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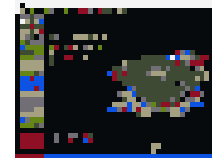
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CPU List

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.

MCV System on Module - Cyclone V SoC-FPGA

MCV System on Module - Cyclone V SoC-FPGA



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	2425	NA	NA
AMD A10 Micro-6700T APU	1890	1446	NA	NA
AMD A10 PRO-7350B APU	3264	976	NA	NA
AMD A10 PRO-7800B APU	5409	569	NA	NA
AMD A10 PRO-7850B APU	5480	557	NA	NA
AMD A10-4600M APU	3113	1023	NA	NA
AMD A10-4655M APU	2583	1187	NA	NA
AMD A10-4657M APU	2906	1083	NA	NA
AMD A10-5700 APU	4205	760	9.20	\$457.11
AMD A10-5745M APU	2766	1132	NA	NA
AMD A10-5750M APU	3342	956	NA	NA
AMD A10-5757M APU	3081	1029	NA	NA
AMD A10-5800B APU	4575	693	NA	NA
AMD A10-5800K APU	4638	676	36.81	\$125.99*
AMD A10-6700 APU	4599	686	30.67	\$149.99*
AMD A10-6700T APU	3702	871	24.88	\$148.78
AMD A10-6790K APU	4689	669	22.68	\$206.82*
AMD A10-6800B APU	4990	622	NA	NA
AMD A10-6800K APU	4879	640	13.98	\$349.00
AMD A10-7300 APU	2917	1081	NA	NA
AMD A10-7400P	3638	881	NA	NA
AMD A10-7700K APU	5143	597	43.99	43.99
AMD A10-7800 APU	5028	616	47.89	47.89
AMD A10-7850K APU	5493	553	30.02	30.02
AMD A10-7860K	5140	600	53.00	53.00
AMD A10-7870K	5491	554	31.58	31.58

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-7890K	5758	521	31.63	\$182.07*
AMD A10-8700P	3462	929	NA	NA
AMD A10-8750	5167	595	NA	NA
AMD A10-8850	5613	539	NA	NA
AMD A10-9600P	3804	844	NA	NA
AMD A10-9620P	3883	824	NA	NA
AMD A10-9630P	4319	742	NA	NA
AMD A10-9700	5536	548	61.52	\$89.99
AMD A12-9700P	3805	843	NA	NA
AMD A12-9720P	4129	778	NA	NA
AMD A12-9730P	4258	750	NA	NA
AMD A12-9800	5666	532	60.28	\$94.00
AMD A12-9800E	5506	551	52.44	\$104.99
AMD A4 Micro-6400T APU	1544	1620	NA	NA
AMD A4 PRO-3340B	2402	1246	NA	NA
AMD A4 PRO-7300B APU	2342	1265	NA	NA
AMD A4 PRO-7350B	2794	1124	NA	NA
AMD A4-1200 APU	635	2104	NA	NA
AMD A4-1250 APU	610	2116	NA	NA
AMD A4-3300 APU	1509	1636	71.51	\$21.11
AMD A4-3300M APU	1182	1805	39.44	\$29.99*
AMD A4-3305M APU	1224	1784	40.80	\$30.00*
AMD A4-3310MX APU	1299	1736	NA	NA
AMD A4-3320M APU	1247	1773	40.24	\$31.00
AMD A4-3330MX APU	1217	1789	NA	NA
AMD A4-3400 APU	1596	1600	29.32	\$54.45
AMD A4-3420 APU	1676	1556	NA	NA
AMD A4-4000 APU	1805	1489	42.89	\$42.10
AMD A4-4020 APU	1872	1463	36.03	\$51.98
AMD A4-4300M APU	1611	1590	40.43	\$39.86*
AMD A4-4355M APU	1163	1816	NA	NA
AMD A4-5000 APU	1901	1440	NA	NA
AMD A4-5050 APU	2159	1341	NA	NA
AMD A4-5100 APU	2082	1371	NA	NA
AMD A4-5150M APU	1806	1487	NA	NA
AMD A4-5300 APU	1999	1401	35.71	\$55.98
AMD A4-5300B APU	2070	1377	54.48	\$38.00*
AMD A4-6210 APU	2142	1348	NA	NA
AMD A4-6250J APU	2556	1196	NA	NA
AMD A4-6300 APU	2226	1318	47.81	\$46.57
AMD A4-6300B APU	2098	1366	20.98	\$100.00*
AMD A4-6320 APU	2322	1270	42.31	\$54.90*
AMD A4-7210 APU	2516	1209	NA	NA
AMD A4-7300 APU	2276	1295	63.25	\$35.99
AMD A4-9120	1677	1555	NA	NA
AMD A6 Micro-6500T APU	1834	1476	NA	NA
AMD A6 PRO-7050B APU	1549	1617	NA	NA
AMD A6 PRO-7400B	2721	1147	NA	NA
AMD A6-1450 APU	1526	1628	NA	NA
AMD A6-3400M APU	1898	1444	54.32	\$35.99
AMD A6-3410MX APU	2064	1378	68.84	\$35.99
AMD A6-3420M APU	2018	1394	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-3430MX APU	2224	1319	NA	NA
AMD A6-3500 APU	2004	1399	50.13	\$39.99*
AMD A6-3600 APU	2711	1150	18.08	\$149.99*
AMD A6-3620 APU	2821	1115	47.04	\$59.99*
AMD A6-3650 APU	3164	1008	39.80	\$79.50*
AMD A6-3670 APU	3203	997	18.02	\$177.77
AMD A6-4400M APU	1626	1584	40.81	\$39.86*
AMD A6-4455M APU	1277	1754	NA	NA
AMD A6-5200 APU	2408	1244	NA	NA
AMD A6-5345M APU	1481	1646	NA	NA
AMD A6-5350M APU	1902	1439	31.73	\$59.95*
AMD A6-5357M APU	1888	1450	NA	NA
AMD A6-5400B APU	2188	1330	20.83	\$105.04*
AMD A6-5400K APU	2141	1349	30.76	\$69.63
AMD A6-6310 APU	2420	1237	NA	NA
AMD A6-6400B APU	2281	1293	NA	NA
AMD A6-6400K APU	2282	1291	45.66	\$49.99
AMD A6-6420B APU	2612	1177	NA	NA
AMD A6-6420K APU	2282	1292	33.07	\$69.00*
AMD A6-7000	1666	1567	NA	NA
AMD A6-7310 APU	2672	1159	NA	NA
AMD A6-7400K APU	2794	1125	49.26	\$56.72
AMD A6-7470K	2822	1113	37.42	\$75.43
AMD A6-8500P	2183	1334	NA	NA
AMD A6-8550	3104	1025	NA	NA
AMD A6-9210	1945	1422	NA	NA
AMD A6-9220	2293	1286	NA	NA
AMD A6-9230	2486	1218	NA	NA
AMD A6-9500	3219	988	54.59	\$58.98
AMD A8 PRO-7150B APU	2728	1146	NA	NA
AMD A8 PRO-7600B APU	4872	642	NA	NA
AMD A8-3500M APU	1973	1410	40.28	\$49.00*
AMD A8-3510MX APU	2389	1250	NA	NA
AMD A8-3520M APU	2184	1332	NA	NA
AMD A8-3530MX APU	2381	1254	NA	NA
AMD A8-3550MX APU	2629	1168	NA	NA
AMD A8-3800 APU	3061	1037	18.01	\$169.99*
AMD A8-3820 APU	3151	1014	25.21	\$124.99*
AMD A8-3850 APU	3482	921	17.41	\$199.99*
AMD A8-3870K APU	3582	898	17.78	\$201.54
AMD A8-4500M APU	2660	1161	NA	NA
AMD A8-4555M APU	2125	1354	NA	NA
AMD A8-5500 APU	3988	804	30.92	\$129.00*
AMD A8-5500B APU	3900	822	NA	NA
AMD A8-5545M APU	2570	1195	NA	NA
AMD A8-5550M APU	2991	1061	NA	NA
AMD A8-5557M APU	2959	1070	NA	NA
AMD A8-5600K APU	4330	738	41.24	\$200
AMD A8-6410 APU	2543	1200	NA	NA
AMD A8-6500 APU	4379	727	27.20	\$119
AMD A8-6500B APU	4584	689	NA	NA
AMD A8-6500T APU	3221	987	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-6600K APU	4577	692	17.61	\$259.95
AMD A8-7050	1986	1408	NA	NA
AMD A8-7100 APU	2828	1111	NA	NA
AMD A8-7200P	3368	952	NA	NA
AMD A8-7410 APU	2718	1148	NA	NA
AMD A8-7600 APU	5120	604	80.89	\$63.30
AMD A8-7650K	4925	636	61.58	\$79.99
AMD A8-7670K	5054	611	46.81	\$107.99
AMD A8-8600P	3265	975	NA	NA
AMD A8-8650	5487	555	NA	NA
AMD A8-9600	5091	606	72.75	\$69.99
AMD A9-9400	2209	1322	NA	NA
AMD A9-9410	2616	1173	NA	NA
AMD A9-9420	2414	1239	NA	NA
AMD Athlon 1500+	294	2417	NA	NA
AMD Athlon 1640B	668	2089	13.36	\$50.00*
AMD Athlon 1700+	349	2347	NA	NA
AMD Athlon 2000+	390	2305	NA	NA
AMD Athlon 2100+	412	2270	NA	NA
AMD Athlon 2200+	363	2335	4.55	\$79.99*
AMD Athlon 2400+	462	2217	NA	NA
AMD Athlon 2500+	374	2318	4.41	\$84.99*
AMD Athlon 2600+	444	2239	4.23	\$104.95*
AMD Athlon 2650e	406	2280	21.38	\$19.00*
AMD Athlon 2800+	447	2236	8.96	\$49.99*
AMD Athlon 2850e	498	2182	NA	NA
AMD Athlon 3100+	485	2199	NA	NA
AMD Athlon 3200+	458	2223	6.01	\$76.25*
AMD Athlon 4	279	2444	4.83	\$57.99
AMD Athlon 5000 Dual-Core	1290	1744	12.91	\$99.95*
AMD Athlon 5150 APU	2090	1369	19.36	\$108.00
AMD Athlon 5200 Dual-Core	1236	1777	13.69	\$90.33*
AMD Athlon 5350 APU	2593	1184	14.29	\$181.49
AMD Athlon 5370 APU	2864	1101	44.96	\$63.70*
AMD Athlon 64 2000+	116	2576	NA	NA
AMD Athlon 64 2200+	575	2135	NA	NA
AMD Athlon 64 2600+	374	2319	NA	NA
AMD Athlon 64 2800+	438	2244	4.38	\$99.99*
AMD Athlon 64 3000+	461	2220	5.43	\$84.95
AMD Athlon 64 3200+	491	2189	3.28	\$149.95*
AMD Athlon 64 3300+	576	2134	NA	NA
AMD Athlon 64 3400+	547	2147	NA	NA
AMD Athlon 64 3500+	540	2153	9.16	\$59.00
AMD Athlon 64 3600+	601	2122	NA	NA
AMD Athlon 64 3700+	599	2123	8.69	\$69.00*
AMD Athlon 64 3800+	588	2127	7.45	\$79.00
AMD Athlon 64 4000+	606	2117	7.58	\$79.99*
AMD Athlon 64 FX-25	794	2031	NA	NA
AMD Athlon 64 FX-34	380	2312	NA	NA
AMD Athlon 64 FX-51	437	2247	NA	NA
AMD Athlon 64 FX-53	646	2097	21.57	NA
AMD Athlon 64 FX-55	721	2060	4.01	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-57	730	2055	NA	NA
AMD Athlon 64 FX-59	715	2065	NA	NA
AMD Athlon 64 FX-60 Dual Core	1284	1748	NA	NA
AMD Athlon 64 FX-62 Dual Core	1571	1612	NA	NA
AMD Athlon 64 FX-72	1794	1495	NA	NA
AMD Athlon 64 FX-74	1495	1642	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	1949	NA	NA
AMD Athlon 64 X2 4200+	1285	1747	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1700	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	1003	1908	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	972	1930	16.21	\$60.00
AMD Athlon 64 X2 Dual Core 3800+	1003	1910	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1042	1880	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	1850	8.46	\$129.95
AMD Athlon 64 X2 Dual Core 4400+	1146	1829	19.10	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1223	1785	3.40	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1259	1765	7.87	\$159.95
AMD Athlon 64 X2 Dual Core 5000+	1310	1726	3.95	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1382	1691	26.04	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1448	1664	27.34	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1478	1648	9.86	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1536	1623	17.07	\$90.00*
AMD Athlon 64 X2 Dual Core 6000+	1603	1595	49.35	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1794	1494	22.45	\$79.95
AMD Athlon 64 X2 Dual Core BE-230	1095	1853	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	1862	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	1879	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2010	24.03	\$34.95*
AMD Athlon 64 X2 Dual Core TK-55	839	2011	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	1932	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	1989	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	812	2025	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	879	1988	12.09	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	919	1970	NA	NA
AMD Athlon 64 X2 QL-60	928	1965	NA	NA
AMD Athlon 64 X2 QL-62	1016	1898	NA	NA
AMD Athlon 64 X2 QL-64	983	1924	NA	NA
AMD Athlon 64 X2 QL-65	1041	1882	NA	NA
AMD Athlon 64 X2 QL-66	945	1955	NA	NA
AMD Athlon 64 X2 QL-67	1006	1904	NA	NA
AMD Athlon 64 X2 TK-55	955	1950	NA	NA
AMD Athlon 64 X2 TK-57	988	1922	NA	NA
AMD Athlon 7450 Dual-Core	1428	1672	NA	NA
AMD Athlon 7550 Dual-Core	1456	1660	24.27	\$60.00*
AMD Athlon 7750 Dual-Core	1579	1607	9.88	\$159.76*
AMD Athlon 7850 Dual-Core	1716	1530	8.19	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2427	NA	NA
AMD Athlon Dual Core 4050e	1086	1859	NA	NA
AMD Athlon Dual Core 4450B	1168	1813	68.71	NA
AMD Athlon Dual Core 4450e	1100	1848	NA	NA
AMD Athlon Dual Core 4850B	1471	1650	NA	NA
AMD Athlon Dual Core 4850e	1314	1724	33.71	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 5000B	1296	1738	13.65	\$95.00*
AMD Athlon Dual Core 5050e	1342	1712	22.38	\$60.00*
AMD Athlon Dual Core 5200B	1327	1720	NA	NA
AMD Athlon Dual Core 5400B	1407	1679	NA	NA
AMD Athlon Dual Core 5600B	1304	1732	NA	NA
AMD Athlon II 160u	553	2146	18.46	\$29.99*
AMD Athlon II 170u	626	2109	20.91	\$29.95*
AMD Athlon II Dual-Core M300	1114	1837	NA	NA
AMD Athlon II Dual-Core M320	1142	1831	38.10	\$30.00*
AMD Athlon II Dual-Core M340	1032	1886	NA	NA
AMD Athlon II N330 Dual-Core	1154	1820	NA	NA
AMD Athlon II N350 Dual-Core	1247	1772	NA	NA
AMD Athlon II N370 Dual-Core	1559	1614	NA	NA
AMD Athlon II Neo K125	474	2209	NA	NA
AMD Athlon II Neo K145	543	2149	NA	NA
AMD Athlon II Neo K325 Dual-Core	781	2033	30.09	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2001	NA	NA
AMD Athlon II Neo N36L Dual-Core	817	2022	NA	NA
AMD Athlon II P320 Dual-Core	1217	1790	61.02	\$19.95
AMD Athlon II P340 Dual-Core	1251	1770	25.05	\$49.95*
AMD Athlon II P360 Dual-Core	1319	1723	73.29	\$18.00
AMD Athlon II X2 210e	1486	1644	NA	NA
AMD Athlon II X2 215	1582	1605	131.98	\$11.99
AMD Athlon II X2 220	1630	1582	50.66	\$32.19
AMD Athlon II X2 225	1526	1629	NA	NA
AMD Athlon II X2 235e	1656	1570	19.54	\$84.76
AMD Athlon II X2 240	1644	1573	47.05	\$34.95
AMD Athlon II X2 240e	1703	1535	48.75	\$34.95*
AMD Athlon II X2 245	1685	1551	48.24	\$34.95*
AMD Athlon II X2 245e	1702	1538	21.28	\$80.00*
AMD Athlon II X2 250	1750	1513	25.02	\$69.95
AMD Athlon II X2 250e	1949	1419	25.41	\$76.73*
AMD Athlon II X2 250u	1005	1906	25.16	\$39.95
AMD Athlon II X2 255	1839	1473	23.24	\$79.18*
AMD Athlon II X2 260	1879	1457	39.16	\$48.00*
AMD Athlon II X2 260u	1102	1847	13.22	\$83.44*
AMD Athlon II X2 265	1876	1458	22.65	\$82.88*
AMD Athlon II X2 270	1988	1406	19.88	\$99.99*
AMD Athlon II X2 270u	1350	1707	19.96	\$67.67*
AMD Athlon II X2 280	2169	1338	21.70	\$99.99*
AMD Athlon II X2 4300e	1464	1654	NA	NA
AMD Athlon II X2 4400e	1618	1586	NA	NA
AMD Athlon II X2 4450e	1504	1638	NA	NA
AMD Athlon II X2 B22	1711	1532	47.61	\$35.95*
AMD Athlon II X2 B24	1787	1498	44.73	\$39.95
AMD Athlon II X2 B26	1824	1479	52.20	\$34.95
AMD Athlon II X2 B28	2107	1361	49.00	\$43.00*
AMD Athlon II X3 400e	2018	1395	18.79	NA
AMD Athlon II X3 405e	2036	1385	25.46	NA
AMD Athlon II X3 415e	2247	1308	29.97	NA
AMD Athlon II X3 420e	2286	1289	19.68	NA
AMD Athlon II X3 425	2320	1272	55.30	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 425e	2239	1313	NA	NA
AMD Athlon II X3 435	2473	1223	61.91	\$39.95*
AMD Athlon II X3 440	2570	1194	54.75	\$46.95*
AMD Athlon II X3 445	2577	1190	28.33	\$91.00*
AMD Athlon II X3 450	2624	1170	58.38	\$44.95
AMD Athlon II X3 455	2771	1127	30.82	\$89.95*
AMD Athlon II X3 460	2871	1100	33.78	\$84.99
AMD Athlon II X4 553	3814	839	NA	NA
AMD Athlon II X4 555	3830	833	NA	NA
AMD Athlon II X4 559	4166	772	NA	NA
AMD Athlon II X4 600e	2388	1251	18.34	\$130.23*
AMD Athlon II X4 605e	2743	1141	26.95	\$101.80*
AMD Athlon II X4 610e	2806	1121	40.10	\$69.99*
AMD Athlon II X4 615e	2891	1091	49.01	\$59.00*
AMD Athlon II X4 620	2946	1074	45.37	\$64.95*
AMD Athlon II X4 620e	2906	1084	NA	NA
AMD Athlon II X4 630	3144	1017	49.95	\$62.95
AMD Athlon II X4 631 Quad-Core	3154	1012	157.79	\$19.99*
AMD Athlon II X4 635	3256	980	46.56	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	998	NA	NA
AMD Athlon II X4 640	3325	961	41.60	\$79.95
AMD Athlon II X4 6400e	2594	1182	NA	NA
AMD Athlon II X4 641 Quad-Core	3373	950	36.87	\$91.50*
AMD Athlon II X4 645	3488	920	34.90	\$99.95*
AMD Athlon II X4 650	3480	922	20.89	\$166.60*
AMD Athlon II X4 651 Quad-Core	3584	896	20.13	\$178.04*
AMD Athlon II X4 655	2880	1098	NA	NA
AMD Athlon L110	306	2396	NA	NA
AMD Athlon LE-1600	561	2143	26.72	\$21.00*
AMD Athlon LE-1620	571	2138	31.75	\$18.00*
AMD Athlon LE-1640	626	2107	NA	NA
AMD Athlon LE-1660	676	2086	NA	NA
AMD Athlon MP	230	2501	4.20	\$54.95*
AMD Athlon MP 1700+	339	2360	NA	NA
AMD Athlon MP 2400+	436	2248	NA	NA
AMD Athlon MP 2800+	497	2184	NA	NA
AMD Athlon Neo MV-40	411	2272	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	1911	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2036	NA	NA
AMD Athlon Neo X2 Dual Core L335	816	2023	NA	NA
AMD Athlon QI-46	473	2210	NA	NA
AMD Athlon TF-20	417	2265	NA	NA
AMD Athlon TF-36	329	2367	NA	NA
AMD Athlon X2 215	1575	1611	NA	NA
AMD Athlon X2 235e	1806	1488	NA	NA
AMD Athlon X2 240	1575	1610	NA	NA
AMD Athlon X2 240e	1670	1561	NA	NA
AMD Athlon X2 250	1674	1557	NA	NA
AMD Athlon X2 255	1627	1583	NA	NA
AMD Athlon X2 280	2303	1281	13.17	711
AMD Athlon X2 340 Dual Core	1889	1448	63.02	711
AMD Athlon X2 370K Dual Core	2251	1306	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 440	1424	1674	NA	NA
AMD Athlon X2 Dual Core 3250e	771	2038	NA	NA
AMD Athlon X2 Dual Core 6850e	998	1913	NA	NA
AMD Athlon X2 Dual Core BE-2300	981	1926	NA	NA
AMD Athlon X2 Dual Core BE-2350	1098	1849	NA	NA
AMD Athlon X2 Dual Core BE-2400	1236	1778	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1769	NA	NA
AMD Athlon X2 Dual Core L310	641	2102	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	1903	NA	NA
AMD Athlon X3 425	2191	1328	NA	NA
AMD Athlon X3 435	2574	1192	26.96	\$95.49*
AMD Athlon X3 440	2078	1373	23.62	\$87.99*
AMD Athlon X3 445	2314	1273	NA	NA
AMD Athlon X3 450	3064	1036	38.80	\$78.99*
AMD Athlon X3 455	2401	1247	NA	NA
AMD Athlon X4 605e	2505	1212	NA	NA
AMD Athlon X4 620	2855	1103	43.97	\$64.95*
AMD Athlon X4 635	2891	1090	23.71	\$121.99*
AMD Athlon X4 640	3172	1004	NA	NA
AMD Athlon X4 645	3595	893	NA	NA
AMD Athlon X4 740 Quad Core	4001	800	14.45	\$277.00*
AMD Athlon X4 750 Quad Core	4551	699	NA	NA
AMD Athlon X4 750K Quad Core	4231	755	54.96	\$76.99*
AMD Athlon X4 760K Quad Core	4580	691	40.45	\$113.24*
AMD Athlon X4 840	5049	613	64.13	\$78.74*
AMD Athlon X4 845	5420	566	55.52	\$97.63
AMD Athlon X4 860K	5466	561	58.91	\$92.80
AMD Athlon X4 870K	5242	586	63.92	\$82.01*
AMD Athlon X4 880K	5578	543	64.01	\$87.15*
AMD Athlon X4 950	5449	563	94.13	\$57.89
AMD Athlon XP 1500	282	2439	NA	NA
AMD Athlon XP 1500+	257	2471	NA	NA
AMD Athlon XP 1600+	267	2460	NA	NA
AMD Athlon XP 1700	344	2354	NA	NA
AMD Athlon XP 1700+	269	2457	NA	NA
AMD Athlon XP 1800+	300	2408	5.09	\$58.95*
AMD Athlon XP 1900+	312	2386	NA	NA
AMD Athlon XP 2000+	299	2409	12.00	\$24.99*
AMD Athlon XP 2100+	323	2370	NA	NA
AMD Athlon XP 2200+	327	2368	3.86	\$84.95*
AMD Athlon XP 2300+	464	2216	NA	NA
AMD Athlon XP 2400+	360	2337	4.01	\$89.99*
AMD Athlon XP 2500+	355	2341	NA	NA
AMD Athlon XP 2600+	372	2322	16.18	\$23.03*
AMD Athlon XP 2700+	393	2299	4.64	\$84.79*
AMD Athlon XP 2800+	398	2293	NA	NA
AMD Athlon XP 2900+	459	2221	NA	NA
AMD Athlon XP 3000+	402	2288	5.15	NA
AMD Athlon XP 3100+	433	2255	NA	NA
AMD Athlon XP 3200+	432	2256	NA	NA
AMD Athlon XP 3400+	570	2140	NA	NA
AMD Athlon XP Pro3+	367	2329	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP-M	541	2152	3.86	\$139.99*
AMD Athlon XP1600+	281	2440	NA	NA
AMD Athlon XP1700+	234	2497	NA	NA
AMD Athlon XP1900+	353	2344	NA	NA
AMD Athlon XP2100+	287	2429	NA	NA
AMD Athlon XP2200+	401	2289	NA	NA
AMD Athlon XP2400+	391	2303	NA	NA
AMD Athlon64 X2 Dual Core 3800+	997	1914	NA	NA
AMD Athlon64 X2 Dual Core 4200+	1006	1905	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	1844	NA	NA
AMD C-30	310	2389	NA	NA
AMD C-50	462	2218	NA	NA
AMD C-60	448	2233	NA	NA
AMD C-60 APU	542	2151	NA	NA
AMD C-70 APU	569	2141	NA	NA
AMD E-240	317	2378	NA	NA
AMD E-300 APU	613	2115	NA	NA
AMD E-350	745	2050	NA	NA
AMD E-350 APU	769	2040	NA	NA
AMD E-350D APU	719	2063	NA	NA
AMD E-450 APU	769	2039	NA	NA
AMD E1 Micro-6200T APU	960	1946	NA	NA
AMD E1-1200 APU	664	2090	NA	NA
AMD E1-1500 APU	687	2080	NA	NA
AMD E1-2100 APU	626	2108	NA	NA
AMD E1-2200 APU	767	2041	NA	NA
AMD E1-2500 APU	887	1984	NA	NA
AMD E1-6010 APU	850	2003	NA	NA
AMD E1-6015 APU	882	1986	NA	NA
AMD E1-7010 APU	988	1921	NA	NA
AMD E2-1800 APU	820	2021	NA	NA
AMD E2-2000 APU	821	2019	NA	NA
AMD E2-3000 APU	1080	1865	NA	NA
AMD E2-3000M APU	1091	1855	54.57	\$20.00*
AMD E2-3200 APU	1435	1670	NA	NA
AMD E2-3800 APU	1626	1585	NA	NA
AMD E2-6110 APU	1900	1443	NA	NA
AMD E2-7110 APU	2279	1294	NA	NA
AMD E2-9000	1856	1467	NA	NA
AMD E2-9000e	1294	1740	NA	NA
AMD E2-9010	1921	1432	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1514	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2587	1185	NA	NA
AMD Embedded R-Series RX-216GD	2408	1243	NA	NA
AMD Embedded R-Series RX-421BD	4857	645	NA	NA
AMD FirePro A320 APU	4540	702	NA	NA
AMD FX-4100 Quad-Core	4054	786	67.57	
AMD FX-4130 Quad-Core	4160	776	54.04	
AMD FX-4150 Quad-Core	4586	688	NA	NA
AMD FX-4170 Quad-Core	4846	647	33.75	
AMD FX-4200 Quad-Core	4236	752	18.56	

