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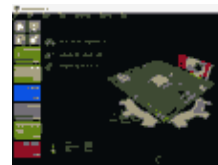
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CPU List

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

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Single CPU Systems

Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2527	NA	NA
AMD A4 Micro-6400T APU	1544	1717	NA	NA
AMD A4 PRO-3340B	2402	1337	NA	NA
AMD A4 PRO-7300B APU	2342	1356	NA	NA
AMD A4 PRO-7350B	2794	1208	NA	NA
AMD A4-1200 APU	641	2205	NA	NA
AMD A4-1250 APU	611	2217	NA	NA
AMD A4-3300 APU	1506	1738	115.98	\$12.99
AMD A4-3300M APU	1183	1906	39.47	\$29.99*
AMD A4-3305M APU	1223	1886	40.78	\$30.00*
AMD A4-3310MX APU	1291	1842	NA	NA
AMD A4-3320M APU	1256	1868	40.53	\$31.00
AMD A4-3330MX APU	1217	1889	NA	NA
AMD A4-3400 APU	1596	1697	18.15	\$87.95
AMD A4-3420 APU	1676	1653	NA	NA
AMD A4-4000 APU	1817	1585	38.94	\$46.67
AMD A4-4020 APU	1918	1531	37.14	\$51.66
AMD A4-4300M APU	1614	1685	40.51	\$39.86
AMD A4-4355M APU	1173	1910	NA	NA
AMD A4-5000 APU	1903	1535	NA	NA
AMD A4-5050 APU	2134	1441	NA	NA
AMD A4-5100 APU	2082	1465	NA	NA
AMD A4-5150M APU	1820	1581	NA	NA
AMD A4-5300 APU	2004	1493	45.56	\$43.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5300B APU	2053	1473	54.04	\$38.00*
AMD A4-6210 APU	2149	1434	NA	NA
AMD A4-6250J APU	2556	1283	NA	NA
AMD A4-6300 APU	2216	1412	49.34	\$44.92
AMD A4-6300B APU	2129	1443	21.30	\$100.00*
AMD A4-6320 APU	2322	1361	22.31	\$104.09*
AMD A4-7210 APU	2491	1305	NA	NA
AMD A4-7300 APU	2288	1378	62.06	\$36.88
AMD A4-9120	1833	1576	NA	NA
AMD A6 Micro-6500T APU	1834	1575	NA	NA
AMD A6 PRO-7050B APU	1587	1701	NA	NA
AMD A6 PRO-7400B	2749	1225	NA	NA
AMD A6-1450 APU	1522	1727	NA	NA
AMD A6-3400M APU	1896	1541	65.40	\$29.00*
AMD A6-3410MX APU	2056	1471	68.59	\$29.99*
AMD A6-3420M APU	2004	1492	NA	NA
AMD A6-3430MX APU	2225	1411	NA	NA
AMD A6-3500 APU	2008	1490	23.26	\$86.36
AMD A6-3600 APU	2705	1237	117.67	\$22.99*
AMD A6-3620 APU	2809	1204	46.84	\$59.99*
AMD A6-3650 APU	3160	1093	21.07	\$149.99*
AMD A6-3670 APU	3197	1078	33.50	\$95.45
AMD A6-4400M APU	1630	1679	40.91	\$39.86*
AMD A6-4455M APU	1284	1850	NA	NA
AMD A6-5200 APU	2419	1330	NA	NA
AMD A6-5345M APU	1476	1750	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5350M APU	1903	1536	44.14	\$43.12
AMD A6-5357M APU	1938	1520	NA	NA
AMD A6-5400B APU	2177	1425	20.73	\$105.04*
AMD A6-5400K APU	2148	1435	24.62	\$87.27
AMD A6-6310 APU	2434	1325	NA	NA
AMD A6-6400B APU	2281	1386	NA	NA
AMD A6-6400K APU	2297	1375	40.84	\$56.26
AMD A6-6420B APU	2612	1262	NA	NA
AMD A6-6420K APU	2351	1355	33.12	\$71.00*
AMD A6-7000	1671	1656	NA	NA
AMD A6-7310 APU	2683	1244	NA	NA
AMD A6-7400K APU	2790	1209	57.12	\$48.85
AMD A6-7470K	2817	1199	28.21	\$99.90
AMD A6-8500P	2183	1422	NA	NA
AMD A6-8550	3104	1106	NA	NA
AMD A6-9200	1895	1542	NA	NA
AMD A6-9210	1920	1529	NA	NA
AMD A6-9220	2310	1366	NA	NA
AMD A6-9220e	1509	1736	NA	NA
AMD A6-9230	2274	1389	NA	NA
AMD A6-9500	2963	1151	53.32	\$55.59
AMD A8 PRO-7150B APU	2691	1240	NA	NA
AMD A8 PRO-7600B APU	4847	719	NA	NA
AMD A8-3500M APU	1974	1503	28.23	\$69.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-3510MX APU	2382	1343	NA	NA
AMD A8-3520M APU	2178	1424	NA	NA
AMD A8-3530MX APU	2382	1341	NA	NA
AMD A8-3550MX APU	2610	1263	NA	NA
AMD A8-3800 APU	3048	1126	17.93	\$169.99*
AMD A8-3820 APU	3146	1098	25.17	\$124.99*
AMD A8-3850 APU	3472	1005	32.86	\$105.68
AMD A8-3870K APU	3572	981	17.73	\$201.54*
AMD A8-4500M APU	2662	1247	NA	NA
AMD A8-4555M APU	2122	1448	NA	NA
AMD A8-5500 APU	3992	883	30.95	\$129.00*
AMD A8-5500B APU	3967	889	NA	NA
AMD A8-5545M APU	2583	1273	NA	NA
AMD A8-5550M APU	2999	1139	NA	NA
AMD A8-5557M APU	2959	1154	NA	NA
AMD A8-5600K APU	4340	817	18.93	\$229.30
AMD A8-6410 APU	2564	1282	NA	NA
AMD A8-6500 APU	4386	805	27.25	\$160.99*
AMD A8-6500B APU	4571	774	NA	NA
AMD A8-6500T APU	3221	1070	NA	NA
AMD A8-6600K APU	4578	771	24.22	\$189.04*
AMD A8-7050	1986	1502	NA	NA
AMD A8-7100 APU	2821	1196	NA	NA
AMD A8-7200P	3300	1048	NA	NA
AMD A8-7410 APU	2743	1228	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7600 APU	5106	673	24.91	\$205.00
AMD A8-7650K	4925	710	55.76	\$88.33
AMD A8-7670K	5105	674	31.48	\$162.20
AMD A8-8600P	3248	1063	NA	NA
AMD A8-8650	5470	624	NA	NA
AMD A8-9600	4963	700	77.56	\$63.99
AMD A9-9400	2271	1392	NA	NA
AMD A9-9410	2574	1277	NA	NA
AMD A9-9420	2332	1359	NA	NA
AMD A9-9420e	1474	1751	NA	NA
AMD A9-9430	2737	1230	NA	NA
AMD A10 Micro-6700T APU	1890	1547	NA	NA
AMD A10 PRO-7350B APU	3241	1066	NA	NA
AMD A10 PRO-7800B APU	5409	632	NA	NA
AMD A10 PRO-7850B APU	5465	626	NA	NA
AMD A10-4600M APU	3114	1104	NA	NA
AMD A10-4655M APU	2591	1269	NA	NA
AMD A10-4657M APU	2906	1171	NA	NA
AMD A10-5700 APU	4205	840	8.17	\$514.70*
AMD A10-5745M APU	2759	1220	NA	NA
AMD A10-5750M APU	3343	1038	NA	NA
AMD A10-5757M APU	3086	1110	NA	NA
AMD A10-5800B APU	4658	750	NA	NA
AMD A10-5800K APU	4637	754	36.81	\$125.99*
AMD A10-6700 APU	4604	764	9.06	\$508.16*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-6700T APU	3691	953	26.37	\$139.99
AMD A10-6790K APU	4704	743	22.75	\$206.82*
AMD A10-6800B APU	4991	695	NA	NA
AMD A10-6800K APU	4872	714	16.99	\$286.85*
AMD A10-7300 APU	2911	1168	NA	NA
AMD A10-7400P	3634	962	NA	NA
AMD A10-7700K APU	5132	666	25.68	\$199.89
AMD A10-7800 APU	5003	694	47.66	\$104.99*
AMD A10-7850K APU	5479	621	13.73	\$398.98*
AMD A10-7860K	5098	675	33.90	\$150.39
AMD A10-7870K	5487	620	32.24	\$170.20
AMD A10-7890K	5751	590	31.46	\$182.82
AMD A10-8700P	3459	1009	NA	NA
AMD A10-8750	5106	672	NA	NA
AMD A10-8850	5613	604	NA	NA
AMD A10-9600P	3812	920	NA	NA
AMD A10-9620P	3847	908	NA	NA
AMD A10-9630P	4492	788	NA	NA
AMD A10-9700	5106	671	56.81	\$89.89
AMD A10-9700E	4775	735	51.92	\$91.99
AMD A12-9700P	3749	940	NA	NA
AMD A12-9720P	3999	882	NA	NA
AMD A12-9730P	4353	813	NA	NA
AMD A12-9800	5551	613	37.76	\$147.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A12-9800E	5060	681	42.43	\$119.26
AMD Athlon64 X2 Dual Core 3800+	970	2032	NA	NA
AMD Athlon64 X2 Dual Core 4200+	1006	2007	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	1946	NA	NA
AMD Athlon 4	279	2547	5.72	\$48.91
AMD Athlon 64 2000+	116	2681	NA	NA
AMD Athlon 64 2200+	575	2237	NA	NA
AMD Athlon 64 2600+	374	2420	NA	NA
AMD Athlon 64 2800+	438	2349	4.38	\$99.99*
AMD Athlon 64 3000+	462	2321	9.25	\$50.00
AMD Athlon 64 3200+	491	2288	3.28	\$149.95*
AMD Athlon 64 3300+	576	2236	NA	NA
AMD Athlon 64 3400+	545	2249	NA	NA
AMD Athlon 64 3500+	540	2256	5.35	\$100.95
AMD Athlon 64 3600+	601	2224	NA	NA
AMD Athlon 64 3700+	599	2225	8.69	\$69.00
AMD Athlon 64 3800+	588	2229	4.20	\$139.95*
AMD Athlon 64 4000+	605	2219	3.06	\$197.95*
AMD Athlon 64 FX-25	794	2132	NA	NA
AMD Athlon 64 FX-34	380	2413	NA	NA
AMD Athlon 64 FX-51	437	2350	NA	NA
AMD Athlon 64 FX-53	646	2199	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2163	4.01	\$179.95
AMD Athlon 64 FX-57	730	2159	NA	NA
AMD Athlon 64 FX-59	715	2167	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1852	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-62 Dual Core	1579	1705	NA	NA
AMD Athlon 64 FX-72	1794	1591	NA	NA
AMD Athlon 64 FX-74	1495	1743	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2045	NA	NA
AMD Athlon 64 X2 4200+	1285	1848	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1799	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2019	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	968	2034	16.15	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1001	2011	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1040	1986	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	1951	6.11	\$179.95
AMD Athlon 64 X2 Dual Core 4400+	1148	1927	19.14	\$60.00*
AMD Athlon 64 X2 Dual Core 4600+	1222	1887	3.40	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1257	1867	2.73	\$459.95
AMD Athlon 64 X2 Dual Core 5000+	1312	1827	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1383	1790	26.06	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1451	1761	27.39	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1481	1748	9.88	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1722	38.26	\$39.95
AMD Athlon 64 X2 Dual Core 6000+	1604	1694	49.36	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1792	1592	6.89	\$259.95
AMD Athlon 64 X2 Dual Core BE-230	1095	1955	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	1965	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core BE-2350	1044	1983	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2112	24.03	\$34.95*
AMD Athlon 64 X2 Dual Core TK-55	839	2113	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2031	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2091	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2123	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	872	2092	11.99	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	926	2065	NA	NA
AMD Athlon 64 X2 QL-60	920	2074	NA	NA
AMD Athlon 64 X2 QL-62	1014	2001	NA	NA
AMD Athlon 64 X2 QL-64	989	2023	NA	NA
AMD Athlon 64 X2 QL-65	1042	1984	NA	NA
AMD Athlon 64 X2 QL-66	945	2052	NA	NA
AMD Athlon 64 X2 QL-67	1006	2006	NA	NA
AMD Athlon 64 X2 TK-55	955	2046	NA	NA
AMD Athlon 64 X2 TK-57	988	2024	NA	NA
AMD Athlon 1500+	294	2520	NA	NA
AMD Athlon 1640B	678	2187	13.57	\$50.00*
AMD Athlon 1700+	349	2450	NA	NA
AMD Athlon 2000+	390	2407	NA	NA
AMD Athlon 2100+	412	2371	NA	NA
AMD Athlon 2200+	363	2437	4.55	\$79.99*
AMD Athlon 2400+	462	2322	NA	NA
AMD Athlon 2500+	374	2419	2.04	\$183.99*
AMD Athlon 2600+	444	2341	4.23	\$104.95*
AMD Athlon 2650e	410	2373	21.61	\$19.00*
AMD Athlon 2800+	447	2338	8.96	\$49.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 2850e	504	2282	NA	NA
AMD Athlon 3100+	485	2300	NA	NA
AMD Athlon 3200+	458	2325	6.55	\$69.95*
AMD Athlon 5000 Dual-Core	1292	1840	12.93	\$99.95*
AMD Athlon 5150 APU	2098	1457	19.43	\$108.00*
AMD Athlon 5200 Dual-Core	1248	1875	16.91	\$73.86
AMD Athlon 5350 APU	2599	1267	7.08	\$367.00*
AMD Athlon 5370 APU	2898	1177	45.51	\$63.70*
AMD Athlon 7450 Dual-Core	1442	1768	NA	NA
AMD Athlon 7550 Dual-Core	1458	1756	24.30	\$60.00
AMD Athlon 7750 Dual-Core	1579	1704	10.62	\$148.71*
AMD Athlon 7850 Dual-Core	1717	1628	8.19	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2530	NA	NA
AMD Athlon Dual Core 4050e	1086	1962	NA	NA
AMD Athlon Dual Core 4450B	1167	1916	37.65	\$31.00
AMD Athlon Dual Core 4450e	1101	1950	NA	NA
AMD Athlon Dual Core 4850B	1447	1763	NA	NA
AMD Athlon Dual Core 4850e	1316	1826	33.75	\$39.00*
AMD Athlon Dual Core 5000B	1304	1833	13.73	\$95.00*
AMD Athlon Dual Core 5050e	1350	1811	22.50	\$60.00*
AMD Athlon Dual Core 5200B	1328	1821	NA	NA
AMD Athlon Dual Core 5400B	1424	1775	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 5600B	1304	1832	NA	NA
AMD Athlon II 160u	560	2246	18.68	\$29.99*
AMD Athlon II 170u	626	2212	20.91	\$29.95*
AMD Athlon II Dual-Core M300	1114	1941	NA	NA
AMD Athlon II Dual-Core M320	1140	1933	38.02	\$30.00*
AMD Athlon II Dual-Core M340	1056	1978	NA	NA
AMD Athlon II N330 Dual-Core	1154	1923	NA	NA
AMD Athlon II N350 Dual-Core	1247	1878	NA	NA
AMD Athlon II N370 Dual-Core	1559	1712	NA	NA
AMD Athlon II Neo K125	467	2315	NA	NA
AMD Athlon II Neo K145	525	2264	NA	NA
AMD Athlon II Neo K325 Dual-Core	774	2139	29.81	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2103	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2133	NA	NA
AMD Athlon II P320 Dual-Core	1215	1890	40.59	\$29.95
AMD Athlon II P340 Dual-Core	1251	1873	27.85	\$44.95*
AMD Athlon II P360 Dual-Core	1322	1825	55.10	\$24.00
AMD Athlon II X2 210e	1486	1746	NA	NA
AMD Athlon II X2 215	1580	1703	131.78	\$11.99*
AMD Athlon II X2 220	1633	1677	50.74	\$32.19
AMD Athlon II X2 225	1526	1724	NA	NA
AMD Athlon II X2 235e	1657	1666	9.12	\$181.88*
AMD Athlon II X2 240	1644	1670	47.05	\$34.95
AMD Athlon II X2 240e	1695	1643	48.50	\$34.95*
AMD Athlon II X2 245	1682	1650	48.14	\$34.95*
AMD Athlon II X2 245e	1706	1631	21.33	\$80.00*
AMD Athlon II X2 250	1749	1613	44.92	\$38.95
AMD Athlon II X2 250e	1949	1515	25.41	\$76.73*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 250u	999	2012	25.03	\$39.95*
AMD Athlon II X2 255	1846	1568	28.30	\$65.22*
AMD Athlon II X2 260	1872	1559	39.02	\$48.00*
AMD Athlon II X2 260u	1106	1947	13.26	\$83.44*
AMD Athlon II X2 265	1881	1552	22.71	\$82.88*
AMD Athlon II X2 270	1989	1499	19.90	\$99.99*
AMD Athlon II X2 270u	1350	1810	19.96	\$67.67*
AMD Athlon II X2 280	2164	1430	21.64	\$99.99*
AMD Athlon II X2 4300e	1350	1809	NA	NA
AMD Athlon II X2 4400e	1618	1684	NA	NA
AMD Athlon II X2 4450e	1504	1739	NA	NA
AMD Athlon II X2 B22	1701	1636	81.04	\$21.00*
AMD Athlon II X2 B24	1784	1594	44.67	\$39.95*
AMD Athlon II X2 B26	1878	1554	41.79	\$44.95
AMD Athlon II X2 B28	2112	1452	43.06	\$49.05
AMD Athlon II X3 400e	2009	1489	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1483	25.32	\$79.99*
AMD Athlon II X3 415e	2247	1402	29.97	\$75.00*
AMD Athlon II X3 420e	2286	1381	19.68	\$116.15*
AMD Athlon II X3 425	2317	1363	27.56	\$84.09
AMD Athlon II X3 425e	2239	1406	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 435	2469	1315	28.60	\$86.36
AMD Athlon II X3 440	2568	1281	54.71	\$46.95*
AMD Athlon II X3 445	2583	1274	28.39	\$91.00*
AMD Athlon II X3 450	2627	1256	58.46	\$44.95
AMD Athlon II X3 455	2772	1213	29.75	\$93.18
AMD Athlon II X3 460	2856	1186	57.13	\$49.99*
AMD Athlon II X4 553	3814	918	NA	NA
AMD Athlon II X4 555	3830	915	NA	NA
AMD Athlon II X4 559	4167	851	NA	NA
AMD Athlon II X4 600e	2453	1319	18.84	\$130.23*
AMD Athlon II X4 605e	2745	1227	26.97	\$101.80*
AMD Athlon II X4 610e	2798	1207	39.99	\$69.99*
AMD Athlon II X4 615e	2901	1176	49.17	\$59.00*
AMD Athlon II X4 620	2940	1160	45.27	\$64.95*
AMD Athlon II X4 620e	2906	1172	NA	NA
AMD Athlon II X4 630	3136	1101	49.83	\$62.95
AMD Athlon II X4 631 Quad-Core	3155	1095	39.44	\$80.00*
AMD Athlon II X4 635	3256	1062	46.55	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1077	NA	NA
AMD Athlon II X4 640	3318	1043	41.50	\$79.95
AMD Athlon II X4 641 Quad-Core	3361	1034	36.74	\$91.50*
AMD Athlon II X4 645	3476	1002	34.78	\$99.95*
AMD Athlon II X4 650	3474	1004	20.85	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	979	20.09	\$178.04*
AMD Athlon II X4 655	2880	1181	NA	NA
AMD Athlon II X4 6400e	2594	1268	NA	NA
AMD Athlon L110	306	2498	NA	NA
AMD Athlon LE-1600	567	2243	27.04	\$21.00*
AMD Athlon LE-1620	572	2239	31.83	\$18.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon LE-1640	630	2209	NA	NA
AMD Athlon LE-1660	676	2189	NA	NA
AMD Athlon MP	230	2603	4.20	\$54.95*
AMD Athlon MP 1700+	339	2462	NA	NA
AMD Athlon MP 2400+	436	2352	NA	NA
AMD Athlon MP 2800+	497	2284	NA	NA
AMD Athlon Neo MV-40	410	2374	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2010	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2138	NA	NA
AMD Athlon Neo X2 Dual Core L335	827	2118	NA	NA
AMD Athlon QI-46	473	2312	NA	NA
AMD Athlon TF-20	418	2367	NA	NA
AMD Athlon TF-36	358	2440	NA	NA
AMD Athlon X2 215	1511	1734	NA	NA
AMD Athlon X2 235e	1806	1586	NA	NA
AMD Athlon X2 240	1575	1709	NA	NA
AMD Athlon X2 240e	1670	1657	NA	NA
AMD Athlon X2 250	1696	1641	NA	NA
AMD Athlon X2 255	1627	1681	NA	NA
AMD Athlon X2 280	2303	1371	13.17	\$174.81*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 340 Dual Core	1893	1546	63.13	\$29.99*
AMD Athlon X2 370K Dual Core	2251	1399	NA	NA
AMD Athlon X2 440	1424	1774	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2136	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2013	NA	NA
AMD Athlon X2 Dual Core BE-2300	925	2067	NA	NA
AMD Athlon X2 Dual Core BE-2350	1104	1949	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	1891	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1872	NA	NA
AMD Athlon X2 Dual Core L310	643	2202	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2004	NA	NA
AMD Athlon X3 425	2191	1420	NA	NA
AMD Athlon X3 435	2574	1278	26.96	\$95.49*
AMD Athlon X3 440	2078	1467	23.62	\$87.99*
AMD Athlon X3 445	2314	1364	NA	NA
AMD Athlon X3 450	3064	1120	38.80	\$78.99*
AMD Athlon X3 455	2401	1338	NA	NA
AMD Athlon X4 605e	2505	1302	NA	NA
AMD Athlon X4 620	2861	1185	44.06	\$64.95
AMD Athlon X4 635	2891	1179	23.71	\$121.99*
AMD Athlon X4 640	3172	1084	NA	NA
AMD Athlon X4 645	3595	971	NA	NA
AMD Athlon X4 740 Quad Core	4009	877	14.48	\$277.00*
AMD Athlon X4 750 Quad Core	4551	778	NA	NA
AMD Athlon X4 750K Quad Core	4252	831	55.23	\$76.99*
AMD Athlon X4 760K Quad Core	4588	769	98.68	\$46.50
AMD Athlon X4 830	4701	744	NA	NA
AMD Athlon X4 840	5035	686	63.95	\$78.74*
AMD Athlon X4 845	5444	631	66.10	\$82.36
AMD Athlon X4 860K	5450	630	55.68	\$97.89

