



CPU Benchmarks

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CPU List

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

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Single CPU Systems

Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	289	2670	NA	NA
AMD A4 Micro-6400T APU	1544	1864	NA	NA
AMD A4 PRO-3340B	2402	1473	NA	NA
AMD A4 PRO-7300B APU	2372	1485	NA	NA
AMD A4 PRO-7350B	2227	1545	NA	NA
AMD A4-1200 APU	635	2350	NA	NA
AMD A4-1250 APU	618	2358	NA	NA
AMD A4-3300 APU	1501	1887	50.07	\$29.99*
AMD A4-3300M APU	1185	2050	39.54	\$29.99*
AMD A4-3305M APU	1220	2030	39.81	\$30.81*
AMD A4-3310MX APU	1280	1997	NA	NA
AMD A4-3320M APU	1253	2012	36.99	\$33.90*
AMD A4-3330MX APU	1212	2035	NA	NA
AMD A4-3400 APU	1584	1846	18.13	\$87.85*
AMD A4-3420 APU	1670	1802	NA	NA
AMD A4-4000 APU	1827	1723	60.94	\$29.99*
AMD A4-4020 APU	1921	1672	22.35	\$86.00*
AMD A4-4300M APU	1608	1836	40.36	\$39.86*
AMD A4-4355M APU	1175	2055	NA	NA
AMD A4-5000 APU	1913	1677	NA	NA
AMD A4-5050 APU	2113	1589	NA	NA

AMD A6-9220	2164	1567	NA	NA
AMD A6-9220e	1608	1837	NA	NA
AMD A6-9225	2151	1572	NA	NA
AMD A6-9230	2102	1585	NA	NA
AMD A6-9500	3040	1254	50.69	\$59.99
AMD A6-9500E	2889	1311	47.37	\$69.99
AMD A8 PRO-7150B APU	2654	1380	NA	NA
AMD A8 PRO-7600B APU	4771	848	NA	NA
AMD A8-3500M APU	1972	1647	28.20	\$69.95*
AMD A8-3510MX APU	2370	1486	NA	NA
AMD A8-3520M APU	2172	1583	NA	NA
AMD A8-3530MX APU	2365	1490	NA	NA
AMD A8-3550MX APU	2610	1393	NA	NA
AMD A8-3800 APU	3022	1257	53.04	\$56.99*
AMD A8-3820 APU	3104	1232	24.84	\$124.99*
AMD A8-3850 APU	3466	1128	32.81	\$106.68*
AMD A8-3870K APU	3543	1107	70.88	\$49.99*
AMD A8-4500M APU	2665	1377	NA	NA
AMD A8-4555M APU	2118	1587	NA	NA
AMD A8-5500 APU	3992	999	70.66	\$66.50*
AMD A8-5500B APU	3993	998	NA	NA
AMD A8-5545M APU	2586	1404	NA	NA
AMD A8-5550M APU	3006	1264	NA	NA
AMD A8-5557M APU	2968	1278	NA	NA
AMD A8-5600K APU	4345	932	18.05	\$228.50*
AMD A8-6410 APU	2571	1411	NA	NA
AMD A8-6500 APU	4394	922	46.26	\$94.99*
AMD A8-6500B APU	4612	876	NA	NA
AMD A8-6500T APU	3221	1193	NA	NA
AMD A8-6600K APU	4585	883	47.27	\$96.99*
AMD A8-7050	1986	1641	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A9-7100 APU	2806	1335	NA	NA
AMD A9-7200P	3319	1164	NA	NA
AMD A9-7410 APU	2736	1359	NA	NA
AMD A9-7600 APU	5072	785	63.41	\$79.99*
AMD A9-7650K	4925	823	54.75	\$89.96*
AMD A9-7670K	5078	784	31.52	\$111.10*
AMD A9-7630	5335	750	88.94	\$59.99
AMD A9-8600P	3248	1183	NA	NA
AMD A9-8650	5470	724	NA	NA
AMD A9-9600	4998	808	73.51	\$67.89
AMD A9-9400	2319	1500	NA	NA
AMD A9-9410	2556	1416	NA	NA
AMD A9-9420	2342	1494	NA	NA
AMD A9-9420e	1883	1696	NA	NA
AMD A9-9425	2601	1397	NA	NA
AMD A9-9430	2524	1425	NA	NA
AMD A10 Micro-6700T APU	1970	1648	NA	NA

AMD A4-5100 APU	2037	1620	NA	NA
AMD A4-5150M APU	1844	1713	NA	NA
AMD A4-5300 APU	2013	1630	12.21	\$164.89*
AMD A4-5300B APU	2134	1577	56.17	\$38.00*
AMD A4-5210 APU	2164	1566	NA	NA
AMD A4-6250J APU	2556	1417	NA	NA
AMD A4-6300 APU	2216	1548	42.21	\$52.60*
AMD A4-6300B APU	2129	1583	21.30	\$100.00*
AMD A4-6320 APU	2329	1495	33.29	\$69.99*
AMD A4-7210 APU	2515	1432	NA	NA
AMD A4-7300 APU	2297	1511	24.19	\$94.99*
AMD A4-8120	1991	1638	NA	NA
AMD A4-9125	2075	1607	NA	NA
AMD A6 Micro-6500T APU	1834	1720	NA	NA
AMD A6 PRO-7050B APU	1618	1833	NA	NA
AMD A6 PRO-7400B	2608	1394	NA	NA
AMD A6-1450 APU	1532	1869	NA	NA
AMD A6-3400M APU	1884	1685	62.86	\$29.97*
AMD A6-3410MX APU	2053	1615	514.77	\$3.99*
AMD A6-3420M APU	2000	1634	NA	NA
AMD A6-3430MX APU	2199	1557	NA	NA
AMD A6-3500 APU	2012	1632	50.32	\$39.99*
AMD A6-3600 APU	2703	1367	117.61	\$22.89*
AMD A6-3620 APU	2797	1336	46.64	\$69.99*
AMD A6-3650 APU	3152	1219	98.54	\$31.99*
AMD A6-3670 APU	3170	1208	22.64	\$140.00*
AMD A6-4400M APU	1638	1822	206.01	\$7.99*
AMD A6-4455M APU	1285	1993	NA	NA
AMD A6-5200 APU	2430	1461	NA	NA

AMD A10 PRO-7350B APU	3171	1207	NA	NA
AMD A10 PRO-7800B APU	5057	792	NA	NA
AMD A10 PRO-7850B APU	5380	738	NA	NA
AMD A10-4600M APU	3113	1230	NA	NA
AMD A10-4655M APU	2600	1398	NA	NA
AMD A10-4657M APU	2906	1299	NA	NA
AMD A10-5700 APU	4213	958	65.32	\$64.90*
AMD A10-5745M APU	2764	1348	NA	NA
AMD A10-5750M APU	3348	1160	NA	NA
AMD A10-5757M APU	3082	1238	NA	NA
AMD A10-5900B APU	4625	873	NA	NA
AMD A10-5800K APU	4637	867	15.40	\$301.11*
AMD A10-6700 APU	4607	879	39.38	\$116.99*
AMD A10-6700T APU	3693	1073	25.02	\$147.61*
AMD A10-6790K APU	4712	855	49.62	\$94.99*
AMD A10-6800B APU	4991	809	NA	NA
AMD A10-6800K APU	4860	833	16.94	\$286.85*
AMD A10-7300 APU	2907	1298	NA	NA
AMD A10-7400P	3603	1089	NA	NA
AMD A10-7700K APU	5122	776	14.77	\$346.70*
AMD A10-7800 APU	4984	810	48.21	\$103.39*
AMD A10-7850K APU	5471	723	18.83	\$290.69*
AMD A10-7860K	5064	780	28.94	\$175.00*
AMD A10-7870K	5472	721	24.11	\$226.99*
AMD A10-7890K	5702	693	28.51	\$189.99*
AMD A10-8700P	3445	1132	NA	NA
AMD A10-8750	5072	786	NA	NA
AMD A10-8850	5598	708	NA	NA
AMD A10-8800P	3780	1046	NA	NA
AMD A10-8620P	3703	1068	NA	NA
AMD A10-9630P	4487	904	NA	NA
AMD A10-9700	5431	729	60.36	\$89.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5345M APU	1476	1897	NA	NA
AMD A6-5350M APU	1916	1675	44.44	\$43.12*
AMD A6-5357M APU	1941	1661	NA	NA
AMD A6-6400B APU	2221	1547	21.15	\$105.04*
AMD A6-5400K APU	2153	1570	16.57	\$129.95*
AMD A6-6310 APU	2453	1454	NA	NA
AMD A6-6400B APU	2281	1521	NA	NA
AMD A6-6400K APU	2306	1506	16.49	\$139.95*
AMD A6-6420B APU	2612	1392	NA	NA
AMD A6-6420K APU	2372	1484	15.82	\$149.99*
AMD A6-7000	1667	1805	NA	NA
AMD A6-7310 APU	2663	1379	NA	NA
AMD A6-7400K APU	2782	1341	38.28	\$72.70*
AMD A6-7470K	2727	1362	11.22	\$243.00*
AMD A6-8500P	2202	1585	NA	NA
AMD A6-8650	3104	1231	NA	NA
AMD A6-9200	1710	1775	NA	NA
AMD A6-9210	1811	1728	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-8700E	4747	853	52.18	\$90.99*
AMD A12-5700P	3736	1060	NA	NA
AMD A12-8720P	4001	995	NA	NA
AMD A12-8730P	4472	908	NA	NA
AMD A12-9300	5519	718	50.18	\$109.99*
AMD A12-9300E	5104	777	42.64	\$119.99*
AMD Athlon64 X2 Dual Core 4600+	1108	2093	NA	NA
AMD Athlon 4	279	2690	4.00	\$69.99
AMD Athlon 64 2000+	116	2824	NA	NA
AMD Athlon 64 2200+	575	2382	NA	NA
AMD Athlon 64 2600+	374	2565	NA	NA
AMD Athlon 64 2800+	438	2493	4.38	\$99.99*
AMD Athlon 64 3000+	2463	1159	11.59	\$39.99*
AMD Athlon 64 3200+	482	2431	3.28	\$149.95*
AMD Athlon 64 3300+	576	2381	NA	NA
AMD Athlon 64 3400+	545	2394	NA	NA