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-4300 Quad-Core	4656	674	84.68	\$54.99
AMD FX-4320	5005	619	NA	NA
AMD FX-4330	5196	591	NA	NA
AMD FX-4350 Quad-Core	5307	584	75.84	\$69.99
AMD FX-6100 Six-Core	5415	568	28.50	\$189.99*
AMD FX-6120 Six-Core	5751	523	NA	NA
AMD FX-6130 Six-Core	6215	471	NA	NA
AMD FX-6200 Six-Core	6120	484	53.22	\$115.00
AMD FX-6300 Six-Core	6365	462	81.55	\$78.06
AMD FX-6330 Six-Core	6755	422	NA	NA
AMD FX-6350 Six-Core	6970	405	63.37	\$110.00
AMD FX-670K Quad-Core	4508	710	NA	NA
AMD FX-7500 APU	3215	991	NA	NA
AMD FX-7600P	4045	788	NA	NA
AMD FX-7600P APU	4627	680	NA	NA
AMD FX-770K Quad-Core	4848	646	NA	NA
AMD FX-8100 Eight-Core	6006	494	42.30	\$142.00*
AMD FX-8120 Eight-Core	6589	441	36.61	\$179.99*
AMD FX-8140 Eight-Core	5854	508	NA	NA
AMD FX-8150 Eight-Core	7626	353	35.48	\$214.99*
AMD FX-8300 Eight-Core	7692	350	75.92	\$101.32
AMD FX-8310 Eight-Core	7727	348	NA	NA
AMD FX-8320 Eight-Core	8021	328	77.59	\$103.38
AMD FX-8320E Eight-Core	7512	359	69.57	\$107.99
AMD FX-8350 Eight-Core	8944	267	76.68	\$116.65
AMD FX-8370 Eight-Core	9017	262	64.41	\$139.99
AMD FX-8370E Eight-Core	7788	339	40.16	\$193.97
AMD FX-870K Quad Core	5143	599	NA	NA
AMD FX-8800P	4177	771	NA	NA
AMD FX-9370 Eight-Core	9512	222	59.46	\$159.99
AMD FX-9590 Eight-Core	10194	173	78.72	\$129.50
AMD FX-9800P	4044	789	NA	NA
AMD FX-9830P	4818	655	NA	NA
AMD FX-B4150 Quad-Core	4611	683	NA	NA
AMD G-T40E	485	2197	NA	NA
AMD G-T40N	516	2169	NA	NA
AMD G-T44R	227	2503	NA	NA
AMD G-T48E	716	2064	NA	NA
AMD G-T52R	303	2403	NA	NA
AMD G-T56E	751	2047	NA	NA
AMD G-T56N	783	2032	NA	NA
AMD Geode NX	264	2463	NA	NA
AMD Geode NX 1750	291	2418	NA	NA
AMD GX-210JA SOC	401	2290	NA	NA
AMD GX-212JC SOC	744	2051	NA	NA
AMD GX-217GA SOC	1106	1846	NA	NA
AMD GX-218GL SOC	1115	1836	NA	NA
AMD GX-222GC SOC	1255	1768	NA	NA
AMD GX-412HC	1462	1656	NA	NA
AMD GX-415GA SOC	1940	1425	NA	NA
AMD GX-420CA SOC	2299	1282	NA	NA
AMD GX-424CC SOC	2449	1227	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD K7	403	2283	NA	NA
AMD Opteron 1210	923	1967	NA	NA
AMD Opteron 1210 HE	971	1931	NA	NA
AMD Opteron 1212	1015	1899	3.50	\$290.00*
AMD Opteron 1212 HE	1308	1727	NA	NA
AMD Opteron 1214	1191	1801	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1735	NA	NA
AMD Opteron 1216	1352	1706	24.66	\$54.85*
AMD Opteron 1216 HE	1172	1810	NA	NA
AMD Opteron 1218	1468	1652	NA	NA
AMD Opteron 1218 HE	1444	1666	NA	NA
AMD Opteron 1220	1653	1571	NA	NA
AMD Opteron 1222	1757	1510	NA	NA
AMD Opteron 1352	2368	1259	17.42	\$135.99*
AMD Opteron 1354	2608	1178	8.41	\$309.97*
AMD Opteron 1356	2765	1133	30.73	\$89.99*
AMD Opteron 1381	3065	1035	NA	NA
AMD Opteron 140	396	2294	0.67	\$595.50*
AMD Opteron 142	428	2261	NA	NA
AMD Opteron 144	511	2174	7.87	\$65.00*
AMD Opteron 146	532	2160	8.87	\$59.99*
AMD Opteron 148	603	2121	NA	NA
AMD Opteron 150	604	2119	NA	NA
AMD Opteron 152	658	2092	NA	NA
AMD Opteron 154	703	2073	NA	NA
AMD Opteron 165	899	1981	16.65	\$53.99*
AMD Opteron 170	1097	1851	NA	NA
AMD Opteron 175	1167	1814	NA	NA
AMD Opteron 180	1228	1782	9.45	\$129.95*
AMD Opteron 185	1371	1696	NA	NA
AMD Opteron 2212	1270	1759	105.89	\$12.00
AMD Opteron 2214	1358	1705	2.39	\$569.00*
AMD Opteron 2214 HE	1415	1677	NA	NA
AMD Opteron 2216	1518	1634	8.53	\$178.00*
AMD Opteron 2218	1594	1601	49.18	\$32.42*
AMD Opteron 2220	1701	1539	1.15	\$1,475.16
AMD Opteron 2220 SE	1398	1684	73.58	\$19.00
AMD Opteron 2222	1843	1471	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1433	NA	NA
AMD Opteron 2350	2820	1116	10.45	\$269.99*
AMD Opteron 2356	2814	1117	188.25	\$14.95
AMD Opteron 2374 HE	2951	1071	15.53	\$189.99*
AMD Opteron 2376	2283	1290	152.20	\$15.00*
AMD Opteron 2378	3179	1002	17.76	\$179.00*
AMD Opteron 2380	2640	1165	105.64	\$25.00*
AMD Opteron 2384	3538	905	4.21	\$840.00*
AMD Opteron 2386 SE	3538	906	NA	NA
AMD Opteron 2393 SE	2246	1309	NA	NA
AMD Opteron 2427	3069	1033	32.26	
AMD Opteron 2431	4516	707	122.07	
AMD Opteron 2435	4708	664	39.11	
AMD Opteron 246	632	2105	12.64	



