	1004	136.16	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	1970	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1959	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2686	1401	38.41	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2975	1301	47.22	\$63.01
Intel Xeon E5507 @ 2.27GHz	3125	1253	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4435	938	109.95	\$40.34
Intel Xeon E5530 @ 2.40GHz	4564	908	217.44	\$20.99*
Intel Xeon E5540 @ 2.53GHz	4807	862	81.49	\$59.00
Intel Xeon E5603 @ 1.60GHz	2366	1514	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1277	13.95	\$219.00
Intel Xeon E5607 @ 2.27GHz	3380	1176	15.44	\$219.00*
Intel Xeon E5620 @ 2.40GHz	4802	867	357.88	\$13.42
Intel Xeon E5630 @ 2.53GHz	5083	802	145.25	\$35.00
Intel Xeon E5640 @ 2.67GHz	5256	777	88.36	\$59.49*
Intel Xeon E5645 @ 2.40GHz	6424	639	59.50	\$107.98
Intel Xeon E5649 @ 2.53GHz	6936	590	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1493	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	502	40.54	\$193.00*
<b>CPU Name</b>				

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Intel Xeon E-2124 @ 3.30GHz	9544	344	43.39	\$219.99
Intel Xeon E-2124G @ 3.40GHz	9788	323	38.52	\$254.10
Intel Xeon E-2126G @ 3.30GHz	14051	160	46.84	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10909	253	39.06	\$279.28
Intel Xeon E-2136 @ 3.30GHz	15908	118	50.51	\$314.99
Intel Xeon E-2144G @ 3.60GHz	11214	235	35.35	\$317.22
Intel Xeon E-2146G @ 3.50GHz	15896	121	44.78	\$354.99*
Intel Xeon E-2174G @ 3.80GHz	12238	214	33.08	\$370.02
Intel Xeon E-2176G @ 3.70GHz	15576	125	37.09	\$419.99
Intel Xeon E-2176M @ 2.70GHz	13705	172	30.46	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	16057	113	30.59	\$524.99
Intel Xeon E-2186M @ 2.90GHz	14720	140	23.63	\$623.00*
Intel Xeon Gold 5118 @ 2.30GHz	16389	101	12.69	\$1,291.27
Intel Xeon Gold 5120 @ 2.20GHz	16308	105	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	78	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10978	247	8.64	\$1,269.99
Intel Xeon Gold 6126 @ 2.60GHz	19711	57	10.96	\$1,798.76
Intel Xeon Gold 6128 @ 3.40GHz	14941	137	8.13	\$1,837.99*
Intel Xeon Gold 6130 @ 2.10GHz	19277	63	9.89	\$1,949.99
Intel Xeon Gold 6132 @ 2.60GHz	23907	21	10.84	\$2,205.00
Intel Xeon Gold 6134 @ 3.20GHz	18083	79	7.94	\$2,279.00
Intel Xeon Gold 6136 @ 3.00GHz	21061	45	7.86	\$2,681.34*
Intel Xeon Gold 6138 @ 2.00GHz	25416	14	9.48	\$2,679.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	20	9.82	\$2,439.99
Intel Xeon Gold 6144 @ 3.50GHz	19654	60	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	17	6.31	\$3,982.51
Intel Xeon Gold 6148 @ 2.40GHz	26660	9	8.19	\$3,253.99
Intel Xeon Gold 6152 @ 2.10GHz	23498	22	6.18	\$3,799.99
Intel Xeon Gold 6154 @ 3.00GHz	27722	7	7.37	\$3,759.89*
Intel Xeon L3110 @ 3.00GHz	2273	1553	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1077	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1991	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	1054	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1755	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1554	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1549	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1603	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1381	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3037	1284	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1179	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3505	1142	127.48	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3723	1089	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1090	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	947	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	953	225.95	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4369	949	67.22	\$65.00*
Intel Xeon L5638 @ 2.00GHz	5556	732	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	598	NA	NA
Intel Xeon L5640 @ 2.27GHz	6278	654	209.50	\$29.97*
CPU Name				

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Intel Xeon L7455 @ 2.13GHz	3836	1055	NA	NA
Intel Xeon MV 3.20GHz	683	2358	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26652	10	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	589	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	2	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	3	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	5	NA	NA
Intel Xeon Silver 4108 @ 1.80GHz	10722	258	23.83	\$449.99
Intel Xeon Silver 4109T @ 2.00GHz	10946	250	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11670	228	24.06	\$485.00
Intel Xeon Silver 4112 @ 2.60GHz	8611	435	16.75	\$513.99
Intel Xeon Silver 4114 @ 2.20GHz	14298	153	18.59	\$768.99
Intel Xeon Silver 4116 @ 2.10GHz	15417	127	14.68	\$1,049.99
Intel Xeon Silver 4123 @ 3.00GHz	15185	131	NA	NA
Intel Xeon W3503 @ 2.40GHz	1755	1778	108.25	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1844	1741	74.18	\$24.86
Intel Xeon W3520 @ 2.67GHz	5057	812	105.36	\$48.00
Intel Xeon W3530 @ 2.80GHz	5346	766	18.19	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	742	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5694	715	94.99	\$59.95*
Intel Xeon W3565 @ 3.20GHz	5939	688	84.91	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6062	679	12.63	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6366	648	29.68	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8121	473	16.24	\$499.99*
Intel Xeon W3680 @ 3.33GHz	9026	395	11.88	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9135	380	46.85	\$195.01*
Intel Xeon W5580 @ 3.20GHz	5836	702	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	661	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	6954	587	29.49	\$235.83*
Intel Xeon W-2104 @ 3.20GHz	7439	538	29.17	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10706	259	31.46	\$340.35*
Intel Xeon W-2125 @ 4.00GHz	12350	209	24.55	\$503.10*
Intel Xeon W-2133 @ 3.60GHz	14168	157	22.96	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16322	103	18.01	\$906.28
Intel Xeon W-2140B @ 3.20GHz	18610	71	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19674	58	16.49	\$1,193.20
Intel Xeon W-2150B @ 3.00GHz	21543	38	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21773	36	14.23	\$1,530.39*
Intel Xeon W-2175 @ 2.50GHz	24751	19	12.71	\$1,947.00*
Intel Xeon W-2195 @ 2.30GHz	25102	18	9.04	\$2,777.20
Intel Xeon X3210 @ 2.13GHz	2739	1386	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3089	1264	49.31	\$62.66