AMD Athlon 64 3500+	540	2400	4.56	\$108.95*
AMD Athlon 64 3600+	601	2367	NA	NA
AMD Athlon 64 3700+	598	2369	8.67	\$69.00*
AMD Athlon 64 3800+	589	2372	3.26	\$179.95*
AMD Athlon 64 4000+	608	2362	50.76	\$11.95*
AMD Athlon 64 FX-25	784	2276	NA	NA
AMD Athlon 64 FX-34	380	2556	NA	NA
AMD Athlon 64 FX-51	437	2494	NA	NA
AMD Athlon 64 FX-53	646	2343	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2308	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2303	NA	NA
AMD Athlon 64 FX-59	715	2311	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1996	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1854	NA	NA
AMD Athlon 64 FX-72	1794	1734	NA	NA
AMD Athlon 64 FX-74	1495	1891	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2190	NA	NA
AMD Athlon 64 X2 4200+	1285	1992	4.16	\$308.85*
AMD Athlon 64 X2 Dual Core 3400+	994	2162	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	961	2186	16.02	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1000	2156	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1043	2130	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1097	2098	8.44	\$129.85*
AMD Athlon 64 X2 Dual Core 4400+	1145	2078	95.57	\$11.99*
AMD Athlon 64 X2 Dual Core 4600+	1219	2031	3.39	\$398.95*
AMD Athlon 64 X2 Dual Core 4800+	1253	2013	4.89	\$256.32*
AMD Athlon 64 X2 Dual Core 5000+	1312	1972	3.55	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	1937	26.03	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1448	1909	27.33	\$52.89*
AMD Athlon 64 X2 Dual Core 5600+	1485	1895	9.90	\$149.95*
AMD Athlon 64 X2 Dual Core 5800+	1528	1870	61.17	\$24.89*
AMD Athlon 64 X2 Dual Core 6000+	1603	1841	34.91	\$45.05*
AMD Athlon 64 X2 Dual Core 6400+	1790	1736	8.89	\$258.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core BE-230	1095	2102	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2112	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2129	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2255	26.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2256	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2178	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2235	NA	NA
AMD Athlon 64 X2 Dual-Core TK-43	816	2265	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2236	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	924	2212	NA	NA
AMD Athlon 64 X2 QL-60	920	2217	NA	NA
AMD Athlon 64 X2 QL-62	1008	2151	NA	NA
AMD Athlon 64 X2 QL-64	993	2167	NA	NA
AMD Athlon 64 X2 QL-65	1050	2127	NA	NA
AMD Athlon 64 X2 QL-66	947	2197	NA	NA

AMD Athlon 64 X2 QL-67	1006	2152	NA	NA
AMD Athlon 64 X2 TK-55	955	2191	NA	NA
AMD Athlon 64 X2 TK-57	988	2169	NA	NA
AMD Athlon 200GE	4943	819	82.40	\$59.99
AMD Athlon 220GE	5346	745	NA	NA
AMD Athlon 240GE	5301	755	67.55	\$78.49*
AMD Athlon 1900+	294	2663	NA	NA
AMD Athlon 1640B	670	2334	13.42	\$60.00*
AMD Athlon 2000+	390	2552	NA	NA
AMD Athlon 2100+	412	2515	NA	NA
AMD Athlon 2200+	363	2582	4.55	\$79.99*
AMD Athlon 2400+	462	2465	NA	NA
AMD Athlon 2500+	374	2562	2.04	\$183.99*
AMD Athlon 2600+	444	2484	4.23	\$104.95*
AMD Athlon 2650e	409	2519	21.56	\$19.00*
AMD Athlon 2800+	447	2481	3.20	\$139.95*
AMD Athlon 2850e	504	2426	NA	NA
AMD Athlon 3100+	485	2444	NA	NA
AMD Athlon 3200+	458	2470	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	1986	76.13	\$16.98*
AMD Athlon 5150 APU	2105	1593	13.17	\$159.95*
AMD Athlon 5200 Dual-Core	1246	2016	41.64	\$29.99*
AMD Athlon 5350 APU	2605	1395	7.70	\$338.45*
AMD Athlon 5370 APU	2901	1307	45.64	\$83.70*
AMD Athlon 7450 Dual-Core	1448	1908	NA	NA
AMD Athlon 7550 Dual-Core	1462	1903	24.37	\$60.00*
AMD Athlon 7750 Dual-Core	1571	1856	19.90	\$79.00*
AMD Athlon 7850 Dual-Core	1713	1772	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2673	NA	NA
AMD Athlon Dual Core 4050e	1086	2108	NA	NA
AMD Athlon Dual Core 4450B	1162	2065	37.49	\$31.00*
AMD Athlon Dual Core 4450e	1105	2096	NA	NA
AMD Athlon Dual Core 4650B	1391	1932	NA	NA
AMD Athlon Dual Core 4850e	1311	1974	33.63	\$39.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 6000B	1300	1979	13.69	\$95.00*
AMD Athlon Dual Core 5050e	1343	1957	22.35	\$80.00*
AMD Athlon Dual Core 5200B	1319	1971	NA	NA
AMD Athlon Dual Core 5400B	1411	1925	NA	NA
AMD Athlon Dual Core 5600B	1304	1977	NA	NA
AMD Athlon II 160u	560	2389	18.68	\$29.99*
AMD Athlon II 170u	625	2355	20.59	\$29.85*
AMD Athlon II Dual-Core M300	1115	2086	NA	NA
AMD Athlon II Dual-Core M320	1141	2080	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2125	NA	NA
AMD Athlon II N330 Dual-Core	1154	2071	NA	NA
AMD Athlon II N350 Dual-Core	1226	2027	NA	NA
AMD Athlon II N370 Dual-Core	1559	1860	NA	NA
AMD Athlon II Neo K125	473	2455	NA	NA

AMD Athlon II Neo K145	525	2408	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2283	29.34	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2246	NA	NA
AMD Athlon II Neo N38L Dual-Core	793	2279	NA	NA
AMD Athlon II P320 Dual-Core	1217	2032	40.64	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2015	27.32	\$44.95*
AMD Athlon II P360 Dual-Core	1319	1970	54.89	\$24.00*
AMD Athlon II X2 210e	1486	1894	NA	NA
AMD Athlon II X2 215	1572	1855	131.19	\$11.99*
AMD Athlon II X2 220	1631	1824	61.62	\$19.99*
AMD Athlon II X2 225	1526	1871	NA	NA
AMD Athlon II X2 235e	1658	1812	9.12	\$181.88*
AMD Athlon II X2 240	1642	1818	102.75	\$15.99*
AMD Athlon II X2 240e	1695	1790	48.52	\$34.95*
AMD Athlon II X2 245	1659	1811	47.49	\$34.95*
AMD Athlon II X2 245e	1706	1780	21.33	\$80.00*
AMD Athlon II X2 250	1742	1766	44.73	\$38.85*
AMD Athlon II X2 250e	1939	1663	25.28	\$76.73*
AMD Athlon II X2 250u	1000	2195	28.64	\$34.95*
AMD Athlon II X2 255	1840	1716	28.21	\$55.22*
AMD Athlon II X2 260	1872	1700	93.65	\$19.99*
AMD Athlon II X2 260u	1107	2094	13.28	\$83.44*
AMD Athlon II X2 265	1890	1680	22.81	\$62.88*
AMD Athlon II X2 270	1979	1644	92.51	\$23.99*
AMD Athlon II X2 270u	1350	1955	19.96	\$67.67*
AMD Athlon II X2 280	2129	1582	21.30	\$99.99*
AMD Athlon II X2 4300e	1350	1954	NA	NA
AMD Athlon II X2 4400e	1616	1852	NA	NA
AMD Athlon II X2 4450e	1504	1865	NA	NA
AMD Athlon II X2 B22	1711	1774	41.05	\$41.69*
AMD Athlon II X2 B24	1773	1741	52.00	\$34.10*
AMD Athlon II X2 B25	1897	1664	54.28	\$34.95*
AMD Athlon II X2 B38	2085	1603	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1633	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1625	25.32	\$79.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 415e	2247	1536	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1516	19.69	\$116.15*
AMD Athlon II X3 425	2317	1501	65.85	\$26.99*
AMD Athlon II X3 425e	2239	1541	NA	NA
AMD Athlon II X3 435	2475	1447	82.54	\$29.99*
AMD Athlon II X3 440	2565	1414	95.05	\$26.99*
AMD Athlon II X3 445	2573	1409	29.28	\$91.00*
AMD Athlon II X3 450	2621	1389	75.01	\$34.95*
AMD Athlon II X3 455	2765	1347	70.92	\$38.99*
AMD Athlon II X3 460	2863	1315	73.45	\$38.99*
AMD Athlon II X4 553	3814	1038	NA	NA
AMD Athlon II X4 555	3830	1033	NA	NA