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 248	476	2207	39.73	\$12.00
AMD Opteron 250	649	2096	59.01	\$11.00
AMD Opteron 252	760	2045	12.00	\$63.36*
AMD Opteron 254	693	2079	NA	NA
AMD Opteron 256	963	1938	NA	NA
AMD Opteron 265	963	1939	6.02	\$159.95*
AMD Opteron 270	1083	1861	1.78	\$607.47*
AMD Opteron 275	1291	1742	11.74	\$109.95
AMD Opteron 280	1272	1757	1.60	\$796.67*
AMD Opteron 285	1470	1651	NA	NA
AMD Opteron 290	1464	1653	10.85	\$135.00*
AMD Opteron 3260 HE	3259	978	NA	NA
AMD Opteron 3280	5330	581	19.51	\$273.18*
AMD Opteron 3320 EE	2675	1158	NA	NA
AMD Opteron 3350 HE	4009	796	NA	NA
AMD Opteron 3365	5877	505	NA	NA
AMD Opteron 3380	6384	461	7.89	\$809.00*
AMD Opteron 4122	2942	1076	23.55	\$124.99
AMD Opteron 4162 EE	3166	1007	NA	NA
AMD Opteron 4184	4418	719	8.50	\$519.95*
AMD Opteron 4280	6430	456	14.09	\$456.44*
AMD Opteron 4284	6660	431	18.64	\$357.30*
AMD Opteron 4332 HE	5401	570	NA	NA
AMD Opteron 4365 EE	5025	617	NA	NA
AMD Opteron 6128	4542	701	62.17	\$73.06*
AMD Opteron 6134	2938	1077	4.93	\$595.95
AMD Opteron 6136	4631	679	12.90	\$359.00
AMD Opteron 6164 HE	5351	577	NA	NA
AMD Opteron 6174	6171	476	4.08	\$1,514.20
AMD Opteron 6212	5776	517	27.57	\$209.50*
AMD Opteron 6234	5979	496	14.95	\$399.99*
AMD Opteron 6238	7316	378	6.72	\$1,088.11*
AMD Opteron 6272	6748	423	20.77	\$325.00*
AMD Opteron 6274	4865	644	5.35	\$908.95
AMD Opteron 6276	9011	263	36.93	\$244.00
AMD Opteron 6282 SE	9116	252	8.36	\$1,089.99*
AMD Opteron 6287 SE	9595	215	NA	NA
AMD Opteron 6328	7813	338	15.32	\$509.99
AMD Opteron 6366 HE	7503	360	NA	NA
AMD Opteron 6376	9414	230	13.72	\$685.99
AMD Opteron 6378	2152	1345	5.40	\$399.00
AMD Opteron 6380	10082	182	25.86	\$389.86
AMD Opteron 6386 SE	10748	151	4.46	\$2,407.51*
AMD Opteron 8354	2255	1304	187.96	\$12.00
AMD Opteron 8439 SE	3813	840	NA	NA
AMD Opteron X3216 APU	2313	1274	NA	NA
AMD Opteron X3421 APU	4997	620	NA	NA
AMD Phenom 2 X4 12000	3005	1055	NA	NA
AMD Phenom 7950 Quad-Core	2991	1060	NA	NA
AMD Phenom 8250 Triple-Core	1644	1574	NA	NA
AMD Phenom 8250e Triple-Core	1602	1597	34.10	NA
AMD Phenom 8400 Triple-Core	1641	1577	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8450 Triple-Core	1889	1449	63.07	\$29.95*
AMD Phenom 8450e Triple-Core	2035	1386	NA	NA
AMD Phenom 8600 Triple-Core	1697	1544	32.04	\$52.99*
AMD Phenom 8600B Triple-Core	1945	1423	36.71	\$52.99*
AMD Phenom 8650 Triple-Core	1992	1405	39.86	\$49.99*
AMD Phenom 8750 Triple-Core	2075	1375	NA	NA
AMD Phenom 8750B Triple-Core	2077	1374	NA	NA
AMD Phenom 8850 Triple-Core	2109	1360	NA	NA
AMD Phenom 8850B Triple-Core	2080	1372	NA	NA
AMD Phenom 9100e Quad-Core	1836	1475	45.96	\$39.95*
AMD Phenom 9150e Quad-Core	2124	1355	53.19	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1271	11.90	\$194.99*
AMD Phenom 9450e Quad-Core	2621	1171	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2214	1320	24.62	\$89.96*
AMD Phenom 9550 Quad-Core	2546	1198	63.75	\$39.95*
AMD Phenom 9600 Quad-Core	2303	1279	25.65	\$89.80*
AMD Phenom 9600B Quad-Core	2577	1191	17.51	\$147.19*
AMD Phenom 9650 Quad-Core	2638	1166	48.01	\$54.95*
AMD Phenom 9750 Quad-Core	2828	1112	47.18	\$59.95*
AMD Phenom 9750B Quad-Core	2709	1151	NA	NA
AMD Phenom 9850 Quad-Core	2896	1089	57.93	\$50.00*
AMD Phenom 9850B Quad-Core	3160	1011	NA	NA
AMD Phenom 9950 Quad-Core	3021	1050	16.79	\$179.98*
AMD Phenom FX-5000 Quad-Core	2518	1207	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1073	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	885	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	919	NA	NA
AMD Phenom II N620 Dual-Core	1677	1554	42.10	\$39.86*
AMD Phenom II N640 Dual-Core	1736	1519	26.74	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1469	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1162	NA	NA
AMD Phenom II N830 Triple-Core	1886	1453	NA	NA
AMD Phenom II N850 Triple-Core	1938	1427	77.56	\$25.00*
AMD Phenom II N870 Triple-Core	1969	1411	NA	NA
AMD Phenom II N930 Quad-Core	2268	1301	22.72	\$99.86*
AMD Phenom II N950 Quad-Core	2494	1216	22.16	\$112.60*
AMD Phenom II N970 Quad-Core	2515	1210	16.77	\$149.99*
AMD Phenom II P650 Dual-Core	1603	1596	45.81	\$35.00*
AMD Phenom II P820 Triple-Core	1611	1591	NA	NA
AMD Phenom II P840 Triple-Core	1731	1521	NA	NA
AMD Phenom II P860 Triple-Core	1759	1508	NA	NA
AMD Phenom II P920 Quad-Core	1881	1456	25.08	\$75.00*
AMD Phenom II P940 Quad-Core	1808	1486	NA	NA
AMD Phenom II P960 Quad-Core	2100	1365	75.00	\$28.00*
AMD Phenom II X2 511	2104	1362	NA	NA
AMD Phenom II X2 521	2093	1368	NA	NA
AMD Phenom II X2 545	1901	1442	38.07	\$49.95*
AMD Phenom II X2 550	2026	1390	15.19	NA
AMD Phenom II X2 555	2036	1384	6.79	NA
AMD Phenom II X2 560	2033	1388	18.50	NA
AMD Phenom II X2 565	2200	1325	17.61	NA
AMD Phenom II X2 570	1960	1416	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X2 B53	1670	1563	NA	NA
AMD Phenom II X2 B55	1910	1436	39.79	\$48.00*
AMD Phenom II X2 B57	1884	1454	NA	NA
AMD Phenom II X2 B59	2155	1343	43.16	\$49.95*
AMD Phenom II X3 700e	2249	1307	NA	NA
AMD Phenom II X3 705e	2236	1314	14.68	\$152.34*
AMD Phenom II X3 710	2449	1228	28.98	\$84.53*
AMD Phenom II X3 715	2649	1163	31.17	\$84.99*
AMD Phenom II X3 720	2688	1157	35.85	\$74.99*
AMD Phenom II X3 740	3002	1056	33.75	\$88.99*
AMD Phenom II X3 B73	2749	1139	36.66	\$75.00*
AMD Phenom II X3 B75	2949	1072	NA	NA
AMD Phenom II X3 B77	3067	1034	NA	NA
AMD Phenom II X4 805	2999	1057	17.24	\$173.99*
AMD Phenom II X4 810	3134	1018	27.02	\$115.99*
AMD Phenom II X4 820	3427	937	38.09	\$89.99*
AMD Phenom II X4 830	3462	928	43.31	\$79.95*
AMD Phenom II X4 840	3513	912	39.06	\$89.95*
AMD Phenom II X4 840T	3617	884	45.24	\$79.95*
AMD Phenom II X4 850	3548	904	31.83	\$111.49*
AMD Phenom II X4 8700e	2377	1256	NA	NA
AMD Phenom II X4 900e	2853	1104	NA	NA
AMD Phenom II X4 905e	3103	1026	14.61	\$212.38*
AMD Phenom II X4 910	3268	973	32.68	\$100.00*
AMD Phenom II X4 910e	3307	967	21.07	\$156.99*
AMD Phenom II X4 920	3414	941	48.79	\$69.99
AMD Phenom II X4 925	3433	936	21.46	\$159.99*
AMD Phenom II X4 940	3614	887	30.12	\$119.99*
AMD Phenom II X4 945	3688	872	12.81	\$287.89*
AMD Phenom II X4 955	3954	809	30.38	\$130.16*
AMD Phenom II X4 960T	3806	842	28.20	\$134.99*
AMD Phenom II X4 965	4210	758	64.83	\$64.95
AMD Phenom II X4 970	4368	731	25.50	\$171.28
AMD Phenom II X4 973	3759	856	NA	NA
AMD Phenom II X4 975	4515	708	34.74	\$129.99*
AMD Phenom II X4 977	3750	858	NA	NA
AMD Phenom II X4 980	4517	706	33.06	\$136.64*
AMD Phenom II X4 B05e	2781	1126	NA	NA
AMD Phenom II X4 B15e	2736	1144	NA	NA
AMD Phenom II X4 B25	3477	923	NA	NA
AMD Phenom II X4 B35	3443	931	NA	NA
AMD Phenom II X4 B40	3422	938	NA	NA
AMD Phenom II X4 B45	3475	926	NA	NA
AMD Phenom II X4 B50	3709	867	NA	NA
AMD Phenom II X4 B55	3878	825	NA	NA
AMD Phenom II X4 B60	4056	785	NA	NA
AMD Phenom II X4 B65	4177	770	NA	NA
AMD Phenom II X4 B70	4261	749	NA	NA
AMD Phenom II X4 B93	3358	954	NA	NA
AMD Phenom II X4 B95	3744	859	51.33	77.99
AMD Phenom II X4 B97	3909	820	48.90	77.99
AMD Phenom II X4 B99	4166	774	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1035T	4690	668	24.82	\$189.00*
AMD Phenom II X6 1045T	4842	649	27.67	\$175.00*
AMD Phenom II X6 1055T	4995	621	27.01	\$185.00*
AMD Phenom II X6 1065T	5085	607	NA	NA
AMD Phenom II X6 1075T	5373	573	20.67	\$259.99*
AMD Phenom II X6 1090T	5615	538	14.18	\$396.08*
AMD Phenom II X6 1100T	5773	518	24.67	\$233.99*
AMD Phenom II X620 Dual-Core	2189	1329	NA	NA
AMD Phenom II X640 Dual-Core	2021	1393	NA	NA
AMD Phenom II X920 Quad-Core	2638	1167	NA	NA
AMD Phenom II X940 Quad-Core	2695	1154	NA	NA
AMD Phenom Ultra X4 24500	3945	813	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1546	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1324	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1511	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1806	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1668	NA	NA
AMD Phenom X3 8550	1930	1430	11.36	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1509	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1403	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1315	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2812	1118	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1149	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1156	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1793	NA	NA
AMD PRO A10-8700B	3630	882	NA	NA
AMD PRO A10-8730B	4006	799	NA	NA
AMD PRO A10-8750B	5653	533	NA	NA
AMD PRO A10-8770	5742	525	NA	NA
AMD PRO A10-8770E	4881	639	NA	NA
AMD PRO A10-8850B	5848	512	NA	NA
AMD PRO A10-9700	5742	524	33.98	\$169.00*
AMD PRO A10-9700E	5083	608	36.57	\$139.00*
AMD PRO A12-8800B	4201	763	NA	NA
AMD PRO A12-8830B	4109	780	NA	NA
AMD PRO A12-8870	6177	475	NA	NA
AMD PRO A12-8870E	4814	656	NA	NA
AMD PRO A12-9800	6199	472	36.68	\$169.00*
AMD PRO A12-9800B	4312	743	NA	NA
AMD PRO A12-9800E	4812	658	28.47	\$169.00*
AMD PRO A4-3350B APU	2833	1110	NA	NA
AMD PRO A4-8350B	2881	1097	NA	NA
AMD PRO A6-8500B	2516	1208	NA	NA
AMD PRO A6-8530B	2435	1232	NA	NA
AMD PRO A6-8550B	3042	1045	NA	NA
AMD PRO A6-8570	3049	1043	NA	NA
AMD PRO A6-8570E	2906	1085	NA	NA
AMD PRO A6-9500	3262	977	44.09	\$149.00*
AMD PRO A6-9500B	2382	1252	NA	NA
AMD PRO A6-9500E	2752	1138	37.20	\$149.00*
AMD PRO A8-8600B	3850	828	NA	NA
AMD PRO A8-8650B	5457	562	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A8-9600	5342	579	44.89	\$119.00*
AMD PRO A8-9600B	4012	795	NA	NA
AMD QC-4000	1642	1575	NA	NA
AMD R-260H APU	1576	1608	NA	NA
AMD R-460L APU	1954	1417	NA	NA
AMD R-464L APU	2976	1064	NA	NA
AMD RX-427BB	4470	711	NA	NA
AMD Ryzen 3 1200	6826	417	62.14	\$109.87
AMD Ryzen 3 1300X	7379	375	56.77	\$129.99
AMD Ryzen 3 PRO 1200	7185	386	NA	NA
AMD Ryzen 3 PRO 1300	8173	311	NA	NA
AMD Ryzen 5 1400	8434	298	52.72	\$159.99
AMD Ryzen 5 1500X	10481	160	58.89	\$178.00
AMD Ryzen 5 1600	12351	119	58.82	\$209.97
AMD Ryzen 5 1600X	13181	104	58.07	\$227.00
AMD Ryzen 5 PRO 1500	10784	149	NA	NA
AMD Ryzen 5 PRO 1600	10503	159	NA	NA
AMD Ryzen 7 1700	13785	93	46.00	\$299.70
AMD Ryzen 7 1700X	14641	75	43.06	\$340.00
AMD Ryzen 7 1800X	15437	65	35.13	\$439.39
AMD Ryzen 7 PRO 1700	14950	72	NA	NA
AMD Ryzen 7 PRO 1700X	15433	66	NA	NA
AMD Ryzen Threadripper 1900X	15813	62	29.29	\$539.89
AMD Ryzen Threadripper 1920X	19640	24	25.18	\$779.99
AMD Ryzen Threadripper 1950X	22474	10	22.93	\$979.99
AMD Sempron 130	656	2094	26.29	\$24.99*
AMD Sempron 140	739	2053	18.67	\$39.59*
AMD Sempron 145	810	2027	8.54	\$94.92
AMD Sempron 150	701	2075	15.60	\$44.95
AMD Sempron 200U	267	2459	3.08	\$87.00*
AMD Sempron 2100+	392	2301	NA	NA
AMD Sempron 210U	382	2309	NA	NA
AMD Sempron 2200+	281	2443	9.38	\$29.99*
AMD Sempron 2300+	318	2376	7.07	\$45.00*
AMD Sempron 2400+	313	2385	11.62	\$27.00*
AMD Sempron 2500+	339	2358	4.25	\$79.95*
AMD Sempron 2600+	374	2320	12.49	\$29.95
AMD Sempron 2650 APU	935	1963	24.55	\$38.11
AMD Sempron 2800+	384	2308	6.41	\$59.95
AMD Sempron 3000+	408	2276	20.43	\$20.00
AMD Sempron 3100+	452	2231	7.53	\$60.00*
AMD Sempron 3200+	402	2287	30.94	\$13.00
AMD Sempron 3300+	484	2201	16.14	\$30.00
AMD Sempron 3400+	455	2228	37.93	\$12.00
AMD Sempron 3500+	384	2307	2.31	\$166.80*
AMD Sempron 3600+	489	2191	40.78	\$12.00
AMD Sempron 3800+	554	2145	26.39	\$21.00
AMD Sempron 3850 APU	1697	1545	26.54	\$22.00
AMD Sempron Dual Core 2100	869	1994	22.29	\$12.00
AMD Sempron Dual Core 2200	995	1917	NA	NA
AMD Sempron Dual Core 2300	982	1925	23.39	\$12.00
AMD Sempron Dual Core 4700	948	1952	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron Dual Core 4900	1081	1863	NA	NA
AMD Sempron LE-1100	436	2249	NA	NA
AMD Sempron LE-1150	434	2253	NA	NA
AMD Sempron LE-1200	526	2163	NA	NA
AMD Sempron LE-1250	539	2154	18.59	\$28.99*
AMD Sempron LE-1300	617	2112	51.46	\$12.00
AMD Sempron LE-1600	535	2157	NA	NA
AMD Sempron LE-1620	635	2103	NA	NA
AMD Sempron LE-1640	759	2046	NA	NA
AMD Sempron LE-250	490	2190	NA	NA
AMD Sempron M100	554	2144	46.22	\$12.00
AMD Sempron M120	574	2136	NA	NA
AMD Sempron SI-40	437	2245	36.49	\$12.00
AMD Sempron SI-42	453	2229	37.79	\$12.00
AMD Sempron X2 180	1222	1787	17.62	\$69.40*
AMD Sempron X2 190	1529	1627	18.33	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1678	NA	NA
AMD Turion 64 Mobile MK-36	466	2214	NA	NA
AMD Turion 64 Mobile MK-38	512	2172	NA	NA
AMD Turion 64 Mobile ML-28	390	2304	NA	NA
AMD Turion 64 Mobile ML-30	402	2285	NA	NA
AMD Turion 64 Mobile ML-32	410	2273	NA	NA
AMD Turion 64 Mobile ML-34	425	2263	NA	NA
AMD Turion 64 Mobile ML-37	447	2237	2.28	\$196.50*
AMD Turion 64 Mobile ML-40	520	2166	NA	NA
AMD Turion 64 Mobile ML-42	615	2113	NA	NA
AMD Turion 64 Mobile ML-44	591	2125	NA	NA
AMD Turion 64 Mobile MT-28	419	2264	NA	NA
AMD Turion 64 Mobile MT-30	378	2313	NA	NA
AMD Turion 64 Mobile MT-32	426	2262	NA	NA
AMD Turion 64 Mobile MT-34	429	2259	NA	NA
AMD Turion 64 Mobile MT-37	484	2200	NA	NA
AMD Turion 64 Mobile MT-40	536	2156	NA	NA
AMD Turion 64 X2 Mobile TL-50	750	2049	15.01	\$49.99*
AMD Turion 64 X2 Mobile TL-52	762	2043	NA	NA
AMD Turion 64 X2 Mobile TL-56	882	1987	44.12	\$20.00*
AMD Turion 64 X2 Mobile TL-58	947	1953	NA	NA
AMD Turion 64 X2 Mobile TL-60	986	1923	54.67	\$18.05*
AMD Turion 64 X2 Mobile TL-62	1093	1854	3.52	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1122	1834	28.49	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1112	1839	2.94	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1149	1823	12.77	\$90.00*
AMD Turion Dual-Core RM-70	895	1983	59.70	\$15.00*
AMD Turion Dual-Core RM-72	860	1997	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	1897	NA	NA
AMD Turion Dual-Core RM-75	961	1942	34.41	\$27.95*
AMD Turion II Dual-Core Mobile M500	1304	1731	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	1730	18.90	20.00
AMD Turion II Dual-Core Mobile M540	1307	1728	NA	NA
AMD Turion II N530 Dual-Core	1583	1604	52.78	50.00
AMD Turion II N550 Dual-Core	1521	1631	NA	NA
AMD Turion II Neo K625 Dual-Core	973	1929	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II Neo K685 Dual-Core	1186	1803	NA	NA
AMD Turion II Neo N40L Dual-Core	916	1973	NA	NA
AMD Turion II Neo N54L Dual-Core	1378	1693	NA	NA
AMD Turion II P520 Dual-Core	1363	1701	NA	NA
AMD Turion II P540 Dual-Core	1449	1663	29.02	\$49.96*
AMD Turion II P560 Dual-Core	1507	1637	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1400	1682	51.12	\$27.40*
AMD Turion II Ultra Dual-Core Mobile M620	1423	1675	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1564	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1624	NA	NA
AMD Turion Neo X2 Dual Core L625	822	2018	NA	NA
AMD Turion X2 Dual Core L510	871	1992	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	939	1960	7.08	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1041	1883	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	990	1919	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1087	1858	4.85	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1055	1874	42.29	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1148	1825	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1230	1781	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1010	1902	77.73	\$13.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1071	1867	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1212	1791	94.46	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1232	1780	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1279	1752	42.72	\$29.95*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1344	1711	33.66	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	988	1920	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1112	1840	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1662	NA	NA
AMD V105	274	2453	NA	NA
AMD V120	631	2106	NA	NA
AMD V140	641	2101	49.35	\$13.00*
AMD V160	680	2084	NA	NA
AMD Z-01	523	2164	NA	NA
AMD Z-60 APU	485	2198	NA	NA
AMD-K6 3D	90	2580	NA	NA
AMD-K6-III	108	2577	NA	NA
AMD-K7	403	2284	NA	NA
Athlon 64 Dual Core 3800+	1234	1779	NA	NA
Athlon 64 Dual Core 4200+	1156	1819	NA	NA
Athlon 64 Dual Core 4800+	1370	1697	NA	NA
Athlon 64 Dual Core 5000+	1497	1641	NA	NA
Athlon 64 Dual Core 5400+	1614	1588	NA	NA
Athlon 64 Dual Core 5600+	1548	1619	NA	NA
Athlon Dual Core 4050e	968	1934	NA	NA
Athlon Dual Core 4450e	1081	1864	NA	NA
Athlon Dual Core 4850e	1327	1719	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1107	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1085	1860	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1179	1807	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1210	1794	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1282	1750	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1795	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
HP Hexa-Core 2.0GHz	2178	1335	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2000	NA	NA
Intel 1400 @ 1.83GHz	980	1927	NA	NA
Intel 1500 @ 2.00GHz	1024	1893	NA	NA
Intel Atom 230 @ 1.60GHz	308	2394	NA	NA
Intel Atom 330 @ 1.60GHz	591	2124	NA	NA
Intel Atom C2338 @ 1.74GHz	898	1982	NA	NA
Intel Atom C2358 @ 1.74GHz	961	1944	NA	NA
Intel Atom C2550 @ 2.40GHz	2329	1268	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1339	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3800	845	16.38	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	955	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1010	14.72	\$214.86*
Intel Atom D2500 @ 1.86GHz	406	2279	NA	NA
Intel Atom D2550 @ 1.86GHz	671	2088	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2067	NA	NA
Intel Atom D2700 @ 2.13GHz	844	2007	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2061	NA	NA
Intel Atom D410 @ 1.66GHz	310	2390	0.49	\$635.99*
Intel Atom D425 @ 1.80GHz	340	2357	0.34	\$992.98*
Intel Atom D510 @ 1.66GHz	652	2095	6.72	\$97.16*
Intel Atom D525 @ 1.80GHz	703	2074	NA	NA
Intel Atom E3815 @ 1.46GHz	362	2336	2.79	\$129.99
Intel Atom E3825 @ 1.33GHz	564	2142	8.03	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2192	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2004	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	1817	NA	NA
Intel Atom E3845 @ 1.91GHz	1474	1649	NA	NA
Intel Atom E3950 @ 1.60GHz	2034	1387	NA	NA
Intel Atom E660 @ 1.30GHz	271	2455	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2351	NA	NA
Intel Atom K510 @ 1.66GHz	658	2093	NA	NA
Intel Atom N2100 @ 1.60GHz	309	2391	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2162	NA	NA
Intel Atom N270 @ 1.60GHz	270	2456	NA	NA
Intel Atom N280 @ 1.66GHz	286	2431	NA	NA
Intel Atom N2800 @ 1.86GHz	619	2111	NA	NA
Intel Atom N435 @ 1.33GHz	236	2496	NA	NA
Intel Atom N450 @ 1.66GHz	297	2411	NA	NA
Intel Atom N455 @ 1.66GHz	287	2430	NA	NA
Intel Atom N470 @ 1.83GHz	307	2395	NA	NA
Intel Atom N475 @ 1.83GHz	314	2382	NA	NA
Intel Atom N550 @ 1.50GHz	520	2165	6.06	\$86.00*
Intel Atom N570 @ 1.66GHz	576	2133	6.70	\$86.00*
Intel Atom S1260 @ 2.00GHz	916	1972	14.32	\$64.00*
Intel Atom x5-E3930 @ 1.30GHz	811	2026	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1609	1592	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1202	1797	9.05	NA
Intel Atom x5-Z8330 @ 1.44GHz	1021	1895	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1001	1912	NA	NA
Intel Atom x5-Z8500 @ 1.44GHz	1692	1547	27.06	NA
Intel Atom x5-Z8550 @ 1.44GHz	1873	1461	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom x7-Z8700 @ 1.60GHz	1912	1434	25.97	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1904	1438	NA	NA
Intel Atom Z2760 @ 1.80GHz	571	2139	NA	NA
Intel Atom Z3735D @ 1.33GHz	912	1974	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	1966	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	1977	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	1976	NA	NA
Intel Atom Z3736F @ 1.33GHz	920	1969	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	1871	NA	NA
Intel Atom Z3740D @ 1.33GHz	1020	1896	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	1869	NA	NA
Intel Atom Z3745D @ 1.33GHz	1058	1873	NA	NA
Intel Atom Z3770 @ 1.46GHz	1241	1775	8.31	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2029	NA	NA
Intel Atom Z3775 @ 1.46GHz	1257	1766	35.93	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1753	NA	NA
Intel Atom Z3795 @ 1.60GHz	1770	1503	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2532	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2512	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2514	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2442	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2348	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2310	NA	NA
Intel Atom Z670 @ 1.50GHz	249	2483	NA	NA
Intel Celeron 1.70GHz	130	2571	NA	NA
Intel Celeron 1.80GHz	136	2568	NA	NA
Intel Celeron 1000M @ 1.80GHz	1667	1565	NA	NA
Intel Celeron 1000MHz	241	2491	NA	NA
Intel Celeron 1005M @ 1.90GHz	1838	1474	NA	NA
Intel Celeron 1007U @ 1.50GHz	1398	1683	7.56	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1554	1616	NA	NA
Intel Celeron 1019Y @ 1.00GHz	960	1945	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1316	NA	NA
Intel Celeron 1037U @ 1.80GHz	1732	1520	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1802	NA	NA
Intel Celeron 1066MHz	259	2468	NA	NA
Intel Celeron 1100MHz	174	2550	NA	NA
Intel Celeron 1133MHz	282	2436	NA	NA
Intel Celeron 1200MHz	244	2490	NA	NA
Intel Celeron 1300MHz	288	2426	NA	NA
Intel Celeron 1333MHz	290	2419	NA	NA
Intel Celeron 1400MHz	302	2404	NA	NA
Intel Celeron 2.00GHz	184	2542	NA	NA
Intel Celeron 2.10GHz	244	2489	NA	NA
Intel Celeron 2.13GHz	210	2518	NA	NA
Intel Celeron 2.20GHz	213	2516	NA	NA
Intel Celeron 2.26GHz	223	2506	NA	NA
Intel Celeron 2.30GHz	227	2504	NA	NA
Intel Celeron 2.40GHz	218	2513	NA	NA
Intel Celeron 2.50GHz	253	2476	NA	NA
Intel Celeron 2.53GHz	245	2487	NA	NA
Intel Celeron 2.60GHz	238	2493	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	251	2480	NA	NA
Intel Celeron 2.70GHz	245	2488	NA	NA
Intel Celeron 2.80GHz	253	2474	NA	NA
Intel Celeron 2.93GHz	285	2433	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1260	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2372	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2375	NA	NA
Intel Celeron 2950M @ 2.00GHz	2008	1398	NA	NA
Intel Celeron 2955U @ 1.40GHz	1444	1667	NA	NA
Intel Celeron 2957U @ 1.40GHz	1459	1657	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	1843	NA	NA
Intel Celeron 2970M @ 2.20GHz	2304	1277	NA	NA
Intel Celeron 2980U @ 1.60GHz	1563	1613	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1609	NA	NA
Intel Celeron 3.06GHz	285	2432	NA	NA
Intel Celeron 3.20GHz	289	2422	NA	NA
Intel Celeron 3.33GHz	333	2364	NA	NA
Intel Celeron 3205U @ 1.50GHz	1544	1621	6.16	\$250.73*
Intel Celeron 3215U @ 1.70GHz	1657	1569	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1537	NA	NA
Intel Celeron 3765U @ 1.90GHz	2038	1383	NA	NA
Intel Celeron 3855U @ 1.60GHz	1718	1529	NA	NA
Intel Celeron 3865U @ 1.80GHz	1679	1552	NA	NA
Intel Celeron 3955U @ 2.00GHz	1728	1522	NA	NA
Intel Celeron 420 @ 1.60GHz	452	2230	13.00	\$34.78*
Intel Celeron 430 @ 1.80GHz	491	2187	6.15	\$79.95
Intel Celeron 440 @ 2.00GHz	537	2155	7.17	\$74.99
Intel Celeron 450 @ 2.20GHz	623	2110	NA	NA
Intel Celeron 530 @ 1.73GHz	468	2212	20.36	\$23.00*
Intel Celeron 540 @ 1.86GHz	511	2175	NA	NA
Intel Celeron 550 @ 2.00GHz	498	2183	38.38	\$13.00*
Intel Celeron 560 @ 2.13GHz	534	2158	6.68	\$79.95
Intel Celeron 570 @ 2.26GHz	526	2161	NA	NA
Intel Celeron 600MHz	147	2565	NA	NA
Intel Celeron 723 @ 1.20GHz	408	2275	NA	NA
Intel Celeron 743 @ 1.30GHz	430	2257	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2048	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2325	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2114	NA	NA
Intel Celeron 847 @ 1.10GHz	940	1958	2.99	\$315.00*
Intel Celeron 847E @ 1.10GHz	1026	1890	NA	NA
Intel Celeron 857 @ 1.20GHz	1172	1811	NA	NA
Intel Celeron 867 @ 1.30GHz	1199	1798	NA	NA
Intel Celeron 877 @ 1.40GHz	1290	1743	NA	NA
Intel Celeron 887 @ 1.50GHz	1297	1737	NA	NA
Intel Celeron 900 @ 2.20GHz	678	2085	23.40	\$28.99
Intel Celeron 925 @ 2.30GHz	697	2078	NA	NA
Intel Celeron @ 1.30GHz	965	1936	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2538	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2024	NA	NA
Intel Celeron B800 @ 1.50GHz	1288	1745	NA	NA
Intel Celeron B810 @ 1.60GHz	1385	1689	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron B815 @ 1.60GHz	1375	1695	NA	NA
Intel Celeron B820 @ 1.70GHz	1429	1671	36.38	\$39.29*
Intel Celeron B830 @ 1.80GHz	1531	1626	NA	NA
Intel Celeron B840 @ 1.90GHz	1724	1525	NA	NA
Intel Celeron D 347 @ 3.06GHz	276	2448	NA	NA
Intel Celeron D 352 @ 3.20GHz	305	2398	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2380	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2363	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2282	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2203	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2128	NA	NA
Intel Celeron E1200 @ 1.60GHz	861	1996	21.55	\$39.99
Intel Celeron E1400 @ 2.00GHz	1035	1885	12.96	\$79.95
Intel Celeron E1500 @ 2.20GHz	1148	1826	18.16	\$63.25*
Intel Celeron E1600 @ 2.40GHz	1260	1763	NA	NA
Intel Celeron E3200 @ 2.40GHz	1386	1688	26.66	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1389	1687	124.21	\$11.19
Intel Celeron E3400 @ 2.60GHz	1435	1669	18.78	\$76.47*
Intel Celeron E3500 @ 2.70GHz	1454	1661	46.91	\$31.00
Intel Celeron G1101 @ 2.27GHz	1727	1524	20.33	\$85.00*
Intel Celeron G1610 @ 2.60GHz	2499	1214	100.02	\$24.99
Intel Celeron G1610T @ 2.30GHz	2322	1269	58.01	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2587	1186	31.21	\$82.92
Intel Celeron G1620T @ 2.40GHz	2353	1264	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2488	1217	38.87	\$64.01
Intel Celeron G1820 @ 2.70GHz	2771	1128	33.02	\$83.94*
Intel Celeron G1820T @ 2.40GHz	2495	1215	59.42	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1351	NA	NA
Intel Celeron G1830 @ 2.80GHz	2614	1175	36.82	\$70.99*
Intel Celeron G1840 @ 2.80GHz	2886	1095	37.74	\$76.48
Intel Celeron G1840T @ 2.50GHz	2605	1179	NA	NA
Intel Celeron G1850 @ 2.90GHz	2879	1099	35.99	\$80.00
Intel Celeron G3900 @ 2.80GHz	3056	1039	74.02	\$41.29
Intel Celeron G3900E @ 2.40GHz	2707	1152	NA	NA
Intel Celeron G3900T @ 2.60GHz	2902	1087	NA	NA
Intel Celeron G3920 @ 2.90GHz	3412	942	74.03	\$46.09
Intel Celeron G3930 @ 2.90GHz	3044	1044	NA	NA
Intel Celeron G3950 @ 3.00GHz	3334	958	NA	NA
Intel Celeron G440 @ 1.60GHz	698	2077	5.59	\$125.00
Intel Celeron G460 @ 1.80GHz	1028	1887	52.52	\$19.59
Intel Celeron G465 @ 1.90GHz	1054	1875	13.19	\$80.00
Intel Celeron G470 @ 2.00GHz	1306	1729	NA	NA
Intel Celeron G530 @ 2.40GHz	2144	1347	30.64	\$69.99
Intel Celeron G530T @ 2.00GHz	1604	1594	NA	NA
Intel Celeron G540 @ 2.50GHz	2206	1323	105.12	\$20.99
Intel Celeron G540T @ 2.10GHz	2114	1358	NA	NA
Intel Celeron G550 @ 2.60GHz	2291	1287	114.63	\$19.99
Intel Celeron G550T @ 2.20GHz	2073	1376	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1236	22.03	NA
Intel Celeron J1750 @ 2.41GHz	1037	1884	NA	NA
Intel Celeron J1800 @ 2.41GHz	1027	1889	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1589	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J1900 @ 1.99GHz	1863	1464	NA	NA
Intel Celeron J3060 @ 1.60GHz	959	1947	NA	NA
Intel Celeron J3160 @ 1.60GHz	1803	1490	NA	NA
Intel Celeron J3355 @ 2.00GHz	1328	1718	NA	NA
Intel Celeron J3455 @ 1.50GHz	2173	1336	9.48	\$229.12*
Intel Celeron M 1.00GHz	207	2524	6.73	\$30.80*
Intel Celeron M 1.30GHz	316	2379	NA	NA
Intel Celeron M 1.50GHz	346	2350	NA	NA
Intel Celeron M 1.60GHz	365	2332	NA	NA
Intel Celeron M 1.70GHz	393	2300	NA	NA
Intel Celeron M 1200MHz	275	2452	NA	NA
Intel Celeron M 1300MHz	303	2401	NA	NA
Intel Celeron M 1500MHz	332	2365	NA	NA
Intel Celeron M 360 1.40GHz	327	2369	NA	NA
Intel Celeron M 410 @ 1.46GHz	317	2377	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2359	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2327	NA	NA
Intel Celeron M 440 @ 1.86GHz	414	2269	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2475	NA	NA
Intel Celeron M 450 @ 2.00GHz	455	2227	NA	NA
Intel Celeron M 520 @ 1.60GHz	434	2254	NA	NA
Intel Celeron M 530 @ 1.73GHz	459	2222	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2150	NA	NA
Intel Celeron M 600MHz	151	2563	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2225	NA	NA
Intel Celeron M 900MHz	207	2523	NA	NA
Intel Celeron M ULV 800MHz	184	2544	NA	NA
Intel Celeron N2805 @ 1.46GHz	457	2226	NA	NA
Intel Celeron N2806 @ 1.60GHz	779	2034	NA	NA
Intel Celeron N2807 @ 1.58GHz	855	2002	NA	NA
Intel Celeron N2808 @ 1.58GHz	936	1961	NA	NA
Intel Celeron N2810 @ 2.00GHz	774	2037	4.14	\$186.99
Intel Celeron N2815 @ 1.86GHz	859	1998	NA	NA
Intel Celeron N2820 @ 2.13GHz	961	1943	5.06	\$190.00*
Intel Celeron N2830 @ 2.16GHz	953	1951	NA	NA
Intel Celeron N2840 @ 2.16GHz	1011	1901	NA	NA
Intel Celeron N2910 @ 1.60GHz	1219	1788	NA	NA
Intel Celeron N2920 @ 1.86GHz	1510	1635	NA	NA
Intel Celeron N2930 @ 1.83GHz	1642	1576	NA	NA
Intel Celeron N2940 @ 1.83GHz	1743	1517	NA	NA
Intel Celeron N3000 @ 1.04GHz	907	1978	NA	NA
Intel Celeron N3010 @ 1.04GHz	962	1941	NA	NA
Intel Celeron N3050 @ 1.60GHz	884	1985	3.16	\$279.99
Intel Celeron N3060 @ 1.60GHz	996	1916	NA	NA
Intel Celeron N3150 @ 1.60GHz	1671	1560	NA	NA
Intel Celeron N3160 @ 1.60GHz	1699	1542	NA	NA
Intel Celeron N3350 @ 1.10GHz	1136	1832	NA	NA
Intel Celeron N3450 @ 1.10GHz	1815	1484	NA	NA
Intel Celeron P4500 @ 1.87GHz	1152	1822	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	1918	NA	NA
Intel Celeron P4600 @ 2.00GHz	1345	1710	NA	NA
Intel Celeron SU2300 @ 1.20GHz	776	2035	NA	NA