Intel Xeon X3230 @ 2.66GHz	3398	1167	9.44	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3309	1196	14.42	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3167	1238	163.59	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3379	1177	16.09	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1060	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1051	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3942	1037	24.96	\$157.95*
CPU Name				

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3363 @ 2.83GHz	3988	1024	117.00	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	968	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	885	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3351	1184	202.73	\$16.53
Intel Xeon X3440 @ 2.53GHz	4531	919	31.92	\$141.96
Intel Xeon X3450 @ 2.67GHz	4762	873	59.57	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5014	824	14.05	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5114	797	46.35	\$110.34
Intel Xeon X3480 @ 3.07GHz	5657	722	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1478	45.47	\$54.00
Intel Xeon X5270 @ 3.50GHz	2553	1445	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1502	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3181	1230	77.61	\$41.00*
Intel Xeon X5365 @ 3.00GHz	3491	1144	35.09	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4115	1002	82.32	\$49.99*
Intel Xeon X5460 @ 3.16GHz	4328	959	94.12	\$45.99*
Intel Xeon X5470 @ 3.33GHz	4585	906	24.26	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4014	1015	17.84	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4529	921	45.30	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	851	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5353	764	17.56	\$304.85
Intel Xeon X5560 @ 2.80GHz	5399	757	135.02	\$39.99
Intel Xeon X5570 @ 2.93GHz	5679	717	63.81	\$89.00*
Intel Xeon X5647 @ 2.93GHz	5920	690	29.64	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7376	550	105.40	\$69.99
Intel Xeon X5660 @ 2.80GHz	7581	526	72.15	\$105.07
Intel Xeon X5667 @ 3.07GHz	6291	652	79.63	\$79.00*
Intel Xeon X5670 @ 2.93GHz	7856	498	91.37	\$85.99
Intel Xeon X5672 @ 3.20GHz	6397	643	1.49	\$4,280.00
Intel Xeon X5675 @ 3.07GHz	8156	468	233.04	\$35.00*
Intel Xeon X5677 @ 3.47GHz	6951	588	182.55	\$38.08*
Intel Xeon X5679 @ 3.20GHz	8845	415	NA	NA
Intel Xeon X5680 @ 3.33GHz	8400	449	63.16	\$132.99
Intel Xeon X5687 @ 3.60GHz	7076	576	141.67	\$49.95*
Intel Xeon X5690 @ 3.47GHz	8878	411	49.66	\$178.78
Intel Xeon X5698 @ 4.40GHz	4272	969	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1300	NA	NA
Mobile AMD Athlon 4	314	2661	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2616	NA	NA
Mobile AMD Athlon 64 2700+	398	2567	NA	NA
Mobile AMD Athlon 64 2800+	440	2518	NA	NA
Mobile AMD Athlon 64 3000+	450	2506	NA	NA
Mobile AMD Athlon 64 3200+	448	2510	NA	NA
Mobile AMD Athlon 64 3400+	511	2449	NA	NA
Mobile AMD Athlon 64 3700+	435	2528	NA	NA
Mobile AMD Athlon 64 4000+	576	2411	NA	NA
Mobile AMD Athlon 1400+	266	2736	NA	NA
Mobile AMD Athlon 2500+	370	2600	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2737	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 Athlon MP-M 2000+	378	2589	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2691	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2460	NA	NA
Mobile AMD Athlon XP	572	2415	45.81	\$12.49
Mobile AMD Athlon XP-M	512	2448	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2818	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2740	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2742	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2648	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2686	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2633	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2679	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2610	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2628	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2625	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2599	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2608	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2607	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2519	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2466	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2453	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2698	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2689	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2639	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2597	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2482	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2455	NA	NA
Mobile AMD Sempron 2100+	252	2751	NA	NA
Mobile AMD Sempron 2600+	394	2574	NA	NA
Mobile AMD Sempron 2800+	361	2613	NA	NA
Mobile AMD Sempron 3000+	389	2583	NA	NA
Mobile AMD Sempron 3100+	416	2541	NA	NA
Mobile AMD Sempron 3200+	354	2620	NA	NA
Mobile AMD Sempron 3300+	445	2512	NA	NA
Mobile AMD Sempron 3400+	441	2517	NA	NA
Mobile AMD Sempron 3500+	408	2551	NA	NA
Mobile AMD Sempron 3600+	427	2536	NA	NA
Mobile AMD Sempron 3800+	485	2471	NA	NA
Mobile Intel Celeron 1.20GHz	170	2829	NA	NA
Mobile Intel Celeron 1.50GHz	188	2813	NA	NA
Mobile Intel Celeron 1.60GHz	188	2814	NA	NA
Mobile Intel Celeron 1.70GHz	181	2822	NA	NA
Mobile Intel Celeron 1.80GHz	186	2816	NA	NA
Mobile Intel Celeron 2.00GHz	204	2798	NA	NA
Mobile Intel Celeron 2.20GHz	226	2778	NA	NA
Mobile Intel Celeron 2.40GHz	239	2767	NA	NA
Mobile Intel Celeron 2.50GHz	281	2716	NA	NA
Mobile Intel Celeron 1200MHz	294	2692	NA	NA
Mobile Intel Celeron 1333MHz	280	2719	NA	NA
CPU Name				

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 2.30GHz	278	2724	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2739	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2721	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2659	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2636	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2617	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2520	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2480	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2808	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2828	0.83	\$209.99*