AMD Athlon II X4 559	4141	971	NA	NA
AMD Athlon II X4 600e	2453	1455	18.34	\$130.23*
AMD Athlon II X4 605e	2738	1358	26.90	\$101.80*
AMD Athlon II X4 610e	2790	1339	39.87	\$69.99*
AMD Athlon II X4 615e	2901	1306	49.17	\$69.00*
AMD Athlon II X4 620	2935	1288	41.94	\$99.99*
AMD Athlon II X4 620e	2906	1300	NA	NA
AMD Athlon II X4 630	3135	1224	72.93	\$42.99*
AMD Athlon II X4 631 Quad-Core	3153	1218	38.42	\$80.00*
AMD Athlon II X4 635	3237	1188	46.28	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1199	120.73	\$28.49*
AMD Athlon II X4 640	3313	1186	41.45	\$79.95*
AMD Athlon II X4 641 Quad-Core	3346	1181	26.57	\$91.50*
AMD Athlon II X4 645	3472	1125	69.47	\$49.99*
AMD Athlon II X4 650	3482	1123	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3575	1098	20.08	\$178.04*
AMD Athlon II X4 655	2998	1268	NA	NA
AMD Athlon II X4 6400e	2594	1400	NA	NA
AMD Athlon L110	303	2643	NA	NA
AMD Athlon LE-1600	567	2387	27.04	\$21.00*
AMD Athlon LE-1620	572	2393	31.80	\$18.00*
AMD Athlon LE-1640	627	2353	NA	NA
AMD Athlon LE-1660	668	2327	NA	NA
AMD Athlon MP	230	2744	4.20	\$64.95*
AMD Athlon MP 1700+	339	2805	NA	NA
AMD Athlon MP 2400+	436	2495	NA	NA
AMD Athlon MP 2800+	497	2429	NA	NA
AMD Athlon Neo MV-40	409	2620	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2154	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2282	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2260	NA	NA
AMD Athlon PRO 200GE	5204	765	NA	NA
AMD Athlon QI-46	473	2454	NA	NA
AMD Athlon TF-20	413	2513	NA	NA
AMD Athlon TF-36	395	2542	NA	NA
AMD Athlon X2 215	1543	1865	NA	NA
AMD Athlon X2 235e	1806	1730	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 240	1602	1842	NA	NA
AMD Athlon X2 240e	1670	1803	NA	NA
AMD Athlon X2 250	1696	1789	NA	NA
AMD Athlon X2 265	1627	1828	NA	NA
AMD Athlon X2 280	2303	1509	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1911	1678	38.23	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1535	NA	NA
AMD Athlon X2 440	1424	1919	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2281	NA	NA
AMD Athlon X2 Dual Core 6550e	998	2157	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2216	NA	NA

AMD Athlon X2 Dual Core BE-2350	1109	2092	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2033	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2014	NA	NA
AMD Athlon X2 Dual Core L310	644	2345	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2149	NA	NA
AMD Athlon X3 425	2191	1559	NA	NA
AMD Athlon X3 435	2574	1408	26.96	\$95.49*
AMD Athlon X3 440	2078	1905	23.62	\$97.59*
AMD Athlon X3 445	2314	1503	NA	NA
AMD Athlon X3 450	3064	1246	38.80	\$76.99*
AMD Athlon X3 455	2401	1474	NA	NA
AMD Athlon X4 605e	2505	1436	NA	NA
AMD Athlon X4 620	2861	1316	47.74	\$59.95*
AMD Athlon X4 635	2891	1310	23.71	\$121.99*
AMD Athlon X4 640	3172	1205	NA	NA
AMD Athlon X4 T40 Quad Core	4009	993	14.48	\$277.00*
AMD Athlon X4 T50 Quad Core	4551	887	NA	NA
AMD Athlon X4 T60K Quad Core	4252	948	55.24	\$76.89*
AMD Athlon X4 T60K Quad Core	4593	881	109.41	\$41.98*
AMD Athlon X4 630	4701	858	NA	NA
AMD Athlon X4 840	5037	800	63.97	\$78.74*
AMD Athlon X4 845	5418	733	101.99	\$63.13
AMD Athlon X4 860K	5421	732	99.46	\$64.50*
AMD Athlon X4 870K	5319	754	66.50	\$79.99*
AMD Athlon X4 880K	5538	714	55.39	\$99.99*
AMD Athlon X4 890	5249	759	82.69	\$83.66*
AMD Athlon XP1600+	281	2685	NA	NA
AMD Athlon XP1900+	353	2590	NA	NA
AMD Athlon XP2100+	287	2675	NA	NA
AMD Athlon XP2200+	401	2533	NA	NA
AMD Athlon XP2400+	374	2564	NA	NA
AMD Athlon XP 1500	282	2684	NA	NA
AMD Athlon XP 1500+	257	2715	NA	NA
AMD Athlon XP 1600+	267	2705	NA	NA
AMD Athlon XP 1700	344	2601	NA	NA
AMD Athlon XP 1700+	271	2701	NA	NA
AMD Athlon XP 1800+	300	2650	5.10	\$58.95*
AMD Athlon XP 1900+	312	2633	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2000+	299	2651	12.00	\$24.99*
AMD Athlon XP 2100+	323	2617	NA	NA
AMD Athlon XP 2200+	328	2616	3.87	\$84.95*
AMD Athlon XP 2300+	454	2462	NA	NA
AMD Athlon XP 2400+	360	2584	4.81	\$69.99*
AMD Athlon XP 2500+	355	2587	NA	NA
AMD Athlon XP 2600+	372	2568	16.18	\$23.03*
AMD Athlon XP 2700+	393	2545	4.64	\$84.79*
AMD Athlon XP 2800+	400	2535	NA	NA
AMD Athlon XP 2900+	424	2509	NA	NA

AMD Athlon XP 3000+	402	2530	5.06	\$79.70*
AMD Athlon XP 3100+	433	2499	NA	NA
AMD Athlon XP 3200+	431	2501	NA	NA
AMD Athlon XP 3400+	570	2386	NA	NA
AMD Athlon XP Pro3+	367	2575	NA	NA
AMD Athlon XP-ii	541	2399	15.40	\$34.95*
AMD C-50	310	2635	NA	NA
AMD C-60	461	2466	NA	NA
AMD C-60	466	2459	NA	NA
AMD C-60 APU	543	2396	NA	NA
AMD C-70 APU	558	2391	NA	NA
AMD E1 Micro-200T APU	960	2188	NA	NA
AMD E1-1200 APU	656	2341	NA	NA
AMD E1-1500 APU	688	2326	NA	NA
AMD E1-2100 APU	639	2349	NA	NA
AMD E1-2200 APU	767	2285	NA	NA
AMD E1-2500 APU	898	2233	NA	NA
AMD E1-6010 APU	860	2241	NA	NA
AMD E1-6015 APU	898	2230	NA	NA
AMD E1-7010 APU	997	2160	NA	NA
AMD E2-1800 APU	817	2264	NA	NA
AMD E2-2000 APU	825	2261	NA	NA
AMD E2-3000 APU	1094	2104	NA	NA
AMD E2-3000M APU	1096	2100	54.84	\$20.00*
AMD E2-3200 APU	1386	1934	173.59	\$7.99*
AMD E2-3800 APU	1639	1821	NA	NA
AMD E2-4110 APU	1909	1679	NA	NA
AMD E2-7110 APU	2281	1520	NA	NA
AMD E2-9000	1673	1800	NA	NA
AMD E2-9000e	1342	1958	NA	NA
AMD E2-9010	1745	1754	NA	NA
AMD E2-9850	1515	1881	NA	NA
AMD E-240	317	2624	NA	NA
AMD E-300 APU	610	2361	NA	NA
AMD E-350	746	2298	NA	NA
AMD E-350 APU	758	2292	NA	NA
AMD E-350D APU	726	2305	NA	NA
AMD E-450 APU	767	2286	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1746	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded G-Series GX-224JU Radeon R4E	2088	1600	NA	NA
AMD Embedded G-Series GX-420GI Radeon RTE	2470	1449	NA	NA
AMD Embedded R-Series RX-216GD	2409	1468	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	788	NA	NA
AMD Embedded R-Series RX-421BD	4635	869	NA	NA