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Intel Celeron T1600 @ 1.66GHz	933	1964	46.70	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	1872	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1534	NA	NA
Intel Celeron U3400 @ 1.07GHz	727	2058	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2081	NA	NA
Intel Celeron U3600 @ 1.20GHz	805	2028	NA	NA
Intel Core 330 @ 1.60GHz	643	2100	NA	NA
Intel Core 860 @ 2.80GHz	4550	700	14.73	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2062	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2071	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2056	NA	NA
Intel Core Duo T2050 @ 1.60GHz	700	2076	NA	NA
Intel Core Duo T2250 @ 1.73GHz	760	2044	NA	NA
Intel Core Duo T2300 @ 1.66GHz	731	2054	NA	NA
Intel Core Duo T2350 @ 1.86GHz	762	2042	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2030	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	831	2015	NA	NA
Intel Core Duo T2500 @ 2.00GHz	875	1991	7.30	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	941	1956	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	1892	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2148	NA	NA
Intel Core Duo U2500 @ 1.20GHz	515	2170	NA	NA
Intel Core i3-2100 @ 3.10GHz	3669	876	64.39	\$56.99
Intel Core i3-2100T @ 2.50GHz	2903	1086	16.10	\$180.30*
Intel Core i3-2102 @ 3.10GHz	3817	836	NA	NA
Intel Core i3-2105 @ 3.10GHz	3727	862	31.59	\$118.00
Intel Core i3-2120 @ 3.30GHz	3905	821	68.52	\$56.99
Intel Core i3-2120T @ 2.60GHz	3146	1016	27.85	\$113.00
Intel Core i3-2125 @ 3.30GHz	3996	803	29.60	\$135.00*
Intel Core i3-2130 @ 3.40GHz	4051	787	35.70	\$113.50
Intel Core i3-2140 @ 3.50GHz	4325	741	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1106	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2427	1234	53.95	\$44.99
Intel Core i3-2312M @ 2.10GHz	2381	1255	NA	NA
Intel Core i3-2328M @ 2.20GHz	2526	1204	NA	NA
Intel Core i3-2330E @ 2.20GHz	3073	1031	NA	NA
Intel Core i3-2330M @ 2.20GHz	2531	1201	50.68	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1253	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1528	NA	NA
Intel Core i3-2348M @ 2.30GHz	2612	1176	NA	NA
Intel Core i3-2350M @ 2.30GHz	2615	1174	62.31	\$41.97*
Intel Core i3-2357M @ 1.30GHz	1580	1606	NA	NA
Intel Core i3-2365M @ 1.40GHz	1670	1562	NA	NA
Intel Core i3-2367M @ 1.40GHz	1702	1536	NA	NA
Intel Core i3-2370M @ 2.40GHz	2757	1135	46.73	\$59.00
Intel Core i3-2375M @ 1.50GHz	1782	1499	NA	NA
Intel Core i3-2377M @ 1.50GHz	1817	1483	NA	NA
Intel Core i3-3110M @ 2.40GHz	3070	1032	21.94	NA
Intel Core i3-3120M @ 2.50GHz	3215	990	20.10	NA
Intel Core i3-3130M @ 2.60GHz	3374	949	NA	NA
Intel Core i3-3210 @ 3.20GHz	4025	793	33.83	NA
Intel Core i3-3217U @ 1.80GHz	2298	1283	6.62	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3217UE @ 1.60GHz	2162	1340	NA	NA
Intel Core i3-3220 @ 3.30GHz	4226	756	62.16	\$67.99
Intel Core i3-3220T @ 2.80GHz	3702	869	18.41	\$201.11
Intel Core i3-3225 @ 3.30GHz	4336	734	16.46	\$263.50
Intel Core i3-3227U @ 1.90GHz	2458	1225	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1686	1550	NA	NA
Intel Core i3-3240 @ 3.40GHz	4311	744	63.42	\$67.99
Intel Core i3-3240T @ 2.90GHz	3663	878	NA	NA
Intel Core i3-3245 @ 3.40GHz	4422	716	35.68	\$123.95
Intel Core i3-3250 @ 3.50GHz	4434	713	10.01	\$443.10*
Intel Core i3-3250T @ 3.00GHz	3021	1051	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1428	NA	NA
Intel Core i3-330M @ 2.13GHz	1793	1497	36.92	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1071	1868	NA	NA
Intel Core i3-350M @ 2.27GHz	1901	1441	14.63	\$130.00*
Intel Core i3-370M @ 2.40GHz	2021	1392	8.24	\$245.40*
Intel Core i3-380M @ 2.53GHz	2101	1363	42.90	\$49.00*
Intel Core i3-380UM @ 1.33GHz	1168	1812	NA	NA
Intel Core i3-390M @ 2.67GHz	2183	1333	56.07	\$38.95*
Intel Core i3-4000M @ 2.40GHz	3241	984	16.21	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2444	1231	NA	NA
Intel Core i3-4010U @ 1.70GHz	2445	1230	19.68	\$124.31
Intel Core i3-4010Y @ 1.30GHz	1883	1455	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2186	1331	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2199	1326	NA	NA
Intel Core i3-4025U @ 1.90GHz	2809	1120	NA	NA
Intel Core i3-4030U @ 1.90GHz	2704	1153	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2482	1221	NA	NA
Intel Core i3-4100M @ 2.50GHz	3445	930	15.76	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	827	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1088	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1042	NA	NA
Intel Core i3-4130 @ 3.40GHz	4791	660	26.97	\$177.70
Intel Core i3-4130T @ 2.90GHz	4113	779	46.22	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4898	638	39.19	\$124.99
Intel Core i3-4150T @ 3.00GHz	4182	768	18.19	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1082	NA	NA
Intel Core i3-4160 @ 3.60GHz	5043	615	36.72	\$137.35
Intel Core i3-4160T @ 3.10GHz	4383	726	30.87	\$141.99*
Intel Core i3-4170 @ 3.70GHz	5177	594	40.00	\$129.44
Intel Core i3-4170T @ 3.20GHz	4560	696	27.64	\$165.00*
Intel Core i3-4330 @ 3.50GHz	5076	609	12.69	\$400.00
Intel Core i3-4330T @ 3.00GHz	4509	709	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3133	1019	NA	NA
Intel Core i3-4340 @ 3.60GHz	5238	587	24.95	\$210.00*
Intel Core i3-4350 @ 3.60GHz	4915	637	39.01	\$125.99*
Intel Core i3-4350T @ 3.10GHz	4302	746	NA	NA
Intel Core i3-4360 @ 3.70GHz	5472	559	15.55	\$120.00*
Intel Core i3-4360T @ 3.20GHz	4636	678	NA	NA
Intel Core i3-4370 @ 3.80GHz	5587	541	23.11	\$120.00*
Intel Core i3-4570T @ 2.90GHz	4934	631	NA	NA
Intel Core i3-5005U @ 2.00GHz	2918	1080	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-5010U @ 2.10GHz	3061	1038	8.67	\$353.07
Intel Core i3-5015U @ 2.10GHz	3031	1047	NA	NA
Intel Core i3-5020U @ 2.20GHz	3178	1003	6.93	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	875	NA	NA
Intel Core i3-530 @ 2.93GHz	2582	1188	39.73	\$64.99
Intel Core i3-540 @ 3.07GHz	2691	1155	59.82	\$44.99
Intel Core i3-550 @ 3.20GHz	2835	1109	30.56	\$92.80
Intel Core i3-560 @ 3.33GHz	2960	1069	16.45	\$179.95
Intel Core i3-6006U @ 2.00GHz	3129	1020	NA	NA
Intel Core i3-6098P @ 3.60GHz	5568	544	41.63	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5485	556	50.27	\$109.12
Intel Core i3-6100E @ 2.70GHz	3769	853	NA	NA
Intel Core i3-6100H @ 2.70GHz	4162	775	NA	NA
Intel Core i3-6100T @ 3.20GHz	4835	652	48.95	\$98.78
Intel Core i3-6100TE @ 2.70GHz	4334	736	NA	NA
Intel Core i3-6100U @ 2.30GHz	3573	900	6.94	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3814	838	NA	NA
Intel Core i3-6300 @ 3.80GHz	5851	511	39.55	\$147.93
Intel Core i3-6300T @ 3.30GHz	5229	588	30.29	\$172.64
Intel Core i3-6320 @ 3.90GHz	6051	490	36.83	\$164.31
Intel Core i3-7100 @ 3.90GHz	5851	510	62.92	\$93.00
Intel Core i3-7100T @ 3.40GHz	5179	593	NA	NA
Intel Core i3-7100U @ 2.40GHz	3653	880	NA	NA
Intel Core i3-7101TE @ 3.40GHz	4927	634	42.12	\$117.00*
Intel Core i3-7300 @ 4.00GHz	6481	449	40.71	\$159.19
Intel Core i3-7300T @ 3.50GHz	5366	575	NA	NA
Intel Core i3-7320 @ 4.10GHz	6591	440	37.14	\$177.48
Intel Core i3-7350K @ 4.20GHz	6734	424	45.88	\$146.76
Intel Core i3-8100 @ 3.60GHz	6268	469	52.24	\$119.99
Intel Core i3-8350K @ 4.00GHz	9543	219	48.20	\$197.98*
Intel Core i5 750S @ 2.40GHz	2197	1327	8.72	\$252.01
Intel Core i5 E 520 @ 2.40GHz	2486	1220	NA	NA
Intel Core i5-2300 @ 2.80GHz	5339	580	53.40	\$99.99
Intel Core i5-2310 @ 2.90GHz	5500	552	28.91	\$190.25
Intel Core i5-2320 @ 3.00GHz	5739	526	35.87	\$160.00
Intel Core i5-2380P @ 3.10GHz	5677	531	31.54	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4276	747	42.81	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5912	502	67.19	\$88.00
Intel Core i5-2400S @ 2.50GHz	4935	630	28.53	\$173.00
Intel Core i5-24050S @ 2.50GHz	4928	633	NA	NA
Intel Core i5-2405S @ 2.50GHz	4980	623	10.56	\$471.59*
Intel Core i5-2410M @ 2.30GHz	3162	1009	30.14	\$104.95*
Intel Core i5-2415M @ 2.30GHz	3311	963	NA	NA
Intel Core i5-2430M @ 2.40GHz	3273	971	21.82	\$150.00
Intel Core i5-2435M @ 2.40GHz	3269	972	NA	NA
Intel Core i5-2450M @ 2.50GHz	3400	944	26.16	\$130.00*
Intel Core i5-2450P @ 3.20GHz	6132	482	28.53	\$214.99*
Intel Core i5-2467M @ 1.60GHz	2332	1267	NA	NA
Intel Core i5-2500 @ 3.30GHz	6299	466	40.95	NA
Intel Core i5-2500K @ 3.30GHz	6466	453	21.49	NA
Intel Core i5-2500S @ 2.70GHz	5285	585	25.21	NA
Intel Core i5-2500T @ 2.30GHz	4680	670	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2510E @ 2.50GHz	3676	874	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	962	NA	NA
Intel Core i5-2520M @ 2.50GHz	3575	899	13.14	\$272.00*
Intel Core i5-2537M @ 1.40GHz	2083	1370	NA	NA
Intel Core i5-2540M @ 2.60GHz	3771	852	53.92	\$69.95
Intel Core i5-2550K @ 3.40GHz	6692	427	35.41	\$189.00*
Intel Core i5-2557M @ 1.70GHz	2643	1164	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	857	NA	NA
Intel Core i5-3210M @ 2.50GHz	3807	841	18.57	\$205.00*
Intel Core i5-3230M @ 2.60GHz	3927	816	15.28	\$256.95*
Intel Core i5-3317U @ 1.70GHz	3088	1028	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4077	784	33.22	\$122.74*
Intel Core i5-3330 @ 3.00GHz	5900	503	45.74	\$129.00
Intel Core i5-3330S @ 2.70GHz	5631	535	41.72	\$134.99*
Intel Core i5-3335S @ 2.70GHz	5768	519	NA	NA
Intel Core i5-3337U @ 1.80GHz	3213	993	14.28	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2228	1317	NA	NA
Intel Core i5-3340 @ 3.10GHz	6049	491	23.09	\$262.01
Intel Core i5-3340M @ 2.70GHz	4236	753	122.26	\$34.65*
Intel Core i5-3340S @ 2.80GHz	5788	515	18.09	\$320.00
Intel Core i5-3350P @ 3.10GHz	6123	483	20.97	\$292.01
Intel Core i5-3360M @ 2.80GHz	4417	720	20.80	\$212.35*
Intel Core i5-3380M @ 2.90GHz	4388	724	NA	NA
Intel Core i5-3427U @ 1.80GHz	3536	908	8.42	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3615	886	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2890	1092	NA	NA
Intel Core i5-3450 @ 3.10GHz	6490	445	38.13	\$170.20
Intel Core i5-3450S @ 2.80GHz	6158	478	43.08	\$142.95
Intel Core i5-3470 @ 3.20GHz	6638	433	39.51	\$168.03
Intel Core i5-3470S @ 2.90GHz	6273	468	30.16	\$208.00
Intel Core i5-3470T @ 2.90GHz	4525	703	22.63	\$199.95
Intel Core i5-3475S @ 2.90GHz	6483	447	31.88	\$203.40*
Intel Core i5-3550 @ 3.30GHz	6887	412	22.33	\$308.40
Intel Core i5-3550S @ 3.00GHz	6828	416	19.51	\$349.99
Intel Core i5-3570 @ 3.40GHz	7054	400	30.62	\$230.40
Intel Core i5-3570K @ 3.40GHz	7155	389	27.38	\$261.28
Intel Core i5-3570S @ 3.10GHz	6667	430	23.40	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5877	506	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3722	863	NA	NA
Intel Core i5-4200H @ 2.80GHz	4423	715	NA	NA
Intel Core i5-4200M @ 2.50GHz	4038	791	22.44	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3275	969	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1245	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2254	1305	NA	NA
Intel Core i5-4210H @ 2.90GHz	4522	705	NA	NA
Intel Core i5-4210M @ 2.60GHz	4189	766	13.52	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3391	945	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2360	1262	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1303	NA	NA
Intel Core i5-4250U @ 1.30GHz	3439	935	6.76	\$119.99*
Intel Core i5-4258U @ 2.40GHz	4089	782	NA	NA
Intel Core i5-4260U @ 1.40GHz	3560	903	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4278U @ 2.60GHz	4332	737	NA	NA
Intel Core i5-4288U @ 2.60GHz	4405	722	NA	NA
Intel Core i5-4300M @ 2.60GHz	4407	721	NA	NA
Intel Core i5-4300U @ 1.90GHz	3739	860	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2527	1203	NA	NA
Intel Core i5-4302Y @ 1.60GHz	3013	1052	NA	NA
Intel Core i5-4308U @ 2.80GHz	4084	783	NA	NA
Intel Core i5-430M @ 2.27GHz	2101	1364	19.10	\$109.99*
Intel Core i5-430UM @ 1.20GHz	1336	1715	NA	NA
Intel Core i5-4310M @ 2.70GHz	4556	698	NA	NA
Intel Core i5-4310U @ 2.00GHz	3685	873	NA	NA
Intel Core i5-4330M @ 2.80GHz	4564	695	16.60	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4754	661	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	889	NA	NA
Intel Core i5-4400E @ 2.70GHz	1271	1758	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	811	NA	NA
Intel Core i5-4430 @ 3.00GHz	6287	467	24.19	\$259.97*
Intel Core i5-4430S @ 2.70GHz	5854	509	43.37	\$134.99*
Intel Core i5-4440 @ 3.10GHz	6467	452	19.31	\$334.97*
Intel Core i5-4440S @ 2.80GHz	6133	481	9.05	\$677.77
Intel Core i5-4460 @ 3.20GHz	6678	429	34.78	\$191.99
Intel Core i5-4460S @ 2.90GHz	6363	463	NA	NA
Intel Core i5-4460T @ 1.90GHz	4926	635	NA	NA
Intel Core i5-450M @ 2.40GHz	2123	1356	66.47	\$31.95*
Intel Core i5-4570 @ 3.20GHz	7075	397	24.41	\$289.84
Intel Core i5-4570R @ 2.70GHz	6689	428	NA	NA
Intel Core i5-4570S @ 2.90GHz	6714	426	16.38	\$409.95
Intel Core i5-4570T @ 2.90GHz	4810	659	11.76	\$408.95
Intel Core i5-4570TE @ 2.70GHz	4008	797	16.76	\$239.24*
Intel Core i5-4590 @ 3.30GHz	7240	381	32.67	\$221.61
Intel Core i5-4590S @ 3.00GHz	6962	409	23.29	\$299.00*
Intel Core i5-4590T @ 2.00GHz	5529	549	NA	NA
Intel Core i5-460M @ 2.53GHz	2333	1266	29.19	\$79.95*
Intel Core i5-4670 @ 3.40GHz	7399	371	27.11	\$272.90
Intel Core i5-4670K @ 3.40GHz	7622	354	28.60	\$266.50
Intel Core i5-4670K CPT @ 3.40GHz	7411	370	NA	NA
Intel Core i5-4670S @ 3.10GHz	6436	455	NA	NA
Intel Core i5-4670T @ 2.30GHz	6234	470	28.34	\$220.00*
Intel Core i5-4690 @ 3.50GHz	7613	355	20.98	\$362.84
Intel Core i5-4690K @ 3.50GHz	7778	341	30.03	\$259.01*
Intel Core i5-4690S @ 3.20GHz	7391	373	11.86	\$623.00*
Intel Core i5-4690T @ 2.50GHz	6392	460	NA	NA
Intel Core i5-470UM @ 1.33GHz	1270	1760	NA	NA
Intel Core i5-480M @ 2.67GHz	2417	1238	30.00	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1310	NA	NA
Intel Core i5-5200U @ 2.20GHz	3496	915	NA	NA
Intel Core i5-520M @ 2.40GHz	2375	1257	39.60	\$60.00
Intel Core i5-520UM @ 1.07GHz	1349	1708	NA	NA
Intel Core i5-5250U @ 1.60GHz	3619	883	8.19	NA
Intel Core i5-5257U @ 2.70GHz	4399	723	NA	NA
Intel Core i5-5287U @ 2.90GHz	4666	673	NA	NA
Intel Core i5-5300U @ 2.30GHz	3769	854	7.81	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-5350U @ 1.80GHz	3024	1049	NA	NA
Intel Core i5-540M @ 2.53GHz	2447	1229	12.88	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1404	1680	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	367	NA	NA
Intel Core i5-560M @ 2.67GHz	2593	1183	16.22	\$159.95
Intel Core i5-560UM @ 1.33GHz	1664	1568	NA	NA
Intel Core i5-5675C @ 3.10GHz	8144	315	28.09	\$289.99
Intel Core i5-5675R @ 3.10GHz	8061	320	NA	NA
Intel Core i5-580M @ 2.67GHz	2628	1169	23.91	\$109.95*
Intel Core i5-6198DU @ 2.30GHz	4184	767	NA	NA
Intel Core i5-6200U @ 2.30GHz	4007	798	NA	NA
Intel Core i5-6260U @ 1.80GHz	4370	730	8.42	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4938	629	NA	NA
Intel Core i5-6300HQ @ 2.30GHz	6049	492	NA	NA
Intel Core i5-6300U @ 2.40GHz	4372	729	NA	NA
Intel Core i5-6360U @ 2.00GHz	4836	651	NA	NA
Intel Core i5-6400 @ 2.70GHz	6733	425	35.53	\$189.52
Intel Core i5-6400T @ 2.20GHz	5579	542	34.87	\$159.99
Intel Core i5-6402P @ 2.80GHz	7448	366	39.21	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	516	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6758	421	NA	NA
Intel Core i5-650 @ 3.20GHz	3114	1022	28.45	\$109.50
Intel Core i5-6500 @ 3.20GHz	7226	383	35.25	\$204.99
Intel Core i5-6500T @ 2.50GHz	6192	473	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6483	448	NA	NA
Intel Core i5-655K @ 3.20GHz	3401	943	NA	NA
Intel Core i5-660 @ 3.33GHz	3256	981	20.33	\$160.20*
Intel Core i5-6600 @ 3.30GHz	7742	346	33.03	\$234.39
Intel Core i5-6600K @ 3.50GHz	8028	325	33.45	\$239.99
Intel Core i5-6600T @ 2.70GHz	7318	377	15.49	\$472.40*
Intel Core i5-661 @ 3.33GHz	3181	1001	12.62	\$252.01
Intel Core i5-670 @ 3.47GHz	3310	965	13.14	\$252.01
Intel Core i5-680 @ 3.60GHz	3508	913	35.26	\$99.50
Intel Core i5-7200U @ 2.50GHz	4700	665	NA	NA
Intel Core i5-7260U @ 2.20GHz	5753	522	NA	NA
Intel Core i5-7267U @ 3.10GHz	5350	578	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6829	415	NA	NA
Intel Core i5-7300U @ 2.60GHz	5139	602	NA	NA
Intel Core i5-7360U @ 2.30GHz	6080	489	NA	NA
Intel Core i5-7400 @ 3.00GHz	7413	369	42.61	\$174.00
Intel Core i5-7400T @ 2.40GHz	6591	439	34.07	\$193.50
Intel Core i5-7440HQ @ 2.80GHz	8142	316	NA	NA
Intel Core i5-750 @ 2.67GHz	3711	866	17.26	\$215.00
Intel Core i5-7500 @ 3.40GHz	8097	319	43.08	\$187.98
Intel Core i5-7500T @ 2.70GHz	7203	385	34.32	\$209.89
Intel Core i5-760 @ 2.80GHz	3900	823	16.81	\$232.01
Intel Core i5-7600 @ 3.50GHz	8824	276	40.11	\$219.99
Intel Core i5-7600K @ 3.80GHz	9243	244	38.70	\$229.99
Intel Core i5-7600T @ 2.80GHz	8263	304	37.62	\$219.99
Intel Core i5-7640X @ 4.00GHz	9337	237	42.45	\$229.99
Intel Core i5-7Y54 @ 1.20GHz	3613	888	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3706	868	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8250U @ 1.60GHz	7430	368	NA	NA
Intel Core i5-8400 @ 2.80GHz	10945	146	42.90	\$255.12
Intel Core i5-8600K @ 3.60GHz	13366	102	51.81	\$258.00*
Intel Core i7-2600 @ 3.40GHz	8213	308	39.11	\$209.99
Intel Core i7-2600K @ 3.40GHz	8469	297	20.41	\$415.00
Intel Core i7-2600S @ 2.80GHz	7064	399	33.80	\$209.00
Intel Core i7-2610UE @ 1.50GHz	2481	1222	NA	NA
Intel Core i7-2617M @ 1.50GHz	2803	1122	NA	NA
Intel Core i7-2620M @ 2.70GHz	3831	832	24.39	\$157.13
Intel Core i7-2630QM @ 2.00GHz	5543	546	29.98	\$184.91*
Intel Core i7-2630UM @ 1.60GHz	3204	996	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5442	564	NA	NA
Intel Core i7-2637M @ 1.70GHz	2889	1093	NA	NA
Intel Core i7-2640M @ 2.80GHz	3920	818	16.68	\$235.00
Intel Core i7-2655LE @ 2.20GHz	3122	1021	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5917	501	42.57	\$139.00
Intel Core i7-2675QM @ 2.20GHz	5538	547	NA	NA
Intel Core i7-2677M @ 1.80GHz	2846	1105	NA	NA
Intel Core i7-2700K @ 3.50GHz	8754	279	28.33	\$309.00
Intel Core i7-2710QE @ 2.10GHz	5768	520	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	576	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6105	485	35.92	\$169.97*
Intel Core i7-2760QM @ 2.40GHz	6615	438	47.27	\$139.95*
Intel Core i7-2820QM @ 2.30GHz	6621	437	18.40	\$359.95*
Intel Core i7-2840QM @ 2.40GHz	6766	420	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7039	402	11.73	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7085	395	11.64	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7178	387	12.23	\$587.19*
Intel Core i7-3517U @ 1.90GHz	3584	897	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3311	964	NA	NA
Intel Core i7-3520M @ 2.90GHz	4523	704	19.25	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3840	829	NA	NA
Intel Core i7-3540M @ 3.00GHz	4637	677	10.79	\$429.95
Intel Core i7-3555LE @ 2.50GHz	4130	777	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6472	451	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7464	365	18.66	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6428	457	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6813	419	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7133	392	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7375	376	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7591	357	31.76	\$239.00
Intel Core i7-3632QM @ 2.20GHz	6929	410	19.30	\$359.00*
Intel Core i7-3635QM @ 2.40GHz	6629	434	NA	NA
Intel Core i7-3667U @ 2.00GHz	3959	808	NA	NA
Intel Core i7-3687U @ 2.10GHz	4221	757	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3219	989	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8149	314	24.35	\$334.72*
Intel Core i7-3740QM @ 2.70GHz	8340	303	41.71	
Intel Core i7-3770 @ 3.40GHz	9308	243	29.29	
Intel Core i7-3770K @ 3.50GHz	9542	220	27.26	
Intel Core i7-3770S @ 3.10GHz	8876	270	41.50	
Intel Core i7-3770T @ 2.50GHz	8190	310	24.82	