Mobile Intel Pentium 4 - M 1.80GHz	175	2825	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2773	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2803	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2805	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2789	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2746	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2663	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2792	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2804	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2755	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2696	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2779	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2697	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1465	NA	NA
Quad-Core AMD Opteron 1385	3442	1159	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3446	1157	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1320	NA	NA
VIA C3 Ezra	100	2857	NA	NA
VIA C7 1500MHz	284	2708	NA	NA
VIA C7-D 1500MHz	287	2704	NA	NA
VIA C7-D 1800MHz	203	2800	NA	NA
VIA C7-D 2000MHz	368	2603	NA	NA
VIA C7-M 1000MHz	164	2831	NA	NA
VIA C7-M 1200MHz	140	2844	NA	NA
VIA C7-M 1600MHz	178	2824	NA	NA
VIA C7-M 6300MHz	222	2781	NA	NA
VIA Eden 800MHz	155	2835	NA	NA
VIA Eden 1000MHz	123	2852	NA	NA
VIA Eden 1200MHz	142	2843	NA	NA
VIA Eden C1050@1.06GHz	352	2623	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2478	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	2106	NA	NA
VIA Esther 1000MHz	146	2842	NA	NA
VIA Esther 1300MHz	250	2753	NA	NA
VIA Esther 1500MHz	219	2783	NA	NA
VIA Esther 2000MHz	394	2573	NA	NA
VIA Nano L1900@1400MHz	457	2500	NA	NA
VIA Nano L2007@1600MHz	369	2601	NA	NA
VIA Nano L2100@1800MHz	428	2534	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 Nano L2207@1600MHz	296	2688	NA	NA
VIA Nano L3025@1600MHz	517	2445	NA	NA
VIA Nano L3050@1800MHz	581	2408	NA	NA
VIA Nano L3600@2000MHz	645	2374	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2590	NA	NA
VIA Nano U2250@1300+MHz	274	2728	NA	NA
VIA Nano U2500@1200MHz	306	2670	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2457	NA	NA
VIA Nano U3300@1200MHz	409	2549	NA	NA
VIA Nano U3500@1000MHz	275	2726	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2393	NA	NA
VIA Nehemiah	155	2836	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1715	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1976	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2087	NA	NA
VIA Samuel 2	79	2859	NA	NA

\* - Last price seen from our affiliates.

## Kvalitní výsledky

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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	296	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	127	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	399	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	405	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	450	NA	NA
[Dual CPU] AMD EPYC 7281	12720	181	8.72	\$1,457.98
[Dual CPU] AMD EPYC 7371	23933	66	NA	NA
[Dual CPU] AMD EPYC 7401	23518	67	5.72	\$4,107.98
[Dual CPU] AMD EPYC 7451	28957	34	5.48	\$5,285.98
[Dual CPU] AMD EPYC 7501	29003	33	3.87	\$7,502.32
[Dual CPU] AMD EPYC 7551	30966	23	4.10	\$7,555.98
[Dual CPU] AMD EPYC 7601	33545	16	3.89	\$8,625.02
[Dual CPU] AMD Opteron 246	1130	439	4.04	\$279.90
[Dual CPU] AMD Opteron 248	1053	440	5.27	\$199.90*
[Dual CPU] AMD Opteron 250	1438	436	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	437	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	445	NA	NA
[Dual CPU] AMD Opteron 256	1853	433	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	431	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	427	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	430	16.41	\$129.98*
[Dual CPU] AMD Opteron 280	2452	422	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	412	NA	NA
[Dual CPU] AMD Opteron 290	2716	414	10.06	\$270.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 885	2851	408	NA	NA
[Dual CPU] AMD Opteron 2212	2203	428	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	423	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	420	NA	NA
[Dual CPU] AMD Opteron 2216	2485	419	50.10	\$49.60*
[Dual CPU] AMD Opteron 2216 HE	2593	416	NA	NA
[Dual CPU] AMD Opteron 2218	2719	413	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	417	NA	NA
[Dual CPU] AMD Opteron 2220	2854	407	1.88	\$1,517.68
[Dual CPU] AMD Opteron 2220 SE	2882	406	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	403	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	397	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	387	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	394	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	388	7.55	\$539.98*
[Dual CPU] AMD Opteron 2354	4554	376	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	379	42.70	\$104.00
[Dual CPU] AMD Opteron 2360 SE	5315	358	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	385	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	372	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	359	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	357	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	345	63.93	\$90.00*
[Dual CPU] AMD Opteron 2384	5914	341	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	331	NA	NA
[Dual CPU] AMD Opteron 2389	5677	346	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	361	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	333	NA	NA
[Dual CPU] AMD Opteron 2427	5907	342	29.83	\$198.00
[Dual CPU] AMD Opteron 2431	6438	325	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7068	311	18.70	\$378.00
[Dual CPU] AMD Opteron 2439 SE	8071	281	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	389	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	348	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	328	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	326	7.77	\$819.90*
[Dual CPU] AMD Opteron 4184	7813	289	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	280	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	284	NA	NA
[Dual CPU] AMD Opteron 4234	9361	249	20.35	\$459.98*
[Dual CPU] AMD Opteron 4276 HE	9681	242	NA	NA
[Dual CPU] AMD Opteron 4280	4525	377	45.25	\$100.00*
[Dual CPU] AMD Opteron 4284	9151	250	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9456	248	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	221	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	229	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	207	40.57	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	318	22.69	\$298.00