AMD EPYC 7251 8-Core	11344	225	22.83	\$496.99
AMD EPYC 7351	18061	76	14.55	\$1,241.61
AMD EPYC 7351P	15820	118	19.93	\$797.99
AMD EPYC 7371	21550	35	NA	NA
AMD EPYC 7401P	19555	59	16.71	\$1,169.99
AMD EPYC 7501	18942	65	5.21	\$3,632.99
AMD EPYC 7551	18483	70	5.11	\$3,612.99
AMD EPYC 7551P	18406	71	8.26	\$2,227.99
AMD FirePro A320 APU	4540	893	NA	NA
AMD FX-670K Quad-Core	4550	888	NA	NA
AMD FX-770K Quad-Core	4803	843	NA	NA
AMD FX-870K Quad-Core	5021	802	NA	NA
AMD FX-4100 Quad-Core	4069	983	31.31	\$129.99*
AMD FX-4130 Quad-Core	4162	967	54.78	\$75.99*
AMD FX-4150 Quad-Core	4594	880	NA	NA
AMD FX-4170 Quad-Core	4866	830	48.67	\$99.99*
AMD FX-4200 Quad-Core	4235	952	18.56	\$228.21*
AMD FX-4300 Quad-Core	4691	860	69.74	\$67.27*
AMD FX-4320	5006	806	NA	NA
AMD FX-4330	5321	753	NA	NA
AMD FX-4350 Quad-Core	5342	747	12.43	\$430.00*
AMD FX-6100 Six-Core	5388	736	21.30	\$253.00*
AMD FX-6120 Six-Core	5732	690	NA	NA
AMD FX-6130 Six-Core	6215	637	NA	NA
AMD FX-6200 Six-Core	6124	650	18.02	\$339.95*
AMD FX-6300 Six-Core	6388	623	91.27	\$69.99*
AMD FX-6330 Six-Core	6916	570	NA	NA
AMD FX-6350 Six-Core	6999	561	53.02	\$132.03*
AMD FX-7500 APU	3209	1196	NA	NA
AMD FX-7600P	4049	986	NA	NA
AMD FX-7600P APU	4627	872	NA	NA
AMD FX-8100 Eight-Core	5982	661	42.13	\$142.00*
AMD FX-8120 Eight-Core	8600	603	66.01	\$99.99*
AMD FX-8140 Eight-Core	6133	647	NA	NA
AMD FX-8150 Eight-Core	7631	504	5.28	\$1,445.01*
AMD FX-8300 Eight-Core	7730	493	68.02	\$112.00*
AMD FX-8310 Eight-Core	7760	490	NA	NA
AMD FX-8320 Eight-Core	8018	467	86.23	\$92.98*
AMD FX-8320E Eight-Core	7547	508	92.06	\$81.99*
AMD FX-8350 Eight-Core	8950	389	99.46	\$89.99
AMD FX-8370 Eight-Core	9032	380	37.21	\$242.72*
AMD FX-8370E Eight-Core	7803	486	41.29	\$189.00*
AMD FX-8800P	4146	969	NA	NA
AMD FX-8370 Eight-Core	9445	345	16.40	\$576.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-9590 Eight-Core	10196	274	57.30	\$177.95*
AMD FX-9900P	3978	1001	NA	NA
AMD FX-9830P	4757	850	NA	NA
AMD FX-B4150 Quad-Core	4611	878	NA	NA

AMD G-T40E	467	2458	NA	NA
AMD G-T40N	516	2416	NA	NA
AMD G-T40R	203	2771	NA	NA
AMD G-T44R	227	2746	NA	NA
AMD G-T48E	724	2306	NA	NA
AMD G-T62R	308	2637	NA	NA
AMD G-T66E	751	2294	NA	NA
AMD G-T66N	793	2278	NA	NA
AMD Geode NX	264	2708	NA	NA
AMD Geode NX 1750	291	2664	NA	NA
AMD GX-210JA SOC	401	2534	NA	NA
AMD GX-212JC SOC	744	2299	NA	NA
AMD GX-217GA SOC	1103	2097	NA	NA
AMD GX-218GL SOC	1115	2085	NA	NA
AMD GX-222GC SOC	1255	2011	NA	NA
AMD GX-412HC	1497	1890	NA	NA
AMD GX-415GA SOC	1946	1660	NA	NA
AMD GX-420CA SOC	2412	1466	NA	NA
AMD GX-424CC SOC	2491	1440	NA	NA
AMD K7	403	2528	NA	NA
AMD Opteron 140	396	2540	0.56	\$710.00*
AMD Opteron 142	428	2505	NA	NA
AMD Opteron 144	486	2441	7.48	\$65.00*
AMD Opteron 146	532	2405	8.87	\$99.99*
AMD Opteron 148	603	2366	NA	NA
AMD Opteron 150	604	2364	NA	NA
AMD Opteron 152	658	2337	NA	NA
AMD Opteron 154	703	2320	NA	NA
AMD Opteron 165	899	2229	1.47	\$616.00*
AMD Opteron 170	1097	2099	NA	NA
AMD Opteron 175	1167	2062	NA	NA
AMD Opteron 180	1233	2023	9.49	\$129.95*
AMD Opteron 185	1360	1949	NA	NA
AMD Opteron 246	632	2352	31.62	\$19.99*
AMD Opteron 248	476	2452	4.77	\$99.95*
AMD Opteron 250	648	2342	69.01	\$110.00*
AMD Opteron 252	760	2290	12.00	\$63.36*
AMD Opteron 254	693	2323	NA	NA
AMD Opteron 256	963	2184	50.72	\$190.00*
AMD Opteron 255	963	2185	6.02	\$169.95*
AMD Opteron 270	1170	2060	1.03	\$607.47*
AMD Opteron 275	1291	1988	19.87	\$64.99*
AMD Opteron 280	1176	2053	1.48	\$796.67*
AMD Opteron 285	1470	1890	NA	NA
AMD Opteron 290	1464	1902	10.95	\$126.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1210	923	2214	NA	NA
AMD Opteron 1210 HE	971	2177	NA	NA
AMD Opteron 1212	1009	2150	3.48	\$280.00*

AMD Opteron 1212 HE	1308	1975	NA	NA
AMD Opteron 1214	1191	2047	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1960	NA	NA
AMD Opteron 1216	1311	1973	23.91	\$54.35*
AMD Opteron 1216 HE	1172	2059	NA	NA
AMD Opteron 1218	1468	1901	NA	NA
AMD Opteron 1218 HE	1444	1910	NA	NA
AMD Opteron 1220	1653	1815	NA	NA
AMD Opteron 1222	1757	1748	NA	NA
AMD Opteron 1352	2316	1502	17.04	\$135.99*
AMD Opteron 1354	2630	1387	8.45	\$369.97*
AMD Opteron 1356	2785	1346	30.73	\$89.99*
AMD Opteron 1381	3065	1245	NA	NA
AMD Opteron 2212	1270	2003	63.53	\$26.00*
AMD Opteron 2214	1358	1951	46.85	\$29.00*
AMD Opteron 2214 HE	1415	1923	NA	NA
AMD Opteron 2216	1518	1879	66.35	\$22.88*
AMD Opteron 2218	1594	1847	49.18	\$32.42*
AMD Opteron 2220	1701	1784	1.15	\$1,475.16*
AMD Opteron 2220 SE	1398	1928	55.52	\$25.00*
AMD Opteron 2222	1843	1714	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1673	NA	NA
AMD Opteron 2350	2920	1327	10.45	\$269.99*
AMD Opteron 2356	2814	1330	15.48	\$191.65*
AMD Opteron 2373 EE	2789	1340	NA	NA
AMD Opteron 2374 HE	2951	1282	15.53	\$189.99*
AMD Opteron 2376	2283	1516	13.59	\$166.91*
AMD Opteron 2378	3179	1205	17.76	\$179.00*
AMD Opteron 2380	2640	1384	58.69	\$45.00*
AMD Opteron 2384	3538	1108	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1109	NA	NA
AMD Opteron 2393 SE	2246	1537	NA	NA
AMD Opteron 2427	3069	1243	31.00	\$99.00*
AMD Opteron 2431	4516	899	112.91	\$46.00*
AMD Opteron 2435	4708	857	24.91	\$169.00*
AMD Opteron 3260 HE	3259	1176	NA	NA
AMD Opteron 3280	5403	734	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1375	NA	NA
AMD Opteron 3350 HE	4009	994	NA	NA
AMD Opteron 3365	5963	864	NA	NA
AMD Opteron 3380	6384	624	7.89	\$989.00*
AMD Opteron 4122	2942	1285	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1211	NA	NA
AMD Opteron 4170 HE	3664	1078	62.11	\$59.00*
AMD Opteron 4184	4418	920	8.50	\$519.85*
AMD Opteron 4280	6430	618	123.60	\$50.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4284	6660	597	111.03	\$99.99*
AMD Opteron 4332 HE	5514	705	NA	NA