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3820 @ 3.60GHz	8998	264	17.17	\$523.98
Intel Core i7-3820QM @ 2.70GHz	8490	294	17.43	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8850	274	21.85	\$405.00*
Intel Core i7-3920XM @ 2.90GHz	9144	249	8.34	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	12025	126	19.69	\$610.75
Intel Core i7-3940XM @ 3.00GHz	9309	242	17.27	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12674	114	7.68	\$1,650.00
Intel Core i7-3970X @ 3.50GHz	12656	115	34.22	\$369.90
Intel Core i7-4500U @ 1.80GHz	3790	849	NA	NA
Intel Core i7-4510U @ 2.00GHz	3936	814	NA	NA
Intel Core i7-4550U @ 1.50GHz	3823	834	NA	NA
Intel Core i7-4558U @ 2.80GHz	4346	733	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	739	NA	NA
Intel Core i7-4578U @ 3.00GHz	4719	663	NA	NA
Intel Core i7-4600M @ 2.90GHz	4833	653	NA	NA
Intel Core i7-4600U @ 2.10GHz	4092	781	NA	NA
Intel Core i7-4610M @ 3.00GHz	4962	625	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3738	861	NA	NA
Intel Core i7-4650U @ 1.70GHz	4012	794	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7229	382	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7755	343	20.25	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7705	349	40.77	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7498	362	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7131	393	NA	NA
Intel Core i7-4710HQ @ 2.50GHz	7742	347	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7989	331	29.42	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7501	361	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7155	388	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8026	326	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	323	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8260	305	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8340	302	NA	NA
Intel Core i7-4765T @ 2.00GHz	7299	380	27.03	\$269.99*
Intel Core i7-4770 @ 3.40GHz	9796	202	24.56	\$398.89
Intel Core i7-4770HQ @ 2.20GHz	8937	268	NA	NA
Intel Core i7-4770K @ 3.50GHz	10107	180	25.33	\$399.00
Intel Core i7-4770R @ 3.20GHz	9828	201	NA	NA
Intel Core i7-4770S @ 3.10GHz	9330	239	25.48	\$366.22
Intel Core i7-4770T @ 2.50GHz	8665	285	28.04	\$308.99*
Intel Core i7-4770TE @ 2.30GHz	7065	398	NA	NA
Intel Core i7-4771 @ 3.50GHz	9863	197	17.10	\$576.80
Intel Core i7-4785T @ 2.20GHz	7596	356	NA	NA
Intel Core i7-4790 @ 3.60GHz	9996	189	29.96	\$333.71
Intel Core i7-4790K @ 4.00GHz	11191	137	29.27	\$382.37
Intel Core i7-4790S @ 3.20GHz	9589	217	24.42	\$392.64
Intel Core i7-4790T @ 2.70GHz	9070	258	25.27	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8496	293	16.66	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8657	286	20.37	\$445.00*
Intel Core i7-4820K @ 3.70GHz	9740	206	24.35	\$445.00*
Intel Core i7-4850HQ @ 2.30GHz	9077	257	20.92	\$445.00*
Intel Core i7-4860EQ @ 1.80GHz	7850	335	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9220	246	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4870HQ @ 2.50GHz	9334	238	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9069	259	14.89	\$609.29*
Intel Core i7-4910MQ @ 2.90GHz	9455	228	18.54	\$509.95*
Intel Core i7-4930K @ 3.40GHz	13062	106	24.01	\$544.02
Intel Core i7-4930MX @ 3.00GHz	9528	221	8.69	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9926	193	9.84	\$1,008.95*
Intel Core i7-4960HQ @ 2.60GHz	9770	205	15.68	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13861	90	5.94	\$2,333.64
Intel Core i7-4980HQ @ 2.80GHz	10128	178	NA	NA
Intel Core i7-5500U @ 2.40GHz	3965	807	NA	NA
Intel Core i7-5550U @ 2.00GHz	4246	751	NA	NA
Intel Core i7-5557U @ 3.10GHz	4939	628	7.01	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4308	745	NA	NA
Intel Core i7-5650U @ 2.20GHz	4190	765	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	312	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	306	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8373	300	NA	NA
Intel Core i7-5775C @ 3.30GHz	11046	143	28.12	\$392.81
Intel Core i7-5775R @ 3.30GHz	10938	147	NA	NA
Intel Core i7-5820K @ 3.30GHz	13002	108	28.28	\$459.77
Intel Core i7-5850HQ @ 2.70GHz	9459	227	NA	NA
Intel Core i7-5930K @ 3.50GHz	13643	95	22.25	\$613.17
Intel Core i7-5950HQ @ 2.90GHz	10951	145	NA	NA
Intel Core i7-5960X @ 3.00GHz	15992	60	14.90	\$1,073.52
Intel Core i7-610 @ 2.53GHz	1969	1412	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1199	NA	NA
Intel Core i7-620LM @ 2.00GHz	1962	1415	NA	NA
Intel Core i7-620M @ 2.67GHz	2741	1142	17.14	\$159.95
Intel Core i7-620UM @ 1.07GHz	1323	1722	NA	NA
Intel Core i7-640LM @ 2.13GHz	2240	1312	NA	NA
Intel Core i7-640M @ 2.80GHz	2857	1102	19.77	\$144.55
Intel Core i7-640UM @ 1.20GHz	1672	1558	NA	NA
Intel Core i7-6498DU @ 2.50GHz	4565	694	NA	NA
Intel Core i7-6500U @ 2.50GHz	4421	717	NA	NA
Intel Core i7-6560U @ 2.20GHz	4819	654	NA	NA
Intel Core i7-6567U @ 3.30GHz	5623	536	NA	NA
Intel Core i7-6600U @ 2.60GHz	4813	657	NA	NA
Intel Core i7-660UM @ 1.33GHz	1821	1482	NA	NA
Intel Core i7-6650U @ 2.20GHz	4945	627	NA	NA
Intel Core i7-6700 @ 3.40GHz	10013	188	32.41	\$309.00
Intel Core i7-6700HQ @ 2.60GHz	8137	317	5.39	\$1,509.00*
Intel Core i7-6700K @ 4.00GHz	11109	139	32.68	\$339.99
Intel Core i7-6700T @ 2.80GHz	9061	260	31.03	\$292.00
Intel Core i7-6700TE @ 2.40GHz	9091	255	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9695	210	9.68	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13617	97	42.56	\$319.99
Intel Core i7-680UM @ 1.47GHz	1686	1549	NA	NA
Intel Core i7-6820EQ @ 2.80GHz	8824	275	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9106	253	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8803	277	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6489	446	NA	NA
Intel Core i7-6850K @ 3.60GHz	14397	79	41.15	



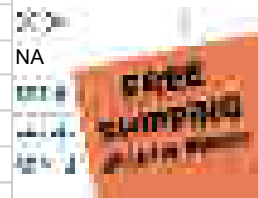
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6900K @ 3.20GHz	17721	35	16.88	\$1,049.89
Intel Core i7-6920HQ @ 2.90GHz	9592	216	NA	NA
Intel Core i7-6950X @ 3.00GHz	20033	22	12.76	\$1,569.95
Intel Core i7-720QM @ 1.60GHz	3027	1048	13.17	\$229.95*
Intel Core i7-740QM @ 1.73GHz	3205	995	20.04	\$159.95*
Intel Core i7-7500U @ 2.70GHz	5217	589	NA	NA
Intel Core i7-7560U @ 2.40GHz	5960	497	NA	NA
Intel Core i7-7567U @ 3.50GHz	6532	444	NA	NA
Intel Core i7-7600U @ 2.80GHz	5639	534	NA	NA
Intel Core i7-7660U @ 2.50GHz	6081	488	NA	NA
Intel Core i7-7700 @ 3.60GHz	10815	148	38.42	\$281.49
Intel Core i7-7700HQ @ 2.80GHz	8947	266	NA	NA
Intel Core i7-7700K @ 4.20GHz	12116	124	37.98	\$319.00
Intel Core i7-7700T @ 2.90GHz	9349	236	30.21	\$309.43
Intel Core i7-7740X @ 4.30GHz	12341	120	37.40	\$329.99
Intel Core i7-7800X @ 3.50GHz	14709	74	38.71	\$379.99
Intel Core i7-7820HK @ 2.90GHz	10120	179	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9369	233	NA	NA
Intel Core i7-7820X @ 3.60GHz	18786	29	32.67	\$574.99
Intel Core i7-7920HQ @ 3.10GHz	10138	176	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3946	812	NA	NA
Intel Core i7-820QM @ 1.73GHz	3249	982	23.38	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3421	939	9.27	\$368.90*
Intel Core i7-8550U @ 1.80GHz	8025	327	NA	NA
Intel Core i7-860 @ 2.80GHz	5044	614	16.33	\$309.00
Intel Core i7-860S @ 2.53GHz	4623	681	10.96	\$422.01
Intel Core i7-870 @ 2.93GHz	5391	572	25.21	\$213.89
Intel Core i7-8700 @ 3.20GHz	15508	64	49.71	\$312.00*
Intel Core i7-8700K @ 3.70GHz	16822	43	NA	NA
Intel Core i7-870S @ 2.67GHz	4969	624	NA	NA
Intel Core i7-875K @ 2.93GHz	5469	560	14.03	\$389.99
Intel Core i7-880 @ 3.07GHz	5684	529	9.75	\$583.00*
Intel Core i7-920 @ 2.67GHz	4953	626	13.76	\$359.95
Intel Core i7-920XM @ 2.00GHz	3817	837	23.06	\$165.55*
Intel Core i7-930 @ 2.80GHz	5166	596	10.15	\$508.95
Intel Core i7-940 @ 2.93GHz	5396	571	18.05	\$299.00
Intel Core i7-940XM @ 2.13GHz	3975	806	NA	NA
Intel Core i7-950 @ 3.07GHz	5589	540	50.81	\$109.99
Intel Core i7-960 @ 3.20GHz	5866	507	19.88	\$295.00
Intel Core i7-965 @ 3.20GHz	5885	504	16.39	\$359.00
Intel Core i7-970 @ 3.20GHz	8433	299	15.33	\$550.00
Intel Core i7-975 @ 3.33GHz	6154	479	13.10	\$469.89
Intel Core i7-980 @ 3.33GHz	8771	278	12.53	\$699.99
Intel Core i7-980X @ 3.33GHz	8852	273	11.07	\$799.99
Intel Core i7-985 @ 3.47GHz	6641	432	NA	NA
Intel Core i7-990X @ 3.47GHz	9141	250	7.62	\$1,199.99
Intel Core i7-995X @ 3.60GHz	9791	203	NA	NA
Intel Core i9-7900X @ 3.30GHz	22648	7	23.35	\$2,099.99
Intel Core i9-7920X @ 2.90GHz	23292	6	20.61	\$1,999.99
Intel Core i9-7940X @ 3.10GHz	26009	2	18.59	\$1,799.99
Intel Core i9-7960X @ 2.80GHz	25364	3	14.93	\$1,499.99
Intel Core i9-7980XE @ 2.60GHz	27709	1	13.86	\$1,299.99



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Intel Core M-5Y10 @ 0.80GHz	2739	1143	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2150	1346	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2811	1119	10.01	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2763	1134	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2551	1197	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3009	1053	NA	NA
Intel Core M-5Y71 @ 1.20GHz	3052	1040	10.86	\$281.00*
Intel Core m3-6Y30 @ 0.90GHz	3051	1041	NA	NA
Intel Core m3-7Y30 @ 1.00GHz	3599	892	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3527	911	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3328	960	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3238	985	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3536	909	NA	NA
Intel Core Solo T1300 @ 1.66GHz	395	2296	NA	NA
Intel Core Solo T1350 @ 1.86GHz	402	2286	NA	NA
Intel Core Solo T1400 @ 1.83GHz	472	2211	NA	NA
Intel Core Solo U1300 @ 1.06GHz	276	2449	NA	NA
Intel Core Solo U1400 @ 1.20GHz	282	2438	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2366	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1047	1876	21.69	\$48.32
Intel Core2 Duo E4400 @ 2.00GHz	1159	1818	10.74	\$108.00*
Intel Core2 Duo E4500 @ 2.20GHz	1275	1755	36.44	\$34.99*
Intel Core2 Duo E4600 @ 2.40GHz	1383	1690	33.51	\$41.29*
Intel Core2 Duo E4700 @ 2.60GHz	1483	1645	14.83	\$100.00*
Intel Core2 Duo E6300 @ 1.86GHz	1112	1841	24.20	\$45.98*
Intel Core2 Duo E6320 @ 1.86GHz	1192	1800	NA	NA
Intel Core2 Duo E6400 @ 2.13GHz	1296	1739	19.71	\$65.76*
Intel Core2 Duo E6420 @ 2.13GHz	1361	1704	NA	NA
Intel Core2 Duo E6540 @ 2.33GHz	1464	1655	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1640	124.87	\$12.00
Intel Core2 Duo E6600 @ 2.40GHz	1554	1615	23.58	\$65.94*
Intel Core2 Duo E6700 @ 2.66GHz	1700	1541	14.66	\$115.99
Intel Core2 Duo E6750 @ 2.66GHz	1719	1527	27.74	\$61.99*
Intel Core2 Duo E6850 @ 3.00GHz	1951	1418	29.79	\$65.50
Intel Core2 Duo E7200 @ 2.53GHz	1634	1580	8.61	\$189.95*
Intel Core2 Duo E7300 @ 2.66GHz	1728	1523	78.59	\$21.99*
Intel Core2 Duo E7400 @ 2.80GHz	1777	1500	41.35	\$42.99*
Intel Core2 Duo E7500 @ 2.93GHz	1876	1459	134.12	\$13.99
Intel Core2 Duo E7600 @ 3.06GHz	1997	1402	13.32	\$149.95*
Intel Core2 Duo E8135 @ 2.40GHz	1523	1630	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1765	1506	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1887	1452	NA	NA
Intel Core2 Duo E8235 @ 2.80GHz	1945	1421	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1263	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1999	1400	142.95	\$13.99
Intel Core2 Duo E8335 @ 2.66GHz	1810	1485	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1352	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2158	1342	220.52	NA
Intel Core2 Duo E8435 @ 3.06GHz	2127	1353	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2290	1288	114.57	NA
Intel Core2 Duo E8600 @ 3.33GHz	2411	1242	104.90	NA
Intel Core2 Duo E8700 @ 3.50GHz	2212	1321	NA	NA