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X4 870K	5326	647	71.97	\$74.01*
AMD Athlon X4 880K	5600	606	54.25	\$103.24
AMD Athlon X4 950	5317	650	88.11	\$60.35
AMD Athlon XP1600+	281	2543	NA	NA
AMD Athlon XP1700+	234	2599	NA	NA
AMD Athlon XP1900+	353	2448	NA	NA
AMD Athlon XP2100+	287	2532	NA	NA
AMD Athlon XP2200+	401	2390	NA	NA
AMD Athlon XP2400+	391	2405	NA	NA
AMD Athlon XP 1500	282	2542	NA	NA
AMD Athlon XP 1500+	257	2573	NA	NA
AMD Athlon XP 1600+	267	2563	NA	NA
AMD Athlon XP 1700	344	2457	NA	NA
AMD Athlon XP 1700+	271	2558	NA	NA
AMD Athlon XP 1800+	300	2509	5.09	\$58.95*
AMD Athlon XP 1900+	312	2489	NA	NA
AMD Athlon XP 2000+	299	2511	12.00	\$24.99*
AMD Athlon XP 2100+	323	2473	NA	NA
AMD Athlon XP 2200+	328	2471	3.87	\$84.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2300+	464	2319	NA	NA
AMD Athlon XP 2400+	360	2439	4.01	\$89.99*
AMD Athlon XP 2500+	355	2444	NA	NA
AMD Athlon XP 2600+	372	2423	16.18	\$23.03*
AMD Athlon XP 2700+	393	2401	4.64	\$84.79*
AMD Athlon XP 2800+	399	2393	NA	NA
AMD Athlon XP 2900+	440	2345	NA	NA
AMD Athlon XP 3000+	402	2389	5.16	\$78.00*
AMD Athlon XP 3100+	433	2359	NA	NA
AMD Athlon XP 3200+	433	2358	NA	NA
AMD Athlon XP 3400+	570	2241	NA	NA
AMD Athlon XP Pro3+	367	2429	NA	NA
AMD Athlon XP-M	541	2255	15.48	\$34.95*
AMD C-30	310	2492	NA	NA
AMD C-50	463	2320	NA	NA
AMD C-60	476	2310	NA	NA
AMD C-60 APU	545	2250	NA	NA
AMD C-70 APU	568	2242	NA	NA
AMD E1 Micro-6200T APU	960	2043	NA	NA
AMD E1-1200 APU	661	2193	NA	NA
AMD E1-1500 APU	687	2182	NA	NA
AMD E1-2100 APU	631	2208	NA	NA
AMD E1-2200 APU	767	2141	NA	NA
AMD E1-2500 APU	889	2088	NA	NA
AMD E1-6010 APU	854	2104	NA	NA
AMD E1-6015 APU	901	2085	NA	NA
AMD E1-7010 APU	1011	2003	NA	NA
AMD E2-1800 APU	820	2122	NA	NA
AMD E2-2000 APU	829	2117	NA	NA
AMD E2-3000 APU	1088	1960	NA	NA
AMD E2-3000M APU	1091	1958	54.58	\$20.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E2-3200 APU	1441	1769	180.35	\$7.99*
AMD E2-3800 APU	1641	1672	NA	NA
AMD E2-6110 APU	1903	1534	NA	NA
AMD E2-7110 APU	2284	1384	NA	NA
AMD E2-9000	1761	1605	NA	NA
AMD E2-9000e	1362	1803	NA	NA
AMD E2-9010	1852	1564	NA	NA
AMD E-240	317	2480	NA	NA
AMD E-300 APU	611	2216	NA	NA
AMD E-350	747	2152	NA	NA
AMD E-350 APU	757	2148	NA	NA
AMD E-350D APU	727	2161	NA	NA
AMD E-450 APU	766	2142	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1612	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1462	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2512	1299	NA	NA
AMD Embedded R-Series RX-216GD	2409	1334	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	679	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded R-Series RX-421BD	4635	756	NA	NA
AMD EPYC 7251 8-Core	11833	168	19.12	\$618.84
AMD EPYC 7351P	17991	51	22.49	\$799.99
AMD EPYC 7401P	18465	44	16.06	\$1,149.99
AMD EPYC 7501	18942	39	5.19	\$3,649.99
AMD EPYC 7551	18483	43	5.00	\$3,699.99
AMD FirePro A320 APU	4540	780	NA	NA
AMD FX-670K Quad-Core	4532	782	NA	NA
AMD FX-770K Quad-Core	4779	733	NA	NA
AMD FX-870K Quad Core	5143	664	NA	NA
AMD FX-4100 Quad-Core	4061	864	31.25	\$129.99*
AMD FX-4130 Quad-Core	4169	850	54.86	\$75.99*
AMD FX-4150 Quad-Core	4594	767	NA	NA
AMD FX-4170 Quad-Core	4851	718	33.78	\$143.61*
AMD FX-4200 Quad-Core	4248	833	18.62	\$228.21*
AMD FX-4300 Quad-Core	4674	749	77.93	\$59.98
AMD FX-4320	5015	692	NA	NA
AMD FX-4330	5222	657	NA	NA
AMD FX-4350 Quad-Core	5337	646	21.36	\$249.89
AMD FX-6100 Six-Core	5376	635	21.86	\$246.00
AMD FX-6120 Six-Core	5747	591	NA	NA
AMD FX-6130 Six-Core	6215	536	NA	NA
AMD FX-6200 Six-Core	6117	549	17.99	\$339.95
AMD FX-6300 Six-Core	6382	530	85.11	\$74.99
AMD FX-6330 Six-Core	6935	476	NA	NA
AMD FX-6350 Six-Core	6987	471	54.45	\$128.32
AMD FX-7500 APU	3215	1073	NA	NA
AMD FX-7600P	4051	866	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-7600P APU	4627	759	NA	NA
AMD FX-8100 Eight-Core	6018	559	42.39	\$142.00*
AMD FX-8120 Eight-Core	6593	505	36.63	\$179.99*
AMD FX-8140 Eight-Core	5854	575	NA	NA
AMD FX-8150 Eight-Core	7622	420	35.46	\$214.99*
AMD FX-8300 Eight-Core	7717	410	81.67	\$94.50
AMD FX-8310 Eight-Core	7750	405	NA	NA
AMD FX-8320 Eight-Core	8022	384	84.46	\$94.99
AMD FX-8320E Eight-Core	7537	423	67.30	\$112.00
AMD FX-8350 Eight-Core	8949	320	82.15	\$108.94
AMD FX-8370 Eight-Core	9019	314	62.77	\$143.70
AMD FX-8370E Eight-Core	7793	400	32.12	\$242.60
AMD FX-8800P	4153	854	NA	NA
AMD FX-9370 Eight-Core	9515	270	35.92	\$264.92
AMD FX-9590 Eight-Core	10198	222	88.69	\$114.99
AMD FX-9800P	4010	876	NA	NA
AMD FX-9830P	4739	739	NA	NA
AMD FX-B4150 Quad-Core	4611	762	NA	NA
AMD G-T40E	485	2297	NA	NA
AMD G-T40N	516	2271	NA	NA
AMD G-T44R	227	2605	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T48E	716	2166	NA	NA
AMD G-T52R	303	2503	NA	NA
AMD G-T56E	751	2150	NA	NA
AMD G-T56N	786	2134	NA	NA
AMD Geode NX	264	2566	NA	NA
AMD Geode NX 1750	291	2521	NA	NA
AMD GX-210JA SOC	401	2391	NA	NA
AMD GX-212JC SOC	744	2154	NA	NA
AMD GX-217GA SOC	1097	1952	NA	NA
AMD GX-218GL SOC	1115	1940	NA	NA
AMD GX-222GC SOC	1255	1869	NA	NA
AMD GX-412HC	1497	1742	NA	NA
AMD GX-415GA SOC	1929	1525	NA	NA
AMD GX-420CA SOC	2299	1373	NA	NA
AMD GX-424CC SOC	2488	1307	NA	NA
AMD K7	403	2386	NA	NA
AMD Opteron 140	396	2396	0.56	\$710.00
AMD Opteron 142	428	2363	NA	NA
AMD Opteron 144	486	2296	7.48	\$65.00*
AMD Opteron 146	532	2261	8.87	\$59.99*
AMD Opteron 148	603	2223	NA	NA
AMD Opteron 150	604	2221	NA	NA
AMD Opteron 152	658	2194	NA	NA
AMD Opteron 154	703	2178	NA	NA
AMD Opteron 165	899	2086	1.47	\$610.00*
AMD Opteron 170	1097	1953	NA	NA
AMD Opteron 175	1167	1915	NA	NA
AMD Opteron 180	1228	1883	9.45	\$129.95
AMD Opteron 185	1360	1804	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 246	632	2207	12.64	\$49.99
AMD Opteron 248	476	2309	39.73	\$12.00
AMD Opteron 250	649	2198	59.01	\$11.00
AMD Opteron 252	760	2145	12.00	\$63.36*
AMD Opteron 254	693	2180	NA	NA
AMD Opteron 256	963	2039	50.72	\$19.00*
AMD Opteron 265	963	2040	6.02	\$159.95*
AMD Opteron 270	1083	1964	1.78	\$607.47*
AMD Opteron 275	1291	1843	19.87	\$64.99
AMD Opteron 280	1272	1860	1.60	\$796.67*
AMD Opteron 285	1470	1752	NA	NA
AMD Opteron 290	1464	1754	10.85	\$135.00*
AMD Opteron 1210	923	2069	NA	NA
AMD Opteron 1210 HE	971	2030	NA	NA
AMD Opteron 1212	1009	2005	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1830	NA	NA
AMD Opteron 1214	1191	1901	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1835	NA	NA
AMD Opteron 1216	1311	1828	23.91	\$54.85*
AMD Opteron 1216 HE	1172	1913	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1218	1468	1753	NA	NA
AMD Opteron 1218 HE	1444	1766	NA	NA
AMD Opteron 1220	1653	1669	NA	NA
AMD Opteron 1222	1757	1609	NA	NA
AMD Opteron 1352	2368	1350	17.42	\$135.99*
AMD Opteron 1354	2608	1264	8.41	\$309.97*
AMD Opteron 1356	2765	1219	30.73	\$89.99*
AMD Opteron 1381	3065	1119	NA	NA
AMD Opteron 2212	1270	1862	105.89	\$12.00*
AMD Opteron 2214	1358	1806	2.39	\$569.00*
AMD Opteron 2214 HE	1415	1778	NA	NA
AMD Opteron 2216	1518	1733	8.53	\$178.00*
AMD Opteron 2218	1594	1699	49.18	\$32.42*
AMD Opteron 2220	1701	1637	1.15	\$1,475.16*
AMD Opteron 2220 SE	1398	1785	58.25	\$24.00
AMD Opteron 2222	1843	1570	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1530	NA	NA
AMD Opteron 2350	2820	1197	10.45	\$269.99*
AMD Opteron 2356	2814	1202	188.25	\$14.95
AMD Opteron 2373 EE	2789	1210	NA	NA
AMD Opteron 2374 HE	2951	1155	15.53	\$189.99*
AMD Opteron 2376	2283	1385	91.32	\$25.00
AMD Opteron 2378	3179	1083	17.76	\$179.00*
AMD Opteron 2380	2640	1254	105.64	\$25.00*
AMD Opteron 2384	3538	988	4.21	\$840.00*
AMD Opteron 2386 SE	3538	989	NA	NA
AMD Opteron 2393 SE	2246	1403	NA	NA
AMD Opteron 2427	3069	1116	32.26	\$95.14*
AMD Opteron 2431	4516	784	112.91	\$40.00
AMD Opteron 2435	4708	742	39.11	\$120.40*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 3260 HE	3259	1059	NA	NA
AMD Opteron 3280	5286	653	19.35	\$273.18*
AMD Opteron 3320 EE	2675	1246	NA	NA
AMD Opteron 3350 HE	4009	878	NA	NA
AMD Opteron 3365	5929	566	NA	NA
AMD Opteron 3380	6384	528	7.89	\$809.00*
AMD Opteron 4122	2942	1158	11.32	\$259.95
AMD Opteron 4162 EE	3166	1086	NA	NA
AMD Opteron 4184	4418	798	8.50	\$519.95*
AMD Opteron 4280	6430	522	14.09	\$456.44*
AMD Opteron 4284	6660	497	18.64	\$357.30*
AMD Opteron 4332 HE	5614	603	NA	NA
AMD Opteron 4334	6133	547	28.34	\$216.42*
AMD Opteron 4365 EE	5025	689	NA	NA
AMD Opteron 6128	4505	785	19.17	\$235.00
AMD Opteron 6134	2938	1161	4.93	\$595.95*
AMD Opteron 6136	4631	758	12.90	\$359.00
AMD Opteron 6164 HE	5351	643	NA	NA
AMD Opteron 6174	6171	542	29.39	\$209.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6212	5776	585	27.57	\$209.50*
AMD Opteron 6234	5979	561	14.95	\$399.99*
AMD Opteron 6238	7316	443	6.72	\$1,088.11*
AMD Opteron 6272	6748	490	35.71	\$189.00
AMD Opteron 6274	4865	715	23.17	\$210.00
AMD Opteron 6276	9011	315	29.17	\$308.89
AMD Opteron 6282 SE	9116	305	8.36	\$1,089.99*
AMD Opteron 6287 SE	9789	254	NA	NA
AMD Opteron 6328	7813	398	15.44	\$505.99
AMD Opteron 6366 HE	7503	428	7.43	\$1,010.00
AMD Opteron 6376	9414	283	15.43	\$610.00
AMD Opteron 6378	2152	1433	5.40	\$399.00*
AMD Opteron 6380	10081	232	25.86	\$389.86
AMD Opteron 6386 SE	10748	195	4.46	\$2,407.51*
AMD Opteron 8354	2255	1397	102.52	\$22.00
AMD Opteron 8439 SE	3813	919	44.86	\$85.00
AMD Opteron X3216 APU	2368	1349	NA	NA
AMD Opteron X3421 APU	5075	678	NA	NA
AMD Phenom 2 X4 12000	3005	1137	NA	NA
AMD Phenom 7950 Quad-Core	2991	1141	NA	NA
AMD Phenom 8250 Triple-Core	1644	1671	NA	NA
AMD Phenom 8250e Triple-Core	1619	1683	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1641	1673	NA	NA
AMD Phenom 8450 Triple-Core	1885	1550	62.94	\$29.95*
AMD Phenom 8450e Triple-Core	2036	1479	NA	NA
AMD Phenom 8600 Triple-Core	1697	1639	32.04	\$52.99*
AMD Phenom 8600B Triple-Core	1926	1527	36.36	\$52.99*
AMD Phenom 8650 Triple-Core	1994	1497	39.89	\$49.99*
AMD Phenom 8750 Triple-Core	2059	1470	NA	NA
AMD Phenom 8750B Triple-Core	2034	1480	NA	NA
AMD Phenom 8850 Triple-Core	2026	1482	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8850B Triple-Core	2080	1466	NA	NA
AMD Phenom 9100e Quad-Core	1838	1573	46.03	\$39.95*
AMD Phenom 9150e Quad-Core	2116	1449	52.98	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1362	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1257	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2209	1415	24.56	\$89.96*
AMD Phenom 9550 Quad-Core	2544	1286	63.68	\$39.95*
AMD Phenom 9600 Quad-Core	2306	1367	46.18	\$49.95*
AMD Phenom 9600B Quad-Core	2571	1280	17.47	\$147.19*
AMD Phenom 9650 Quad-Core	2641	1253	48.08	\$54.95*
AMD Phenom 9750 Quad-Core	2817	1200	46.99	\$59.95*
AMD Phenom 9750B Quad-Core	2709	1235	NA	NA
AMD Phenom 9850 Quad-Core	2896	1178	57.94	\$50.00*
AMD Phenom 9850B Quad-Core	3160	1094	NA	NA
AMD Phenom 9950 Quad-Core	3015	1134	16.75	\$179.98*
AMD Phenom FX-5000 Quad-Core	2518	1296	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1156	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	965	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II 42 TWKR Black Edition	3489	1000	NA	NA
AMD Phenom II N620 Dual-Core	1679	1651	42.14	\$39.86*
AMD Phenom II N640 Dual-Core	1740	1617	26.80	\$64.95*
AMD Phenom II N660 Dual-Core	1852	1563	18.72	\$99.00*
AMD Phenom II N830 3+1	2652	1250	NA	NA
AMD Phenom II N830 Triple-Core	1886	1549	NA	NA
AMD Phenom II N850 Triple-Core	1935	1522	77.40	\$25.00*
AMD Phenom II N870 Triple-Core	1988	1500	NA	NA
AMD Phenom II N930 Quad-Core	2269	1394	22.72	\$99.86*
AMD Phenom II N950 Quad-Core	2488	1308	22.10	\$112.60*
AMD Phenom II N970 Quad-Core	2522	1295	16.81	\$149.99*
AMD Phenom II P650 Dual-Core	1603	1695	45.81	\$35.00*
AMD Phenom II P820 Triple-Core	1611	1690	NA	NA
AMD Phenom II P840 Triple-Core	1731	1621	NA	NA
AMD Phenom II P860 Triple-Core	1759	1606	NA	NA
AMD Phenom II P920 Quad-Core	1881	1553	25.08	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1582	NA	NA
AMD Phenom II P960 Quad-Core	2087	1463	74.56	\$28.00*
AMD Phenom II X2 511	2104	1454	NA	NA
AMD Phenom II X2 521	2091	1461	NA	NA
AMD Phenom II X2 545	1905	1532	18.23	\$104.55
AMD Phenom II X2 550	2023	1484	18.54	\$109.09
AMD Phenom II X2 555	2041	1477	17.97	\$113.64
AMD Phenom II X2 560	2054	1472	17.56	\$117.05
AMD Phenom II X2 565	2211	1414	18.18	\$121.59
AMD Phenom II X2 570	1960	1508	NA	NA
AMD Phenom II X2 B53	1670	1658	NA	NA
AMD Phenom II X2 B55	1934	1523	40.30	\$48.00*
AMD Phenom II X2 B57	1848	1566	NA	NA
AMD Phenom II X2 B59	2148	1436	43.01	\$49.95*
AMD Phenom II X3 700e	2285	1382	NA	NA
AMD Phenom II X3 705e	2227	1410	14.63	\$152.34*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 710	2443	1322	28.91	\$84.53*
AMD Phenom II X3 715	2649	1252	31.17	\$84.99*
AMD Phenom II X3 720	2684	1243	19.52	\$137.50
AMD Phenom II X3 740	3002	1138	33.75	\$88.99*
AMD Phenom II X3 B73	2735	1232	36.47	\$75.00*
AMD Phenom II X3 B75	2946	1157	NA	NA
AMD Phenom II X3 B77	3067	1118	NA	NA
AMD Phenom II X4 805	2997	1140	17.23	\$173.99*
AMD Phenom II X4 810	3130	1102	26.99	\$115.99*
AMD Phenom II X4 820	3418	1016	45.61	\$74.95*
AMD Phenom II X4 830	3443	1011	43.07	\$79.95
AMD Phenom II X4 840	3513	994	39.07	\$89.95*
AMD Phenom II X4 840T	3602	969	45.06	\$79.95*
AMD Phenom II X4 850	3546	986	31.81	\$111.49*
AMD Phenom II X4 900e	2882	1180	NA	NA
AMD Phenom II X4 905e	3083	1111	14.52	\$212.38*
AMD Phenom II X4 910	3262	1057	32.62	\$100.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 910e	3260	1058	20.77	\$156.99*
AMD Phenom II X4 920	3403	1022	49.33	\$68.99
AMD Phenom II X4 925	3425	1014	21.41	\$159.99*
AMD Phenom II X4 940	3601	970	30.02	\$119.99*
AMD Phenom II X4 945	3675	956	53.96	\$68.11
AMD Phenom II X4 955	3940	893	30.27	\$130.16*
AMD Phenom II X4 960T	3796	922	28.12	\$134.99*
AMD Phenom II X4 965	4199	841	64.65	\$64.95
AMD Phenom II X4 970	4353	814	25.32	\$171.91*
AMD Phenom II X4 973	3759	936	NA	NA
AMD Phenom II X4 975	4488	789	34.53	\$129.99*
AMD Phenom II X4 977	3750	939	NA	NA
AMD Phenom II X4 980	4504	786	32.96	\$136.64*
AMD Phenom II X4 8700e	2377	1345	NA	NA
AMD Phenom II X4 B05e	2781	1211	NA	NA
AMD Phenom II X4 B15e	2736	1231	NA	NA
AMD Phenom II X4 B25	3336	1039	NA	NA
AMD Phenom II X4 B35	3377	1029	NA	NA
AMD Phenom II X4 B40	3406	1021	NA	NA
AMD Phenom II X4 B45	3465	1007	NA	NA
AMD Phenom II X4 B50	3702	951	NA	NA
AMD Phenom II X4 B55	3863	906	NA	NA
AMD Phenom II X4 B60	4045	869	NA	NA
AMD Phenom II X4 B65	4177	847	NA	NA
AMD Phenom II X4 B70	4261	828	NA	NA
AMD Phenom II X4 B93	3361	1033	NA	NA
AMD Phenom II X4 B95	3717	945	50.96	\$72.95*
AMD Phenom II X4 B97	3911	899	48.93	\$79.95*
AMD Phenom II X4 B99	4130	859	NA	NA
AMD Phenom II X6 1035T	4675	748	24.74	\$189.00*
AMD Phenom II X6 1045T	4824	725	27.57	\$175.00*
AMD Phenom II X6 1055T	4978	696	26.91	\$185.00*
AMD Phenom II X6 1065T	5079	677	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1075T	5354	642	20.60	\$259.99*
AMD Phenom II X6 1090T	5598	608	14.13	\$396.08*
AMD Phenom II X6 1100T	5754	589	24.59	\$233.99*
AMD Phenom II X6 1405T	5042	685	NA	NA
AMD Phenom II X620 Dual-Core	2189	1421	NA	NA
AMD Phenom II X640 Dual-Core	2021	1485	NA	NA
AMD Phenom II X920 Quad-Core	2638	1255	NA	NA
AMD Phenom II X940 Quad-Core	2695	1239	NA	NA
AMD Phenom Ultra X4 24500	3945	892	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1640	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1416	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1610	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1907	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1771	NA	NA
AMD Phenom X3 8550	1930	1524	11.36	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1608	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X4 Quad-Core GP-9530	1994	1496	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1407	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2812	1203	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1234	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1242	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1895	NA	NA
AMD PRO A4-3350B APU	2833	1191	NA	NA
AMD PRO A4-8350B	2942	1159	NA	NA
AMD PRO A6-7350B	2759	1221	NA	NA
AMD PRO A6-8500B	2516	1297	NA	NA
AMD PRO A6-8530B	2435	1324	NA	NA
AMD PRO A6-8550B	3018	1131	NA	NA
AMD PRO A6-8570	3049	1125	NA	NA
AMD PRO A6-8570E	2824	1194	NA	NA
AMD PRO A6-9500	3262	1056	44.09	\$74.00*
AMD PRO A6-9500B	2303	1369	NA	NA
AMD PRO A6-9500E	2752	1223	37.20	\$74.00*
AMD PRO A8-8600B	3604	968	NA	NA
AMD PRO A8-8650B	5457	628	NA	NA
AMD PRO A8-9600	5321	649	44.72	\$119.00*
AMD PRO A8-9600B	4047	867	NA	NA
AMD PRO A10-8700B	3593	974	NA	NA
AMD PRO A10-8730B	4069	863	NA	NA
AMD PRO A10-8750B	5646	601	NA	NA
AMD PRO A10-8770	5742	592	NA	NA
AMD PRO A10-8770E	4881	713	NA	NA
AMD PRO A10-8850B	5852	576	NA	NA
AMD PRO A10-9700	5683	595	33.63	\$169.00*
AMD PRO A10-9700B	4393	802	NA	NA
AMD PRO A10-9700E	4949	704	35.61	\$139.00*
AMD PRO A12-8800B	4193	843	NA	NA
AMD PRO A12-8830B	4531	783	NA	NA
AMD PRO A12-8870	6113	551	NA	NA
AMD PRO A12-8870E	4814	727	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A12-9800	6199	537	36.68	\$169.00*
AMD PRO A12-9800B	4336	819	NA	NA
AMD PRO A12-9800E	4799	731	28.40	\$169.00*
AMD QC-4000	1657	1667	NA	NA
AMD R-260H APU	1576	1706	NA	NA
AMD R-460L APU	1954	1511	NA	NA
AMD R-464L APU	3073	1115	NA	NA
AMD RX-427BB	4221	837	NA	NA
AMD Ryzen 3 1200	6839	483	72.76	\$94.00
AMD Ryzen 3 1300X	7504	427	68.23	\$109.99
AMD Ryzen 3 2200G	7366	439	77.55	\$94.99
AMD Ryzen 3 2200U	5031	687	NA	NA
AMD Ryzen 3 PRO 1200	7132	460	NA	NA
AMD Ryzen 3 PRO 1300	8270	364	NA	NA
AMD Ryzen 5 1400	8431	356	60.23	\$139.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 1500X	10692	199	66.83	\$159.99
AMD Ryzen 5 1600	12382	155	67.84	\$182.52
AMD Ryzen 5 1600X	13319	137	66.93	\$199.00
AMD Ryzen 5 2400G	9399	285	57.70	\$162.89
AMD Ryzen 5 2500U	7738	408	NA	NA
AMD Ryzen 5 2600	13345	136	67.47	\$197.80
AMD Ryzen 5 2600X	14451	108	64.65	\$223.54
AMD Ryzen 5 PRO 1500	10868	191	NA	NA
AMD Ryzen 5 PRO 1600	12213	161	NA	NA
AMD Ryzen 7 1700	13757	126	56.29	\$244.39
AMD Ryzen 7 1700X	14635	103	54.21	\$269.97
AMD Ryzen 7 1800X	15402	88	51.51	\$298.99
AMD Ryzen 7 2700	15539	84	53.59	\$289.95
AMD Ryzen 7 2700U	7560	422	NA	NA
AMD Ryzen 7 2700X	17077	59	52.55	\$324.99
AMD Ryzen 7 PRO 1700	14859	99	NA	NA
AMD Ryzen 7 PRO 1700X	15221	92	NA	NA
AMD Ryzen 7 PRO 2700U	7690	413	NA	NA
AMD Ryzen Threadripper 1900X	15422	86	34.31	\$449.50
AMD Ryzen Threadripper 1920X	18294	45	24.39	\$749.99
AMD Ryzen Threadripper 1950X	22071	16	25.08	\$879.99
AMD Sempron 130	656	2196	26.29	\$24.99*
AMD Sempron 140	737	2156	18.62	\$39.59*
AMD Sempron 145	813	2127	8.57	\$94.92
AMD Sempron 150	707	2173	15.74	\$44.95
AMD Sempron 200U	267	2562	3.08	\$87.00*
AMD Sempron 210U	382	2411	NA	NA
AMD Sempron 2100+	392	2403	NA	NA
AMD Sempron 2200+	281	2546	9.38	\$29.99*
AMD Sempron 2300+	318	2479	7.07	\$45.00*
AMD Sempron 2400+	313	2488	11.62	\$27.00*
AMD Sempron 2500+	335	2464	4.20	\$79.95*
AMD Sempron 2600+	374	2421	12.49	\$29.95
AMD Sempron 2650 APU	940	2058	30.33	\$31.00
AMD Sempron 2800+	384	2410	6.84	\$56.19