[Dual CPU] AMD Opteron 6128 HE	5582	351	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	265	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6134	7586	298	86.22	\$87.98*
[Dual CPU] AMD Opteron 6136	7255	305	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	364	NA	NA
[Dual CPU] AMD Opteron 6168	7741	293	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7621	297	38.49	\$198.00
[Dual CPU] AMD Opteron 6174	8056	283	40.69	\$198.00
[Dual CPU] AMD Opteron 6176 SE	8448	270	26.57	\$318.00
[Dual CPU] AMD Opteron 6180 SE	3114	400	10.05	\$309.98
[Dual CPU] AMD Opteron 6204	7134	307	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8960	256	149.38	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	216	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	232	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	223	14.38	\$719.78
[Dual CPU] AMD Opteron 6272	10008	237	26.90	\$371.98
[Dual CPU] AMD Opteron 6274	10536	219	22.04	\$478.00
[Dual CPU] AMD Opteron 6275	10900	215	NA	NA
[Dual CPU] AMD Opteron 6276	10194	231	27.86	\$365.96
[Dual CPU] AMD Opteron 6284 SE	11985	196	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	271	13.47	\$619.96
[Dual CPU] AMD Opteron 6320	10716	217	19.20	\$558.00
[Dual CPU] AMD Opteron 6328	11842	199	11.61	\$1,019.96
[Dual CPU] AMD Opteron 6344	11203	210	13.83	\$809.96
[Dual CPU] AMD Opteron 6348	11412	204	28.53	\$399.98*
[Dual CPU] AMD Opteron 6376	10405	222	18.00	\$578.00
[Dual CPU] AMD Opteron 6378	9145	251	22.86	\$399.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6380	14200	164	23.05	\$616.00
[Dual CPU] AMD Opteron 6386 SE	12195	191	40.65	\$299.98*
[Dual CPU] AMD Opteron 8218	2831	409	61.54	\$46.00
[Dual CPU] AMD Opteron 8220	2510	418	50.22	\$49.98*
[Dual CPU] AMD Opteron 8222 SE	2793	411	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	398	67.15	\$48.00
[Dual CPU] AMD Opteron 8380	5643	349	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	360	NA	NA
[Dual CPU] AMD Opteron 8389	6517	322	41.25	\$158.00
[Dual CPU] AMD Opteron 8431	5813	343	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	319	46.80	\$144.00*
[Dual CPU] AMD Opteron 8439 SE	7691	295	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	438	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	425	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	393	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	286	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	459	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	457	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	454	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	541	453	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	460	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	461	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	458	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	456	25.99	\$18.20*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon 2.66GHz	601	451	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	447	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	446	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	449	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	444	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	443	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	442	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	432	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	441	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2152	429	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	424	0.71	\$3,239.98
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	415	41.62	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	401	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2978	404	31.69	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	402	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3424	395	12.23	\$279.90
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3828	391	51.05	\$74.98
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8809	261	19.58	\$449.98
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11024	213	16.70	\$659.98
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	334	20.82	\$298.00
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	330	16.68	\$378.00
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	304	10.90	\$670.08
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	254	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11387	206	14.60	\$780.04
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	198	35.29	\$337.48
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	274	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	170	66.77	\$204.24
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	166	28.74	\$478.90
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	205	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	186	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	180	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15063	154	20.41	\$738.00
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	137	20.24	\$818.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	201	45.06	\$260.00
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	136	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	121	18.24	\$1,018.00
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	329	127.05	\$49.90*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	321	110.06	\$59.24*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8347	272	11.31	\$738.00
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8910	260	19.37	\$459.98
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8195	277	93.15	\$87.98
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8987	255	32.19	\$279.20
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	236	12.57	\$798.00
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	214	17.18	\$639.98
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12332	187	61.30	\$201.18
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13363	177	192.83	\$69.30
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15206	152	20.60	\$738.00
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16470	138	20.80	\$791.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14313	163	17.67	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	184	11.37	\$1,098.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	158	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13584	175	70.76	\$191.98