AMD Phenom 9350e Quad-Core	2320	1499	0.69	\$3,362.07*
AMD Phenom 9450e Quad-Core	2621	1380	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2203	1554	76.00	\$28.99*
AMD Phenom 9550 Quad-Core	2543	1421	37.73	\$28.99*
AMD Phenom 9600 Quad-Core	2306	1507	46.18	\$49.95*
AMD Phenom 9600B Quad-Core	2573	1410	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2636	1385	47.98	\$54.95*
AMD Phenom 9750 Quad-Core	2811	1332	96.34	\$29.49*
AMD Phenom 9760B Quad-Core	2709	1366	NA	NA
AMD Phenom 9850 Quad-Core	2892	1309	24.11	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1215	NA	NA
AMD Phenom 9950 Quad-Core	3013	1260	22.32	\$104.99*
AMD Phenom FX-5000 Quad-Core	2517	1429	NA	NA
AMD Phenom FX-6200 Quad-Core	2948	1284	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1085	NA	NA
AMD Phenom II 42 TVKR Black Edition	3499	1119	NA	NA
AMD Phenom II N620 Dual-Core	1679	1796	420.83	\$3.99*
AMD Phenom II N640 Dual-Core	1716	1769	26.42	\$84.95*
AMD Phenom II N660 Dual-Core	1851	1709	18.70	\$99.00*
AMD Phenom II N820 3+1	2652	1361	NA	NA
AMD Phenom II N830 Triple-Core	1889	1692	NA	NA
AMD Phenom II N860 Tripla-Core	1935	1666	77.40	\$25.00*
AMD Phenom II N870 Triple-Core	1993	1636	NA	NA
AMD Phenom II N930 Quad-Core	2274	1525	17.50	\$129.99*
AMD Phenom II N950 Quad-Core	2485	1443	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2521	1428	16.81	\$149.99*
AMD Phenom II P650 Dual-Core	1597	1845	45.66	\$36.00*
AMD Phenom II P820 Triple-Core	1604	1840	NA	NA
AMD Phenom II P840 Triple-Core	1722	1765	NA	NA
AMD Phenom II P860 Triple-Core	1759	1745	NA	NA
AMD Phenom II P920 Quad-Core	1866	1701	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1726	NA	NA
AMD Phenom II P960 Quad-Core	2085	1501	74.49	\$28.00*
AMD Phenom II X2 511	2104	1594	NA	NA
AMD Phenom II X2 521	2071	1608	NA	NA
AMD Phenom II X2 545	1914	1676	43.52	\$43.98*
AMD Phenom II X2 560	2023	1626	46.49	\$49.99*
AMD Phenom II X2 565	2046	1617	73.14	\$27.99*
AMD Phenom II X2 560	2056	1613	31.65	\$64.99*
AMD Phenom II X2 565	2211	1552	73.73	\$29.99*
AMD Phenom II X2 570	1960	1654	NA	NA
AMD Phenom II X2 853	1709	1778	NA	NA
AMD Phenom II X2 855	1918	1674	39.96	\$48.00*
AMD Phenom II X2 857	1826	1724	NA	NA
AMD Phenom II X2 859	2145	1574	110.16	\$19.48*
AMD Phenom II X3 700e	2242	1539	NA	NA
AMD Phenom II X3 705e	2227	1544	14.63	\$152.34*
AMD Phenom II X3 710	2446	1456	29.94	\$94.53*
AMD Phenom II X3 715	2649	1383	31.17	\$84.99*