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 3000+	408	2379	8.18	\$49.95
AMD Sempron 3100+	452	2332	7.53	\$60.00*
AMD Sempron 3200+	404	2384	31.12	\$13.00*
AMD Sempron 3300+	484	2303	16.14	\$30.00
AMD Sempron 3400+	454	2330	15.18	\$29.91
AMD Sempron 3500+	384	2409	19.23	\$20.00*
AMD Sempron 3600+	489	2291	40.78	\$12.00*
AMD Sempron 3800+	554	2248	26.39	\$21.00*
AMD Sempron 3850 APU	1707	1630	41.67	\$40.98
AMD Sempron Dual Core 2100	924	2068	23.69	\$39.00*
AMD Sempron Dual Core 2200	995	2017	NA	NA
AMD Sempron Dual Core 2300	982	2027	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2049	NA	NA
AMD Sempron Dual Core 4900	1081	1966	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron LE-250	490	2289	NA	NA
AMD Sempron LE-1100	436	2353	NA	NA
AMD Sempron LE-1150	445	2339	NA	NA
AMD Sempron LE-1200	524	2265	NA	NA
AMD Sempron LE-1250	541	2254	6.77	\$79.95
AMD Sempron LE-1300	610	2218	29.08	\$21.00
AMD Sempron LE-1600	535	2260	NA	NA
AMD Sempron LE-1620	635	2206	NA	NA
AMD Sempron LE-1640	759	2146	NA	NA
AMD Sempron M100	558	2247	46.58	\$12.00*
AMD Sempron M120	580	2234	NA	NA
AMD Sempron SI-40	443	2342	36.93	\$12.00*
AMD Sempron SI-42	453	2331	15.11	\$30.01
AMD Sempron X2 180	1222	1888	17.62	\$69.40*
AMD Sempron X2 190	1529	1721	18.33	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1779	NA	NA
AMD Turion 64 Mobile MK-36	465	2317	NA	NA
AMD Turion 64 Mobile MK-38	514	2273	NA	NA
AMD Turion 64 Mobile ML-28	390	2406	NA	NA
AMD Turion 64 Mobile ML-30	402	2388	NA	NA
AMD Turion 64 Mobile ML-32	410	2375	NA	NA
AMD Turion 64 Mobile ML-34	425	2365	NA	NA
AMD Turion 64 Mobile ML-37	441	2343	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	520	2268	NA	NA
AMD Turion 64 Mobile ML-42	615	2214	NA	NA
AMD Turion 64 Mobile ML-44	591	2226	NA	NA
AMD Turion 64 Mobile MT-28	419	2366	NA	NA
AMD Turion 64 Mobile MT-30	378	2414	NA	NA
AMD Turion 64 Mobile MT-32	426	2364	NA	NA
AMD Turion 64 Mobile MT-34	429	2361	NA	NA
AMD Turion 64 Mobile MT-37	484	2301	NA	NA
AMD Turion 64 Mobile MT-40	536	2257	NA	NA
AMD Turion 64 X2 Mobile TL-50	753	2149	15.08	\$49.99*
AMD Turion 64 X2 Mobile TL-52	760	2144	NA	NA
AMD Turion 64 X2 Mobile TL-56	884	2089	44.21	\$20.00*
AMD Turion 64 X2 Mobile TL-58	941	2055	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-60	992	2021	45.11	\$22.00*
AMD Turion 64 X2 Mobile TL-62	1091	1957	3.51	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1105	1948	28.07	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1134	1935	3.00	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1149	1925	12.77	\$90.00*
AMD Turion Dual-Core RM-70	904	2083	60.27	\$15.00*
AMD Turion Dual-Core RM-72	860	2099	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2000	NA	NA
AMD Turion Dual-Core RM-75	961	2041	35.02	\$27.46*
AMD Turion II Dual-Core Mobile M500	1296	1838	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1831	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1817	NA	NA
AMD Turion II N530 Dual-Core	1583	1702	52.78	\$30.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II N550 Dual-Core	1521	1728	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2029	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	1904	NA	NA
AMD Turion II Neo N40L Dual-Core	918	2075	NA	NA
AMD Turion II Neo N54L Dual-Core	1376	1793	NA	NA
AMD Turion II P520 Dual-Core	1359	1805	NA	NA
AMD Turion II P540 Dual-Core	1446	1765	28.96	\$49.96*
AMD Turion II P560 Dual-Core	1511	1735	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	1780	58.62	\$24.00*
AMD Turion II Ultra Dual-Core Mobile M620	1427	1773	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1659	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1720	NA	NA
AMD Turion Neo X2 Dual Core L625	820	2121	NA	NA
AMD Turion X2 Dual Core L510	923	2070	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2101	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	1975	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	990	2022	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1089	1959	4.86	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1055	1979	42.32	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1142	1932	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	1926	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1017	1999	72.67	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1081	1968	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	1892	94.53	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	1881	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1837	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1354	1808	33.92	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2015	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	1992	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1759	NA	NA
AMD V105	286	2533	NA	NA
AMD V120	622	2213	NA	NA
AMD V140	643	2203	49.47	\$13.00*
AMD V160	681	2186	NA	NA
AMD Z-01	523	2266	NA	NA
AMD Z-60 APU	485	2299	NA	NA
AMD-K6 3D	90	2685	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD-K6-III	108	2682	NA	NA
AMD-K7	403	2387	NA	NA
Athlon 64 Dual Core 3800+	1234	1882	NA	NA
Athlon 64 Dual Core 4200+	1156	1922	NA	NA
Athlon 64 Dual Core 4800+	1370	1796	NA	NA
Athlon 64 Dual Core 5000+	1507	1737	NA	NA
Athlon 64 Dual Core 5400+	1614	1686	NA	NA
Athlon 64 Dual Core 5600+	1548	1715	NA	NA
Athlon Dual Core 4050e	968	2035	NA	NA
Athlon Dual Core 4450e	1081	1967	NA	NA
Athlon Dual Core 4850e	1327	1822	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1189	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Celeron Dual-Core T3000 @ 1.80GHz	1085	1963	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1173	1909	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1212	1894	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1273	1859	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1897	NA	NA
HP Hexa-Core 2.0GHz	2178	1423	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2102	NA	NA
Intel 1400 @ 1.83GHz	980	2028	NA	NA
Intel 1500 @ 2.00GHz	1024	1994	NA	NA
Intel Atom 230 @ 1.60GHz	307	2497	NA	NA
Intel Atom 330 @ 1.60GHz	588	2228	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2087	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2042	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1464	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2329	1360	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1428	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3805	921	16.40	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1037	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1090	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1317	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1287	29.52	\$86.00*
Intel Atom C3955 @ 2.10GHz	5803	581	13.37	\$434.00*
Intel Atom D410 @ 1.66GHz	303	2504	0.48	\$635.99*
Intel Atom D425 @ 1.80GHz	343	2459	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	652	2197	6.71	\$97.16*
Intel Atom D525 @ 1.80GHz	703	2176	NA	NA
Intel Atom D2500 @ 1.86GHz	406	2382	NA	NA
Intel Atom D2550 @ 1.86GHz	675	2190	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2169	NA	NA
Intel Atom D2700 @ 2.13GHz	840	2111	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2164	NA	NA
Intel Atom E660 @ 1.30GHz	271	2559	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2454	NA	NA
Intel Atom E3815 @ 1.46GHz	362	2438	2.15	\$169.00
Intel Atom E3825 @ 1.33GHz	564	2245	8.03	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2292	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2106	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	1919	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom E3845 @ 1.91GHz	1489	1744	NA	NA
Intel Atom E3940 @ 1.60GHz	1920	1528	NA	NA
Intel Atom E3950 @ 1.60GHz	1769	1600	NA	NA
Intel Atom K510 @ 1.66GHz	658	2195	NA	NA
Intel Atom N270 @ 1.60GHz	270	2560	NA	NA
Intel Atom N280 @ 1.66GHz	284	2538	NA	NA
Intel Atom N435 @ 1.33GHz	236	2598	NA	NA
Intel Atom N450 @ 1.66GHz	299	2510	NA	NA
Intel Atom N455 @ 1.66GHz	284	2536	NA	NA
Intel Atom N470 @ 1.83GHz	307	2496	NA	NA
Intel Atom N475 @ 1.83GHz	314	2485	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N550 @ 1.50GHz	522	2267	6.08	\$86.00*
Intel Atom N570 @ 1.66GHz	574	2238	6.68	\$86.00*
Intel Atom N2100 @ 1.60GHz	309	2493	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2263	NA	NA
Intel Atom N2800 @ 1.86GHz	628	2210	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2077	14.32	\$64.00*
Intel Atom x5-E3930 @ 1.30GHz	811	2128	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1609	1691	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1202	1899	9.04	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1005	2009	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1285	1849	61.21	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1690	1646	27.02	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1835	1574	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1905	1533	25.88	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1944	1516	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2636	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2614	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2617	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2545	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2451	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2412	NA	NA
Intel Atom Z670 @ 1.50GHz	249	2584	NA	NA
Intel Atom Z2760 @ 1.80GHz	567	2244	NA	NA
Intel Atom Z3735D @ 1.33GHz	916	2076	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2064	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	907	2082	5.00	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2080	NA	NA
Intel Atom Z3736F @ 1.33GHz	920	2073	NA	NA
Intel Atom Z3740 @ 1.33GHz	1061	1974	NA	NA
Intel Atom Z3740D @ 1.33GHz	1020	1997	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	1972	NA	NA
Intel Atom Z3745D @ 1.33GHz	1019	1998	NA	NA
Intel Atom Z3770 @ 1.46GHz	1243	1879	8.32	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2130	NA	NA
Intel Atom Z3775 @ 1.46GHz	1254	1870	35.85	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1855	NA	NA
Intel Atom Z3795 @ 1.60GHz	1770	1599	NA	NA
Intel Celeron 1.70GHz	130	2675	NA	NA
Intel Celeron 1.80GHz	136	2672	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.00GHz	185	2644	NA	NA
Intel Celeron 2.10GHz	244	2591	NA	NA
Intel Celeron 2.13GHz	208	2624	NA	NA
Intel Celeron 2.20GHz	213	2619	NA	NA
Intel Celeron 2.26GHz	223	2609	NA	NA
Intel Celeron 2.30GHz	227	2606	NA	NA
Intel Celeron 2.40GHz	217	2615	NA	NA
Intel Celeron 2.50GHz	247	2586	NA	NA
Intel Celeron 2.53GHz	245	2589	NA	NA
Intel Celeron 2.60GHz	238	2595	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.66GHz	252	2580	NA	NA
Intel Celeron 2.70GHz	245	2590	NA	NA
Intel Celeron 2.80GHz	254	2576	NA	NA
Intel Celeron 2.93GHz	285	2534	NA	NA
Intel Celeron 3.06GHz	284	2535	NA	NA
Intel Celeron 3.20GHz	288	2526	NA	NA
Intel Celeron 3.33GHz	333	2467	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2475	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2478	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2333	2.00	\$225.00
Intel Celeron 430 @ 1.80GHz	491	2286	12.20	\$40.33
Intel Celeron 440 @ 2.00GHz	543	2252	6.80	\$79.95
Intel Celeron 450 @ 2.20GHz	626	2211	2.78	\$225.00
Intel Celeron 530 @ 1.73GHz	468	2314	20.37	\$23.00*
Intel Celeron 540 @ 1.86GHz	511	2276	NA	NA
Intel Celeron 550 @ 2.00GHz	514	2272	15.23	\$33.80
Intel Celeron 560 @ 2.13GHz	535	2259	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	526	2262	NA	NA
Intel Celeron 600MHz	147	2669	NA	NA
Intel Celeron 723 @ 1.20GHz	408	2378	NA	NA
Intel Celeron 743 @ 1.30GHz	437	2351	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2151	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2427	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2215	NA	NA
Intel Celeron 847 @ 1.10GHz	937	2059	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1026	1993	NA	NA
Intel Celeron 857 @ 1.20GHz	1172	1914	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	1912	NA	NA
Intel Celeron 877 @ 1.40GHz	1288	1845	NA	NA
Intel Celeron 887 @ 1.50GHz	1286	1847	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2188	23.35	\$28.99
Intel Celeron 925 @ 2.30GHz	688	2181	NA	NA
Intel Celeron 1000M @ 1.80GHz	1672	1655	NA	NA
Intel Celeron 1000MHz	241	2593	NA	NA
Intel Celeron 1005M @ 1.90GHz	1820	1583	NA	NA
Intel Celeron 1007U @ 1.50GHz	1398	1784	7.56	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1520	1729	NA	NA
Intel Celeron 1019Y @ 1.00GHz	926	2066	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1408	NA	NA
Intel Celeron 1037U @ 1.80GHz	1735	1619	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1047UE @ 1.40GHz	1188	1902	NA	NA
Intel Celeron 1066MHz	259	2570	NA	NA
Intel Celeron 1100MHz	174	2654	NA	NA
Intel Celeron 1133MHz	282	2540	NA	NA
Intel Celeron 1200MHz	244	2592	NA	NA
Intel Celeron 1300MHz	288	2528	NA	NA
Intel Celeron 1333MHz	290	2522	NA	NA
Intel Celeron 1400MHz	302	2505	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1352	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2950M @ 2.00GHz	2008	1491	NA	NA
Intel Celeron 2955U @ 1.40GHz	1436	1770	NA	NA
Intel Celeron 2957U @ 1.40GHz	1452	1760	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	1945	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1365	NA	NA
Intel Celeron 2980U @ 1.60GHz	1576	1707	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1708	NA	NA
Intel Celeron 3205U @ 1.50GHz	1547	1716	5.39	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1613	1689	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1635	NA	NA
Intel Celeron 3765U @ 1.90GHz	2038	1478	NA	NA
Intel Celeron 3855U @ 1.60GHz	1662	1664	NA	NA
Intel Celeron 3865U @ 1.80GHz	1959	1509	NA	NA
Intel Celeron 3955U @ 2.00GHz	1801	1589	NA	NA
Intel Celeron 3965U @ 2.20GHz	2470	1314	23.09	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1619	1682	15.14	\$107.00*
Intel Celeron @ 1.30GHz	965	2037	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2642	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2125	NA	NA
Intel Celeron B800 @ 1.50GHz	1281	1854	NA	NA
Intel Celeron B810 @ 1.60GHz	1402	1781	NA	NA
Intel Celeron B815 @ 1.60GHz	1368	1798	NA	NA
Intel Celeron B820 @ 1.70GHz	1429	1772	36.37	\$39.29
Intel Celeron B830 @ 1.80GHz	1526	1723	NA	NA
Intel Celeron B840 @ 1.90GHz	1725	1624	NA	NA
Intel Celeron D 347 @ 3.06GHz	272	2557	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2506	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2482	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2466	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2385	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2305	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2230	NA	NA
Intel Celeron E1200 @ 1.60GHz	860	2098	3.83	\$225.00
Intel Celeron E1400 @ 2.00GHz	1046	1982	13.08	\$79.95
Intel Celeron E1500 @ 2.20GHz	1160	1920	18.35	\$63.25*
Intel Celeron E1600 @ 2.40GHz	1260	1865	NA	NA
Intel Celeron E3200 @ 2.40GHz	1389	1788	26.72	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1390	1787	20.17	\$68.95
Intel Celeron E3400 @ 2.60GHz	1442	1767	23.50	\$61.36
Intel Celeron E3500 @ 2.70GHz	1454	1758	23.45	\$62.01
Intel Celeron G440 @ 1.60GHz	703	2177	5.63	\$125.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G460 @ 1.80GHz	1028	1988	15.83	\$65.00
Intel Celeron G465 @ 1.90GHz	1074	1971	13.43	\$80.00
Intel Celeron G470 @ 2.00GHz	1298	1836	NA	NA
Intel Celeron G530 @ 2.40GHz	2148	1437	41.72	\$51.49
Intel Celeron G530T @ 2.00GHz	1604	1693	NA	NA
Intel Celeron G540 @ 2.50GHz	2200	1418	48.91	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1450	NA	NA
Intel Celeron G550 @ 2.60GHz	2292	1377	114.66	\$19.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G550T @ 2.20GHz	2063	1468	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1329	48.45	\$50.00
Intel Celeron G1101 @ 2.27GHz	1667	1661	19.62	\$85.00*
Intel Celeron G1610 @ 2.60GHz	2494	1304	99.81	\$24.99
Intel Celeron G1610T @ 2.30GHz	2303	1370	57.53	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2581	1275	16.81	\$153.59
Intel Celeron G1620T @ 2.40GHz	2353	1354	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2484	1311	35.49	\$69.99
Intel Celeron G1820 @ 2.70GHz	2768	1216	32.58	\$84.99*
Intel Celeron G1820T @ 2.40GHz	2505	1301	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1442	NA	NA
Intel Celeron G1830 @ 2.80GHz	2531	1291	35.66	\$70.99*
Intel Celeron G1840 @ 2.80GHz	2871	1183	37.53	\$76.50
Intel Celeron G1840T @ 2.50GHz	2605	1265	NA	NA
Intel Celeron G1850 @ 2.90GHz	2902	1173	36.28	\$80.00*
Intel Celeron G3900 @ 2.80GHz	3041	1128	86.93	\$34.99
Intel Celeron G3900E @ 2.40GHz	2679	1245	NA	NA
Intel Celeron G3900T @ 2.60GHz	2902	1174	NA	NA
Intel Celeron G3920 @ 2.90GHz	3412	1018	77.57	\$43.99
Intel Celeron G3930 @ 2.90GHz	3068	1117	NA	NA
Intel Celeron G3950 @ 3.00GHz	3334	1041	46.82	\$71.22*
Intel Celeron G4900T @ 2.90GHz	2960	1152	NA	NA
Intel Celeron J1750 @ 2.41GHz	1037	1987	NA	NA
Intel Celeron J1800 @ 2.41GHz	1027	1990	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1687	NA	NA
Intel Celeron J1900 @ 1.99GHz	1861	1560	NA	NA
Intel Celeron J3060 @ 1.60GHz	983	2026	NA	NA
Intel Celeron J3160 @ 1.60GHz	1782	1595	NA	NA
Intel Celeron J3355 @ 2.00GHz	1258	1866	NA	NA
Intel Celeron J3455 @ 1.50GHz	2147	1438	9.22	\$232.91*
Intel Celeron M 1.00GHz	207	2626	17.29	\$11.99*
Intel Celeron M 1.30GHz	316	2481	NA	NA
Intel Celeron M 1.50GHz	343	2458	NA	NA
Intel Celeron M 1.60GHz	365	2434	NA	NA
Intel Celeron M 1.70GHz	393	2402	NA	NA
Intel Celeron M 360 1.40GHz	327	2472	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2483	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2461	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2430	NA	NA
Intel Celeron M 440 @ 1.86GHz	412	2372	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2577	NA	NA
Intel Celeron M 450 @ 2.00GHz	455	2328	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 520 @ 1.60GHz	434	2357	NA	NA
Intel Celeron M 530 @ 1.73GHz	459	2324	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2253	NA	NA
Intel Celeron M 600MHz	151	2667	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2327	NA	NA
Intel Celeron M 900MHz	207	2625	NA	NA
Intel Celeron M 1200MHz	275	2555	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 1300MHz	303	2502	NA	NA
Intel Celeron M 1500MHz	332	2469	NA	NA
Intel Celeron M ULV 800MHz	184	2647	NA	NA
Intel Celeron N2805 @ 1.46GHz	454	2329	NA	NA
Intel Celeron N2806 @ 1.60GHz	782	2135	NA	NA
Intel Celeron N2807 @ 1.58GHz	853	2105	NA	NA
Intel Celeron N2808 @ 1.58GHz	923	2072	NA	NA
Intel Celeron N2810 @ 2.00GHz	777	2137	5.55	\$139.99*
Intel Celeron N2815 @ 1.86GHz	863	2096	NA	NA
Intel Celeron N2820 @ 2.13GHz	945	2051	4.98	\$190.00
Intel Celeron N2830 @ 2.16GHz	951	2047	NA	NA
Intel Celeron N2840 @ 2.16GHz	1005	2008	NA	NA
Intel Celeron N2910 @ 1.60GHz	1208	1896	NA	NA
Intel Celeron N2920 @ 1.86GHz	1518	1732	NA	NA
Intel Celeron N2930 @ 1.83GHz	1632	1678	NA	NA
Intel Celeron N2940 @ 1.83GHz	1733	1620	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2084	NA	NA
Intel Celeron N3010 @ 1.04GHz	936	2061	NA	NA
Intel Celeron N3050 @ 1.60GHz	884	2090	2.95	\$299.99*
Intel Celeron N3060 @ 1.60GHz	995	2018	NA	NA
Intel Celeron N3150 @ 1.60GHz	1657	1668	NA	NA
Intel Celeron N3160 @ 1.60GHz	1698	1638	5.92	\$286.99
Intel Celeron N3350 @ 1.10GHz	1127	1937	NA	NA
Intel Celeron N3450 @ 1.10GHz	1827	1578	10.86	\$168.25
Intel Celeron P4500 @ 1.87GHz	1139	1934	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2020	NA	NA
Intel Celeron P4600 @ 2.00GHz	1340	1813	NA	NA
Intel Celeron SU2300 @ 1.20GHz	772	2140	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2048	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	1976	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1633	NA	NA
Intel Celeron U3400 @ 1.07GHz	735	2157	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2183	NA	NA
Intel Celeron U3600 @ 1.20GHz	805	2129	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1047	1980	6.63	\$157.95
Intel Core2 Duo E4400 @ 2.00GHz	1159	1921	7.34	\$157.95
Intel Core2 Duo E4500 @ 2.20GHz	1275	1856	8.07	\$157.95
Intel Core2 Duo E4600 @ 2.40GHz	1386	1789	8.78	\$157.95
Intel Core2 Duo E4700 @ 2.60GHz	1483	1747	14.83	\$100.00*
Intel Core2 Duo E6300 @ 1.86GHz	1110	1943	7.03	\$157.95
Intel Core2 Duo E6320 @ 1.86GHz	1184	1905	7.50	\$157.95
Intel Core2 Duo E6400 @ 2.13GHz	1292	1841	8.18	\$157.95
Intel Core2 Duo E6420 @ 2.13GHz	1363	1801	8.63	\$157.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6540 @ 2.33GHz	1457	1757	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1499	1741	9.49	\$157.95
Intel Core2 Duo E6600 @ 2.40GHz	1554	1714	9.84	\$157.95
Intel Core2 Duo E6700 @ 2.66GHz	1695	1642	14.62	\$115.99
Intel Core2 Duo E6750 @ 2.66GHz	1718	1626	7.64	\$225.00
Intel Core2 Duo E6850 @ 3.00GHz	1951	1514	12.36	\$157.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E7200 @ 2.53GHz	1634	1676	10.35	\$157.95
Intel Core2 Duo E7300 @ 2.66GHz	1726	1623	7.67	\$225.00
Intel Core2 Duo E7400 @ 2.80GHz	1775	1597	59.28	\$29.95
Intel Core2 Duo E7500 @ 2.93GHz	1877	1557	134.18	\$13.99
Intel Core2 Duo E7600 @ 3.06GHz	1987	1501	16.57	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1523	1726	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1765	1604	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1887	1548	11.95	\$157.95
Intel Core2 Duo E8235 @ 2.80GHz	1953	1512	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1353	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1999	1495	142.95	\$13.99
Intel Core2 Duo E8335 @ 2.66GHz	1846	1567	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1444	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2154	1432	70.30	\$30.65
Intel Core2 Duo E8435 @ 3.06GHz	2127	1445	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2286	1380	130.75	\$17.49
Intel Core2 Duo E8600 @ 3.33GHz	2408	1335	41.26	\$58.37
Intel Core2 Duo E8700 @ 3.50GHz	2212	1413	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	746	2153	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2184	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	841	2110	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2107	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	966	2036	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	965	2038	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	1938	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	1973	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1339	1814	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	1844	64.52	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1301	1834	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1422	1776	35.57	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2050	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1524	1725	6.63	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1450	1762	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	1996	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1458	1755	4.91	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1540	1719	31.31	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1629	1680	42.89	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1745	1614	30.64	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1565	1711	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1765	1602	1.77	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1768	1601	17.86	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1878	1555	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2012	1488	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2227	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo SL9400 @ 1.86GHz	1267	1863	5.01	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1672	1654	5.89	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	931	2062	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	832	2115	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	832	2116	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5270 @ 1.40GHz	816	2124	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	936	2060	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2078	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	909	2081	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2071	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1046	1981	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1026	1991	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	987	2025	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1095	1956	109.63	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1110	1944	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1187	1903	74.70	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1144	1931	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	1893	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1225	1884	81.77	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1286	1846	85.85	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1253	1871	32.55	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1363	1800	72.16	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1369	1797	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1012	2002	46.04	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1165	1918	11.66	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1112	1942	5.52	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1194	1900	38.54	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1247	1877	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1274	1857	29.65	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1376	1794	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1419	1777	30.21	\$46.99*
Intel Core2 Duo T7800 @ 2.60GHz	1614	1688	2.65	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1293	1839	1.29	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1480	1749	6.92	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1667	1660	28.75	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1737	1618	24.84	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1819	1584	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1802	1587	6.03	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1928	1526	29.67	\$64.99*
Intel Core2 Duo T9800 @ 2.93GHz	2019	1486	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2124	1446	5.32	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	869	2093	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	582	2232	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	664	2192	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	713	2168	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2100	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1132	1936	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1648	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	960	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3644	961	2.44	\$1,495.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme Q9300 @ 2.53GHz	3463	1008	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1882	1551	7.14	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1588	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1820	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme X7900 @ 2.80GHz	1693	1645	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1902	1539	NA	NA
Intel Core2 Extreme X9100 @ 3.06GHz	2047	1475	2.41	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4167	852	4.58	\$909.00*
Intel Core2 Extreme X9750 @ 3.16GHz	4597	766	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4611	761	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	751	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2959	1153	116.12	\$25.49
Intel Core2 Quad Q6700 @ 2.66GHz	3289	1050	121.89	\$26.99
Intel Core2 Quad Q8200 @ 2.33GHz	2816	1201	122.51	\$22.99
Intel Core2 Quad Q8300 @ 2.50GHz	2990	1142	19.30	\$155.00
Intel Core2 Quad Q8400 @ 2.66GHz	3181	1082	31.97	\$99.50*
Intel Core2 Quad Q9000 @ 2.00GHz	2528	1293	6.50	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3239	1067	8.39	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3165	1089	121.79	\$25.99
Intel Core2 Quad Q9400 @ 2.66GHz	3355	1036	113.77	\$29.49
Intel Core2 Quad Q9450 @ 2.66GHz	3765	935	11.24	\$335.00
Intel Core2 Quad Q9500 @ 2.83GHz	3561	984	104.77	\$33.99
Intel Core2 Quad Q9505 @ 2.83GHz	3586	977	18.88	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3982	886	84.74	\$46.99
Intel Core2 Quad Q9650 @ 3.00GHz	4186	846	13.50	\$309.99
Intel Core2 Quad Q9705 @ 3.16GHz	3947	890	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	303	2501	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2491	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2369	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	466	2316	NA	NA
Intel Core 330 @ 1.60GHz	643	2201	NA	NA
Intel Core 860 @ 2.80GHz	4555	777	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2165	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2170	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2160	NA	NA
Intel Core Duo T2050 @ 1.60GHz	698	2179	NA	NA
Intel Core Duo T2250 @ 1.73GHz	758	2147	NA	NA
Intel Core Duo T2300 @ 1.66GHz	730	2158	NA	NA
Intel Core Duo T2350 @ 1.86GHz	760	2143	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2131	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	826	2119	NA	NA
Intel Core Duo T2500 @ 2.00GHz	868	2095	7.24	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	942	2054	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	1995	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2251	NA	NA
Intel Core Duo U2500 @ 1.20GHz	517	2269	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1521	NA	NA
Intel Core i3-330M @ 2.13GHz	1791	1593	36.90	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1074	1970	NA	NA
Intel Core i3-350M @ 2.27GHz	1895	1543	49.80	\$38.06