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15987	144	47.02	\$339.98
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18485	122	10.57	\$1,749.14
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18725	119	13.69	\$1,367.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	211	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	168	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	153	22.33	\$679.90
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	302	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15900	147	13.12	\$1,211.98
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16408	140	6.33	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16704	135	7.69	\$2,171.98
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14657	157	66.63	\$219.98
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14464	160	19.60	\$738.00
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19892	110	31.88	\$623.98*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20786	101	10.39	\$1,999.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13671	169	44.08	\$310.12
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20750	102	94.32	\$220.00*
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21016	95	13.05	\$1,609.98
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	88	6.48	\$3,321.22
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	190	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	165	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	125	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	14948	155	39.54	\$378.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19043	117	39.67	\$479.98
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20262	105	14.49	\$1,398.00
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20576	104	8.57	\$2,399.98
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	161	91.04	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14506	159	47.06	\$308.24
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	96	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13634	171	4.66	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	118	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	113	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16327	141	79.26	\$205.98
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17809	126	47.11	\$378.00
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22577	80	22.18	\$1,018.00
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23225	75	7.74	\$2,999.98
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	77	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17131	131	76.48	\$223.98
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	57	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16940	132	132.59	\$127.76*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22563	81	56.41	\$399.98*
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22665	79	4.28	\$5,298.00
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23172	76	5.77	\$4,018.00*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18165	124	50.72	\$358.14
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20858	100	56.38	\$369.98
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	84	18.04	\$1,239.98
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	70	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	74	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	29	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	108	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	89	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	27	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18186	123	53.81	\$337.98
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21484	90	46.71	\$459.98*
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24464	62	24.03	\$1,018.00
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	71	7.74	\$3,018.00
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	133	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21159	93	5.82	\$3,638.00
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	56	5.92	\$4,222.04*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	85	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	47	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	36	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20889	97	3.96	\$5,273.00*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23305	73	5.54	\$4,209.80
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24157	64	4.33	\$5,578.00
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	48	6.13	\$4,349.98
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	109	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	51	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19309	115	26.16	\$738.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23495	68	19.95	\$1,177.98
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25396	53	12.80	\$1,983.68
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27291	46	6.29	\$4,339.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20858	99	25.50	\$818.00*
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	58	6.18	\$4,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	61	4.69	\$5,258.84*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23483	69	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	26	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31807	21	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23323	72	5.90	\$3,949.82
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27443	44	20.48	\$1,339.98
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30631	25	5.52	\$5,551.98
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	39	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29093	32	4.25	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	19	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	65	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26333	49	5.25	\$5,018.00
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	14	3.46	\$9,819.90
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	103	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	112	19.15	\$1,017.90