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Intel Core2 Duo L7100 @ 1.20GHz	727	2057	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2082	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	841	2009	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2006	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	962	1940	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	965	1937	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	1835	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1069	1870	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1336	1714	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1300	1734	65.05	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1301	1733	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1426	1673	35.66	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	1954	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1520	1632	6.61	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1447	1665	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	1894	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1457	1658	4.91	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1539	1622	31.31	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1636	1579	43.07	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1750	1512	30.72	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1586	1603	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1769	1504	1.77	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1772	1502	17.90	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1873	1462	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2008	1397	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2126	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1265	1762	5.00	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1672	1559	5.89	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	940	1959	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	835	2014	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	827	2016	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	820	2020	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	936	1962	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	904	1980	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	912	1975	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	921	1968	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1046	1877	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1025	1891	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	1003	1907	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1089	1856	109.09	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1111	1842	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1186	1804	237.81	\$4.99*
Intel Core2 Duo T5870 @ 2.00GHz	1145	1830	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	1792	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1224	1783	81.68	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1287	1746	85.87	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1260	1764	32.73	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1370	1698	137.21	NA
Intel Core2 Duo T6670 @ 2.20GHz	1363	1702	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1011	1900	46.02	NA
Intel Core2 Duo T7200 @ 2.00GHz	1167	1815	11.68	NA
Intel Core2 Duo T7250 @ 2.00GHz	1108	1845	5.50	NA



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Intel Core2 Duo T7300 @ 2.00GHz	1192	1799	38.49	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1244	1774	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1274	1756	29.64	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1365	1699	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1419	1676	30.22	\$46.99*
Intel Core2 Duo T7800 @ 2.60GHz	1615	1587	2.66	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1292	1741	1.29	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1480	1647	6.92	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1666	1566	28.74	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1737	1518	34.06	\$51.00*
Intel Core2 Duo T9500 @ 2.60GHz	1823	1480	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1794	1496	6.00	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1431	29.67	\$64.99*
Intel Core2 Duo T9800 @ 2.93GHz	2011	1396	4.75	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2154	1344	5.40	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	876	1990	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	579	2131	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	663	2091	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	711	2068	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	858	1999	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1132	1833	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1548	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	879	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3667	877	2.45	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3494	916	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1889	1447	7.17	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1491	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1717	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1679	1553	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1892	1445	NA	NA
Intel Core2 Extreme X9100 @ 3.06GHz	2050	1381	2.41	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4210	759	4.17	\$1,008.95*
Intel Core2 Extreme X9750 @ 3.16GHz	4597	687	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4619	682	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	675	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2968	1067	129.61	\$22.90
Intel Core2 Quad Q6700 @ 2.66GHz	3302	968	143.65	\$22.99
Intel Core2 Quad Q8200 @ 2.33GHz	2822	1114	134.47	\$20.99
Intel Core2 Quad Q8300 @ 2.50GHz	2996	1058	19.33	\$155.00
Intel Core2 Quad Q8400 @ 2.66GHz	3189	1000	63.79	\$50.00*
Intel Core2 Quad Q9000 @ 2.00GHz	2528	1202	6.50	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3238	986	8.39	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3170	1005	137.91	\$22.99
Intel Core2 Quad Q9400 @ 2.66GHz	3371	951	124.91	\$26.99
Intel Core2 Quad Q9450 @ 2.66GHz	3774	851	11.26	\$335.25*
Intel Core2 Quad Q9500 @ 2.83GHz	3607	890	106.13	\$33.99
Intel Core2 Quad Q9505 @ 2.83GHz	3600	891	18.95	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3997	802	88.84	\$110.99
Intel Core2 Quad Q9650 @ 3.00GHz	4203	761	60.06	\$110.99
Intel Core2 Quad Q9705 @ 3.16GHz	3947	810	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	303	2400	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2388	NA	NA



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Intel Core2 Solo U3300 @ 1.20GHz	415	2267	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	467	2213	NA	NA
Intel E3000 @ 3.40GHz	2767	1131	NA	NA
Intel Pentium 1403 @ 2.60GHz	2747	1140	NA	NA
Intel Pentium 2020M @ 2.40GHz	2294	1285	17.13	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2412	1241	18.00	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1651	1572	12.33	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1829	1477	13.65	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1044	1878	7.80	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2303	1280	NA	NA
Intel Pentium 3556U @ 1.70GHz	1709	1533	NA	NA
Intel Pentium 3558U @ 1.70GHz	1698	1543	NA	NA
Intel Pentium 3560M @ 2.40GHz	2275	1296	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1761	NA	NA
Intel Pentium 3805U @ 1.90GHz	1992	1404	NA	NA
Intel Pentium 3825U @ 1.90GHz	2573	1193	NA	NA
Intel Pentium 4 1.40GHz	164	2554	NA	NA
Intel Pentium 4 1.50GHz	131	2570	NA	NA
Intel Pentium 4 1.60GHz	129	2572	NA	NA
Intel Pentium 4 1.70GHz	133	2569	NA	NA
Intel Pentium 4 1.80GHz	160	2557	NA	NA
Intel Pentium 4 1.90GHz	159	2558	NA	NA
Intel Pentium 4 1300MHz	119	2575	NA	NA
Intel Pentium 4 1400MHz	127	2573	NA	NA
Intel Pentium 4 1500MHz	125	2574	NA	NA
Intel Pentium 4 1600MHz	193	2534	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2561	NA	NA
Intel Pentium 4 1800MHz	162	2556	NA	NA
Intel Pentium 4 2.00GHz	189	2535	NA	NA
Intel Pentium 4 2.20GHz	210	2519	NA	NA
Intel Pentium 4 2.26GHz	221	2508	NA	NA
Intel Pentium 4 2.40GHz	228	2502	NA	NA
Intel Pentium 4 2.50GHz	245	2486	NA	NA
Intel Pentium 4 2.53GHz	248	2484	NA	NA
Intel Pentium 4 2.60GHz	288	2424	NA	NA
Intel Pentium 4 2.66GHz	254	2473	NA	NA
Intel Pentium 4 2.80GHz	322	2373	NA	NA
Intel Pentium 4 2.93GHz	303	2402	NA	NA
Intel Pentium 4 3.00GHz	353	2345	NA	NA
Intel Pentium 4 3.06GHz	347	2349	NA	NA
Intel Pentium 4 3.20GHz	375	2317	NA	NA
Intel Pentium 4 3.40GHz	396	2295	NA	NA
Intel Pentium 4 3.46GHz	487	2193	NA	NA
Intel Pentium 4 3.60GHz	491	2188	NA	NA
Intel Pentium 4 3.73GHz	486	2196	NA	NA
Intel Pentium 4 3.80GHz	487	2195	NA	NA
Intel Pentium 4 4.00GHz	184	2541	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2564	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2530	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2547	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2522	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2549	NA	NA



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Intel Pentium 4 Mobile 1.90GHz	209	2521	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2526	NA	NA
Intel Pentium 4405U @ 2.10GHz	2976	1065	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2043	1382	NA	NA
Intel Pentium 4415U @ 2.30GHz	3213	992	NA	NA
Intel Pentium 5 2.66GHz	705	2072	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	1852	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1153	1821	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	1827	NA	NA
Intel Pentium 987 @ 1.50GHz	1223	1786	NA	NA
Intel Pentium 997 @ 1.60GHz	1457	1659	NA	NA
Intel Pentium A1018 @ 2.10GHz	1605	1593	NA	NA
Intel Pentium B940 @ 2.00GHz	1723	1526	57.55	\$29.94*
Intel Pentium B950 @ 2.10GHz	1714	1531	NA	NA
Intel Pentium B960 @ 2.20GHz	1857	1466	37.93	\$48.99*
Intel Pentium B970 @ 2.30GHz	1963	1414	38.50	\$50.99*
Intel Pentium B980 @ 2.40GHz	2052	1380	29.34	\$69.95*
Intel Pentium D 805 @ 2.66GHz	534	2159	NA	NA
Intel Pentium D 830 @ 3.00GHz	644	2099	NA	NA
Intel Pentium D 915 @ 2.80GHz	584	2129	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2066	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2052	NA	NA
Intel Pentium D 960 @ 3.60GHz	823	2017	NA	NA
Intel Pentium E2140 @ 1.60GHz	871	1993	5.93	\$147.01*
Intel Pentium E2160 @ 1.80GHz	1003	1909	25.08	\$40.00
Intel Pentium E2180 @ 2.00GHz	1089	1857	8.38	\$129.95
Intel Pentium E2200 @ 2.20GHz	1203	1796	8.42	\$142.97*
Intel Pentium E2210 @ 2.20GHz	1174	1808	NA	NA
Intel Pentium E2220 @ 2.40GHz	1335	1716	10.12	\$132.01*
Intel Pentium E5200 @ 2.50GHz	1488	1643	15.04	\$99.00
Intel Pentium E5300 @ 2.60GHz	1549	1618	62.11	\$24.95
Intel Pentium E5400 @ 2.70GHz	1597	1599	10.11	\$157.95
Intel Pentium E5500 @ 2.80GHz	1634	1581	166.94	\$9.79*
Intel Pentium E5700 @ 3.00GHz	1745	1515	124.77	\$13.99
Intel Pentium E5800 @ 3.20GHz	1910	1435	28.09	\$68.00
Intel Pentium E6300 @ 2.80GHz	1701	1540	113.80	\$14.95
Intel Pentium E6500 @ 2.93GHz	1762	1507	157.53	\$11.19*
Intel Pentium E6600 @ 3.06GHz	1875	1460	133.98	\$14.00*
Intel Pentium E6700 @ 3.20GHz	1948	1420	37.54	\$51.90
Intel Pentium E6800 @ 3.33GHz	2032	1389	2.44	\$831.38*
Intel Pentium Extreme Edition 955 @ 3.46GHz	905	1979	1.19	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	1933	NA	NA
Intel Pentium G2010 @ 2.80GHz	2618	1172	72.76	\$35.99
Intel Pentium G2020 @ 2.90GHz	2768	1129	29.76	\$93.01
Intel Pentium G2020T @ 2.50GHz	2486	1219	38.85	\$64.00*
Intel Pentium G2030 @ 3.00GHz	2883	1096	70.33	\$40.99
Intel Pentium G2030T @ 2.60GHz	2470	1224	38.60	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1123	NA	NA
Intel Pentium G2120 @ 3.10GHz	3074	1030	19.34	
Intel Pentium G2130 @ 3.20GHz	3209	994	35.66	
Intel Pentium G2140 @ 3.30GHz	3387	946	33.87	
Intel Pentium G3220 @ 3.00GHz	3152	1013	30.73	



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3220T @ 2.60GHz	2596	1181	64.92	\$39.99*
Intel Pentium G3240 @ 3.10GHz	3190	999	45.01	\$70.88*
Intel Pentium G3240T @ 2.70GHz	2936	1078	NA	NA
Intel Pentium G3250 @ 3.20GHz	3257	979	37.89	\$85.99
Intel Pentium G3250T @ 2.80GHz	2970	1066	64.59	\$45.99*
Intel Pentium G3258 @ 3.20GHz	3913	819	28.58	\$136.93
Intel Pentium G3260 @ 3.30GHz	3381	947	41.22	\$82.03
Intel Pentium G3260T @ 2.90GHz	2919	1079	29.79	\$97.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1249	NA	NA
Intel Pentium G3420 @ 3.20GHz	3421	940	16.99	\$201.41*
Intel Pentium G3420T @ 2.70GHz	3008	1054	39.98	\$75.25*
Intel Pentium G3430 @ 3.30GHz	3475	925	29.92	\$116.15*
Intel Pentium G3440 @ 3.30GHz	3329	959	29.03	\$114.72*
Intel Pentium G3440T @ 2.80GHz	3101	1027	NA	NA
Intel Pentium G3450 @ 3.40GHz	3711	865	21.15	\$175.48*
Intel Pentium G3450T @ 2.90GHz	2967	1068	NA	NA
Intel Pentium G3460 @ 3.50GHz	3586	895	30.82	\$116.37*
Intel Pentium G3470 @ 3.60GHz	3702	870	35.50	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3590	894	71.98	\$49.88
Intel Pentium G4400T @ 2.90GHz	3243	983	NA	NA
Intel Pentium G4500 @ 3.50GHz	3794	848	53.13	\$71.42
Intel Pentium G4500T @ 3.00GHz	3471	927	NA	NA
Intel Pentium G4520 @ 3.60GHz	4195	764	45.71	\$91.77
Intel Pentium G4560 @ 3.50GHz	4929	632	44.88	\$109.82*
Intel Pentium G4560T @ 2.90GHz	4181	769	NA	NA
Intel Pentium G4600 @ 3.60GHz	5143	598	53.99	\$95.26
Intel Pentium G4600T @ 3.00GHz	4328	740	NA	NA
Intel Pentium G4620 @ 3.70GHz	5314	582	49.11	\$108.23
Intel Pentium G620 @ 2.60GHz	2304	1278	92.21	\$24.99
Intel Pentium G620T @ 2.20GHz	2052	1379	25.66	\$79.99*
Intel Pentium G630 @ 2.70GHz	2370	1258	94.88	\$24.99
Intel Pentium G630T @ 2.30GHz	2123	1357	26.54	\$79.99*
Intel Pentium G640 @ 2.80GHz	2525	1205	101.07	\$24.99
Intel Pentium G640T @ 2.40GHz	1906	1437	NA	NA
Intel Pentium G645 @ 2.90GHz	2602	1180	27.39	\$95.00*
Intel Pentium G645T @ 2.50GHz	2313	1275	NA	NA
Intel Pentium G6950 @ 2.80GHz	1846	1470	11.69	\$157.95
Intel Pentium G6951 @ 2.80GHz	2311	1276	24.59	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2097	1367	NA	NA
Intel Pentium G840 @ 2.80GHz	2578	1189	42.98	\$59.99*
Intel Pentium G850 @ 2.90GHz	2665	1160	95.23	\$27.99
Intel Pentium G860 @ 3.00GHz	2756	1136	91.92	\$29.99
Intel Pentium G870 @ 3.10GHz	2836	1108	29.24	\$97.00
Intel Pentium III 1133 @ 1133MHz	284	2434	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2446	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2392	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2412	NA	NA
Intel Pentium III 1400S @ 1400MHz	301	2406	NA	NA
Intel Pentium III 933S @ 933MHz	238	2494	NA	NA
Intel Pentium III Mobile 1000MHz	245	2485	NA	NA
Intel Pentium III Mobile 1066MHz	268	2458	NA	NA
Intel Pentium III Mobile 1133MHz	251	2479	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III Mobile 1200MHz	262	2466	NA	NA
Intel Pentium III Mobile 750MHz	103	2578	NA	NA
Intel Pentium III Mobile 800MHz	182	2545	NA	NA
Intel Pentium III Mobile 866MHz	152	2562	NA	NA
Intel Pentium III Mobile 933MHz	218	2511	8.58	\$25.51*
Intel Pentium J2850 @ 2.41GHz	1826	1478	NA	NA
Intel Pentium J2900 @ 2.41GHz	1977	1409	NA	NA
Intel Pentium J3710 @ 1.60GHz	1986	1407	NA	NA
Intel Pentium J4205 @ 1.50GHz	2296	1284	NA	NA
Intel Pentium M 1.10GHz	282	2437	NA	NA
Intel Pentium M 1.20GHz	298	2410	NA	NA
Intel Pentium M 1.30GHz	301	2405	NA	NA
Intel Pentium M 1.40GHz	345	2353	NA	NA
Intel Pentium M 1.50GHz	367	2328	NA	NA
Intel Pentium M 1.60GHz	364	2333	NA	NA
Intel Pentium M 1.70GHz	405	2281	NA	NA
Intel Pentium M 1.73GHz	415	2268	NA	NA
Intel Pentium M 1.80GHz	406	2278	NA	NA
Intel Pentium M 1.86GHz	437	2246	NA	NA
Intel Pentium M 1000MHz	233	2499	NA	NA
Intel Pentium M 1100MHz	259	2469	NA	NA
Intel Pentium M 1200MHz	237	2495	NA	NA
Intel Pentium M 1300MHz	303	2399	NA	NA
Intel Pentium M 1400MHz	321	2374	NA	NA
Intel Pentium M 1500MHz	354	2342	NA	NA
Intel Pentium M 1600MHz	342	2355	NA	NA
Intel Pentium M 1700MHz	376	2316	NA	NA
Intel Pentium M 2.00GHz	465	2215	NA	NA
Intel Pentium M 2.10GHz	448	2234	NA	NA
Intel Pentium M 2.13GHz	509	2176	NA	NA
Intel Pentium M 2.26GHz	509	2177	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2202	NA	NA
Intel Pentium M 900MHz	220	2509	NA	NA
Intel Pentium N3510 @ 1.99GHz	1533	1625	NA	NA
Intel Pentium N3520 @ 2.16GHz	1798	1493	NA	NA
Intel Pentium N3530 @ 2.16GHz	1888	1451	NA	NA
Intel Pentium N3540 @ 2.16GHz	1944	1424	7.75	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1855	1468	4.17	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1932	1429	NA	NA
Intel Pentium N4200 @ 1.10GHz	2022	1391	NA	NA
Intel Pentium P6000 @ 1.87GHz	1256	1767	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	1721	110.50	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1345	1709	22.43	\$59.99*
Intel Pentium P6300 @ 2.27GHz	1395	1686	NA	NA
Intel Pentium SU2700 @ 1.30GHz	407	2277	NA	NA
Intel Pentium SU4100 @ 1.30GHz	864	1995	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2008	NA	NA
Intel Pentium T2060 @ 1.60GHz	672	2087	NA	NA
Intel Pentium T2080 @ 1.73GHz	710	2069	4.44	NA
Intel Pentium T2130 @ 1.86GHz	710	2070	NA	NA
Intel Pentium T2310 @ 1.46GHz	723	2059	NA	NA
Intel Pentium T2330 @ 1.60GHz	835	2013	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2370 @ 1.73GHz	846	2005	NA	NA
Intel Pentium T2390 @ 1.86GHz	941	1957	NA	NA
Intel Pentium T2410 @ 2.00GHz	996	1915	NA	NA
Intel Pentium T3200 @ 2.00GHz	1028	1888	85.71	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1113	1838	79.54	\$14.00
Intel Pentium T4200 @ 2.00GHz	1149	1824	95.77	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1241	1776	NA	NA
Intel Pentium T4400 @ 2.20GHz	1282	1749	NA	NA
Intel Pentium T4500 @ 2.30GHz	1336	1713	NA	NA
Intel Pentium U5400 @ 1.20GHz	838	2012	NA	NA
Intel Pentium U5600 @ 1.33GHz	977	1928	NA	NA
Intel T1200 @ 1.50GHz	435	2251	NA	NA
Intel T1400 @ 1.73GHz	917	1971	NA	NA
Intel T1500 @ 1.86GHz	965	1935	NA	NA
Intel T2050 @ 2.00GHz	959	1948	NA	NA
Intel Xeon 1500MHz	193	2533	NA	NA
Intel Xeon 2.00GHz	233	2498	NA	NA
Intel XEON 2.20GHz	252	2477	NA	NA
Intel Xeon 2.40GHz	276	2450	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2250	NA	NA
Intel Xeon 2.80GHz	400	2291	NA	NA
Intel Xeon 3.00GHz	391	2302	NA	NA
Intel Xeon 3.06GHz	491	2186	NA	NA
Intel Xeon 3.20GHz	461	2219	NA	NA
Intel Xeon 3.40GHz	478	2205	NA	NA
Intel Xeon 3.60GHz	500	2181	0.59	\$851.00*
Intel Xeon 3.73GHz	1041	1881	NA	NA
Intel Xeon 3.80GHz	604	2120	0.71	\$851.00*
Intel Xeon 3040 @ 1.86GHz	1281	1751	51.16	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1311	1725	52.04	\$25.20*
Intel Xeon 3060 @ 2.40GHz	1518	1633	52.94	\$28.69*
Intel Xeon 3065 @ 2.33GHz	1504	1639	9.53	\$157.95*
Intel Xeon 3070 @ 2.66GHz	1776	1501	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1472	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1801	1492	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	1866	54.02	\$19.99*
Intel Xeon 5120 @ 1.86GHz	1249	1771	0.76	\$1,634.87*
Intel Xeon 5130 @ 2.00GHz	1379	1692	89.14	\$15.47*
Intel Xeon 5133 @ 2.20GHz	1598	1598	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1578	45.55	\$35.99*
Intel Xeon 5148 @ 2.33GHz	1590	1602	53.03	\$30.00*
Intel Xeon 5150 @ 2.66GHz	1743	1516	109.05	\$15.99*
Intel Xeon 5160 @ 3.00GHz	1964	1413	42.95	\$45.75*
Intel Xeon D-1518 @ 2.20GHz	4700	666	NA	NA
Intel Xeon D-1520 @ 2.20GHz	6396	459	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	404	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8612	288	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	207	27.96	NA
Intel Xeon D-1540 @ 2.00GHz	10573	155	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11220	136	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	322	NA	NA
Intel Xeon D-1567 @ 2.10GHz	15028	71	NA	NA