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-370M @ 2.40GHz	2017	1487	50.49	\$39.96
Intel Core i3-380M @ 2.53GHz	2095	1458	42.76	\$49.00*
Intel Core i3-380UM @ 1.33GHz	1166	1917	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-390M @ 2.67GHz	2173	1426	55.81	\$38.95*
Intel Core i3-530 @ 2.93GHz	2575	1276	128.75	\$20.00
Intel Core i3-540 @ 3.07GHz	2690	1241	128.11	\$21.00
Intel Core i3-550 @ 3.20GHz	2825	1193	14.13	\$199.95
Intel Core i3-560 @ 3.33GHz	2973	1146	16.52	\$179.95
Intel Core i3-2100 @ 3.10GHz	3682	954	122.76	\$30.00
Intel Core i3-2100T @ 2.50GHz	2926	1164	24.39	\$119.99
Intel Core i3-2102 @ 3.10GHz	3736	943	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3721	944	31.54	\$118.00*
Intel Core i3-2120 @ 3.30GHz	3919	898	130.65	\$30.00
Intel Core i3-2120T @ 2.60GHz	3150	1097	27.88	\$113.00
Intel Core i3-2125 @ 3.30GHz	4020	874	23.79	\$169.00
Intel Core i3-2130 @ 3.40GHz	4060	865	47.28	\$85.89
Intel Core i3-2140 @ 3.50GHz	4325	822	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1188	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2427	1327	53.96	\$44.99
Intel Core i3-2312M @ 2.10GHz	2381	1344	NA	NA
Intel Core i3-2328M @ 2.20GHz	2535	1289	27.27	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1114	NA	NA
Intel Core i3-2330M @ 2.20GHz	2524	1294	45.98	\$54.90*
Intel Core i3-2332M @ 2.20GHz	2382	1342	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1625	NA	NA
Intel Core i3-2348M @ 2.30GHz	2618	1260	NA	NA
Intel Core i3-2350M @ 2.30GHz	2620	1258	62.44	\$41.97*
Intel Core i3-2357M @ 1.30GHz	1556	1713	NA	NA
Intel Core i3-2365M @ 1.40GHz	1678	1652	NA	NA
Intel Core i3-2367M @ 1.40GHz	1703	1634	NA	NA
Intel Core i3-2370M @ 2.40GHz	2768	1217	46.93	\$59.00
Intel Core i3-2375M @ 1.50GHz	1773	1598	NA	NA
Intel Core i3-2377M @ 1.50GHz	1830	1577	NA	NA
Intel Core i3-3110M @ 2.40GHz	3073	1113	38.45	\$79.95
Intel Core i3-3120M @ 2.50GHz	3218	1071	20.11	\$160.00
Intel Core i3-3130M @ 2.60GHz	3374	1031	NA	NA
Intel Core i3-3210 @ 3.20GHz	4037	872	36.71	\$110.00
Intel Core i3-3217U @ 1.80GHz	2302	1372	6.63	\$347.12*
Intel Core i3-3217UE @ 1.60GHz	2162	1431	NA	NA
Intel Core i3-3220 @ 3.30GHz	4231	835	65.62	\$64.49
Intel Core i3-3220T @ 2.80GHz	3700	952	22.36	\$165.50
Intel Core i3-3225 @ 3.30GHz	4339	818	16.47	\$263.50
Intel Core i3-3227U @ 1.90GHz	2467	1316	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1694	1644	NA	NA
Intel Core i3-3240 @ 3.40GHz	4310	823	63.40	\$67.99
Intel Core i3-3240T @ 2.90GHz	3668	958	NA	NA
Intel Core i3-3245 @ 3.40GHz	4424	796	37.50	\$118.00
Intel Core i3-3250 @ 3.50GHz	4445	792	28.68	\$154.99*
Intel Core i3-3250T @ 3.00GHz	3021	1130	NA	NA
Intel Core i3-4000M @ 2.40GHz	3236	1068	16.19	\$199.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4005U @ 1.70GHz	2447	1321	NA	NA
Intel Core i3-4010U @ 1.70GHz	2443	1323	19.65	\$124.31
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4010Y @ 1.30GHz	1897	1540	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2169	1427	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2204	1417	NA	NA
Intel Core i3-4025U @ 1.90GHz	2777	1212	NA	NA
Intel Core i3-4030U @ 1.90GHz	2706	1236	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1300	NA	NA
Intel Core i3-4100M @ 2.50GHz	3485	1001	15.94	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	905	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1175	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1124	NA	NA
Intel Core i3-4130 @ 3.40GHz	4794	732	28.59	\$167.71
Intel Core i3-4130T @ 2.90GHz	4133	857	46.44	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4898	711	39.19	\$124.99
Intel Core i3-4150T @ 3.00GHz	4251	832	18.49	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1167	NA	NA
Intel Core i3-4160 @ 3.60GHz	5055	684	38.85	\$130.14
Intel Core i3-4160T @ 3.10GHz	4387	803	30.90	\$141.99*
Intel Core i3-4170 @ 3.70GHz	5186	661	32.87	\$157.80
Intel Core i3-4170T @ 3.20GHz	4578	770	30.53	\$149.95*
Intel Core i3-4330 @ 3.50GHz	5089	676	15.01	\$339.19
Intel Core i3-4330T @ 3.00GHz	4482	790	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3161	1091	NA	NA
Intel Core i3-4340 @ 3.60GHz	5240	656	21.83	\$239.99
Intel Core i3-4350 @ 3.60GHz	4963	699	15.89	\$312.45*
Intel Core i3-4350T @ 3.10GHz	4302	825	NA	NA
Intel Core i3-4360 @ 3.70GHz	5468	625	19.53	\$279.95
Intel Core i3-4360T @ 3.20GHz	4636	755	NA	NA
Intel Core i3-4370 @ 3.80GHz	5598	607	12.14	\$461.00
Intel Core i3-4370T @ 3.30GHz	4832	723	35.02	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	708	NA	NA
Intel Core i3-5005U @ 2.00GHz	2910	1169	NA	NA
Intel Core i3-5010U @ 2.10GHz	3058	1122	10.06	\$303.93*
Intel Core i3-5015U @ 2.10GHz	3040	1129	NA	NA
Intel Core i3-5020U @ 2.20GHz	3185	1079	6.94	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	957	NA	NA
Intel Core i3-6006U @ 2.00GHz	3151	1096	NA	NA
Intel Core i3-6098P @ 3.60GHz	5537	616	41.41	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5495	619	47.93	\$114.64
Intel Core i3-6100E @ 2.70GHz	3769	932	NA	NA
Intel Core i3-6100H @ 2.70GHz	4212	839	NA	NA
Intel Core i3-6100T @ 3.20GHz	4841	720	42.58	\$113.70
Intel Core i3-6100TE @ 2.70GHz	4341	816	NA	NA
Intel Core i3-6100U @ 2.30GHz	3612	966	7.01	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3833	913	NA	NA
Intel Core i3-6300 @ 3.80GHz	6047	556	43.96	\$137.57
Intel Core i3-6300T @ 3.30GHz	5245	655	31.42	\$166.95
Intel Core i3-6320 @ 3.90GHz	6046	557	36.48	\$165.76
Intel Core i3-7020U @ 2.30GHz	3664	959	13.04	\$281.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7100 @ 3.90GHz	5797	582	50.86	\$114.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7100H @ 3.00GHz	4776	734	21.23	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5055	683	NA	NA
Intel Core i3-7100U @ 2.40GHz	3779	929	10.61	\$356.09
Intel Core i3-7101TE @ 3.40GHz	5016	691	42.88	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4160	853	14.81	\$281.00*
Intel Core i3-7300 @ 4.00GHz	6442	518	40.55	\$158.89*
Intel Core i3-7300T @ 3.50GHz	5366	638	NA	NA
Intel Core i3-7320 @ 4.10GHz	6562	508	36.48	\$179.90*
Intel Core i3-7350K @ 4.20GHz	6624	502	38.64	\$171.45
Intel Core i3-8100 @ 3.60GHz	8077	378	67.93	\$118.90
Intel Core i3-8130U @ 2.20GHz	5376	636	19.13	\$281.00*
Intel Core i3-8350K @ 4.00GHz	9210	297	52.63	\$174.99
Intel Core i5 750S @ 2.40GHz	2197	1419	8.72	\$252.01
Intel Core i5 E 520 @ 2.40GHz	2486	1309	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3624	964	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3777	930	NA	NA
Intel Core i5-430M @ 2.27GHz	2101	1456	15.02	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1339	1815	NA	NA
Intel Core i5-450M @ 2.40GHz	2112	1451	66.12	\$31.95*
Intel Core i5-460M @ 2.53GHz	2332	1358	31.12	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1273	1858	NA	NA
Intel Core i5-480M @ 2.67GHz	2412	1333	29.93	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1404	NA	NA
Intel Core i5-520M @ 2.40GHz	2372	1348	24.50	\$96.84
Intel Core i5-520UM @ 1.07GHz	1356	1807	NA	NA
Intel Core i5-540M @ 2.53GHz	2450	1320	12.90	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1400	1783	NA	NA
Intel Core i5-560M @ 2.67GHz	2590	1270	28.79	\$89.97
Intel Core i5-560UM @ 1.33GHz	1664	1663	NA	NA
Intel Core i5-580M @ 2.67GHz	2617	1261	10.15	\$258.00
Intel Core i5-650 @ 3.20GHz	3106	1105	48.09	\$64.59
Intel Core i5-655K @ 3.20GHz	3399	1024	NA	NA
Intel Core i5-660 @ 3.33GHz	3258	1060	24.33	\$133.95
Intel Core i5-661 @ 3.33GHz	3183	1081	12.63	\$252.01
Intel Core i5-670 @ 3.47GHz	3312	1046	20.08	\$165.00
Intel Core i5-680 @ 3.60GHz	3510	995	12.90	\$272.01
Intel Core i5-750 @ 2.67GHz	3703	950	20.52	\$180.50
Intel Core i5-760 @ 2.80GHz	3897	902	19.49	\$199.99
Intel Core i5-2300 @ 2.80GHz	5346	645	53.47	\$99.99
Intel Core i5-2310 @ 2.90GHz	5523	618	84.98	\$65.00*
Intel Core i5-2320 @ 3.00GHz	5756	587	22.14	\$259.95
Intel Core i5-2380P @ 3.10GHz	5679	597	31.55	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4260	829	42.65	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5941	564	74.28	\$79.99
Intel Core i5-2400S @ 2.50GHz	4939	706	86.66	\$57.00
Intel Core i5-2405S @ 2.50GHz	5029	688	30.59	\$164.40*
Intel Core i5-2410M @ 2.30GHz	3165	1088	41.05	\$77.12
Intel Core i5-2415M @ 2.30GHz	3299	1049	NA	NA
Intel Core i5-2430M @ 2.40GHz	3281	1052	22.63	\$145.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2435M @ 2.40GHz	3225	1069	NA	NA
Intel Core i5-2450M @ 2.50GHz	3399	1025	26.15	\$130.00*
Intel Core i5-2450P @ 3.20GHz	6132	548	31.45	\$195.00*
Intel Core i5-2467M @ 1.60GHz	2334	1357	NA	NA
Intel Core i5-2500 @ 3.30GHz	6324	532	39.78	\$159.00
Intel Core i5-2500K @ 3.30GHz	6473	514	13.21	\$489.95
Intel Core i5-2500S @ 2.70GHz	5299	652	27.89	\$190.00
Intel Core i5-2500T @ 2.30GHz	4680	747	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	955	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1045	NA	NA
Intel Core i5-2520M @ 2.50GHz	3583	978	21.13	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2092	1460	NA	NA
Intel Core i5-2540M @ 2.60GHz	3784	927	34.42	\$109.95
Intel Core i5-2550K @ 3.40GHz	6702	491	51.96	\$129.00*
Intel Core i5-2557M @ 1.70GHz	2651	1251	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	938	NA	NA
Intel Core i5-3210M @ 2.50GHz	3819	917	31.75	\$120.29*
Intel Core i5-3230M @ 2.60GHz	3935	895	15.77	\$249.65*
Intel Core i5-3317U @ 1.70GHz	3089	1109	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4109	861	33.48	\$122.74*
Intel Core i5-3330 @ 3.00GHz	5921	567	16.45	\$359.95
Intel Core i5-3330S @ 2.70GHz	5661	599	25.33	\$223.54
Intel Core i5-3335S @ 2.70GHz	5788	583	NA	NA
Intel Core i5-3337U @ 1.80GHz	3217	1072	14.30	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2228	1409	NA	NA
Intel Core i5-3340 @ 3.10GHz	6076	554	33.20	\$183.01
Intel Core i5-3340M @ 2.70GHz	4241	834	53.05	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5810	580	18.16	\$320.00
Intel Core i5-3350P @ 3.10GHz	6140	544	26.38	\$232.77
Intel Core i5-3360M @ 2.80GHz	4424	795	45.12	\$98.08*
Intel Core i5-3380M @ 2.90GHz	4414	799	NA	NA
Intel Core i5-3427U @ 1.80GHz	3543	987	8.44	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3633	963	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1163	NA	NA
Intel Core i5-3450 @ 3.10GHz	6509	512	32.55	\$200.00
Intel Core i5-3450S @ 2.80GHz	6184	539	36.62	\$168.90
Intel Core i5-3470 @ 3.20GHz	6676	496	52.05	\$128.26
Intel Core i5-3470S @ 2.90GHz	6335	531	45.07	\$140.56
Intel Core i5-3470T @ 2.90GHz	4500	787	19.95	\$225.57*
Intel Core i5-3475S @ 2.90GHz	6603	504	76.88	\$85.90*
Intel Core i5-3550 @ 3.30GHz	6922	478	28.44	\$243.40
Intel Core i5-3550S @ 3.00GHz	6845	481	29.70	\$230.51
Intel Core i5-3570 @ 3.40GHz	7086	464	37.03	\$191.37
Intel Core i5-3570K @ 3.40GHz	7167	454	16.75	\$427.98
Intel Core i5-3570S @ 3.10GHz	6699	494	23.51	\$285.00
Intel Core i5-3570T @ 2.30GHz	5877	572	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3786	926	NA	NA
Intel Core i5-4200H @ 2.80GHz	4436	793	NA	NA
Intel Core i5-4200M @ 2.50GHz	4039	871	22.44	\$179.99*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4200U @ 1.60GHz	3285	1051	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1336	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2254	1398	NA	NA
Intel Core i5-4210H @ 2.90GHz	4543	779	NA	NA
Intel Core i5-4210M @ 2.60GHz	4191	844	13.52	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3399	1023	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2372	1346	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1396	NA	NA
Intel Core i5-4250U @ 1.30GHz	3455	1010	9.63	\$358.99*
Intel Core i5-4258U @ 2.40GHz	4096	862	NA	NA
Intel Core i5-4260U @ 1.40GHz	3593	973	NA	NA
Intel Core i5-4278U @ 2.60GHz	4363	810	NA	NA
Intel Core i5-4288U @ 2.60GHz	4365	808	NA	NA
Intel Core i5-4300M @ 2.60GHz	4402	800	NA	NA
Intel Core i5-4300U @ 1.90GHz	3742	942	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2484	1310	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2967	1148	NA	NA
Intel Core i5-4308U @ 2.80GHz	4190	845	NA	NA
Intel Core i5-4310M @ 2.70GHz	4597	765	NA	NA
Intel Core i5-4310U @ 2.00GHz	3707	947	NA	NA
Intel Core i5-4330M @ 2.80GHz	4590	768	16.69	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4810	729	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	967	NA	NA
Intel Core i5-4400E @ 2.70GHz	1271	1861	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	891	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1205	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6303	533	26.72	\$235.95*
Intel Core i5-4430S @ 2.70GHz	5910	570	39.94	\$147.99*
Intel Core i5-4440 @ 3.10GHz	6483	513	8.23	\$788.14
Intel Core i5-4440S @ 2.80GHz	6184	538	13.36	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6701	492	37.23	\$180.00
Intel Core i5-4460S @ 2.90GHz	6402	527	9.70	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4953	702	NA	NA
Intel Core i5-4570 @ 3.20GHz	7101	463	25.37	\$279.94
Intel Core i5-4570R @ 2.70GHz	6700	493	NA	NA
Intel Core i5-4570S @ 2.90GHz	6768	487	16.51	\$409.95
Intel Core i5-4570T @ 2.90GHz	4818	726	13.95	\$345.50*
Intel Core i5-4570TE @ 2.70GHz	4008	879	14.93	\$268.42*
Intel Core i5-4590 @ 3.30GHz	7280	447	28.61	\$254.50
Intel Core i5-4590S @ 3.00GHz	6994	470	18.91	\$369.98*
Intel Core i5-4590T @ 2.00GHz	5577	609	NA	NA
Intel Core i5-4670 @ 3.40GHz	7420	435	20.61	\$359.95
Intel Core i5-4670K @ 3.40GHz	7629	418	31.79	\$240.00
Intel Core i5-4670K CPT @ 3.40GHz	7411	436	NA	NA
Intel Core i5-4670S @ 3.10GHz	6436	520	NA	NA
Intel Core i5-4670T @ 2.30GHz	6234	535	30.73	\$202.87
Intel Core i5-4690 @ 3.50GHz	7642	416	23.82	\$320.90
Intel Core i5-4690K @ 3.50GHz	7791	401	23.16	\$336.39
Intel Core i5-4690S @ 3.20GHz	7431	433	13.06	\$569.00*