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	148	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	116	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	111	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18712	120	97.98	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	156	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	218	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	82	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	43	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	192	44.98	\$270.00
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	150	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 E7-4890 v2 @ 2.80GHz	22412	83	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	195	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	16047	142	42.45	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	235	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	426	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	390	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3566	392	36.39	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4166	384	53.75	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	367	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4563	375	128.39	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5122	363	64.04	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5152	362	43.66	\$118.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6010	338	14.38	\$417.90
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6350	327	12.21	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6846	317	49.61	\$138.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7134	308	188.23	\$37.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7511	299	93.91	\$79.98
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7103	309	130.09	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7796	290	129.76	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	421	12.93	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	410	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4878	371	34.87	\$139.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4999	366	39.67	\$126.02
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	354	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7418	301	91.94	\$80.68
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	294	183.52	\$41.98*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	287	66.51	\$118.00
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	386	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5507	352	12.57	\$438.00
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5956	340	13.60	\$438.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8060	282	300.30	\$26.84
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8280	275	118.29	\$70.00
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8694	263	73.07	\$118.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10321	226	47.79	\$215.96
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10327	225	44.90	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	353	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	356	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	87	8.41	\$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	63	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	92	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22049	86	8.54	\$2,582.54
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	55	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17576	128	6.92	\$2,539.98
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	45	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27819	41	7.73	\$3,597.52
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22869	78	6.22	\$3,675.98*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	24660	60	6.32	\$3,899.98
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	42	6.24	\$4,410.00
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25308	54	5.55	\$4,558.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29596	30	5.52	\$5,362.68*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	40	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	33989	15	6.34	\$5,359.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	18	6.68	\$4,879.98
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	35	4.70	\$6,139.98
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28594	37	4.89	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29885	28	3.75	\$7,965.02
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36813	7	5.66	\$6,507.98
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	22	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33530	17	4.41	\$7,599.98
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36932	6	4.91	\$7,519.78*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	378	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	382	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	369	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	350	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	335	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	324	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	337	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	368	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	315	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	314	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	285	206.10	\$38.52*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	313	53.89	\$130.00*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	257	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	244	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9666	243	161.26	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	452	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	455	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	448	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	434	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	8	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	35823	10	2.32	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	31	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	4	3.33	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	11	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	9	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	5	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	145	17.75	\$899.98
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16434	139	16.94	\$970.00