AMD Opteron 4334	6099	652	28.18	\$216.42*
AMD Opteron 4365 EE	5025	801	NA	NA
AMD Opteron 4385	6761	586	48.30	\$136.99*
AMD Opteron 6128	4505	900	30.24	\$149.00*
AMD Opteron 6134	2938	1286	66.91	\$43.99*
AMD Opteron 6136	4631	870	42.10	\$110.00*
AMD Opteron 6164 HE	5351	743	NA	NA
AMD Opteron 6172	5261	757	53.14	\$99.00*
AMD Opteron 6174	6171	643	82.34	\$99.00*
AMD Opteron 6176 SE	5465	725	34.37	\$159.00*
AMD Opteron 6212	5776	685	192.62	\$29.99*
AMD Opteron 6220	6785	580	113.11	\$59.99*
AMD Opteron 6234	5938	667	198.27	\$29.95*
AMD Opteron 6238	7673	501	127.52	\$59.99*
AMD Opteron 6272	6748	587	112.50	\$59.99*
AMD Opteron 6274	4665	832	105.80	\$45.99*
AMD Opteron 6276	8889	397	52.60	\$169.00*
AMD Opteron 6292 SE	9116	371	70.13	\$129.99*
AMD Opteron 6297 SE	9789	315	NA	NA
AMD Opteron 6328	7813	484	39.07	\$199.99*
AMD Opteron 6366 HE	7503	513	37.52	\$199.99*
AMD Opteron 6376	9414	347	30.37	\$310.00*
AMD Opteron 6378	2152	1571	10.76	\$199.99*
AMD Opteron 6390	10081	288	100.83	\$99.99*
AMD Opteron 6396 SE	10748	246	71.66	\$149.99*
AMD Opteron 8354	2255	1533	192.52	\$22.00*
AMD Opteron 8439 SE	3813	1039	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1247	NA	NA
AMD Opteron X3216 APU	2366	1469	NA	NA
AMD Opteron X3418 APU	4569	884	NA	NA
AMD Opteron X3421 APU	4928	822	NA	NA
AMD Phenom 2 X4 12000	3005	1266	NA	NA
AMD Phenom 7950 Quad-Core	2991	1269	NA	NA
AMD Phenom 8250 Triple-Core	1644	1817	NA	NA
AMD Phenom 8259e Triple-Core	1619	1831	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1631	1825	NA	NA
AMD Phenom 8450 Triple-Core	1890	1691	62.12	\$29.99*
AMD Phenom 8450e Triple-Core	2040	1618	NA	NA
AMD Phenom 8600 Triple-Core	1706	1781	32.20	\$52.99*
AMD Phenom 8600B Triple-Core	1923	1670	36.29	\$52.99*
AMD Phenom 8650 Triple-Core	1989	1640	39.78	\$49.99*
AMD Phenom 8750 Triple-Core	2055	1614	NA	NA
AMD Phenom 8750B Triple-Core	2034	1621	NA	NA
AMD Phenom 8850 Triple-Core	1968	1651	NA	NA
AMD Phenom 8850B Triple-Core	2080	1604	NA	NA
AMD Phenom 9100e Quad-Core	1835	1719	45.36	\$39.95*
AMD Phenom 9150e Quad-Core	2112	1590	52.88	\$39.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 720	2669	1376	38.14	\$69.99*
AMD Phenom II X3 740	2985	1270	33.55	\$88.99*
AMD Phenom II X3 873	2735	1361	36.47	\$75.00*
AMD Phenom II X3 875	2929	1291	73.25	\$39.99*
AMD Phenom II X3 877	3067	1244	137.64	\$22.29*
AMD Phenom II X4 805	3001	1267	17.25	\$173.99*
AMD Phenom II X4 910	3122	1227	26.82	\$115.99*
AMD Phenom II X4 920	3396	1145	45.32	\$74.95*
AMD Phenom II X4 930	3434	1135	42.96	\$79.95*
AMD Phenom II X4 840	3508	1114	39.01	\$89.95*
AMD Phenom II X4 840T	3599	1091	51.43	\$69.99*
AMD Phenom II X4 850	3547	1106	54.59	\$64.99*
AMD Phenom II X4 900e	2882	1313	NA	NA
AMD Phenom II X4 905e	3078	1241	57.02	\$53.99*
AMD Phenom II X4 910	3252	1179	32.52	\$100.00*
AMD Phenom II X4 910e	3253	1177	20.72	\$156.99*
AMD Phenom II X4 920	3393	1147	34.28	\$98.99*
AMD Phenom II X4 925	3422	1137	77.79	\$43.99*
AMD Phenom II X4 940	3590	1093	60.50	\$59.34*
AMD Phenom II X4 945	3656	1080	56.30	\$64.95*
AMD Phenom II X4 955	3926	1016	30.17	\$130.16*
AMD Phenom II X4 960T	3785	1044	59.15	\$63.99*
AMD Phenom II X4 965	4185	963	47.03	\$69.01*
AMD Phenom II X4 970	4322	940	29.10	\$148.11*
AMD Phenom II X4 973	3759	1052	NA	NA
AMD Phenom II X4 975	4455	909	31.90	\$139.69*
AMD Phenom II X4 977	3750	1056	NA	NA
AMD Phenom II X4 980	4493	905	19.54	\$229.99*
AMD Phenom II X4 970e	2377	1481	NA	NA
AMD Phenom II X4 805e	2792	1337	NA	NA
AMD Phenom II X4 B15e	2736	1360	NA	NA
AMD Phenom II X4 B25	3297	1171	NA	NA
AMD Phenom II X4 B35	3383	1150	NA	NA
AMD Phenom II X4 B40	3361	1155	NA	NA
AMD Phenom II X4 B45	3470	1127	NA	NA
AMD Phenom II X4 B50	3698	1071	NA	NA
AMD Phenom II X4 B55	3654	1026	NA	NA
AMD Phenom II X4 B60	4043	987	NA	NA
AMD Phenom II X4 B65	4177	965	NA	NA
AMD Phenom II X4 B70	4261	947	NA	NA
AMD Phenom II X4 B93	3359	1156	NA	NA
AMD Phenom II X4 B95	3684	1077	50.51	\$72.95*
AMD Phenom II X4 B97	3869	1024	67.99	\$56.99*
AMD Phenom II X4 B99	4130	974	NA	NA
AMD Phenom II X6 1035T	4641	865	24.56	\$189.00*
AMD Phenom II X6 1045T	4804	842	44.48	\$108.01*
AMD Phenom II X6 1055T	4981	814	81.83	\$80.24*
AMD Phenom II X6 1065T	5047	796	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1075T	5335	749	47.22	\$112.89*
AMD Phenom II X6 1090T	5572	710	14.07	\$396.00*
AMD Phenom II X6 1100T	5715	691	32.20	\$177.45*
AMD Phenom II X6 1405T	5042	799	NA	NA
AMD Phenom II X620 Dual-Core	2189	1560	NA	NA
AMD Phenom II X640 Dual-Core	2021	1627	NA	NA
AMD Phenom II X920 Quad-Core	2650	1362	NA	NA
AMD Phenom II X940 Quad-Core	2695	1369	NA	NA
AMD Phenom Ultra X4 24500	3945	1012	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1788	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1553	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1752	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2052	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1914	NA	NA
AMD Phenom X3 8550	1924	1669	11.33	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1747	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1635	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1542	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1308	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2715	1364	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1370	NA	NA
AMD Phenom X4 Quad-Core GS-5660	1211	2037	NA	NA
AMD PRO A4-3350B APU	2274	1526	NA	NA
AMD PRO A4-8350B	2791	1338	NA	NA
AMD PRO A6-7350B	2759	1351	NA	NA
AMD PRO A6-8500B	2516	1431	NA	NA
AMD PRO A6-8530B	2388	1477	NA	NA
AMD PRO A6-8550B	2970	1277	NA	NA
AMD PRO A6-8570E	3049	1253	NA	NA
AMD PRO A6-8570E	2824	1325	NA	NA
AMD PRO A6-8500B	3239	1187	43.77	\$74.00*
AMD PRO A6-8500B	2076	1606	NA	NA
AMD PRO A6-9500E	2760	1350	37.30	\$74.00*
AMD PRO A8-8600B	3524	1111	NA	NA
AMD PRO A8-8650B	5342	748	NA	NA
AMD PRO A8-8670E	5015	803	NA	NA
AMD PRO A8-9600	5277	756	44.25	\$119.00*
AMD PRO A8-9600B	3973	1003	NA	NA
AMD PRO A10-8700B	3560	1102	NA	NA
AMD PRO A10-8730B	3971	1004	NA	NA
AMD PRO A10-8750B	5473	720	NA	NA
AMD PRO A10-8770	5707	692	NA	NA
AMD PRO A10-8770E	5045	797	NA	NA
AMD PRO A10-8850B	5852	675	NA	NA
AMD PRO A10-9700	5677	699	33.59	\$169.00*
AMD PRO A10-9700B	4393	923	NA	NA
AMD PRO A10-9700E	5066	789	35.45	\$129.00*
AMD PRO A12-8800B	4137	973	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A12-8820B	4325	938	NA	NA
AMD PRO A12-8870	6067	656	NA	NA
AMD PRO A12-8870E	5186	769	NA	NA
AMD PRO A12-9800	6154	645	36.42	\$169.00*
AMD PRO A12-9800B	4128	975	NA	NA
AMD PRO A12-9800E	4769	849	28.22	\$169.00*
AMD QC-4000	1663	1809	NA	NA
AMD R-260H APU	1576	1852	NA	NA
AMD R-460L APU	1954	1657	NA	NA
AMD R-464L APU	3117	1229	NA	NA
AMD RX-427BB	4349	931	NA	NA
AMD Ryzen 3 1200	6730	589	74.79	\$89.99
AMD Ryzen 3 1300X	7501	514	55.57	\$134.99*
AMD Ryzen 3 2200G	7313	536	76.88	\$94.99
AMD Ryzen 3 2200GE	6778	591	NA	NA
AMD Ryzen 3 2200U	4529	898	NA	NA
AMD Ryzen 3 2300U	6197	639	NA	NA
AMD Ryzen 3 2300X	8547	423	NA	NA
AMD Ryzen 3 PRO 1200	7069	556	NA	NA
AMD Ryzen 3 PRO 1300	8022	466	NA	NA
AMD Ryzen 3 PRO 2200G	8042	463	NA	NA
AMD Ryzen 3 PRO 2200GE	7698	497	NA	NA
AMD Ryzen 3 PRO 2300U	7124	550	NA	NA
AMD Ryzen 5 1400	8369	433	59.79	\$139.99*
AMD Ryzen 5 1500X	10082	287	63.02	\$159.99
AMD Ryzen 5 1600	12280	202	87.72	\$139.99*
AMD Ryzen 5 1600X	13226	178	73.40	\$179.99*
AMD Ryzen 5 2400G	9306	354	68.94	\$134.99
AMD Ryzen 5 2400GE	7932	473	NA	NA
AMD Ryzen 5 2500U	7327	533	NA	NA
AMD Ryzen 5 2500X	9663	325	NA	NA
AMD Ryzen 5 2600	13544	173	92.09	\$164.99
AMD Ryzen 5 2600H	7949	472	NA	NA
AMD Ryzen 5 2600X	14361	148	77.64	\$184.99
AMD Ryzen 5 3500U	6547	605	NA	NA
AMD Ryzen 5 3500H	8798	403	NA	NA
AMD Ryzen 5 PRO 1500	10118	282	NA	NA
AMD Ryzen 5 PRO 1600	12213	205	NA	NA
AMD Ryzen 5 PRO 2400G	10015	291	NA	NA
AMD Ryzen 5 PRO 2400GE	8929	393	NA	NA
AMD Ryzen 5 PRO 2500U	8633	418	NA	NA
AMD Ryzen 5 PRO 2600	14407	145	NA	NA
AMD Ryzen 7 1700	13762	165	86.02	\$159.99
AMD Ryzen 7 1700X	14683	136	77.28	\$189.99
AMD Ryzen 7 1800X	15414	123	64.23	\$239.99*
AMD Ryzen 7 2700	15037	130	60.16	\$249.99
AMD Ryzen 7 2700U	7374	530	NA	NA
AMD Ryzen 7 2700X	16989	85	57.59	\$294.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 2800H	8498	424	NA	NA
AMD Ryzen 7 PRO 1700	14171	151	NA	NA
AMD Ryzen 7 PRO 1700X	15340	125	NA	NA
AMD Ryzen 7 PRO 2700	15897	111	NA	NA
AMD Ryzen 7 PRO 2700U	8966	387	NA	NA
AMD Ryzen 7 PRO 2700X	17276	82	NA	NA
AMD Ryzen Embedded V1202B	5051	794	NA	NA
AMD Ryzen Embedded V1605B	7864	477	NA	NA
AMD Ryzen Embedded V1807B	7529	510	NA	NA
AMD Ryzen Threadripper 1900X	16058	107	53.63	\$299.99
AMD Ryzen Threadripper 1920X	19464	60	48.06	\$399.99
AMD Ryzen Threadripper 1960X	21868	32	39.76	\$649.99*
AMD Ryzen Threadripper 2920X	21958	29	33.78	\$649.99
AMD Ryzen Threadripper 2950X	25422	13	31.78	\$799.99
AMD Ryzen Threadripper 2970WX	21806	34	16.77	\$1,299.99
AMD Ryzen Threadripper 2990WX	23806	22	13.76	\$1,729.99
AMD Ryzen Threadripper 2990X	18311	72	NA	NA
AMD Sempron 130	656	2340	26.29	\$24.99*
AMD Sempron 140	735	2301	18.57	\$39.99*
AMD Sempron 146	806	2273	47.52	\$16.99*
AMD Sempron 150	707	2316	15.74	\$44.95*
AMD Sempron 200U	267	2704	3.08	\$87.00*
AMD Sempron 210U	391	2550	NA	NA
AMD Sempron 240	2110	1591	36.39	\$58.00*
AMD Sempron 2100+	392	2548	NA	NA
AMD Sempron 2200+	281	2668	9.38	\$29.99*
AMD Sempron 2300+	318	2623	7.97	\$45.00*
AMD Sempron 2400+	314	2630	12.11	\$26.00*
AMD Sempron 2500+	335	2608	3.54	\$94.95*
AMD Sempron 2600+	373	2566	10.70	\$34.95*
AMD Sempron 2650 APU	944	2201	22.20	\$42.56*
AMD Sempron 2800+	383	2554	6.40	\$59.95*
AMD Sempron 3000+	409	2521	20.47	\$26.00*
AMD Sempron 3100+	452	2475	7.53	\$60.00*
AMD Sempron 3200+	406	2523	3.10	\$131.22*
AMD Sempron 3300+	464	2446	8.07	\$60.00*
AMD Sempron 3400+	453	2474	3.46	\$131.22*
AMD Sempron 3500+	379	2657	18.98	\$20.00*
AMD Sempron 3600+	487	2439	40.59	\$12.00*
AMD Sempron 3800+	554	2392	3.62	\$152.92*
AMD Sempron 3850 APU	1711	1773	31.96	\$53.56*
AMD Sempron Dual Core 2100	936	2203	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2161	NA	NA
AMD Sempron Dual Core 2300	982	2170	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2196	NA	NA
AMD Sempron Dual Core 4900	1081	2113	NA	NA
AMD Sempron LE-250	490	2433	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron LE-1100	438	2492	NA	NA
AMD Sempron LE-1150	444	2483	NA	NA
AMD Sempron LE-1200	528	2405	NA	NA
AMD Sempron LE-1250	541	2398	5.41	\$99.95*
AMD Sempron LE-1300	598	2368	29.94	\$20.00*
AMD Sempron LE-1600	535	2403	NA	NA
AMD Sempron LE-1620	635	2351	NA	NA
AMD Sempron LE-1640	759	2291	NA	NA
AMD Sempron M100	558	2390	46.58	\$12.00*
AMD Sempron M120	582	2377	NA	NA
AMD Sempron SI-40	443	2485	36.93	\$12.00*
AMD Sempron SI-42	456	2473	15.22	\$30.01*
AMD Sempron X2 180	1222	2029	17.62	\$69.40*
AMD Sempron X2 190	1512	1883	18.12	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1924	NA	NA
AMD Turion 64 Mobile MK-26	465	2460	NA	NA
AMD Turion 64 Mobile MK-38	513	2417	NA	NA
AMD Turion 64 Mobile ML-28	390	2551	NA	NA
AMD Turion 64 Mobile ML-30	402	2531	NA	NA
AMD Turion 64 Mobile ML-32	409	2518	NA	NA
AMD Turion 64 Mobile ML-34	425	2508	NA	NA
AMD Turion 64 Mobile ML-37	442	2486	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2411	NA	NA
AMD Turion 64 Mobile ML-42	615	2359	NA	NA
AMD Turion 64 Mobile ML-44	591	2370	NA	NA
AMD Turion 64 Mobile MT-20	419	2510	NA	NA
AMD Turion 64 Mobile MT-30	378	2558	NA	NA
AMD Turion 64 Mobile MT-32	426	2507	NA	NA
AMD Turion 64 Mobile MT-34	429	2503	NA	NA
AMD Turion 64 Mobile MT-37	484	2445	NA	NA
AMD Turion 64 Mobile MT-40	536	2401	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2297	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2287	NA	NA
AMD Turion 64 X2 Mobile TL-56	889	2232	44.49	\$20.00*
AMD Turion 64 X2 Mobile TL-58	946	2198	NA	NA
AMD Turion 64 X2 Mobile TL-60	994	2164	45.30	\$21.95*
AMD Turion 64 X2 Mobile TL-62	1087	2107	3.50	\$211.00*
AMD Turion 64 X2 Mobile TL-64	1094	2103	27.78	\$39.29*
AMD Turion 64 X2 Mobile TL-66	1141	2079	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2064	12.92	\$90.00*
AMD Turion Dual-Core RM-70	904	2227	36.16	\$25.00*
AMD Turion Dual-Core RM-72	860	2240	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2147	NA	NA
AMD Turion Dual-Core RM-75	977	2172	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1294	1985	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1976	18.39	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1961	NA	NA
AMD Turion II N530 Dual-Core	1583	1851	62.70	\$30.00*