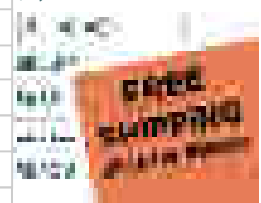
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1587 @ 1.70GHz	13489	100	NA	NA
Intel Xeon E3-1220 @ 3.10GHz	6086	487	11.94	\$509.95
Intel Xeon E3-1220 V2 @ 3.10GHz	6623	436	20.13	\$329.10
Intel Xeon E3-1220 v3 @ 3.10GHz	6963	408	28.98	\$240.27
Intel Xeon E3-1220 v5 @ 3.00GHz	7684	351	29.01	\$264.91
Intel Xeon E3-1220L @ 2.20GHz	3563	902	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4427	714	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1359	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5954	498	12.85	\$463.46
Intel Xeon E3-1225 V2 @ 3.20GHz	6833	414	20.10	\$339.95*
Intel Xeon E3-1225 v3 @ 3.20GHz	7152	390	18.65	\$383.62
Intel Xeon E3-1225 v5 @ 3.30GHz	7783	340	33.13	\$234.95
Intel Xeon E3-1225 v6 @ 3.30GHz	8157	313	34.72	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7550	358	17.96	\$420.52
Intel Xeon E3-1230 @ 3.20GHz	7939	333	18.54	\$428.35
Intel Xeon E3-1230 V2 @ 3.30GHz	8860	271	24.62	\$359.95
Intel Xeon E3-1230 v3 @ 3.30GHz	9324	240	35.26	\$264.48
Intel Xeon E3-1230 v5 @ 3.40GHz	9673	211	28.46	\$339.86*
Intel Xeon E3-1230 v6 @ 3.50GHz	11081	142	41.04	\$269.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7207	384	24.94	\$289.00
Intel Xeon E3-1231 v3 @ 3.40GHz	9631	213	22.74	\$423.57
Intel Xeon E3-1235 @ 3.20GHz	7680	352	26.76	\$287.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6352	464	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	8002	329	43.20	\$185.26
Intel Xeon E3-1240 V2 @ 3.40GHz	9209	247	17.06	\$539.95
Intel Xeon E3-1240 v3 @ 3.40GHz	9707	209	32.36	\$299.99*
Intel Xeon E3-1240 v5 @ 3.50GHz	10376	163	31.86	\$325.73
Intel Xeon E3-1240 v6 @ 3.70GHz	10561	156	34.41	\$306.96
Intel Xeon E3-1240L v3 @ 2.00GHz	7487	363	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7824	337	28.15	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10049	186	27.48	\$365.70
Intel Xeon E3-1245 @ 3.30GHz	8044	324	26.82	\$300.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9099	254	19.70	\$461.92*
Intel Xeon E3-1245 v3 @ 3.40GHz	9581	218	18.12	\$528.86
Intel Xeon E3-1245 v5 @ 3.50GHz	10325	166	30.54	\$338.09
Intel Xeon E3-1245 v6 @ 3.70GHz	9912	195	31.08	\$318.93
Intel Xeon E3-1246 v3 @ 3.50GHz	9906	196	11.69	\$847.05
Intel Xeon E3-1260L @ 2.40GHz	6534	443	20.22	\$323.17*
Intel Xeon E3-1260L v5 @ 2.90GHz	10067	183	31.15	\$323.17*
Intel Xeon E3-1265L @ 2.40GHz	6038	493	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7745	345	54.39	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	8713	281	12.27	\$709.95
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	336	NA	NA
Intel Xeon E3-1270 @ 3.40GHz	8239	307	17.91	\$459.99*
Intel Xeon E3-1270 V2 @ 3.50GHz	9478	225	41.27	\$229.70
Intel Xeon E3-1270 v3 @ 3.50GHz	9854	200	26.64	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10260	169	29.49	\$347.99
Intel Xeon E3-1270 v6 @ 3.80GHz	11374	132	32.04	\$240.27
Intel Xeon E3-1271 v3 @ 3.60GHz	10089	181	16.36	\$369.99*
Intel Xeon E3-1275 @ 3.40GHz	8348	301	22.87	\$347.99
Intel Xeon E3-1275 V2 @ 3.50GHz	9352	235	11.74	\$347.99
Intel Xeon E3-1275 v3 @ 3.50GHz	9859	199	24.59	\$347.99



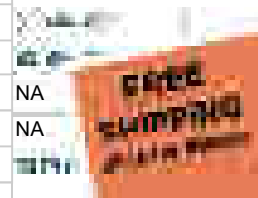
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1275 v5 @ 3.60GHz	10345	165	28.53	\$362.67*
Intel Xeon E3-1275 v6 @ 3.80GHz	11106	140	30.65	\$362.40
Intel Xeon E3-1275L v3 @ 2.70GHz	8588	290	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10221	172	22.51	\$454.11
Intel Xeon E3-1280 @ 3.50GHz	8473	296	7.78	\$1,089.13
Intel Xeon E3-1280 V2 @ 3.60GHz	9663	212	14.98	\$644.99*
Intel Xeon E3-1280 v3 @ 3.60GHz	9720	208	13.94	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10667	153	16.29	\$654.99*
Intel Xeon E3-1280 v6 @ 3.90GHz	11262	134	NA	NA
Intel Xeon E3-1281 v3 @ 3.70GHz	10359	164	11.80	\$877.75
Intel Xeon E3-1285 v3 @ 3.60GHz	10252	170	NA	NA
Intel Xeon E3-1285L v3 @ 3.10GHz	9934	192	10.92	\$909.99
Intel Xeon E3-1285L v4 @ 3.40GHz	11224	135	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9388	232	11.19	\$839.00*
Intel Xeon E3-1290 @ 3.60GHz	8704	282	9.84	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9862	198	11.14	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	396	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8973	265	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9965	191	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	158	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9229	245	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10762	150	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10581	154	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10708	152	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10136	177	NA	NA
Intel Xeon E3110 @ 3.00GHz	2169	1337	65.74	\$33.01*
Intel Xeon E3113 @ 3.00GHz	2427	1233	NA	NA
Intel Xeon E3120 @ 3.16GHz	2241	1311	NA	NA
Intel Xeon E5-1410 @ 2.80GHz	7312	379	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	6822	418	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5510	550	33.40	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6090	486	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6325	465	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5803	514	211.04	\$27.50*
Intel Xeon E5-1607 v2 @ 3.00GHz	6136	480	19.61	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6966	406	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7393	372	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9087	256	12.90	\$704.37
Intel Xeon E5-1620 v2 @ 3.70GHz	9510	223	28.91	\$329.00
Intel Xeon E5-1620 v3 @ 3.50GHz	9777	204	28.70	\$340.69
Intel Xeon E5-1620 v4 @ 3.50GHz	10035	187	33.56	\$298.99
Intel Xeon E5-1630 v3 @ 3.70GHz	10245	171	17.14	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10294	167	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11767	129	67.24	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12685	113	19.52	\$649.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13575	98	20.64	\$657.64
Intel Xeon E5-1650 v4 @ 3.60GHz	14276	81	21.75	\$656.34*
Intel Xeon E5-1660 @ 3.30GHz	12452	117	10.15	NA
Intel Xeon E5-1660 v2 @ 3.70GHz	13789	92	7.62	NA
Intel Xeon E5-1660 v3 @ 3.00GHz	14319	80	8.86	NA
Intel Xeon E5-1660 v4 @ 3.20GHz	16243	55	NA	NA
Intel Xeon E5-1680 v2 @ 3.00GHz	17102	39	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1680 v3 @ 3.20GHz	16673	45	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	16959	41	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18282	31	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3475	924	9.01	\$385.89
Intel Xeon E5-2403 v2 @ 1.80GHz	3492	917	15.67	\$222.84*
Intel Xeon E5-2407 @ 2.20GHz	3795	846	11.33	\$335.02*
Intel Xeon E5-2407 v2 @ 2.40GHz	4677	671	9.82	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	590	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7139	391	13.88	\$514.27
Intel Xeon E5-2420 v2 @ 2.20GHz	8570	291	16.97	\$504.95
Intel Xeon E5-2430 @ 2.20GHz	6878	413	15.42	\$446.02*
Intel Xeon E5-2430 v2 @ 2.50GHz	8608	289	32.21	\$267.27
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	435	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9319	241	19.31	\$482.68
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	229	14.50	\$650.20*
Intel Xeon E5-2450 @ 2.10GHz	10186	174	20.23	\$503.50*
Intel Xeon E5-2450L @ 1.80GHz	7389	374	113.68	\$65.00*
Intel Xeon E5-2470 @ 2.30GHz	10061	184	6.80	\$1,479.99*
Intel Xeon E5-2603 @ 1.80GHz	3570	901	16.57	\$215.54*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	855	11.28	\$333.95*
Intel Xeon E5-2603 v3 @ 1.60GHz	5140	601	23.37	\$219.95
Intel Xeon E5-2603 v4 @ 1.70GHz	5621	537	26.77	\$210.00*
Intel Xeon E5-2609 @ 2.40GHz	4604	685	42.34	\$108.75
Intel Xeon E5-2609 v2 @ 2.50GHz	5050	612	12.47	\$405.01
Intel Xeon E5-2609 v3 @ 1.90GHz	5934	500	17.98	\$329.99
Intel Xeon E5-2609 v4 @ 1.70GHz	6896	411	21.55	\$319.99*
Intel Xeon E5-2618L v3 @ 2.30GHz	12508	116	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	77	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7957	332	78.68	\$101.14
Intel Xeon E5-2620 v2 @ 2.10GHz	8681	283	20.24	\$428.88
Intel Xeon E5-2620 v3 @ 2.40GHz	9992	190	20.53	\$486.65*
Intel Xeon E5-2620 v4 @ 2.10GHz	11393	131	26.50	\$429.98
Intel Xeon E5-2623 v3 @ 3.00GHz	9133	251	16.11	\$566.84*
Intel Xeon E5-2623 v4 @ 2.60GHz	8061	321	14.68	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	231	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12405	118	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13041	107	9.56	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	10984	144	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8898	269	15.13	\$588.07*
Intel Xeon E5-2630 v2 @ 2.60GHz	10454	161	17.91	\$583.65
Intel Xeon E5-2630 v3 @ 2.40GHz	12843	110	18.62	\$689.90
Intel Xeon E5-2630 v4 @ 2.20GHz	13993	88	20.30	\$689.31
Intel Xeon E5-2630L @ 2.00GHz	7868	334	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	7767	342	10.33	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	109	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9476	226	8.70	\$1,089.70*
Intel Xeon E5-2637 v3 @ 3.50GHz	10281	168	7.93	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10052	185	8.85	
Intel Xeon E5-2640 @ 2.50GHz	9614	214	99.31	
Intel Xeon E5-2640 v2 @ 2.00GHz	9914	194	20.29	
Intel Xeon E5-2640 v3 @ 2.60GHz	13965	89	14.32	
Intel Xeon E5-2640 v4 @ 2.40GHz	15314	68	16.95	



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Intel Xeon E5-2643 @ 3.30GHz	8479	295	56.74	\$149.46
Intel Xeon E5-2643 v2 @ 3.50GHz	12324	122	5.60	\$2,200.00*
Intel Xeon E5-2643 v3 @ 3.40GHz	13852	91	5.52	\$2,509.95*
Intel Xeon E5-2643 v4 @ 3.40GHz	13395	101	6.35	\$2,108.90
Intel Xeon E5-2648L v3 @ 1.80GHz	12332	121	NA	NA
Intel Xeon E5-2648L v4 @ 1.80GHz	14026	86	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10155	175	98.66	\$102.93
Intel Xeon E5-2650 v2 @ 2.60GHz	13119	105	19.80	\$662.50
Intel Xeon E5-2650 v3 @ 2.30GHz	14924	73	14.08	\$1,059.99
Intel Xeon E5-2650 v4 @ 2.20GHz	16142	57	9.55	\$1,689.72*
Intel Xeon E5-2650L @ 1.80GHz	8676	284	109.83	\$79.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13248	103	13.12	\$1,010.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	133	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	224	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	84	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	53	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16290	54	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11144	138	100.19	\$111.24
Intel Xeon E5-2660 v2 @ 2.20GHz	13495	99	15.88	\$850.00*
Intel Xeon E5-2660 v3 @ 2.60GHz	16161	56	10.64	\$1,518.65
Intel Xeon E5-2660 v4 @ 2.00GHz	18816	28	12.00	\$1,568.27*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	87	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11802	128	83.41	\$141.50*
Intel Xeon E5-2667 @ 2.90GHz	10380	162	56.51	\$183.70*
Intel Xeon E5-2667 v2 @ 3.30GHz	16546	48	6.88	\$2,404.13*
Intel Xeon E5-2667 v3 @ 3.20GHz	16101	58	7.12	\$2,259.95*
Intel Xeon E5-2667 v4 @ 3.20GHz	16654	46	7.42	\$2,243.04
Intel Xeon E5-2670 @ 2.60GHz	12255	123	48.25	\$253.99
Intel Xeon E5-2670 v2 @ 2.50GHz	15060	70	29.59	\$508.99
Intel Xeon E5-2670 v3 @ 2.30GHz	16619	47	9.92	\$1,675.53
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	51	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16982	40	24.26	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21463	15	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15164	69	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17795	34	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	42	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25236	4	9.34	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12787	111	41.25	\$309.98
Intel Xeon E5-2680 v2 @ 2.80GHz	16303	52	26.73	\$609.98
Intel Xeon E5-2680 v3 @ 2.50GHz	18782	30	10.83	\$1,735.02
Intel Xeon E5-2680 v4 @ 2.40GHz	19946	23	11.31	\$1,762.90
Intel Xeon E5-2682 v4 @ 2.50GHz	15333	67	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17423	37	8.78	\$1,984.99*
Intel Xeon E5-2685 v3 @ 2.60GHz	14154	83	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	27	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14403	78	28.45	\$506.31*
Intel Xeon E5-2687W v2 @ 3.40GHz	16540	50	5.68	\$2,913.82
Intel Xeon E5-2687W v3 @ 3.10GHz	17804	33	7.40	
Intel Xeon E5-2687W v4 @ 3.00GHz	20107	21	8.60	
Intel Xeon E5-2689 @ 2.60GHz	13747	94	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19521	25	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	14052	85	37.47	



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Intel Xeon E5-2690 v2 @ 3.00GHz	16541	49	7.66	\$2,160.00
Intel Xeon E5-2690 v3 @ 2.60GHz	19323	26	9.64	\$2,005.00
Intel Xeon E5-2690 v4 @ 2.60GHz	21499	14	10.07	\$2,133.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	59	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15912	61	8.94	\$1,780.00
Intel Xeon E5-2695 v3 @ 2.30GHz	20374	19	8.31	\$2,451.42
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	20	7.76	\$2,609.84*
Intel Xeon E5-2696 v2 @ 2.50GHz	16681	44	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22484	9	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21438	16	13.32	\$1,610.00
Intel Xeon E5-2697 v2 @ 2.70GHz	17377	38	7.24	\$2,399.85
Intel Xeon E5-2697 v3 @ 2.60GHz	21590	13	6.86	\$3,145.25
Intel Xeon E5-2697 v4 @ 2.30GHz	21830	11	7.78	\$2,805.00
Intel Xeon E5-2698 v3 @ 2.30GHz	21149	18	7.48	\$2,826.57*
Intel Xeon E5-2698 v4 @ 2.20GHz	21789	12	6.75	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22645	8	5.95	\$3,805.02
Intel Xeon E5-2699 v4 @ 2.20GHz	23362	5	12.70	\$1,839.97
Intel Xeon E5-4603 @ 2.00GHz	5014	618	7.04	\$712.23*
Intel Xeon E5-4617 @ 2.90GHz	8855	272	98.51	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	318	20.32	\$399.95*
Intel Xeon E5-4627 v3 @ 2.60GHz	14219	82	5.92	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	63	NA	NA
Intel Xeon E5-4640 @ 2.40GHz	10523	157	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	112	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	141	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	12085	125	15.13	\$799.00*
Intel Xeon E5-4650L @ 2.60GHz	11821	127	NA	NA
Intel Xeon E5-4660 v3 @ 2.10GHz	18007	32	3.75	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	96	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1681	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1235	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1302	8.71	\$259.95*
Intel Xeon E5320 @ 1.86GHz	2272	1299	14.39	\$157.95*
Intel Xeon E5335 @ 2.00GHz	2513	1211	109.29	\$23.00*
Intel Xeon E5345 @ 2.33GHz	2944	1075	7.49	\$392.90*
Intel Xeon E5405 @ 2.00GHz	2886	1094	10.31	\$279.95*
Intel Xeon E5410 @ 2.33GHz	3268	974	100.53	\$32.51*
Intel Xeon E5420 @ 2.50GHz	3537	907	13.61	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3795	847	55.20	\$68.75*
Intel Xeon E5440 @ 2.83GHz	3997	801	34.17	\$116.98*
Intel Xeon E5450 @ 3.00GHz	4234	754	66.31	\$63.86
Intel Xeon E5462 @ 2.80GHz	3931	815	35.41	\$111.05*
Intel Xeon E5472 @ 3.00GHz	4203	762	17.69	\$237.60*
Intel Xeon E5502 @ 1.87GHz	1375	1694	14.48	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1685	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2734	1145	52.22	\$52.36*
Intel Xeon E5506 @ 2.13GHz	2994	1059	62.01	\$48.29
Intel Xeon E5507 @ 2.27GHz	3147	1015	6.89	\$11.95*
Intel Xeon E5520 @ 2.27GHz	4453	712	95.11	\$11.95*
Intel Xeon E5530 @ 2.40GHz	4605	684	18.51	\$11.95*
Intel Xeon E5540 @ 2.53GHz	4842	648	163.66	\$11.95*
Intel Xeon E5603 @ 1.60GHz	2364	1261	18.32	\$11.95*



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Intel Xeon E5606 @ 2.13GHz	3034	1046	45.98	\$65.99
Intel Xeon E5607 @ 2.27GHz	3439	934	24.39	\$141.00*
Intel Xeon E5620 @ 2.40GHz	4866	643	65.67	\$74.11
Intel Xeon E5630 @ 2.53GHz	5127	603	33.54	\$152.90*
Intel Xeon E5640 @ 2.67GHz	5311	583	86.98	\$61.06
Intel Xeon E5645 @ 2.40GHz	6544	442	82.84	\$79.00
Intel Xeon E5649 @ 2.53GHz	7051	401	33.59	\$209.95
Intel Xeon E7320 @ 2.13GHz	2413	1240	NA	NA
Intel Xeon Gold 6134 @ 3.20GHz	17670	36	7.60	\$2,323.99*
Intel Xeon Gold 6136 @ 3.00GHz	21313	17	NA	NA
Intel Xeon L3110 @ 3.00GHz	2273	1298	NA	NA
Intel Xeon L3360 @ 2.83GHz	3820	835	42.81	\$89.23*
Intel Xeon L3426 @ 1.87GHz	3837	830	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1481	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1300	20.65	\$109.99*
Intel Xeon L5310 @ 1.60GHz	2274	1297	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1350	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1137	22.65	\$121.69*
Intel Xeon L5408 @ 2.13GHz	2987	1062	NA	NA
Intel Xeon L5410 @ 2.33GHz	3367	953	33.65	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3498	914	32.69	\$107.01*
Intel Xeon L5430 @ 2.66GHz	3777	850	23.91	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	864	29.73	\$125.00*
Intel Xeon L5520 @ 2.27GHz	4387	725	39.90	\$109.95
Intel Xeon L5530 @ 2.40GHz	4351	732	NA	NA
Intel Xeon L5630 @ 2.13GHz	4420	718	4.02	\$1,099.96*
Intel Xeon L5638 @ 2.00GHz	5556	545	61.80	\$89.90*
Intel Xeon L5639 @ 2.13GHz	7021	403	NA	NA
Intel Xeon L5640 @ 2.27GHz	6451	454	117.31	\$55.00*
Intel Xeon L7455 @ 2.13GHz	3836	831	NA	NA
Intel Xeon MV 3.20GHz	683	2083	NA	NA
Intel Xeon Silver 4110 @ 2.10GHz	11423	130	22.36	\$511.00*
Intel Xeon Silver 4114 @ 2.20GHz	14598	76	20.74	\$704.00*
Intel Xeon W3503 @ 2.40GHz	1768	1505	27.21	\$64.99*
Intel Xeon W3505 @ 2.53GHz	1858	1465	NA	NA
Intel Xeon W3520 @ 2.67GHz	5061	610	12.53	\$403.90*
Intel Xeon W3530 @ 2.80GHz	5369	574	5.37	\$998.99*
Intel Xeon W3540 @ 2.93GHz	5479	558	15.22	\$359.95*
Intel Xeon W3550 @ 3.07GHz	5717	528	24.33	\$235.00*
Intel Xeon W3565 @ 3.20GHz	5948	499	85.05	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6165	477	12.85	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6398	458	29.83	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8195	309	27.78	\$295.00*
Intel Xeon W3680 @ 3.33GHz	9195	248	20.28	\$453.45
Intel Xeon W3690 @ 3.47GHz	9365	234	4.97	\$1,885.51*
Intel Xeon W5580 @ 3.20GHz	5836	513	57.25	\$101.95*
Intel Xeon W5590 @ 3.33GHz	6183	474	22.90	\$269.99*
Intel Xeon X3210 @ 2.13GHz	2767	1130	18.45	\$100.08*
Intel Xeon X3220 @ 2.40GHz	3109	1024	53.63	\$100.08*
Intel Xeon X3230 @ 2.66GHz	3442	933	9.56	\$100.08*
Intel Xeon X3320 @ 2.50GHz	3335	957	14.53	\$100.08*
Intel Xeon X3323 @ 2.50GHz	3170	1006	44.66	\$100.08*



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Intel Xeon X3330 @ 2.66GHz	3534	910	16.83	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3876	826	64.62	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3925	817	58.94	\$66.61*
Intel Xeon X3360 @ 2.83GHz	3985	805	70.33	\$56.67*
Intel Xeon X3363 @ 2.83GHz	4043	790	48.71	\$83.00*
Intel Xeon X3370 @ 3.00GHz	4335	735	11.81	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4697	667	NA	NA
Intel Xeon X3430 @ 2.40GHz	3376	948	16.32	\$206.90*
Intel Xeon X3440 @ 2.53GHz	4557	697	29.40	\$155.01*
Intel Xeon X3450 @ 2.67GHz	4878	641	37.52	\$130.00*
Intel Xeon X3460 @ 2.80GHz	5117	605	67.78	\$75.50*
Intel Xeon X3470 @ 2.93GHz	5195	592	13.78	\$377.00*
Intel Xeon X3480 @ 3.07GHz	5732	527	NA	NA
Intel Xeon X5260 @ 3.33GHz	2458	1226	17.65	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2524	1206	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1248	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3274	970	51.16	\$64.00
Intel Xeon X5365 @ 3.00GHz	3491	918	26.08	\$133.84*
Intel Xeon X5450 @ 3.00GHz	4166	773	69.58	\$59.88
Intel Xeon X5460 @ 3.16GHz	4377	728	87.70	\$49.91
Intel Xeon X5470 @ 3.33GHz	4671	672	46.74	\$99.95*
Intel Xeon X5472 @ 3.00GHz	4036	792	17.94	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4581	690	41.67	\$109.95*
Intel Xeon X5492 @ 3.40GHz	4840	650	3.48	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5416	567	17.53	\$308.95*
Intel Xeon X5560 @ 2.80GHz	5426	565	123.85	\$43.82*
Intel Xeon X5570 @ 2.93GHz	5679	530	117.10	\$48.50
Intel Xeon X5647 @ 2.93GHz	5980	495	34.17	\$175.00*
Intel Xeon X5650 @ 2.67GHz	7480	364	149.62	\$50.00
Intel Xeon X5660 @ 2.80GHz	7752	344	80.82	\$95.92
Intel Xeon X5667 @ 3.07GHz	4722	662	47.27	\$99.90*
Intel Xeon X5670 @ 2.93GHz	8002	330	123.30	\$64.90
Intel Xeon X5672 @ 3.20GHz	6476	450	56.26	\$115.12*
Intel Xeon X5675 @ 3.07GHz	8529	292	44.90	\$189.98
Intel Xeon X5677 @ 3.47GHz	6963	407	19.90	\$350.00*
Intel Xeon X5679 @ 3.20GHz	8652	287	NA	NA
Intel Xeon X5680 @ 3.33GHz	8735	280	56.20	\$155.44
Intel Xeon X5687 @ 3.60GHz	7123	394	46.25	\$154.01*
Intel Xeon X5690 @ 3.47GHz	9019	261	51.55	\$174.98
Intel Xeon X5698 @ 4.40GHz	4272	748	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1063	NA	NA
Mobile AMD Athlon 1400+	266	2461	NA	NA
Mobile AMD Athlon 2500+	370	2324	NA	NA
Mobile AMD Athlon 4	314	2383	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2338	NA	NA
Mobile AMD Athlon 64 2700+	398	2292	NA	NA
Mobile AMD Athlon 64 2800+	440	2241	NA	NA
Mobile AMD Athlon 64 3000+	450	2232	NA	NA
Mobile AMD Athlon 64 3200+	448	2235	NA	NA
Mobile AMD Athlon 64 3400+	511	2173	NA	NA
Mobile AMD Athlon 64 3700+	435	2252	NA	NA
Mobile AMD Athlon 64 4000+	576	2132	NA	NA