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Intel Core i5-4690T @ 2.50GHz	6429	523	NA	NA
Intel Core i5-5200U @ 2.20GHz	3492	998	NA	NA
Intel Core i5-5250U @ 1.60GHz	3594	972	8.13	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4398	801	NA	NA
Intel Core i5-5287U @ 2.90GHz	4681	746	NA	NA
Intel Core i5-5300U @ 2.30GHz	3794	923	7.79	\$487.22
Intel Core i5-5350U @ 1.80GHz	3316	1044	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	432	NA	NA
Intel Core i5-5675C @ 3.10GHz	8182	370	13.39	\$611.32
Intel Core i5-5675R @ 3.10GHz	8061	379	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4171	849	NA	NA
Intel Core i5-6200U @ 2.30GHz	4015	875	NA	NA
Intel Core i5-6260U @ 1.80GHz	4363	809	8.41	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4956	701	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	737	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6077	553	NA	NA
Intel Core i5-6300U @ 2.40GHz	4363	811	NA	NA
Intel Core i5-6360U @ 2.00GHz	4836	721	NA	NA
Intel Core i5-6400 @ 2.70GHz	6762	489	37.49	\$180.39
Intel Core i5-6400T @ 2.20GHz	5604	605	33.16	\$169.00
Intel Core i5-6402P @ 2.80GHz	7357	441	38.73	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	584	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6779	486	NA	NA
Intel Core i5-6500 @ 3.20GHz	7235	450	36.44	\$198.55
Intel Core i5-6500T @ 2.50GHz	6237	534	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6585	506	NA	NA
Intel Core i5-6600 @ 3.30GHz	7755	404	33.74	\$229.85
Intel Core i5-6600K @ 3.50GHz	8047	383	31.22	\$257.80
Intel Core i5-6600T @ 2.70GHz	7302	446	38.44	\$189.99
Intel Core i5-7200U @ 2.50GHz	4644	752	NA	NA
Intel Core i5-7260U @ 2.20GHz	5711	593	NA	NA
Intel Core i5-7267U @ 3.10GHz	5068	680	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6843	482	NA	NA
Intel Core i5-7300U @ 2.60GHz	5107	670	NA	NA
Intel Core i5-7360U @ 2.30GHz	5960	562	NA	NA
Intel Core i5-7400 @ 3.00GHz	7391	437	41.20	\$179.40
Intel Core i5-7400T @ 2.40GHz	6449	517	38.16	\$169.00
Intel Core i5-7440HQ @ 2.80GHz	7973	389	NA	NA
Intel Core i5-7500 @ 3.40GHz	8080	377	41.44	\$194.99
Intel Core i5-7500T @ 2.70GHz	7137	459	36.63	\$194.83
Intel Core i5-7600 @ 3.50GHz	8851	330	38.36	\$230.76
Intel Core i5-7600K @ 3.80GHz	9153	302	38.95	\$234.99
Intel Core i5-7600T @ 2.80GHz	8130	374	37.78	\$215.21
Intel Core i5-7640X @ 4.00GHz	9522	269	48.83	\$195.00
Intel Core i5-8250U @ 1.60GHz	7655	415	NA	NA
Intel Core i5-8300H @ 2.30GHz	9423	282	37.70	\$250.00*
Intel Core i5-8350U @ 1.70GHz	8487	350	28.58	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11792	170	58.27	\$202.36
Intel Core i5-8500 @ 3.00GHz	12340	157	51.21	\$240.99

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Intel Core i5-8500T @ 2.10GHz	10499	205	53.88	\$194.87*
Intel Core i5-8600 @ 3.10GHz	11898	167	55.86	\$213.00*
Intel Core i5-8600K @ 3.60GHz	12785	145	53.50	\$238.99
Intel Core i5-8600T @ 2.30GHz	11111	181	52.17	\$213.00*
Intel Core i5-24050S @ 2.50GHz	4928	709	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3780	928	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1505	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1285	NA	NA
Intel Core i7-620LM @ 2.00GHz	1952	1513	NA	NA
Intel Core i7-620M @ 2.67GHz	2728	1233	24.80	\$110.01
Intel Core i7-620UM @ 1.07GHz	1323	1824	NA	NA
Intel Core i7-640LM @ 2.13GHz	2248	1401	NA	NA
Intel Core i7-640M @ 2.80GHz	2845	1187	17.79	\$159.95
Intel Core i7-640UM @ 1.20GHz	1666	1662	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1615	NA	NA
Intel Core i7-680UM @ 1.47GHz	1686	1649	NA	NA
Intel Core i7-720QM @ 1.60GHz	3017	1132	27.45	\$109.95
Intel Core i7-740QM @ 1.73GHz	3200	1076	29.11	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3243	1065	23.33	\$139.00
Intel Core i7-840QM @ 1.87GHz	3408	1020	11.75	\$289.97*
Intel Core i7-860 @ 2.80GHz	5022	690	18.01	\$278.95
Intel Core i7-860S @ 2.53GHz	4711	741	11.16	\$422.01
Intel Core i7-870 @ 2.93GHz	5361	641	17.30	\$309.95
Intel Core i7-870S @ 2.67GHz	4969	698	NA	NA
Intel Core i7-875K @ 2.93GHz	5450	629	11.85	\$459.95
Intel Core i7-880 @ 3.07GHz	5679	596	9.74	\$583.00*
Intel Core i7-920 @ 2.67GHz	4937	707	14.74	\$335.00
Intel Core i7-920XM @ 2.00GHz	3767	933	11.81	\$318.93
Intel Core i7-930 @ 2.80GHz	5154	663	10.35	\$497.97
Intel Core i7-940 @ 2.93GHz	5371	637	17.97	\$299.00
Intel Core i7-940XM @ 2.13GHz	3937	894	NA	NA
Intel Core i7-950 @ 3.07GHz	5568	610	17.97	\$309.95
Intel Core i7-960 @ 3.20GHz	5840	578	19.80	\$295.00
Intel Core i7-965 @ 3.20GHz	5862	574	16.33	\$359.00
Intel Core i7-970 @ 3.20GHz	8415	357	15.36	\$547.73
Intel Core i7-975 @ 3.33GHz	6135	546	13.14	\$467.00
Intel Core i7-980 @ 3.33GHz	8693	340	12.42	\$699.99
Intel Core i7-980X @ 3.33GHz	8821	334	11.03	\$799.99
Intel Core i7-985 @ 3.47GHz	6641	499	NA	NA
Intel Core i7-990X @ 3.47GHz	9115	306	17.91	\$509.00
Intel Core i7-995X @ 3.60GHz	9791	253	NA	NA
Intel Core i7-2600 @ 3.40GHz	8202	368	54.69	\$149.99
Intel Core i7-2600K @ 3.40GHz	8457	355	22.55	\$375.00
Intel Core i7-2600S @ 2.80GHz	7078	466	20.34	\$348.00
Intel Core i7-2610UE @ 1.50GHz	2481	1312	NA	NA
Intel Core i7-2617M @ 1.50GHz	2818	1198	NA	NA
Intel Core i7-2620M @ 2.70GHz	3833	912	21.39	\$179.21*
Intel Core i7-2630QM @ 2.00GHz	5541	615	42.96	\$129.00*
Intel Core i7-2630UM @ 1.60GHz	2584	1271	NA	NA

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Intel Core i7-2635QM @ 2.00GHz	5460	627	NA	NA
Intel Core i7-2637M @ 1.70GHz	2906	1170	NA	NA
Intel Core i7-2640M @ 2.80GHz	3933	897	22.78	\$172.71
Intel Core i7-2655LE @ 2.20GHz	3161	1092	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5904	571	42.48	\$139.00
Intel Core i7-2675QM @ 2.20GHz	5548	614	NA	NA
Intel Core i7-2677M @ 1.80GHz	2834	1190	NA	NA
Intel Core i7-2700K @ 3.50GHz	8727	337	28.24	\$309.00
Intel Core i7-2710QE @ 2.10GHz	5768	586	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	639	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6113	550	35.97	\$169.97*
Intel Core i7-2760QM @ 2.40GHz	6580	507	47.02	\$139.95
Intel Core i7-2820QM @ 2.30GHz	6633	500	18.43	\$359.95*
Intel Core i7-2840QM @ 2.40GHz	6766	488	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7011	469	11.69	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7105	462	11.67	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7148	456	17.44	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3591	976	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1042	NA	NA
Intel Core i7-3520M @ 2.90GHz	4538	781	19.31	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3847	907	NA	NA
Intel Core i7-3540M @ 3.00GHz	4634	757	10.78	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	4130	858	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	516	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7472	430	18.68	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6428	524	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6827	485	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	442	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7360	440	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7591	421	31.76	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6934	477	20.70	\$335.00*
Intel Core i7-3635QM @ 2.40GHz	6658	498	NA	NA
Intel Core i7-3667U @ 2.00GHz	4001	880	NA	NA
Intel Core i7-3687U @ 2.10GHz	4173	848	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3269	1054	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8127	375	24.28	\$334.72*
Intel Core i7-3740QM @ 2.70GHz	8337	361	34.75	\$239.95
Intel Core i7-3770 @ 3.40GHz	9302	291	28.72	\$323.85
Intel Core i7-3770K @ 3.50GHz	9528	268	28.11	\$338.94
Intel Core i7-3770S @ 3.10GHz	8882	325	41.53	\$213.90
Intel Core i7-3770T @ 2.50GHz	8190	369	24.82	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9003	316	17.65	\$509.99
Intel Core i7-3820QM @ 2.70GHz	8476	352	17.40	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8795	335	26.26	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9151	303	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	12015	165	20.77	\$578.41
Intel Core i7-3940XM @ 3.00GHz	9311	290	17.28	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12629	150	16.18	\$780.76
Intel Core i7-3970X @ 3.50GHz	12648	149	29.08	\$435.00*

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Intel Core i7-4500U @ 1.80GHz	3790	924	NA	NA
Intel Core i7-4510U @ 2.00GHz	3935	896	NA	NA
Intel Core i7-4550U @ 1.50GHz	3759	937	NA	NA
Intel Core i7-4558U @ 2.80GHz	4369	806	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	820	NA	NA
Intel Core i7-4578U @ 3.00GHz	4748	738	NA	NA
Intel Core i7-4600M @ 2.90GHz	4834	722	NA	NA
Intel Core i7-4600U @ 2.10GHz	4112	860	NA	NA
Intel Core i7-4610M @ 3.00GHz	4971	697	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	941	NA	NA
Intel Core i7-4650U @ 1.70GHz	3987	884	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	453	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7741	407	20.21	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7695	412	40.72	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7495	429	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7137	458	NA	NA
Intel Core i7-4710HQ @ 2.50GHz	7747	406	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7987	388	29.41	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7519	425	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7154	455	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8011	385	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	381	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8290	363	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	348	NA	NA
Intel Core i7-4765T @ 2.00GHz	7305	445	27.06	\$269.99*
Intel Core i7-4770 @ 3.40GHz	9792	252	20.88	\$469.00
Intel Core i7-4770HQ @ 2.20GHz	8946	321	NA	NA
Intel Core i7-4770K @ 3.50GHz	10102	230	20.71	\$487.91
Intel Core i7-4770R @ 3.20GHz	9830	250	NA	NA
Intel Core i7-4770S @ 3.10GHz	9336	288	14.02	\$666.00
Intel Core i7-4770T @ 2.50GHz	8612	346	27.87	\$308.99*
Intel Core i7-4770TE @ 2.30GHz	6615	503	NA	NA
Intel Core i7-4771 @ 3.50GHz	9880	246	11.89	\$831.00*
Intel Core i7-4785T @ 2.20GHz	7626	419	NA	NA
Intel Core i7-4790 @ 3.60GHz	9997	238	29.80	\$335.49
Intel Core i7-4790K @ 4.00GHz	11187	179	29.68	\$376.99
Intel Core i7-4790S @ 3.20GHz	9561	267	13.66	\$699.99
Intel Core i7-4790T @ 2.70GHz	9057	310	25.23	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8496	349	16.66	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8659	343	20.38	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9726	260	23.72	\$409.99*
Intel Core i7-4850HQ @ 2.30GHz	9021	313	20.79	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7925	394	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9234	294	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9342	286	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9057	311	14.87	\$609.29*
Intel Core i7-4910MQ @ 2.90GHz	9456	278	20.56	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13033	140	18.62	\$699.99
Intel Core i7-4930MX @ 3.00GHz	9513	271	8.68	\$1,096.00*

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Intel Core i7-4940MX @ 3.10GHz	9893	245	14.99	\$659.95
Intel Core i7-4960HQ @ 2.60GHz	9785	255	15.71	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13832	123	7.94	\$1,741.73
Intel Core i7-4980HQ @ 2.80GHz	10202	221	NA	NA
Intel Core i7-5500U @ 2.40GHz	3971	888	NA	NA
Intel Core i7-5550U @ 2.00GHz	4254	830	NA	NA
Intel Core i7-5557U @ 3.10GHz	4951	703	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4306	824	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	836	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	371	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	365	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8385	358	NA	NA
Intel Core i7-5775C @ 3.30GHz	11009	188	25.00	\$440.44*
Intel Core i7-5775R @ 3.30GHz	10839	193	NA	NA
Intel Core i7-5820K @ 3.30GHz	12996	141	28.75	\$452.00
Intel Core i7-5850HQ @ 2.70GHz	9459	277	NA	NA
Intel Core i7-5930K @ 3.50GHz	13636	128	20.57	\$662.87
Intel Core i7-5950HQ @ 2.90GHz	10949	189	NA	NA
Intel Core i7-5960X @ 3.00GHz	15978	79	17.73	\$901.31
Intel Core i7-6498DU @ 2.50GHz	4562	775	NA	NA
Intel Core i7-6500U @ 2.50GHz	4434	794	NA	NA
Intel Core i7-6560U @ 2.20GHz	4804	730	NA	NA
Intel Core i7-6567U @ 3.30GHz	5630	602	NA	NA
Intel Core i7-6600U @ 2.60GHz	4811	728	NA	NA
Intel Core i7-6650U @ 2.20GHz	4946	705	NA	NA
Intel Core i7-6700 @ 3.40GHz	10034	236	32.99	\$304.18
Intel Core i7-6700HQ @ 2.60GHz	8144	373	5.40	\$1,509.00*
Intel Core i7-6700K @ 4.00GHz	11113	180	15.02	\$739.89
Intel Core i7-6700T @ 2.80GHz	9038	312	33.48	\$269.99*
Intel Core i7-6700TE @ 2.40GHz	8914	323	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9719	262	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13602	131	40.13	\$338.99
Intel Core i7-6820EQ @ 2.80GHz	8968	318	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9163	301	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8789	336	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	525	NA	NA
Intel Core i7-6850K @ 3.60GHz	14382	111	29.41	\$489.00
Intel Core i7-6900K @ 3.20GHz	17704	54	17.79	\$995.00
Intel Core i7-6920HQ @ 2.90GHz	9606	265	NA	NA
Intel Core i7-6950X @ 3.00GHz	20007	29	12.70	\$1,575.55
Intel Core i7-7500U @ 2.70GHz	5198	659	NA	NA
Intel Core i7-7560U @ 2.40GHz	5913	569	NA	NA
Intel Core i7-7567U @ 3.50GHz	6534	510	NA	NA
Intel Core i7-7600U @ 2.80GHz	5568	611	NA	NA
Intel Core i7-7660U @ 2.50GHz	6139	545	NA	NA
Intel Core i7-7700 @ 3.60GHz	10778	194	35.49	\$303.69
Intel Core i7-7700HQ @ 2.80GHz	8868	326	NA	NA
Intel Core i7-7700K @ 4.20GHz	12062	164	36.89	\$326.99
Intel Core i7-7700T @ 2.90GHz	9258	293	26.44	\$350.17