AMD Turion II N550 Dual-Core	1521	1872	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2174	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2049	NA	NA
AMD Turion II Neo N40L Dual-Core	929	2209	NA	NA
AMD Turion II Neo N54L Dual-Core	1361	1947	NA	NA
AMD Turion II P520 Dual-Core	1357	1952	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II P540 Dual-Core	1428	1916	28.61	\$49.95*
AMD Turion II P660 Dual-Core	1514	1882	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	1928	78.98	\$17.81*
AMD Turion II Ultra Dual-Core Mobile M620	1430	1915	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1804	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1869	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2269	NA	NA
AMD Turion X2 Dual Core L910	923	2215	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2243	6.48	\$122.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2122	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	993	2166	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1083	2111	4.83	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2121	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1137	2081	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2073	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1012	2148	72.31	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2110	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	2034	69.81	\$18.89*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2021	27.43	\$46.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1984	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1232	2024	30.85	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2159	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2140	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1907	NA	NA
AMD V195	299	2652	NA	NA
AMD V120	623	2357	NA	NA
AMD V140	642	2347	12.86	\$49.95*
AMD V160	677	2333	NA	NA
AMD Z-0 1	523	2410	NA	NA
AMD Z-60 APU	500	2428	NA	NA
AMD-K6 3D	90	2828	NA	NA
AMD-K6-III	108	2825	NA	NA
AMD-K7	403	2529	NA	NA
Athlon 64 Dual Core 3800+	1234	2022	NA	NA
Athlon 64 Dual Core 4200+	1156	2070	5.84	\$204.95*
Athlon 64 Dual Core 4800+	1370	1942	NA	NA
Athlon 64 Dual Core 5000+	1507	1884	NA	NA
Athlon 64 Dual Core 5400+	1614	1834	NA	NA
Athlon 64 Dual Core 5600+	1548	1863	NA	NA
Athlon Dual Core 4050e	968	2180	NA	NA
Athlon Dual Core 4450e	1204	2040	NA	NA

Intel Atom N455 @ 1.66GHz	283	2680	NA	NA
Intel Atom N470 @ 1.83GHz	307	2638	NA	NA
Intel Atom N475 @ 1.83GHz	314	2629	NA	NA
Intel Atom N550 @ 1.50GHz	526	2407	6.12	\$86.00*
Intel Atom N570 @ 1.66GHz	571	2385	6.64	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2644	NA	NA
Intel Atom N2600 @ 1.80GHz	525	2409	NA	NA
Intel Atom N2900 @ 1.85GHz	626	2354	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2219	14.32	\$64.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom T5700 @ 1.70GHz	2039	1619	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2270	NA	NA
Intel Atom x5-E8000 @ 1.64GHz	1623	1830	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1194	2044	8.98	\$132.99*
Intel Atom x5-Z8350 @ 1.44GHz	1018	2145	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1266	2006	60.33	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1697	1787	27.13	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1837	1718	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1896	1685	25.75	\$73.53*
Intel Atom x7-Z8750 @ 1.60GHz	1902	1680	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2779	4.33	\$46.00*
Intel Atom Z515 @ 1.20GHz	218	2755	NA	NA
Intel Atom Z520 @ 1.33GHz	216	2758	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2887	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2594	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2555	NA	NA
Intel Atom Z570 @ 1.50GHz	243	2735	NA	NA
Intel Atom Z2700 @ 1.80GHz	565	2388	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2220	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2211	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2226	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2224	NA	NA
Intel Atom Z3736F @ 1.33GHz	919	2218	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	2120	NA	NA
Intel Atom Z3740D @ 1.33GHz	1025	2141	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2116	36.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1034	2134	NA	NA
Intel Atom Z3770 @ 1.45GHz	1245	2019	8.34	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2274	NA	NA
Intel Atom Z3775 @ 1.46GHz	1258	2008	36.96	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1998	NA	NA
Intel Atom Z3795 @ 1.60GHz	1770	1743	NA	NA
Intel Celeron 1.70GHz	130	2818	NA	NA
Intel Celeron 1.80GHz	136	2815	NA	NA
Intel Celeron 2.00GHz	182	2791	NA	NA
Intel Celeron 2.10GHz	244	2733	NA	NA
Intel Celeron 2.13GHz	208	2766	NA	NA
Intel Celeron 2.20GHz	213	2761	NA	NA