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Mobile AMD Athlon MP-M 1800+	265	2462	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2314	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2415	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2185	NA	NA
Mobile AMD Athlon XP	572	2137	48.53	\$11.79*
Mobile AMD Athlon XP-M	512	2171	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2178	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2423	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2414	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2362	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2321	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2208	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2179	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2543	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2467	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2470	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2371	NA	NA
Mobile AMD Athlon XP-M 1800+	312	2387	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2356	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2407	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2334	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2352	NA	NA
Mobile AMD Athlon XP-M 2500+	351	2346	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2323	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2331	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2330	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2242	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2194	NA	NA
Mobile AMD Sempron 2100+	252	2478	NA	NA
Mobile AMD Sempron 2600+	394	2298	NA	NA
Mobile AMD Sempron 2800+	358	2339	NA	NA
Mobile AMD Sempron 3000+	389	2306	NA	NA
Mobile AMD Sempron 3100+	416	2266	NA	NA
Mobile AMD Sempron 3200+	354	2343	NA	NA
Mobile AMD Sempron 3300+	444	2238	NA	NA
Mobile AMD Sempron 3400+	443	2240	NA	NA
Mobile AMD Sempron 3500+	411	2271	NA	NA
Mobile AMD Sempron 3600+	429	2258	NA	NA
Mobile AMD Sempron 3800+	517	2167	NA	NA
Mobile Intel Celeron 1.20GHz	170	2552	NA	NA
Mobile Intel Celeron 1.50GHz	188	2536	NA	NA
Mobile Intel Celeron 1.60GHz	188	2537	NA	NA
Mobile Intel Celeron 1.70GHz	181	2546	NA	NA
Mobile Intel Celeron 1.80GHz	186	2540	NA	NA
Mobile Intel Celeron 1200MHz	294	2416	NA	NA
Mobile Intel Celeron 1333MHz	309	2393	NA	NA
Mobile Intel Celeron 2.00GHz	204	2525	NA	NA
Mobile Intel Celeron 2.20GHz	226	2505	NA	NA
Mobile Intel Celeron 2.40GHz	239	2492	NA	NA
Mobile Intel Celeron 2.50GHz	281	2441	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2531	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2551	0.90	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 - M 1.80GHz	186	2539	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2500	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2527	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	209	2520	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2515	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2472	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2384	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2447	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2464	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2445	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2381	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2361	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2340	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2243	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2206	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2482	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2420	NA	NA
Mobile Intel Pentium III - M 1200MHz	263	2465	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2421	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2517	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2529	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1213	NA	NA
Quad-Core AMD Opteron 1385	3442	932	63.75	\$54.00
Quad-Core AMD Opteron 1389	3308	966	NA	NA
VIA C3 Ezra	100	2579	NA	NA
VIA C7 1500MHz	284	2435	NA	NA
VIA C7-D 1500MHz	287	2428	NA	NA
VIA C7-D 1800MHz	201	2528	NA	NA
VIA C7-D 2000MHz	368	2326	NA	NA
VIA C7-M 1000MHz	164	2555	NA	NA
VIA C7-M 1200MHz	140	2567	NA	NA
VIA C7-M 1600MHz	178	2548	NA	NA
VIA C7-M 6300MHz	222	2507	NA	NA
VIA Eden 1200MHz	142	2566	NA	NA
VIA Eden 800MHz	155	2559	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2204	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	1828	NA	NA
VIA Esther 1000MHz	169	2553	NA	NA
VIA Esther 1300MHz	250	2481	NA	NA
VIA Esther 1500MHz	219	2510	NA	NA
VIA Esther 2000MHz	394	2297	NA	NA
VIA Nano L1900@1400MHz	457	2224	NA	NA
VIA Nano L2007@1600MHz	381	2311	NA	NA
VIA Nano L2100@1800MHz	428	2260	NA	NA
VIA Nano L2207@1600MHz	296	2413	NA	NA
VIA Nano L3025@1600MHz	517	2168	NA	NA
VIA Nano L3050@1800MHz	581	2130	NA	NA
VIA Nano L3600@2000MHz	645	2098	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2315	NA	NA
VIA Nano U2250@1300+MHz	274	2454	NA	NA
VIA Nano U2500@1200MHz	306	2397	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2180	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano U3300@1200MHz	409	2274	NA	NA
VIA Nano U3500@1000MHz	275	2451	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2118	NA	NA
VIA Nehemiah	155	2560	NA	NA
VIA QuadCore C4650@2.0GHz	1940	1426	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1703	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1809	NA	NA
VIA Samuel 2	79	2581	NA	NA

* - Last price seen from our affiliates.

Altaro VM Backup for MSPs

Altaro VM Backup for MSPs is a powerful backup solution for MSPs. It allows you to backup and restore virtual machines from various hypervisors. The software is easy to use and provides a comprehensive set of features for managing your backup environment.



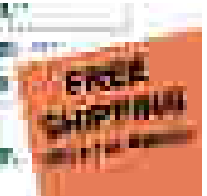
Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Athlon 64 FX-72	3163	313	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2947	319	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	362	NA	NA
[Dual CPU] AMD EPYC 7551	30966	5	NA	NA
[Dual CPU] AMD Opteron 2212	2203	341	91.79	\$24.00
[Dual CPU] AMD Opteron 2214 HE	2463	334	NA	NA
[Dual CPU] AMD Opteron 2216	2485	333	6.98	\$356.00*
[Dual CPU] AMD Opteron 2216 HE	2593	331	NA	NA
[Dual CPU] AMD Opteron 2218	2719	329	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	332	NA	NA
[Dual CPU] AMD Opteron 2220	2850	323	0.97	\$2,950.32
[Dual CPU] AMD Opteron 2220 SE	2882	321	75.84	\$38.00
[Dual CPU] AMD Opteron 2222	2951	318	0.89	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	311	116.32	\$28.00
[Dual CPU] AMD Opteron 2346 HE	4095	301	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3501	308	7.42	\$471.66*
[Dual CPU] AMD Opteron 2350	4090	302	7.57	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	291	6.88	\$664.02*
[Dual CPU] AMD Opteron 2356	4487	293	150.07	\$29.90
[Dual CPU] AMD Opteron 2360 SE	5315	275	189.82	\$28.00
[Dual CPU] AMD Opteron 2374 HE	4799	288	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	276	174.60	\$30.00*
[Dual CPU] AMD Opteron 2378	5559	271	15.53	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	263	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	260	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6441	247	NA	NA
[Dual CPU] AMD Opteron 2389	5728	264	10.12	\$566.00
[Dual CPU] AMD Opteron 2419	5191	279	25.96	\$199.98*
[Dual CPU] AMD Opteron 2425 HE	6209	253	NA	NA
[Dual CPU] AMD Opteron 2427	5980	258	31.43	
[Dual CPU] AMD Opteron 2431	6733	241	90.99	
[Dual CPU] AMD Opteron 2435	7184	230	29.83	
[Dual CPU] AMD Opteron 2439 SE	8071	205	44.84	
[Dual CPU] AMD Opteron 246	1130	351	11.30	
[Dual CPU] AMD Opteron 248	1053	352	43.88	

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 250	1438	348	65.36	\$22.00
[Dual CPU] AMD Opteron 252	1385	349	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	357	NA	NA
[Dual CPU] AMD Opteron 256	1853	345	NA	NA
[Dual CPU] AMD Opteron 270	2226	340	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	343	9.70	\$219.90
[Dual CPU] AMD Opteron 280	2452	335	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	328	NA	NA
[Dual CPU] AMD Opteron 290	2807	325	10.40	\$270.00*
[Dual CPU] AMD Opteron 4122	4076	303	16.31	\$249.98
[Dual CPU] AMD Opteron 4130	5651	266	9.15	\$617.90
[Dual CPU] AMD Opteron 4170 HE	6344	249	9.33	\$679.90
[Dual CPU] AMD Opteron 4184	7848	212	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	203	8.64	\$936.14*
[Dual CPU] AMD Opteron 4228 HE	7986	207	NA	NA
[Dual CPU] AMD Opteron 4234	9361	175	15.57	\$601.40*
[Dual CPU] AMD Opteron 4276 HE	9681	169	NA	NA
[Dual CPU] AMD Opteron 4280	4525	292	4.96	\$912.88*
[Dual CPU] AMD Opteron 4284	7833	213	10.96	\$714.60*
[Dual CPU] AMD Opteron 4334	9468	173	21.87	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	149	NA	NA
[Dual CPU] AMD Opteron 4376 HE	10244	155	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	138	15.01	\$757.04*
[Dual CPU] AMD Opteron 6128	6881	239	47.09	\$146.12*
[Dual CPU] AMD Opteron 6128 HE	5582	269	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	195	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	189	NA	NA
[Quad CPU] AMD Opteron 6136	9767	167	6.80	\$1,436.00
[Dual CPU] AMD Opteron 6136	7255	227	10.10	\$718.00
[Dual CPU] AMD Opteron 6164 HE	5109	281	NA	NA
[Dual CPU] AMD Opteron 6168	7741	216	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7664	220	18.25	\$419.90
[Dual CPU] AMD Opteron 6174	8776	187	2.90	\$3,028.40
[Dual CPU] AMD Opteron 6176 SE	8086	204	14.65	\$552.00*
[Dual CPU] AMD Opteron 6180 SE	3114	314	NA	NA
[Dual CPU] AMD Opteron 6204	7134	232	NA	NA
[Dual CPU] AMD Opteron 6212	8955	180	21.37	\$419.00*
[Dual CPU] AMD Opteron 6220	10402	151	29.69	\$350.40*
[Dual CPU] AMD Opteron 6234	10504	145	13.13	\$799.98*
[Dual CPU] AMD Opteron 6238	10349	152	4.76	\$2,176.22*
[Dual CPU] AMD Opteron 6272	10026	160	15.42	\$650.00*
[Quad CPU] AMD Opteron 6272	10243	156	7.88	\$1,300.00*
[Quad CPU] AMD Opteron 6274	10488	146	2.88	\$3,635.80
[Dual CPU] AMD Opteron 6274	10682	143	5.88	\$1,817.90
[Dual CPU] AMD Opteron 6275	9936	164	NA	NA
[Dual CPU] AMD Opteron 6276	10194	158	20.89	\$488.00
[Quad CPU] AMD Opteron 6276	15342	95	15.72	\$976.00
[Quad CPU] AMD Opteron 6278	12055	124	4.35	\$1,000.00*
[Dual CPU] AMD Opteron 6284 SE	11985	125	NA	NA
[Dual CPU] AMD Opteron 6308	8351	194	8.24	\$1,000.00*
[Dual CPU] AMD Opteron 6320	10914	141	19.56	\$1,000.00*
[Dual CPU] AMD Opteron 6328	11556	134	11.33	\$1,000.00*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6344	11178	139	14.37	\$778.00
[Dual CPU] AMD Opteron 6348	11412	137	9.21	\$1,239.36
[Quad CPU] AMD Opteron 6376	14681	100	5.35	\$2,743.96
[Dual CPU] AMD Opteron 6376	10405	150	7.58	\$1,371.98
[Dual CPU] AMD Opteron 6378	2905	320	3.64	\$798.00
[Dual CPU] AMD Opteron 6380	14200	104	18.21	\$779.72
[Dual CPU] AMD Opteron 6386 SE	10764	142	2.24	\$4,815.02*
[Dual CPU] AMD Opteron 8218	2831	324	117.96	\$24.00
[Dual CPU] AMD Opteron 8222 SE	2793	327	0.52	\$5,377.08
[Dual CPU] AMD Opteron 8354	3223	312	134.29	\$24.00
[Quad CPU] AMD Opteron 8360 SE	7915	210	94.23	\$84.00*
[Dual CPU] AMD Opteron 8380	5643	267	13.70	\$412.00*
[Dual CPU] AMD Opteron 8381 HE	5210	278	NA	NA
[Quad CPU] AMD Opteron 8382	8553	191	10.74	\$796.00
[Dual CPU] AMD Opteron 8389	6517	245	12.23	\$532.82*
[Quad CPU] AMD Opteron 8425 HE	7359	226	NA	NA
[Dual CPU] AMD Opteron 8431	5813	262	20.04	\$290.00*
[Quad CPU] AMD Opteron 8431	8252	198	14.23	\$580.00*
[Quad CPU] AMD Opteron 8435	7099	233	17.93	\$395.96
[Dual CPU] AMD Opteron 8435	7606	222	38.42	\$197.98
[Dual CPU] AMD Opteron 8439 SE	7722	218	NA	NA
[Quad CPU] AMD Opteron 8439 SE	8943	182	NA	NA
[Dual CPU] AMD Opteron 885	2851	322	NA	NA
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	350	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	338	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	307	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	8220	201	2.28	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	371	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	369	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	365	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	367	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	372	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	373	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	370	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	481	368	26.43	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	363	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	672	359	NA	NA
[Quad CPU] Intel Xeon 3.00GHz	1472	347	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	784	358	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	361	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	856	356	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	310	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	894	355	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	925	354	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1861	344	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	998	353	0.59	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2170	342	54.28	NA
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	337	0.71	NA
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2617	330	84.58	NA
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	315	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2997	317	41.64	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	316	49.98	\$60.00*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3455	309	108.04	\$31.98*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3859	305	42.17	\$91.50*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	5988	257	7.76	\$771.78
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	250	14.14	\$445.68*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7387	225	11.02	\$670.04*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11832	127	11.50	\$1,028.54
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11725	130	11.61	\$1,009.90
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	196	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	110	15.29	\$892.04*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	14265	103	26.69	\$534.54
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	119	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	108	13.62	\$1,007.00*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11866	126	91.28	\$130.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	89	5.61	\$2,959.98*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	75	4.13	\$4,500.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6280	252	14.57	\$431.08*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	244	9.76	\$667.90*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8362	193	19.01	\$439.90
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8802	186	20.96	\$420.00*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8230	200	37.84	\$217.50
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8638	190	10.66	\$810.02
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9920	165	15.03	\$659.98
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10962	140	17.13	\$639.98*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12554	117	62.06	\$202.28
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13471	114	15.70	\$857.76
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15305	96	15.72	\$973.30*
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16777	87	19.51	\$859.96
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14108	105	12.44	\$1,133.68*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	11690	131	10.65	\$1,098.00*
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13670	109	11.62	\$1,176.14*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16272	90	13.94	\$1,167.30
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18587	74	13.47	\$1,379.80
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18807	73	13.64	\$1,378.62
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	10641	144	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	111	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15176	97	10.09	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	16162	91	7.42	\$2,179.40*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16734	88	6.46	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16860	85	7.42	\$2,272.00*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14772	99	76.29	\$193.62
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14495	101	14.83	\$977.24
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20691	59	10.61	\$1,950.48*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	21356	53	11.82	\$1,807.28
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13587	113	45.45	\$298.92
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21260	54	4.83	\$4,400.00*
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	20940	57	4.17	\$5,019.90*
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21592	51	5.12	
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	120	NA	NA
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15063	98	73.17	
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19144	72	14.45	
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20474	61	9.66	



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20409	62	6.04	\$3,379.44*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	102	91.04	\$158.00
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	12577	116	12.59	\$998.98*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	58	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18096	78	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16799	86	75.51	\$222.48
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	19256	70	11.33	\$1,700.00*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22733	44	7.48	\$3,037.30
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23032	40	7.34	\$3,136.54*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	36	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17648	80	62.36	\$283.00*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	23	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17014	83	46.31	\$367.40*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	23077	39	4.80	\$4,808.26*
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23207	37	5.13	\$4,519.90*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	24773	25	5.52	\$4,486.08
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18303	76	36.03	\$507.98
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	21846	48	21.46	\$1,017.98
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22360	47	6.67	\$3,351.06
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23077	38	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	22959	43	16.40	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	10	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	66	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21820	49	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	9	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18290	77	29.50	\$619.96
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	22982	42	18.84	\$1,219.96
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	25272	21	7.28	\$3,470.04
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	35	6.63	\$3,525.80
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21758	50	5.48	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24709	26	6.50	\$3,799.98*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	23025	41	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	25701	19	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21178	56	20.91	\$1,012.62*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	24193	29	4.15	\$5,827.64
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24631	27	5.12	\$4,809.38*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26743	15	5.72	\$4,674.00*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	20362	63	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26470	16	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	20360	64	27.15	\$750.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23979	31	5.55	\$4,320.00
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	26045	18	6.50	\$4,010.00
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27897	12	6.54	\$4,267.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20304	65	5.70	\$3,560.00
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24947	22	5.09	\$4,902.84
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	20	4.91	\$5,219.68*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23914	32	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30414	7	6.09	
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	32168	3	9.99	
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23645	33	4.93	
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28374	11	4.51	
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30520	6	5.44	



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	27280	14	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29958	8	5.30	\$5,653.14*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	33192	2	5.14	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	30	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	24819	24	3.26	\$7,610.04
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34330	1	9.33	\$3,679.94
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	60	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	84	46.92	\$359.60*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	69	NA	NA
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	28	NA	NA
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	71	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19588	68	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	52	6.69	\$3,196.00*
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19753	67	12.36	\$1,598.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	45	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	13	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	339	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	304	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3564	306	6.86	\$519.90*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4157	300	13.16	\$315.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	284	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4594	290	99.87	\$46.00*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5150	280	6.55	\$785.80*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5214	277	9.31	\$559.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6069	255	93.34	\$65.02*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6418	248	12.34	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6900	238	50.18	\$137.50*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7244	228	30.96	\$233.96*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7613	221	59.61	\$127.72
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7232	229	32.56	\$222.10*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7850	211	16.52	\$475.20*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2425	336	12.76	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	326	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4912	285	46.91	\$104.72*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5062	282	52.41	\$96.58
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5432	273	5.94	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7438	224	79.43	\$93.64*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7740	217	15.55	\$497.70
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	8004	206	135.25	\$59.18
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4236	298	16.41	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5579	270	42.27	\$131.98
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	6003	256	21.29	\$282.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8197	202	55.30	\$148.22
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8412	192	27.51	\$305.80*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8912	183	72.98	\$122.12
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10432	147	66.03	\$158.00
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10423	148	24.82	\$419.90
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	82	107.96	
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	17541	81	2.92	
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	11752	129	2.59	
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	122	44.98	
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	93	NA	NA

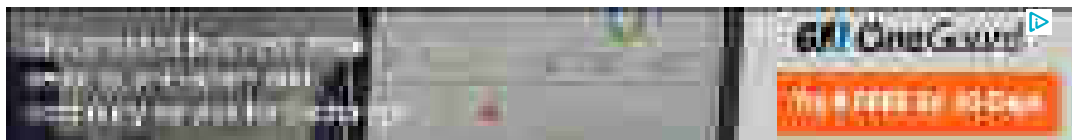


CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	92	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	46	1.81	\$12,400.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	4	NA	NA
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	235	20.65	\$340.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	272	87.81	\$62.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	215	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	157	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9444	174	13.18	\$716.76*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	178	8.00	\$1,129.68*
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	55	NA	NA
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	23396	34	6.89	\$3,394.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	26349	17	NA	NA
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	294	20.32	\$219.98*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	297	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	286	20.10	\$243.38*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	268	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6163	254	30.79	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6499	246	30.37	\$214.02*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6600	242	20.89	\$315.90*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	237	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	7001	236	31.84	\$219.90
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	208	NA	NA
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7054	234	3.21	\$2,199.92*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	181	49.79	\$179.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9618	170	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9882	166	89.84	\$110.00*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	168	NA	NA
[Dual CPU] Intel Xeon MP 2.50GHz	550	364	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	366	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	636	360	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1538	346	NA	NA
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	159	49.58	\$203.90*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10343	153	19.15	\$539.98*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	154	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4795	289	17.22	\$278.48*
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	287	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5850	261	45.70	\$128.00
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6288	251	23.49	\$267.68*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7533	223	62.90	\$119.76
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7920	209	79.34	\$99.82
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8251	199	41.28	\$199.90*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7783	214	17.30	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8312	197	37.80	\$219.90*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8888	184	3.19	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9073	177	14.68	\$617.90*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9119	176	104.05	\$87.64*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9601	171	98.98	\$97.00
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9939	162	28.40	
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11503	135	115.03	
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11815	128	61.59	
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	185	44.13	
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12496	118	96.27	



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	9999	161	43.43	\$230.24*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12728	115	33.50	\$379.96
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11586	133	16.55	\$700.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	112	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13765	107	44.28	\$310.88
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	12090	123	39.25	\$308.02*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	14081	106	40.24	\$349.96
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8974	179	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	172	66.28	\$143.96*
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	243	91.61	\$71.98*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12250	121	28.95	\$423.20*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	188	41.21	\$211.60*
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	219	24.17	\$317.40*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	163	18.07	\$550.00*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	136	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	94	17.99	\$856.96*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	79	10.30	\$1,713.92*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	132	27.14	\$428.48*
[Dual CPU] Quad-Core AMD Opteron 2352	4232	299	9.62	\$440.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	283	15.28	\$330.00*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	296	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	295	199.09	\$21.98
[Quad CPU] Quad-Core AMD Opteron 8356	7170	231	163.10	\$43.96
[Dual CPU] Quad-Core AMD Opteron 8378	5382	274	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	240	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	265	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	259	NA	NA

* - Last price seen from our affiliates.



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