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Intel Core i7-7740X @ 4.30GHz	12261	160	34.88	\$351.52
Intel Core i7-7800X @ 3.50GHz	14517	107	38.21	\$379.99
Intel Core i7-7820HK @ 2.90GHz	10069	233	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9441	280	NA	NA
Intel Core i7-7820X @ 3.60GHz	18605	41	39.67	\$468.99
Intel Core i7-7900X @ 3.30GHz	18539	42	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10215	220	NA	NA
Intel Core i7-8550U @ 1.80GHz	8307	362	NA	NA
Intel Core i7-8650U @ 1.90GHz	9080	308	NA	NA
Intel Core i7-8700 @ 3.20GHz	15269	91	40.78	\$374.45
Intel Core i7-8700K @ 3.70GHz	16030	77	48.58	\$329.99
Intel Core i7-8700T @ 2.40GHz	13602	130	35.80	\$379.95
Intel Core i7-8705G @ 3.10GHz	10161	225	NA	NA
Intel Core i7-8750H @ 2.20GHz	12558	152	31.79	\$395.00*
Intel Core i7-8809G @ 3.10GHz	10635	201	NA	NA
Intel Core i7-8850H @ 2.60GHz	15409	87	39.01	\$395.00*
Intel Core i9-7900X @ 3.30GHz	22293	15	24.18	\$921.99
Intel Core i9-7920X @ 2.90GHz	23347	11	19.47	\$1,199.03
Intel Core i9-7940X @ 3.10GHz	25067	8	18.34	\$1,366.93
Intel Core i9-7960X @ 2.80GHz	25667	5	16.41	\$1,564.04
Intel Core i9-7980XE @ 2.60GHz	27762	3	14.68	\$1,890.87
Intel Core i9-8950HK @ 2.90GHz	14548	105	24.95	\$583.00*
Intel Core m3-6Y30 @ 0.90GHz	3051	1123	NA	NA
Intel Core m3-7Y30 @ 1.00GHz	3555	985	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3527	990	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3357	1035	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3208	1075	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3523	992	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2737	1229	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2250	1400	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2826	1192	10.06	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2652	1249	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2546	1284	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1133	NA	NA
Intel Core M-5Y71 @ 1.20GHz	3059	1121	10.89	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	395	2398	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2395	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2313	NA	NA
Intel Core Solo U1300 @ 1.06GHz	276	2552	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2550	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2470	NA	NA
Intel E3000 @ 3.40GHz	2767	1218	NA	NA
Intel Pentium 4 1.40GHz	164	2658	NA	NA
Intel Pentium 4 1.50GHz	131	2674	NA	NA
Intel Pentium 4 1.60GHz	129	2676	NA	NA
Intel Pentium 4 1.70GHz	132	2673	NA	NA
Intel Pentium 4 1.80GHz	161	2661	NA	NA
Intel Pentium 4 1.90GHz	159	2662	NA	NA
Intel Pentium 4 2.00GHz	189	2639	NA	NA

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Intel Pentium 4 2.20GHz	210	2621	NA	NA
Intel Pentium 4 2.26GHz	221	2611	NA	NA
Intel Pentium 4 2.40GHz	228	2604	NA	NA
Intel Pentium 4 2.50GHz	245	2588	NA	NA
Intel Pentium 4 2.53GHz	248	2585	NA	NA
Intel Pentium 4 2.60GHz	288	2529	NA	NA
Intel Pentium 4 2.66GHz	254	2575	NA	NA
Intel Pentium 4 2.80GHz	322	2476	NA	NA
Intel Pentium 4 2.93GHz	297	2514	NA	NA
Intel Pentium 4 3.00GHz	354	2447	NA	NA
Intel Pentium 4 3.06GHz	347	2452	NA	NA
Intel Pentium 4 3.20GHz	375	2418	NA	NA
Intel Pentium 4 3.40GHz	396	2397	NA	NA
Intel Pentium 4 3.46GHz	487	2293	NA	NA
Intel Pentium 4 3.60GHz	490	2290	NA	NA
Intel Pentium 4 3.73GHz	486	2295	NA	NA
Intel Pentium 4 3.80GHz	484	2302	NA	NA
Intel Pentium 4 3.83GHz	195	2634	NA	NA
Intel Pentium 4 4.00GHz	184	2645	NA	NA
Intel Pentium 4 1300MHz	119	2680	NA	NA
Intel Pentium 4 1400MHz	127	2677	NA	NA
Intel Pentium 4 1500MHz	125	2678	NA	NA
Intel Pentium 4 1600MHz	193	2638	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2665	NA	NA
Intel Pentium 4 1800MHz	162	2660	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2668	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2633	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2650	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2623	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2653	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2622	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2629	NA	NA
Intel Pentium 5 2.66GHz	705	2175	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	1954	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1153	1924	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	1928	NA	NA
Intel Pentium 987 @ 1.50GHz	1223	1885	NA	NA
Intel Pentium 997 @ 1.60GHz	1447	1764	NA	NA
Intel Pentium 1403 @ 2.60GHz	2747	1226	NA	NA
Intel Pentium 2020M @ 2.40GHz	2285	1383	17.05	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2414	1331	18.02	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1661	1665	12.40	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1824	1579	13.61	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	1977	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2303	1368	NA	NA
Intel Pentium 3556U @ 1.70GHz	1713	1629	NA	NA
Intel Pentium 3558U @ 1.70GHz	1690	1647	NA	NA
Intel Pentium 3560M @ 2.40GHz	2275	1388	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1864	NA	NA

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Intel Pentium 3805U @ 1.90GHz	1989	1498	NA	NA
Intel Pentium 3825U @ 1.90GHz	2538	1288	NA	NA
Intel Pentium 4405U @ 2.10GHz	2967	1149	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1469	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2094	1459	13.01	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3184	1080	NA	NA
Intel Pentium A1018 @ 2.10GHz	1605	1692	NA	NA
Intel Pentium B940 @ 2.00GHz	1727	1622	57.70	\$29.94*
Intel Pentium B950 @ 2.10GHz	1717	1627	NA	NA
Intel Pentium B960 @ 2.20GHz	1851	1565	37.80	\$48.99*
Intel Pentium B970 @ 2.30GHz	1955	1510	38.34	\$50.99*
Intel Pentium B980 @ 2.40GHz	2045	1476	29.24	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3843	909	29.79	\$129.00*
Intel Pentium D 805 @ 2.66GHz	536	2258	NA	NA
Intel Pentium D 830 @ 3.00GHz	643	2204	NA	NA
Intel Pentium D 915 @ 2.80GHz	583	2231	NA	NA
Intel Pentium D 940 @ 3.20GHz	709	2172	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2155	NA	NA
Intel Pentium D 960 @ 3.60GHz	814	2126	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2094	5.50	\$157.95
Intel Pentium E2160 @ 1.80GHz	997	2014	28.50	\$35.00
Intel Pentium E2180 @ 2.00GHz	1087	1961	4.73	\$230.00
Intel Pentium E2200 @ 2.20GHz	1204	1898	7.63	\$157.95
Intel Pentium E2210 @ 2.20GHz	1174	1908	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	1819	8.43	\$157.95
Intel Pentium E5200 @ 2.50GHz	1488	1745	9.42	\$157.95
Intel Pentium E5300 @ 2.60GHz	1541	1718	61.79	\$24.95
Intel Pentium E5400 @ 2.70GHz	1595	1698	10.10	\$157.95
Intel Pentium E5500 @ 2.80GHz	1638	1675	10.37	\$157.95
Intel Pentium E5700 @ 3.00GHz	1742	1616	124.56	\$13.99
Intel Pentium E5800 @ 3.20GHz	1902	1537	43.24	\$44.00
Intel Pentium E6300 @ 2.80GHz	1705	1632	3.02	\$565.00
Intel Pentium E6500 @ 2.93GHz	1765	1603	11.18	\$157.95
Intel Pentium E6600 @ 3.06GHz	1877	1556	134.11	\$14.00
Intel Pentium E6700 @ 3.20GHz	1943	1517	37.45	\$51.90
Intel Pentium E6800 @ 3.33GHz	2003	1494	2.41	\$831.38*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2079	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2033	NA	NA
Intel Pentium G620 @ 2.60GHz	2295	1376	91.85	\$24.99
Intel Pentium G620T @ 2.20GHz	2052	1474	25.66	\$79.99*
Intel Pentium G630 @ 2.70GHz	2372	1347	94.95	\$24.99
Intel Pentium G630T @ 2.30GHz	2122	1447	26.54	\$79.99*
Intel Pentium G640 @ 2.80GHz	2528	1292	101.17	\$24.99
Intel Pentium G640T @ 2.40GHz	1894	1545	NA	NA
Intel Pentium G645 @ 2.90GHz	2583	1272	27.20	\$95.00*
Intel Pentium G645T @ 2.50GHz	2286	1379	NA	NA
Intel Pentium G840 @ 2.80GHz	2573	1279	73.55	\$34.99
Intel Pentium G850 @ 2.90GHz	2661	1248	76.26	\$34.90
Intel Pentium G860 @ 3.00GHz	2750	1224	91.72	\$29.99

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Intel Pentium G870 @ 3.10GHz	2822	1195	29.10	\$97.00
Intel Pentium G2010 @ 2.80GHz	2620	1259	72.80	\$35.99
Intel Pentium G2020 @ 2.90GHz	2769	1215	46.20	\$59.95
Intel Pentium G2020T @ 2.50GHz	2470	1313	51.90	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2878	1182	70.23	\$40.99
Intel Pentium G2030T @ 2.60GHz	2490	1306	38.91	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1206	NA	NA
Intel Pentium G2120 @ 3.10GHz	3082	1112	35.83	\$86.05
Intel Pentium G2130 @ 3.20GHz	3212	1074	40.16	\$79.99
Intel Pentium G2140 @ 3.30GHz	3384	1027	42.34	\$79.95
Intel Pentium G3220 @ 3.00GHz	3139	1100	30.60	\$102.60*
Intel Pentium G3220T @ 2.60GHz	2601	1266	65.05	\$39.99*
Intel Pentium G3240 @ 3.10GHz	3170	1085	44.74	\$70.88*
Intel Pentium G3240T @ 2.70GHz	2936	1162	NA	NA
Intel Pentium G3250 @ 3.20GHz	3263	1055	34.37	\$94.95*
Intel Pentium G3250T @ 2.80GHz	2970	1147	64.59	\$45.99*
Intel Pentium G3258 @ 3.20GHz	3900	900	21.88	\$178.28
Intel Pentium G3260 @ 3.30GHz	3383	1028	26.08	\$129.74
Intel Pentium G3260T @ 2.90GHz	2914	1166	29.15	\$99.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1340	NA	NA
Intel Pentium G3420 @ 3.20GHz	3410	1019	31.01	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1136	28.58	\$105.25*
Intel Pentium G3430 @ 3.30GHz	3474	1003	29.92	\$116.15*
Intel Pentium G3440 @ 3.30GHz	3304	1047	20.01	\$165.14
Intel Pentium G3440T @ 2.80GHz	3101	1107	NA	NA
Intel Pentium G3450 @ 3.40GHz	3706	949	10.93	\$339.00
Intel Pentium G3450T @ 2.90GHz	2967	1150	NA	NA
Intel Pentium G3460 @ 3.50GHz	3593	975	12.47	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3706	948	35.54	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3572	980	79.41	\$44.99
Intel Pentium G4400T @ 2.90GHz	3245	1064	NA	NA
Intel Pentium G4500 @ 3.50GHz	4000	881	56.43	\$70.89
Intel Pentium G4500T @ 3.00GHz	3471	1006	NA	NA
Intel Pentium G4520 @ 3.60GHz	4195	842	46.07	\$91.07
Intel Pentium G4560 @ 3.50GHz	4891	712	72.83	\$67.17*
Intel Pentium G4560T @ 2.90GHz	4047	868	54.32	\$74.52*
Intel Pentium G4600 @ 3.60GHz	5137	665	59.65	\$86.12
Intel Pentium G4600T @ 3.00GHz	4328	821	32.80	\$131.99
Intel Pentium G4620 @ 3.70GHz	5272	654	48.54	\$108.62*
Intel Pentium G6950 @ 2.80GHz	1856	1562	19.93	\$93.18
Intel Pentium G6951 @ 2.80GHz	2140	1439	22.77	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2101	1455	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5349	644	66.88	\$79.99
Intel Pentium Gold G5600 @ 3.90GHz	5852	577	NA	NA
Intel Pentium III 933S @ 933MHz	238	2596	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2537	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2549	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2494	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2515	NA	NA

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Intel Pentium III 1400S @ 1400MHz	299	2512	NA	NA
Intel Pentium III Mobile 750MHz	103	2683	NA	NA
Intel Pentium III Mobile 800MHz	182	2648	NA	NA
Intel Pentium III Mobile 866MHz	152	2666	NA	NA
Intel Pentium III Mobile 933MHz	218	2613	8.58	\$25.51*
Intel Pentium III Mobile 1000MHz	245	2587	NA	NA
Intel Pentium III Mobile 1066MHz	268	2561	NA	NA
Intel Pentium III Mobile 1133MHz	251	2581	NA	NA
Intel Pentium III Mobile 1200MHz	262	2568	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1572	NA	NA
Intel Pentium J2900 @ 2.41GHz	1972	1504	NA	NA
Intel Pentium J3710 @ 1.60GHz	1964	1507	NA	NA
Intel Pentium J4205 @ 1.50GHz	2299	1374	NA	NA
Intel Pentium M 1.10GHz	282	2541	NA	NA
Intel Pentium M 1.20GHz	298	2513	NA	NA
Intel Pentium M 1.30GHz	301	2507	NA	NA
Intel Pentium M 1.40GHz	345	2456	NA	NA
Intel Pentium M 1.50GHz	366	2431	NA	NA
Intel Pentium M 1.60GHz	363	2436	NA	NA
Intel Pentium M 1.70GHz	405	2383	NA	NA
Intel Pentium M 1.73GHz	413	2370	NA	NA
Intel Pentium M 1.80GHz	409	2377	NA	NA
Intel Pentium M 1.86GHz	438	2348	NA	NA
Intel Pentium M 2.00GHz	464	2318	NA	NA
Intel Pentium M 2.10GHz	448	2335	NA	NA
Intel Pentium M 2.13GHz	510	2277	NA	NA
Intel Pentium M 2.26GHz	509	2279	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2304	NA	NA
Intel Pentium M 900MHz	217	2616	NA	NA
Intel Pentium M 1000MHz	233	2601	NA	NA
Intel Pentium M 1100MHz	259	2571	NA	NA
Intel Pentium M 1200MHz	237	2597	NA	NA
Intel Pentium M 1300MHz	303	2500	NA	NA
Intel Pentium M 1400MHz	321	2477	NA	NA
Intel Pentium M 1500MHz	354	2445	NA	NA
Intel Pentium M 1600MHz	332	2468	NA	NA
Intel Pentium M 1700MHz	376	2417	NA	NA
Intel Pentium N3510 @ 1.99GHz	1520	1730	NA	NA
Intel Pentium N3520 @ 2.16GHz	1797	1590	NA	NA
Intel Pentium N3530 @ 2.16GHz	1894	1544	NA	NA
Intel Pentium N3540 @ 2.16GHz	1939	1519	7.73	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1844	1569	4.15	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1873	1558	NA	NA
Intel Pentium N4200 @ 1.10GHz	2026	1481	9.68	\$209.42
Intel Pentium P6000 @ 1.87GHz	1249	1874	NA	NA
Intel Pentium P6100 @ 2.00GHz	1325	1823	110.49	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1349	1812	22.50	\$59.99*
Intel Pentium P6300 @ 2.27GHz	1380	1791	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2987	1143	15.22	\$196.28

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Intel Pentium SU2700 @ 1.30GHz	407	2381	NA	NA
Intel Pentium SU4100 @ 1.30GHz	863	2097	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2108	NA	NA
Intel Pentium T2060 @ 1.60GHz	668	2191	NA	NA
Intel Pentium T2080 @ 1.73GHz	706	2174	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2171	NA	NA
Intel Pentium T2310 @ 1.46GHz	726	2162	NA	NA
Intel Pentium T2330 @ 1.60GHz	836	2114	NA	NA
Intel Pentium T2370 @ 1.73GHz	842	2109	24.08	\$35.00*
Intel Pentium T2390 @ 1.86GHz	941	2056	NA	NA
Intel Pentium T2410 @ 2.00GHz	996	2016	NA	NA
Intel Pentium T3200 @ 2.00GHz	1027	1989	85.63	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1115	1939	12.40	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1147	1929	95.60	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1238	1880	NA	NA
Intel Pentium T4400 @ 2.20GHz	1281	1853	NA	NA
Intel Pentium T4500 @ 2.30GHz	1336	1818	NA	NA
Intel Pentium U5400 @ 1.20GHz	822	2120	NA	NA
Intel Pentium U5600 @ 1.33GHz	943	2053	NA	NA
Intel T1200 @ 1.50GHz	435	2355	NA	NA
Intel T1400 @ 1.73GHz	929	2063	NA	NA
Intel T1500 @ 1.86GHz	940	2057	NA	NA
Intel T2050 @ 2.00GHz	959	2044	NA	NA
Intel Xeon 2.00GHz	233	2600	NA	NA
Intel XEON 2.20GHz	252	2578	NA	NA
Intel Xeon 2.40GHz	276	2553	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2354	NA	NA
Intel Xeon 2.80GHz	400	2392	NA	NA
Intel Xeon 3.00GHz	391	2404	NA	NA
Intel Xeon 3.06GHz	491	2287	NA	NA
Intel Xeon 3.20GHz	461	2323	NA	NA
Intel Xeon 3.40GHz	478	2307	NA	NA
Intel Xeon 3.60GHz	509	2278	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	1985	NA	NA
Intel Xeon 3.80GHz	604	2222	0.71	\$851.00*
Intel Xeon 1500MHz	193	2637	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1851	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1311	1829	8.30	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1731	9.62	\$157.95*
Intel Xeon 3065 @ 2.33GHz	1504	1740	71.99	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1776	1596	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1571	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1710	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	1969	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	1876	0.74	\$1,683.98*
Intel Xeon 5130 @ 2.00GHz	1378	1792	35.89	\$38.40*
Intel Xeon 5133 @ 2.20GHz	1598	1696	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1674	34.89	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1700	39.78	\$39.99*

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Intel Xeon 5150 @ 2.66GHz	1750	1611	109.48	\$15.99*
Intel Xeon 5160 @ 3.00GHz	1968	1506	134.82	\$14.60*
Intel Xeon @ 2.20GHz	1902	1538	NA	NA
Intel Xeon D-1518 @ 2.20GHz	5322	648	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	588	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	472	NA	NA
Intel Xeon D-1528 @ 1.90GHz	7946	392	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	259	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	409	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	202	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11056	185	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	380	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14693	101	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13950	121	NA	NA
Intel Xeon E3-1220 @ 3.10GHz	6067	555	31.93	\$190.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6681	495	20.30	\$329.10
Intel Xeon E3-1220 v3 @ 3.10GHz	7048	467	29.40	\$239.77
Intel Xeon E3-1220 v5 @ 3.00GHz	7708	411	33.96	\$227.00
Intel Xeon E3-1220 v6 @ 3.00GHz	8010	386	38.15	\$209.99
Intel Xeon E3-1220L @ 2.20GHz	3563	983	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	797	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1453	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5918	568	23.96	\$247.02*
Intel Xeon E3-1225 V2 @ 3.20GHz	6838	484	13.50	\$506.59
Intel Xeon E3-1225 v3 @ 3.20GHz	7183	452	15.67	\$458.34
Intel Xeon E3-1225 v5 @ 3.30GHz	7819	397	30.08	\$259.99
Intel Xeon E3-1225 v6 @ 3.30GHz	8337	360	35.48	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7522	424	23.10	\$325.63*
Intel Xeon E3-1230 @ 3.20GHz	7908	395	36.78	\$215.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8853	329	28.61	\$309.50
Intel Xeon E3-1230 v3 @ 3.30GHz	9320	289	35.62	\$261.66*
Intel Xeon E3-1230 v5 @ 3.40GHz	9767	256	32.58	\$299.80*
Intel Xeon E3-1230 v6 @ 3.50GHz	9861	249	35.86	\$274.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	451	25.12	\$287.90
Intel Xeon E3-1231 v3 @ 3.40GHz	9630	264	29.14	\$330.50
Intel Xeon E3-1235 @ 3.20GHz	7680	414	31.48	\$244.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	515	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7968	390	40.62	\$196.19
Intel Xeon E3-1240 V2 @ 3.40GHz	9172	300	19.60	\$467.87
Intel Xeon E3-1240 v3 @ 3.40GHz	9701	263	25.24	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10424	208	30.51	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10176	224	35.09	\$289.99
Intel Xeon E3-1240L v3 @ 2.00GHz	7510	426	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	399	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10035	235	22.78	\$440.60
Intel Xeon E3-1245 @ 3.30GHz	8048	382	31.56	\$255.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9113	307	15.00	\$607.59
Intel Xeon E3-1245 v3 @ 3.40GHz	9582	266	25.90	\$369.95
Intel Xeon E3-1245 v5 @ 3.50GHz	10255	218	29.70	\$345.31