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	174	13.24	\$1,027.98
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19356	114	12.59	\$1,537.98
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21018	94	10.01	\$2,099.98
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	107	19.96	\$1,002.00*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10079	233	47.08	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	224	2.06	\$5,017.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	228	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	373	44.05	\$108.00
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	374	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	370	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5754	344	70.17	\$82.00*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6210	332	31.21	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7447	300	74.48	\$99.98*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7834	288	85.17	\$91.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	279	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	291	17.28	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8193	278	40.97	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8682	264	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8934	259	14.65	\$609.70
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	252	113.58	\$79.98
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9533	247	53.56	\$178.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	239	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11299	209	80.72	\$139.98
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11595	202	55.18	\$210.14
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10279	227	65.06	\$158.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12261	189	71.29	\$171.98
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	234	1.18	\$8,560.00
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12505	183	178.64	\$70.00*
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11305	208	148.44	\$76.16*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	173	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13549	176	50.94	\$265.98
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11940	197	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	167	38.47	\$357.56
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	269	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	320	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	262	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	238	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11794	200	268.05	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	383	46.34	\$90.00*
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	365	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	381	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	380	36.47	\$120.00
[Dual CPU] Quad-Core AMD Opteron 8378	5382	355	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	316	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	347	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	339	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	273	NA	NA
[Quad CPU] AMD Opteron 6136	9767	240	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	267	21.70	\$396.00
[Quad CPU] AMD Opteron 6272	12292	188	16.52	\$743.96
[Quad CPU] AMD Opteron 6274	10488	220	10.97	\$956.00
[Quad CPU] AMD Opteron 6276	15342	151	20.96	\$731.92
[Quad CPU] AMD Opteron 6278	12055	193	9.75	\$1,236.00*
[Quad CPU] AMD Opteron 6282 SE	11044	212	21.24	\$519.96*
[Quad CPU] AMD Opteron 6376	13257	178	11.47	\$1,156.00
[Quad CPU] AMD Opteron 6378	20859	98	26.08	\$799.96*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 6380	12442	185	10.10	\$1,232.00
[Quad CPU] AMD Opteron 8360 SE	6490	323	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	336	NA	NA
[Quad CPU] AMD Opteron 8382	8553	268	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	303	NA	NA
[Quad CPU] AMD Opteron 8431	8252	276	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	310	24.65	\$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	258	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	435	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	396	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	134	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	146	29.66	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	172	20.04	\$680.00*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	59	12.12	\$2,035.80
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	91	55.95	\$381.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	50	12.87	\$2,035.80
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	24	2.14	\$14,436.00
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	106	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	143	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	13	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	38	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	20	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	130	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17287	129	131.00	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14316	162	18.94	\$756.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	182	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	149	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	312	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	292	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	230	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	245	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	253	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	52	5.15	\$5,079.96
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	12	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	3	2.68	\$15,199.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	241	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	246	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	194	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	266	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	203	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	13145	179	149.38	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	306	29.88	\$240.00

\* - Last price seen from our affiliates.



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