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Intel Xeon E3-1245 v6 @ 3.70GHz	10360	211	34.59	\$299.53
Intel Xeon E3-1246 v3 @ 3.50GHz	9901	243	15.53	\$637.54*
Intel Xeon E3-1260L @ 2.40GHz	6534	509	17.94	\$364.22*
Intel Xeon E3-1260L v5 @ 2.90GHz	10136	227	24.25	\$418.00*
Intel Xeon E3-1265L @ 2.40GHz	6038	558	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7785	402	54.67	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	8713	338	12.27	\$709.95
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	396	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	9175	299	24.34	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8233	366	22.31	\$369.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9474	276	32.99	\$287.21
Intel Xeon E3-1270 v3 @ 3.50GHz	9877	247	26.70	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10325	213	28.69	\$359.90
Intel Xeon E3-1270 v6 @ 3.80GHz	11085	184	31.67	\$349.99
Intel Xeon E3-1271 v3 @ 3.60GHz	10086	231	12.15	\$830.00*
Intel Xeon E3-1275 @ 3.40GHz	8348	359	27.46	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9339	287	32.21	\$289.99
Intel Xeon E3-1275 v3 @ 3.50GHz	9864	248	24.60	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10390	210	19.15	\$542.49
Intel Xeon E3-1275 v6 @ 3.80GHz	11035	186	30.66	\$359.99
Intel Xeon E3-1275L v3 @ 2.70GHz	8835	332	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10223	219	18.63	\$548.91*
Intel Xeon E3-1280 @ 3.50GHz	8473	354	23.03	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9503	273	14.73	\$644.99*
Intel Xeon E3-1280 v3 @ 3.60GHz	9720	261	13.94	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	200	16.05	\$664.48
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	175	NA	NA
Intel Xeon E3-1281 v3 @ 3.70GHz	10295	215	11.73	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10256	217	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11689	173	25.98	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	10024	237	12.39	\$809.00
Intel Xeon E3-1285L v4 @ 3.40GHz	11224	178	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	244	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	10129	228	13.09	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	339	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9749	258	11.02	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	465	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8897	324	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9982	239	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	204	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9287	292	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10717	198	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10463	207	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10740	197	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10743	196	NA	NA
Intel Xeon E5-1410 @ 2.80GHz	7312	444	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7420	434	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5535	617	33.55	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6144	543	NA	NA

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Intel Xeon E5-1603 v4 @ 2.80GHz	6420	526	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5872	573	213.56	\$27.50*
Intel Xeon E5-1607 v2 @ 3.00GHz	6181	541	19.75	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6967	473	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7241	449	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9074	309	17.79	\$510.00
Intel Xeon E5-1620 v2 @ 3.70GHz	9503	272	28.89	\$329.00
Intel Xeon E5-1620 v3 @ 3.50GHz	9766	257	27.23	\$358.70*
Intel Xeon E5-1620 v4 @ 3.50GHz	9960	241	33.20	\$299.99
Intel Xeon E5-1630 v3 @ 3.70GHz	10276	216	17.19	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10307	214	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11762	172	67.22	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12688	147	19.67	\$644.95*
Intel Xeon E5-1650 v3 @ 3.50GHz	13600	132	20.42	\$665.99
Intel Xeon E5-1650 v4 @ 3.60GHz	14238	113	22.60	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12362	156	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13777	125	7.62	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14423	109	8.92	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16205	73	NA	NA
Intel Xeon E5-1680 v2 @ 3.00GHz	16524	66	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16649	64	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17089	58	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	46	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	991	7.87	\$447.59
Intel Xeon E5-2403 v2 @ 1.80GHz	3492	997	15.67	\$222.84*
Intel Xeon E5-2407 @ 2.20GHz	3832	914	11.44	\$335.04
Intel Xeon E5-2407 v2 @ 2.40GHz	4575	772	9.61	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	658	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7139	457	18.31	\$390.00
Intel Xeon E5-2420 v2 @ 2.20GHz	8647	344	15.44	\$559.95
Intel Xeon E5-2430 @ 2.20GHz	6878	480	12.90	\$533.22
Intel Xeon E5-2430 v2 @ 2.50GHz	8833	333	16.29	\$542.12
Intel Xeon E5-2430L @ 2.00GHz	7269	448	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	501	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	298	12.32	\$745.00*
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	281	23.56	\$400.00*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	319	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	223	14.10	\$722.22*
Intel Xeon E5-2450L @ 1.80GHz	7389	438	113.70	\$64.99
Intel Xeon E5-2470 @ 2.30GHz	10061	234	31.77	\$316.72*
Intel Xeon E5-2603 @ 1.80GHz	3570	982	8.62	\$414.46*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	934	9.89	\$380.82
Intel Xeon E5-2603 v3 @ 1.60GHz	5165	662	22.75	\$227.00
Intel Xeon E5-2603 v4 @ 1.70GHz	5473	623	23.80	\$229.99*
Intel Xeon E5-2608L v3 @ 2.00GHz	7768	403	17.62	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4625	760	58.02	\$79.73*
Intel Xeon E5-2609 v2 @ 2.50GHz	5115	668	10.57	\$484.01
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	565	13.26	\$448.02
Intel Xeon E5-2609 v4 @ 1.70GHz	6920	479	15.95	\$434.00*

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Intel Xeon E5-2618L v3 @ 2.30GHz	12508	154	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	104	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7935	393	67.71	\$117.21
Intel Xeon E5-2620 v2 @ 2.10GHz	8688	341	25.59	\$339.51
Intel Xeon E5-2620 v3 @ 2.40GHz	9971	240	14.03	\$710.54*
Intel Xeon E5-2620 v4 @ 2.10GHz	11355	176	26.41	\$429.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	322	22.07	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8232	367	14.99	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	284	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	166	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13268	138	9.73	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	187	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8854	328	63.79	\$138.81
Intel Xeon E5-2630 v2 @ 2.60GHz	10391	209	65.36	\$159.00
Intel Xeon E5-2630 v3 @ 2.40GHz	12815	144	18.73	\$684.37
Intel Xeon E5-2630 v4 @ 2.20GHz	13905	122	19.45	\$714.77
Intel Xeon E5-2630L @ 2.00GHz	8001	387	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9812	251	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9216	295	12.26	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	143	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9453	279	5.73	\$1,649.22
Intel Xeon E5-2637 v3 @ 3.50GHz	10128	229	7.82	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	206	9.97	\$1,049.69
Intel Xeon E5-2640 @ 2.50GHz	9500	274	27.95	\$339.95
Intel Xeon E5-2640 v2 @ 2.00GHz	9904	242	20.60	\$480.68
Intel Xeon E5-2640 v3 @ 2.60GHz	14065	118	14.42	\$975.24*
Intel Xeon E5-2640 v4 @ 2.40GHz	15331	90	15.72	\$974.99
Intel Xeon E5-2643 @ 3.30GHz	8475	353	15.41	\$550.00
Intel Xeon E5-2643 v2 @ 3.50GHz	12324	159	4.91	\$2,509.00*
Intel Xeon E5-2643 v3 @ 3.40GHz	13801	124	7.42	\$1,860.00
Intel Xeon E5-2643 v4 @ 3.40GHz	13600	133	8.23	\$1,652.28
Intel Xeon E5-2648L v3 @ 1.80GHz	12332	158	9.23	\$1,336.63
Intel Xeon E5-2648L v4 @ 1.80GHz	12883	142	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14673	102	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10159	226	77.69	\$130.76
Intel Xeon E5-2650 v2 @ 2.60GHz	13123	139	24.31	\$539.95
Intel Xeon E5-2650 v3 @ 2.30GHz	14880	98	15.16	\$981.37
Intel Xeon E5-2650 v4 @ 2.20GHz	15975	80	13.65	\$1,169.99*
Intel Xeon E5-2650L @ 1.80GHz	8676	342	109.83	\$79.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13390	135	13.26	\$1,010.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	117	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	177	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	275	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	116	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	71	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16290	72	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11100	182	108.83	\$102.00
Intel Xeon E5-2660 v2 @ 2.20GHz	13593	134	44.52	\$305.34
Intel Xeon E5-2660 v3 @ 2.60GHz	16151	74	10.56	\$1,529.95

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Intel Xeon E5-2660 v4 @ 2.00GHz	17786	52	11.09	\$1,603.24
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	119	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11776	171	83.23	\$141.50*
Intel Xeon E5-2667 @ 2.90GHz	10327	212	57.70	\$178.99*
Intel Xeon E5-2667 v2 @ 3.30GHz	16093	76	21.08	\$763.56
Intel Xeon E5-2667 v3 @ 3.20GHz	16101	75	7.12	\$2,259.95*
Intel Xeon E5-2667 v4 @ 3.20GHz	16654	63	7.65	\$2,177.00
Intel Xeon E5-2670 @ 2.60GHz	12209	162	46.68	\$261.56
Intel Xeon E5-2670 v2 @ 2.50GHz	15031	96	30.50	\$492.77
Intel Xeon E5-2670 v3 @ 2.30GHz	16619	65	11.46	\$1,450.00*
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	70	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16982	60	24.26	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21625	18	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15156	93	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17652	55	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	61	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25236	7	9.34	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12654	148	72.93	\$173.51
Intel Xeon E5-2680 v2 @ 2.80GHz	15892	81	39.59	\$401.40
Intel Xeon E5-2680 v3 @ 2.50GHz	18626	40	9.29	\$2,005.00
Intel Xeon E5-2680 v4 @ 2.40GHz	19953	30	11.32	\$1,762.90*
Intel Xeon E5-2682 v4 @ 2.50GHz	15333	89	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17414	57	8.77	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	38	10.03	\$1,899.99*
Intel Xeon E5-2685 v3 @ 2.60GHz	14154	115	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	36	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14404	110	20.82	\$691.71
Intel Xeon E5-2687W v2 @ 3.40GHz	16484	68	4.44	\$3,713.55*
Intel Xeon E5-2687W v3 @ 3.10GHz	17719	53	5.89	\$3,009.95
Intel Xeon E5-2687W v4 @ 3.00GHz	19950	31	8.65	\$2,307.31*
Intel Xeon E5-2689 @ 2.60GHz	13644	127	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19679	35	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13992	120	69.27	\$202.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16503	67	28.02	\$589.00
Intel Xeon E5-2690 v3 @ 2.60GHz	19240	37	7.32	\$2,628.42
Intel Xeon E5-2690 v4 @ 2.60GHz	21323	23	9.07	\$2,350.88
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	78	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15847	82	8.93	\$1,774.85*
Intel Xeon E5-2695 v3 @ 2.30GHz	20346	26	8.14	\$2,499.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	27	7.91	\$2,560.32
Intel Xeon E5-2696 v2 @ 2.50GHz	16681	62	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22559	12	9.03	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21331	22	7.09	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17449	56	7.81	\$2,235.02*
Intel Xeon E5-2697 v3 @ 2.60GHz	21488	21	8.07	\$2,661.90*
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	20	7.67	\$2,805.00
Intel Xeon E5-2697A v4 @ 2.60GHz	23609	9	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21149	24	6.18	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	17	6.77	\$3,226.00*

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Intel Xeon E5-2699 v3 @ 2.30GHz	22358	14	6.56	\$3,410.00
Intel Xeon E5-2699 v4 @ 2.20GHz	23392	10	2.92	\$8,010.00*
Intel Xeon E5-4603 @ 2.00GHz	5014	693	2.65	\$1,890.99*
Intel Xeon E5-4617 @ 2.90GHz	8855	327	98.51	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	376	2.31	\$3,519.97*
Intel Xeon E5-4627 v3 @ 2.60GHz	14219	114	5.92	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	85	NA	NA
Intel Xeon E5-4640 @ 2.40GHz	10523	203	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	146	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	183	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	12085	163	24.57	\$491.80*
Intel Xeon E5-4650L @ 2.60GHz	11821	169	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12513	153	2.71	\$4,616.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	18007	50	3.75	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	129	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1103	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2165	1429	76.27	\$28.40*
Intel Xeon E3113 @ 3.00GHz	2427	1326	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1405	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1782	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1328	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1395	8.71	\$259.95*
Intel Xeon E5320 @ 1.86GHz	2279	1387	14.43	\$157.95*
Intel Xeon E5335 @ 2.00GHz	2513	1298	12.66	\$198.62*
Intel Xeon E5345 @ 2.33GHz	2923	1165	70.83	\$41.28*
Intel Xeon E5405 @ 2.00GHz	2864	1184	38.19	\$75.00*
Intel Xeon E5410 @ 2.33GHz	3271	1053	15.80	\$207.01*
Intel Xeon E5420 @ 2.50GHz	3518	993	59.64	\$59.00*
Intel Xeon E5430 @ 2.66GHz	3788	925	105.23	\$36.00*
Intel Xeon E5440 @ 2.83GHz	3982	885	72.41	\$55.00*
Intel Xeon E5450 @ 3.00GHz	4221	838	92.78	\$45.50
Intel Xeon E5462 @ 2.80GHz	3899	901	142.85	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4145	855	75.65	\$54.80*
Intel Xeon E5502 @ 1.87GHz	1375	1795	14.48	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1786	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2702	1238	97.57	\$27.70*
Intel Xeon E5506 @ 2.13GHz	2977	1145	43.15	\$69.00*
Intel Xeon E5507 @ 2.27GHz	3143	1099	6.88	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4447	791	202.24	\$21.99*
Intel Xeon E5530 @ 2.40GHz	4605	763	184.31	\$24.99
Intel Xeon E5540 @ 2.53GHz	4758	736	166.16	\$28.64*
Intel Xeon E5603 @ 1.60GHz	2366	1351	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3043	1127	13.90	\$219.00
Intel Xeon E5607 @ 2.27GHz	3398	1026	10.96	\$310.00*
Intel Xeon E5620 @ 2.40GHz	4860	717	202.50	\$24.00
Intel Xeon E5630 @ 2.53GHz	5109	669	21.29	\$239.95
Intel Xeon E5640 @ 2.67GHz	5302	651	29.47	\$179.95*
Intel Xeon E5645 @ 2.40GHz	6515	511	108.60	\$60.00
Intel Xeon E5649 @ 2.53GHz	6936	475	60.31	\$115.00*

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Intel Xeon E7320 @ 2.13GHz	2413	1332	NA	NA
Intel Xeon E-2176M @ 2.70GHz	14721	100	32.71	\$450.00*
Intel Xeon E-2186M @ 2.90GHz	15135	94	24.29	\$623.00*
Intel Xeon Gold 5120 @ 2.20GHz	15110	95	9.68	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	48	10.51	\$1,727.00*
Intel Xeon Gold 6126 @ 2.60GHz	19711	33	11.10	\$1,776.00*
Intel Xeon Gold 6128 @ 3.40GHz	14959	97	8.82	\$1,697.00*
Intel Xeon Gold 6130 @ 2.10GHz	20222	28	10.18	\$1,987.08*
Intel Xeon Gold 6134 @ 3.20GHz	18083	49	7.70	\$2,348.26*
Intel Xeon Gold 6136 @ 3.00GHz	20496	25	5.98	\$3,427.59*
Intel Xeon Gold 6138 @ 2.00GHz	25416	6	9.48	\$2,679.99
Intel Xeon Gold 6144 @ 3.50GHz	19833	32	6.78	\$2,925.00*
Intel Xeon Gold 6154 @ 3.00GHz	27789	2	7.84	\$3,543.00*
Intel Xeon L3110 @ 3.00GHz	2273	1391	NA	NA
Intel Xeon L3360 @ 2.83GHz	3820	916	42.81	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1816	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	910	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1580	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1393	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1390	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1440	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1222	72.15	\$38.20*
Intel Xeon L5408 @ 2.13GHz	3014	1135	NA	NA
Intel Xeon L5410 @ 2.33GHz	3424	1015	34.21	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3503	996	22.18	\$157.95*
Intel Xeon L5430 @ 2.66GHz	3776	931	23.91	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	946	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	804	164.31	\$26.70*
Intel Xeon L5530 @ 2.40GHz	4351	815	311.73	\$13.96
Intel Xeon L5630 @ 2.13GHz	4369	807	274.78	\$15.90*
Intel Xeon L5638 @ 2.00GHz	5556	612	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	7021	468	NA	NA
Intel Xeon L5640 @ 2.27GHz	6383	529	43.76	\$145.89*
Intel Xeon L7455 @ 2.13GHz	3836	911	NA	NA
Intel Xeon MV 3.20GHz	683	2185	NA	NA
Intel Xeon Platinum 8173M @ 2.00GHz	28860	1	NA	NA
Intel Xeon Silver 4109T @ 2.00GHz	10854	192	21.67	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11631	174	21.54	\$539.99*
Intel Xeon Silver 4112 @ 2.60GHz	8613	345	16.28	\$529.21*
Intel Xeon Silver 4114 @ 2.20GHz	14544	106	19.53	\$744.73*
Intel Xeon Silver 4116 @ 2.10GHz	15656	83	13.96	\$1,121.16*
Intel Xeon W3503 @ 2.40GHz	1758	1607	27.06	\$64.99*
Intel Xeon W3505 @ 2.53GHz	1858	1561	NA	NA
Intel Xeon W3520 @ 2.67GHz	5059	682	12.34	\$409.95*
Intel Xeon W3530 @ 2.80GHz	5363	640	89.46	\$59.95*
Intel Xeon W3540 @ 2.93GHz	5474	622	15.21	\$359.95*
Intel Xeon W3550 @ 3.07GHz	5709	594	24.29	\$235.00*
Intel Xeon W3565 @ 3.20GHz	5946	563	85.02	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6098	552	12.71	\$479.95*

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Intel Xeon W3580 @ 3.33GHz	6433	521	29.99	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8152	372	14.43	\$565.00
Intel Xeon W3680 @ 3.33GHz	9136	304	19.86	\$459.95
Intel Xeon W3690 @ 3.47GHz	9210	296	4.07	\$2,260.61*
Intel Xeon W5580 @ 3.20GHz	5836	579	56.19	\$103.88
Intel Xeon W5590 @ 3.33GHz	6183	540	4.02	\$1,538.52
Intel Xeon W-2123 @ 3.60GHz	10927	190	29.84	\$366.25
Intel Xeon W-2125 @ 4.00GHz	12608	151	28.40	\$444.00*
Intel Xeon W-2133 @ 3.60GHz	14370	112	23.29	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16460	69	16.64	\$989.48*
Intel Xeon W-2140B @ 3.20GHz	18211	47	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19707	34	17.71	\$1,113.00*
Intel Xeon W-2150B @ 3.00GHz	21581	19	NA	NA
Intel Xeon W-2155 @ 3.30GHz	22409	13	12.87	\$1,741.26
Intel Xeon W-2195 @ 2.30GHz	26470	4	9.71	\$2,725.06*
Intel Xeon X3210 @ 2.13GHz	2770	1214	18.59	\$149.00*
Intel Xeon X3220 @ 2.40GHz	3096	1108	12.09	\$256.07*
Intel Xeon X3230 @ 2.66GHz	3431	1013	9.53	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3335	1040	14.53	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3165	1087	44.59	\$70.99*
Intel Xeon X3330 @ 2.66GHz	3376	1030	16.08	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3880	904	64.68	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3881	903	52.81	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3978	887	25.19	\$157.95*
Intel Xeon X3363 @ 2.83GHz	4041	870	25.59	\$157.95*
Intel Xeon X3370 @ 3.00GHz	4296	826	11.71	\$367.02
Intel Xeon X3380 @ 3.16GHz	4697	745	NA	NA
Intel Xeon X3430 @ 2.40GHz	3371	1032	37.48	\$89.95
Intel Xeon X3440 @ 2.53GHz	4559	776	20.26	\$225.00
Intel Xeon X3450 @ 2.67GHz	4862	716	37.41	\$130.00*
Intel Xeon X3460 @ 2.80GHz	5117	667	67.78	\$75.50*
Intel Xeon X3470 @ 2.93GHz	5187	660	10.17	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	600	NA	NA
Intel Xeon X5260 @ 3.33GHz	2453	1318	17.62	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2535	1290	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1339	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3258	1061	47.10	\$69.18*
Intel Xeon X5365 @ 3.00GHz	3491	999	11.12	\$314.00
Intel Xeon X5450 @ 3.00GHz	4144	856	80.36	\$51.57*
Intel Xeon X5460 @ 3.16GHz	4358	812	72.64	\$60.00*
Intel Xeon X5470 @ 3.33GHz	4640	753	15.79	\$293.87*
Intel Xeon X5472 @ 3.00GHz	4023	873	17.88	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4574	773	45.75	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4829	724	3.47	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5404	633	242.36	\$22.30*
Intel Xeon X5560 @ 2.80GHz	5399	634	94.89	\$56.90*
Intel Xeon X5570 @ 2.93GHz	5679	598	118.67	\$47.86
Intel Xeon X5647 @ 2.93GHz	5980	560	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7437	431	114.42	\$65.00

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Intel Xeon X5660 @ 2.80GHz	7640	417	60.45	\$126.40
Intel Xeon X5667 @ 3.07GHz	4722	740	67.47	\$70.00*
Intel Xeon X5670 @ 2.93GHz	7954	391	108.25	\$73.49
Intel Xeon X5672 @ 3.20GHz	6438	519	55.93	\$115.12*
Intel Xeon X5675 @ 3.07GHz	8484	351	35.50	\$239.00*
Intel Xeon X5677 @ 3.47GHz	6947	474	19.85	\$350.00*
Intel Xeon X5679 @ 3.20GHz	8845	331	NA	NA
Intel Xeon X5680 @ 3.33GHz	8605	347	49.36	\$174.33
Intel Xeon X5687 @ 3.60GHz	7123	461	75.82	\$93.95
Intel Xeon X5690 @ 3.47GHz	8977	317	52.97	\$169.50
Intel Xeon X5698 @ 4.40GHz	4272	827	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1144	NA	NA
Mobile AMD Athlon 4	314	2486	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2441	NA	NA
Mobile AMD Athlon 64 2700+	398	2394	NA	NA
Mobile AMD Athlon 64 2800+	440	2344	NA	NA
Mobile AMD Athlon 64 3000+	450	2334	NA	NA
Mobile AMD Athlon 64 3200+	448	2336	NA	NA
Mobile AMD Athlon 64 3400+	511	2275	NA	NA
Mobile AMD Athlon 64 3700+	435	2356	NA	NA
Mobile AMD Athlon 64 4000+	576	2235	NA	NA
Mobile AMD Athlon 1400+	266	2564	NA	NA
Mobile AMD Athlon 2500+	370	2425	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2565	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2415	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2518	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2285	NA	NA
Mobile AMD Athlon XP	572	2240	47.72	\$11.99*
Mobile AMD Athlon XP-M	512	2274	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2646	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2569	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2572	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2474	NA	NA
Mobile AMD Athlon XP-M 1800+	312	2490	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2460	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2508	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2435	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2455	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2453	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2424	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2433	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2432	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2346	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2294	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2280	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2525	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2517	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2465	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2422	NA	NA

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Mobile AMD Athlon XP-M (LV) 2800+	475	2311	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2281	NA	NA
Mobile AMD Sempron 2100+	252	2579	NA	NA
Mobile AMD Sempron 2600+	394	2400	NA	NA
Mobile AMD Sempron 2800+	358	2442	NA	NA
Mobile AMD Sempron 3000+	389	2408	NA	NA
Mobile AMD Sempron 3100+	416	2368	NA	NA
Mobile AMD Sempron 3200+	354	2446	NA	NA
Mobile AMD Sempron 3300+	444	2340	NA	NA
Mobile AMD Sempron 3400+	447	2337	NA	NA
Mobile AMD Sempron 3500+	408	2380	NA	NA
Mobile AMD Sempron 3600+	430	2360	NA	NA
Mobile AMD Sempron 3800+	485	2298	NA	NA
Mobile Intel Celeron 1.20GHz	170	2656	NA	NA
Mobile Intel Celeron 1.50GHz	188	2640	NA	NA
Mobile Intel Celeron 1.60GHz	188	2641	NA	NA
Mobile Intel Celeron 1.70GHz	181	2649	NA	NA
Mobile Intel Celeron 1.80GHz	186	2643	NA	NA
Mobile Intel Celeron 2.00GHz	204	2627	NA	NA
Mobile Intel Celeron 2.20GHz	226	2607	NA	NA
Mobile Intel Celeron 2.40GHz	239	2594	NA	NA
Mobile Intel Celeron 2.50GHz	281	2544	NA	NA
Mobile Intel Celeron 1200MHz	294	2519	NA	NA
Mobile Intel Celeron 1333MHz	309	2495	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2551	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2567	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2548	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2484	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2463	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2443	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2347	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2308	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2635	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2655	0.96	\$180.00
Mobile Intel Pentium 4 - M 1.80GHz	176	2652	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2602	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2630	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2632	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2618	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2574	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2487	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2620	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2631	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2583	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2523	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2608	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2524	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1303	NA	NA
Quad-Core AMD Opteron 1385	3442	1012	63.75	\$54.00*

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Quad-Core AMD Opteron 1389	3418	1017	NA	NA
VIA C3 Ezra	100	2684	NA	NA
VIA C7 1500MHz	284	2539	NA	NA
VIA C7-D 1500MHz	287	2531	NA	NA
VIA C7-D 1800MHz	203	2628	NA	NA
VIA C7-D 2000MHz	368	2428	NA	NA
VIA C7-M 1000MHz	164	2659	NA	NA
VIA C7-M 1200MHz	140	2671	NA	NA
VIA C7-M 1600MHz	178	2651	NA	NA
VIA C7-M 6300MHz	222	2610	NA	NA
VIA Eden 800MHz	155	2663	NA	NA
VIA Eden 1000MHz	123	2679	NA	NA
VIA Eden 1200MHz	142	2670	NA	NA
VIA Eden C1050@1.06GHz	352	2449	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2306	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	1930	NA	NA
VIA Esther 1000MHz	169	2657	NA	NA
VIA Esther 1300MHz	250	2582	NA	NA
VIA Esther 1500MHz	219	2612	NA	NA
VIA Esther 2000MHz	394	2399	NA	NA
VIA Nano L1900@1400MHz	457	2326	NA	NA
VIA Nano L2007@1600MHz	369	2426	NA	NA
VIA Nano L2100@1800MHz	428	2362	NA	NA
VIA Nano L2207@1600MHz	296	2516	NA	NA
VIA Nano L3025@1600MHz	517	2270	NA	NA
VIA Nano L3050@1800MHz	581	2233	NA	NA
VIA Nano L3600@2000MHz	645	2200	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2416	NA	NA
VIA Nano U2250@1300+MHz	274	2556	NA	NA
VIA Nano U2500@1200MHz	306	2499	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2283	NA	NA
VIA Nano U3300@1200MHz	409	2376	NA	NA
VIA Nano U3500@1000MHz	275	2554	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2220	NA	NA
VIA Nehemiah	155	2664	NA	NA
VIA QuadCore C4650@2.0GHz	1940	1518	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1802	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1911	NA	NA
VIA Samuel 2	79	2686	NA	NA

* - Last price seen from our affiliates.

Top ICO of 2018: "XYO"  5.0 / 5.0

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	260	24.17	\$317.40*

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[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	101	10.30	\$1,713.92*
[Dual CPU] AMD Athlon 64 FX-72	3163	360	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	366	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	410	NA	NA
[Dual CPU] AMD EPYC 7281	12720	150	8.35	\$1,522.74*
[Dual CPU] AMD EPYC 7401	23518	46	5.88	\$3,999.98
[Dual CPU] AMD EPYC 7451	28957	18	5.57	\$5,199.98
[Dual CPU] AMD EPYC 7501	23727	44	3.25	\$7,299.98
[Dual CPU] AMD EPYC 7551	30966	12	4.18	\$7,399.98
[Dual CPU] AMD Opteron 246	1130	399	11.30	\$99.98
[Dual CPU] AMD Opteron 248	1053	400	43.88	\$24.00
[Dual CPU] AMD Opteron 250	1438	396	65.36	\$22.00
[Dual CPU] AMD Opteron 252	1385	397	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	405	NA	NA
[Dual CPU] AMD Opteron 256	1853	393	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	391	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	387	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	390	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	383	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	375	NA	NA
[Dual CPU] AMD Opteron 290	2807	372	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	369	NA	NA
[Dual CPU] AMD Opteron 2212	2203	388	91.79	\$24.00*
[Dual CPU] AMD Opteron 2214 HE	2463	382	NA	NA
[Dual CPU] AMD Opteron 2216	2485	380	6.98	\$356.00*
[Dual CPU] AMD Opteron 2216 HE	2593	378	NA	NA
[Dual CPU] AMD Opteron 2218	2719	376	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	379	NA	NA
[Dual CPU] AMD Opteron 2220	2850	370	0.97	\$2,950.32*
[Dual CPU] AMD Opteron 2220 SE	2882	368	60.04	\$48.00
[Dual CPU] AMD Opteron 2222	2972	365	0.89	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	358	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	348	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	355	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4090	349	7.57	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	338	6.88	\$664.02*
[Dual CPU] AMD Opteron 2356	4487	340	150.07	\$29.90
[Dual CPU] AMD Opteron 2360 SE	5315	321	110.73	\$48.00
[Dual CPU] AMD Opteron 2374 HE	4799	334	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	322	104.76	\$50.00
[Dual CPU] AMD Opteron 2378	5559	316	15.53	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	308	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	305	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6441	289	NA	NA
[Dual CPU] AMD Opteron 2389	5677	309	142.00	\$39.98
[Dual CPU] AMD Opteron 2419	5191	324	216.47	\$23.98
[Dual CPU] AMD Opteron 2425 HE	6209	297	NA	NA
[Dual CPU] AMD Opteron 2427	5980	303	31.43	\$190.28*
[Dual CPU] AMD Opteron 2431	6438	290	80.48	\$80.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2435	7124	274	29.58	\$240.80*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2439 SE	8071	246	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	350	7.84	\$519.90
[Dual CPU] AMD Opteron 4130	5651	311	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	293	9.33	\$679.90
[Dual CPU] AMD Opteron 4180	6367	292	14.15	\$450.08
[Dual CPU] AMD Opteron 4184	7848	252	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	245	8.64	\$936.14*
[Dual CPU] AMD Opteron 4228 HE	7986	247	NA	NA
[Dual CPU] AMD Opteron 4234	9361	214	15.57	\$601.40*
[Dual CPU] AMD Opteron 4276 HE	9681	208	NA	NA
[Dual CPU] AMD Opteron 4280	4525	339	4.96	\$912.88*
[Dual CPU] AMD Opteron 4284	7833	254	10.96	\$714.60*
[Dual CPU] AMD Opteron 4334	9468	213	21.87	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	187	NA	NA
[Dual CPU] AMD Opteron 4376 HE	10244	195	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	178	15.01	\$757.04*
[Dual CPU] AMD Opteron 6128	6881	280	14.64	\$470.00
[Dual CPU] AMD Opteron 6128 HE	5582	314	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	230	NA	NA
[Dual CPU] AMD Opteron 6136	7255	269	10.10	\$718.00
[Dual CPU] AMD Opteron 6164 HE	5109	327	NA	NA
[Dual CPU] AMD Opteron 6168	7741	257	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7623	261	18.15	\$419.90
[Dual CPU] AMD Opteron 6174	8776	228	20.90	\$419.96
[Dual CPU] AMD Opteron 6176 SE	8448	234	15.30	\$552.00*
[Dual CPU] AMD Opteron 6180 SE	3114	361	NA	NA
[Dual CPU] AMD Opteron 6204	7134	273	NA	NA
[Dual CPU] AMD Opteron 6212	8955	221	21.37	\$419.00*
[Dual CPU] AMD Opteron 6220	10740	184	25.57	\$420.00
[Dual CPU] AMD Opteron 6234	10262	194	12.83	\$799.98*
[Dual CPU] AMD Opteron 6238	10349	191	4.76	\$2,176.22*
[Dual CPU] AMD Opteron 6272	10026	200	26.52	\$378.00
[Dual CPU] AMD Opteron 6274	10682	185	25.43	\$420.00
[Dual CPU] AMD Opteron 6275	9936	203	NA	NA
[Dual CPU] AMD Opteron 6276	10194	197	16.50	\$617.78
[Dual CPU] AMD Opteron 6284 SE	11985	163	NA	NA
[Dual CPU] AMD Opteron 6308	8351	237	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10914	182	19.56	\$558.00
[Dual CPU] AMD Opteron 6328	11709	169	11.57	\$1,011.98
[Dual CPU] AMD Opteron 6344	11178	179	14.37	\$778.00
[Dual CPU] AMD Opteron 6348	11412	176	5.65	\$2,020.00
[Dual CPU] AMD Opteron 6376	10405	189	8.53	\$1,220.00
[Dual CPU] AMD Opteron 6378	2905	367	3.64	\$798.00*
[Dual CPU] AMD Opteron 6380	14200	136	18.21	\$779.72
[Dual CPU] AMD Opteron 6386 SE	10764	183	2.24	\$4,815.02*
[Dual CPU] AMD Opteron 8218	2831	371	67.40	\$42.00
[Dual CPU] AMD Opteron 8222 SE	2793	374	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	359	73.25	\$44.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 8380	5643	312	13.70	\$412.00*
[Dual CPU] AMD Opteron 8381 HE	5210	323	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 8389	6517	286	155.24	\$41.98
[Dual CPU] AMD Opteron 8431	5813	306	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	7606	262	38.42	\$197.98
[Dual CPU] AMD Opteron 8439 SE	7691	259	45.24	\$170.00
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	398	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	385	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	354	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7955	248	2.20	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	419	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	417	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	413	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	415	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	420	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	421	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	418	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	479	416	26.32	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	411	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	687	407	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	784	406	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	409	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	856	404	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	893	403	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	926	402	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1862	392	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	401	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2148	389	6.71	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	384	0.69	\$3,367.96*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2614	377	34.04	\$76.80*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	362	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2985	364	31.76	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	363	37.50	\$79.98*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3451	356	107.91	\$31.98*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3848	352	131.78	\$29.20*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8987	219	19.12	\$469.98
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11646	171	16.94	\$687.40
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	5988	302	6.69	\$895.18
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	295	14.14	\$445.68*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7569	264	11.30	\$670.08
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	218	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11724	168	15.03	\$780.00
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11725	167	10.47	\$1,119.90
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	239	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	142	12.79	\$1,066.44
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	14265	135	13.16	\$1,084.24
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	177	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	155	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	149	16.07	\$800.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	140	9.50	\$1,444.44*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	112	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 E5-2450L @ 1.80GHz	11886	164	91.44	\$129.98
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	111	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	95	4.13	\$4,500.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6326	294	7.63	\$828.92*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	285	8.56	\$761.64
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8374	235	18.44	\$454.00
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8542	233	18.57	\$459.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8231	242	51.62	\$159.46*
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8822	224	9.11	\$968.02
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10019	201	11.18	\$896.04
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10992	181	12.66	\$868.00*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12455	153	53.13	\$234.42
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13464	148	19.83	\$679.02
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15315	126	10.78	\$1,421.08*
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16485	114	19.17	\$859.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14155	137	17.48	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	11873	165	10.81	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	132	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13621	144	49.06	\$277.62
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16112	116	50.67	\$318.00
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18581	94	13.58	\$1,368.74
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18939	93	13.25	\$1,429.54
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	180	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	143	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15176	127	10.09	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	267	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15928	119	4.83	\$3,298.44
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16456	115	6.35	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16678	110	7.94	\$2,099.38
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14765	130	21.72	\$679.90
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14420	133	15.00	\$961.36
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20459	79	10.49	\$1,950.48*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20625	76	10.58	\$1,949.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13603	146	12.37	\$1,100.00
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21315	68	4.25	\$5,018.00*
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21083	71	5.67	\$3,720.00
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21705	62	6.57	\$3,304.56
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	158	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	11808	166	3.99	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	19339	89	7.23	\$2,673.26
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15022	128	57.44	\$261.52
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19043	92	17.63	\$1,079.90
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20504	78	10.45	\$1,962.74
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20452	80	8.74	\$2,339.98*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	134	91.04	\$158.00
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	13948	139	23.32	\$598.10
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	74	6.99	\$2,992.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18096	100	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	88	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16536	113	81.06	\$204.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18318	96	30.00	\$610.68
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22733	56	7.43	\$3,059.90
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23117	51	7.21	\$3,206.48
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	49	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17470	103	61.73	\$283.00*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	34	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17001	106	47.49	\$357.98*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22904	55	15.00	\$1,527.12
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23109	52	5.11	\$4,519.90*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23855	43	5.48	\$4,354.00
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18256	97	34.90	\$523.12
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	21304	69	21.62	\$985.54
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	59	7.71	\$2,900.00*
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23077	53	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	22959	54	16.40	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	17	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	83	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	64	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	16	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18227	98	52.52	\$347.02
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21686	63	27.01	\$802.80
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24963	33	6.23	\$4,010.00
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	48	6.63	\$3,525.80*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	107	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	20941	73	5.27	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24503	37	6.45	\$3,799.98*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	60	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26071	28	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21008	72	15.19	\$1,383.42
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23241	50	3.13	\$7,427.10*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24249	39	4.03	\$6,019.90
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26529	26	5.75	\$4,614.62*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	20362	81	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	27	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	20025	82	49.57	\$404.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23897	42	20.29	\$1,178.00
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25668	29	4.88	\$5,256.84
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27561	23	5.86	\$4,701.76
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20590	77	5.80	\$3,549.70*
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	35	4.97	\$4,999.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	30	5.00	\$5,120.64
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23914	41	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30116	14	6.03	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31480	10	5.23	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23570	45	5.27	\$4,470.04*
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28349	20	5.32	\$5,323.80*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30520	13	5.44	\$5,610.00
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	21	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29958	15	4.37	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	8	5.00	\$6,452.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	40	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	25481	31	3.74	\$6,820.00
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34330	5	2.14	\$16,020.00*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	75	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	86	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	121	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	91	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19588	85	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19401	87	19.72	\$983.60*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	129	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	57	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	24	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	160	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	122	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	58	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	17541	102	2.66	\$6,587.58*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	386	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	351	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3588	353	6.90	\$519.90*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4141	347	13.11	\$315.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	330	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4593	337	11.56	\$397.24*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5134	326	62.19	\$82.56*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5183	325	34.55	\$150.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6041	300	14.59	\$414.02*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6393	291	54.18	\$118.00*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6874	281	95.47	\$72.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7217	270	65.61	\$110.00*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7585	263	83.35	\$91.00
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7148	272	130.92	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7842	253	71.55	\$109.60*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2480	381	13.05	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	373	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4892	331	88.30	\$55.40*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5037	329	36.50	\$138.00*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5434	318	5.95	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7438	266	169.12	\$43.98*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7740	258	154.86	\$49.98
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7859	251	137.20	\$57.28*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4236	345	16.41	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5563	315	12.70	\$438.00
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5989	301	9.66	\$620.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8109	244	168.94	\$48.00
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8366	236	17.43	\$479.90
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8790	226	24.42	\$359.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10413	188	86.78	\$120.00
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10348	192	44.99	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	317	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	320	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	21833	61	7.95	\$2,745.38

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	38	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	70	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	21447	65	7.96	\$2,696.00*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25469	32	8.16	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	16758	109	6.47	\$2,589.98*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	23448	47	6.91	\$3,394.00*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	21392	66	5.38	\$3,974.16*
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	28137	22	4.10	\$6,855.18*
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35823	2	6.68	\$5,359.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	34021	7	6.46	\$5,269.54*
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28521	19	4.88	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	34296	6	5.22	\$6,572.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	11	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35368	4	4.65	\$7,599.98
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	35804	3	5.05	\$7,086.00*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	341	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	344	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	332	64.02	\$76.40*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	313	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6163	298	30.79	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6487	288	20.53	\$315.90*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6600	283	20.89	\$315.90*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	279	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	7001	278	131.10	\$53.40*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	249	284.35	\$27.92
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	277	220.31	\$31.80*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	222	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9618	209	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9746	206	33.40	\$291.78*
[Dual CPU] Intel Xeon MP 2.50GHz	550	412	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	414	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	408	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	394	NA	NA
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15441	123	16.44	\$939.32*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	18145	99	16.80	\$1,079.98*
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13557	147	12.81	\$1,058.42*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19244	90	12.92	\$1,489.46*
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	19703	84	8.79	\$2,242.32*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	198	48.66	\$207.76
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10356	190	3.37	\$3,077.04
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	193	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4778	335	17.16	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	336	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	333	17.46	\$280.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5810	307	41.99	\$138.36*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6253	296	9.96	\$628.00
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7507	265	72.78	\$103.14*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7880	250	65.67	\$120.00*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8225	243	13.99	\$587.74*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7780	255	17.29	\$450.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8258	240	41.29	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8785	227	3.16	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9021	217	202.26	\$44.60*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	215	79.82	\$113.80*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9573	210	100.01	\$95.72
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	204	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11416	175	87.82	\$130.00
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11678	170	46.19	\$252.80
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	225	62.98	\$140.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12353	156	84.05	\$146.98
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10053	199	43.66	\$230.24*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12650	152	26.46	\$478.00*
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11506	173	16.44	\$700.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	145	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13642	141	39.13	\$348.66
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	12010	162	63.92	\$187.90
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	14000	138	41.30	\$339.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8974	220	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	284	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	229	41.21	\$211.60*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	202	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	172	27.14	\$428.48*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	346	59.59	\$70.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	328	15.28	\$330.00*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	343	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	342	199.09	\$21.98
[Dual CPU] Quad-Core AMD Opteron 8378	5382	319	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	282	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	310	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	304	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	238	NA	NA
[Quad CPU] AMD Opteron 6136	9767	205	6.80	\$1,436.00
[Quad CPU] AMD Opteron 6272	12292	157	16.26	\$756.00
[Quad CPU] AMD Opteron 6274	10488	186	12.49	\$840.00
[Quad CPU] AMD Opteron 6276	15342	125	12.42	\$1,235.56
[Quad CPU] AMD Opteron 6278	12055	161	4.35	\$2,770.00*
[Quad CPU] AMD Opteron 6376	14681	131	6.02	\$2,440.00
[Quad CPU] AMD Opteron 6380	12442	154	7.98	\$1,559.44
[Quad CPU] AMD Opteron 8360 SE	6490	287	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	299	NA	NA
[Quad CPU] AMD Opteron 8382	8553	232	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	268	NA	NA
[Quad CPU] AMD Opteron 8431	8252	241	147.46	\$55.96*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 8435	7099	275	17.93	\$395.96
[Quad CPU] AMD Opteron 8439 SE	8943	223	26.30	\$340.00
[Quad CPU] Intel Xeon 3.00GHz	1472	395	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	357	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	108	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	120	1.13	\$14,079.88*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	36	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	67	10.86	\$1,967.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	117	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	9	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	105	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	104	1.13	\$15,352.00*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15952	118	1.21	\$13,175.16*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	151	15.87	\$799.96*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	276	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	256	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	196	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	211	7.31	\$1,310.40*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	216	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26690	25	5.15	\$5,179.96*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	207	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	1	1.10	\$40,060.00*
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	212	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12250	159	28.95	\$423.20*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	231	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	174	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	124	17.99	\$856.96*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	271	163.10	\$43.96

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