Athlon Dual Core 4850e	1327	1966	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1321	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1084	2109	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1169	2061	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1201	2042	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	1999	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2038	NA	NA
HP Hexa-Core 2.0GHz	2178	1562	4.32	\$604.27*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel I300 @ 1.68GHz	857	2245	NA	NA
Intel I400 @ 1.83GHz	990	2171	NA	NA
Intel I500 @ 2.00GHz	1024	2142	NA	NA
Intel Atom 230 @ 1.80GHz	306	2639	NA	NA
Intel Atom 330 @ 1.60GHz	587	2374	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2231	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2187	NA	NA
Intel Atom C2638 @ 2.40GHz	2085	1802	20.06	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1531	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1564	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	1041	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1162	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1214	14.72	\$214.86*
Intel Atom C3530 @ 2.10GHz	2455	1452	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1423	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	835	14.82	\$322.00*
Intel Atom D410 @ 1.66GHz	301	2648	0.47	\$535.99*
Intel Atom D425 @ 1.80GHz	345	2600	0.25	\$992.99*
Intel Atom D510 @ 1.66GHz	657	2339	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2317	NA	NA
Intel Atom D2500 @ 1.86GHz	402	2532	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2331	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2312	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2254	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2309	NA	NA
Intel Atom E660 @ 1.30GHz	271	2699	5.03	\$64.00*
Intel Atom E680 @ 1.60GHz	346	2597	NA	NA
Intel Atom E3015 @ 1.46GHz	331	2613	2.22	\$149.00*
Intel Atom E3925 @ 1.33GHz	579	2379	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2435	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2250	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2065	NA	NA
Intel Atom E3845 @ 1.91GHz	1501	1886	NA	NA
Intel Atom E3940 @ 1.60GHz	1889	1693	NA	NA
Intel Atom E3950 @ 1.60GHz	1855	1707	NA	NA
Intel Atom K510 @ 1.86GHz	658	2338	NA	NA
Intel Atom N270 @ 1.50GHz	268	2703	NA	NA
Intel Atom N280 @ 1.66GHz	283	2681	NA	NA
Intel Atom N435 @ 1.33GHz	261	2711	NA	NA
Intel Atom N450 @ 1.66GHz	296	2659	NA	NA

Intel Celeron 2.25GHz	223	2750	NA	NA
Intel Celeron 2.30GHz	227	2747	NA	NA
Intel Celeron 2.40GHz	217	2756	NA	NA
Intel Celeron 2.50GHz	247	2727	NA	NA
Intel Celeron 2.63GHz	245	2731	NA	NA
Intel Celeron 2.68GHz	238	2738	NA	NA
Intel Celeron 2.66GHz	250	2724	NA	NA
Intel Celeron 2.70GHz	245	2732	NA	NA
Intel Celeron 2.80GHz	254	2717	NA	NA
Intel Celeron 2.93GHz	283	2679	NA	NA
Intel Celeron 3.05GHz	285	2676	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3.20GHz	288	2669	NA	NA
Intel Celeron 3.33GHz	333	2611	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2619	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2622	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2477	11.26	\$38.99*
Intel Celeron 430 @ 1.80GHz	490	2434	9.13	\$53.75*
Intel Celeron 440 @ 2.00GHz	546	2393	9.11	\$59.89*
Intel Celeron 450 @ 2.20GHz	624	2356	20.82	\$29.99*
Intel Celeron 530 @ 1.73GHz	468	2457	20.37	\$23.00*
Intel Celeron 540 @ 1.86GHz	518	2412	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2414	7.96	\$64.95*
Intel Celeron 560 @ 2.13GHz	535	2402	5.70	\$79.95*
Intel Celeron 670 @ 2.26GHz	517	2413	NA	NA
Intel Celeron 600MHz	147	2811	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2526	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2502	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2295	NA	NA
Intel Celeron 807UE @ 1.60GHz	369	2572	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2360	NA	NA
Intel Celeron 847 @ 1.10GHz	934	2204	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1030	2136	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2077	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2058	39.12	\$29.95*
Intel Celeron 877 @ 1.40GHz	1290	1989	NA	NA
Intel Celeron 887 @ 1.50GHz	1274	2000	NA	NA
Intel Celeron 900 @ 2.20GHz	678	2332	23.42	\$28.99*
Intel Celeron 925 @ 2.30GHz	695	2322	NA	NA
Intel Celeron 1000MHz	1679	1795	NA	NA
Intel Celeron 1000MHz	213	2760	NA	NA
Intel Celeron 1005MHz @ 1.80GHz	1807	1729	NA	NA
Intel Celeron 1007U @ 1.50GHz	1389	1933	7.51	\$164.99*
Intel Celeron 1017U @ 1.60GHz	1520	1874	NA	NA
Intel Celeron 1019Y @ 1.00GHz	931	2207	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1543	NA	NA
Intel Celeron 1037U @ 1.80GHz	1735	1761	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1186	2046	NA	NA
Intel Celeron 1058MHz	259	2713	NA	NA

Intel Celeron 1100MHz	174	2797	NA	NA
Intel Celeron 1133MHz	282	2682	NA	NA
Intel Celeron 1200MHz	244	2734	NA	NA
Intel Celeron 1300MHz	289	2671	NA	NA
Intel Celeron 1333MHz	280	2665	NA	NA
Intel Celeron 1400MHz	302	2645	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1491	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1838	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1974	1646	NA	NA
Intel Celeron 2955U @ 1.40GHz	1420	1921	NA	NA
Intel Celeron 2957U @ 1.40GHz	1437	1913	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2089	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2970M @ 2.20GHz	2312	1504	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1846	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1853	NA	NA
Intel Celeron 3205U @ 1.50GHz	1494	1892	5.21	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1642	1819	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1783	NA	NA
Intel Celeron 3765U @ 1.80GHz	1980	1639	NA	NA
Intel Celeron 3855U @ 1.60GHz	1566	1807	NA	NA
Intel Celeron 3865U @ 1.80GHz	1940	1662	NA	NA
Intel Celeron 3955U @ 2.00GHz	1879	1697	NA	NA
Intel Celeron 3965U @ 2.20GHz	2411	1467	22.54	\$107.00*
Intel Celeron 3965Y @ 1.60GHz	1630	1826	15.22	\$107.00*
Intel Celeron @ 1.30GHz	965	2181	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2785	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2266	NA	NA
Intel Celeron B800 @ 1.50GHz	1274	2002	NA	NA
Intel Celeron B810 @ 1.60GHz	1425	1918	NA	NA
Intel Celeron B815 @ 1.60GHz	1364	1945	NA	NA
Intel Celeron B820 @ 1.70GHz	1427	1917	26.32	\$39.29*
Intel Celeron B830 @ 1.80GHz	1516	1880	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1767	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2702	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2646	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2626	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2607	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2527	4.60	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2448	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2375	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2244	7.80	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1046	2128	11.64	\$89.95*
Intel Celeron E1500 @ 2.20GHz	1176	2054	59.85	\$19.65*
Intel Celeron E1600 @ 2.40GHz	1255	2010	NA	NA
Intel Celeron E3200 @ 2.40GHz	1392	1931	26.78	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1386	1935	22.21	\$62.43*
Intel Celeron E3400 @ 2.60GHz	1438	1911	29.88	\$48.15*

Intel Celeron M 1.50GHz	343	2602	NA	NA
Intel Celeron M 1.60GHz	365	2579	NA	NA
Intel Celeron M 1.70GHz	393	2547	NA	NA
Intel Celeron M 360 1.40GHz	328	2615	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2627	NA	NA
Intel Celeron M 420 @ 1.80GHz	338	2604	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2574	NA	NA
Intel Celeron M 440 @ 1.86GHz	397	2538	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2719	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2478	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2500	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2464	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2397	NA	NA
Intel Celeron M 600MHz	151	2809	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2472	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 900MHz	204	2769	NA	NA
Intel Celeron M 1200MHz	275	2697	NA	NA
Intel Celeron M 1300MHz	303	2642	NA	NA
Intel Celeron M 1500MHz	333	2612	NA	NA
Intel Celeron M ULV 090MHz	184	2789	NA	NA
Intel Celeron N2805 @ 1.46GHz	461	2468	NA	NA
Intel Celeron N2806 @ 1.60GHz	794	2277	NA	NA
Intel Celeron N2807 @ 1.50GHz	853	2249	NA	NA
Intel Celeron N2808 @ 1.50GHz	913	2221	NA	NA
Intel Celeron N2810 @ 2.00GHz	782	2280	5.59	\$139.99*
Intel Celeron N2815 @ 1.86GHz	856	2247	NA	NA
Intel Celeron N2820 @ 2.13GHz	930	2208	4.43	\$209.99*
Intel Celeron N2830 @ 2.16GHz	951	2193	NA	NA
Intel Celeron N2840 @ 2.16GHz	1002	2153	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2041	NA	NA
Intel Celeron N2920 @ 1.86GHz	1499	1888	NA	NA
Intel Celeron N2930 @ 1.93GHz	1628	1827	NA	NA
Intel Celeron N2940 @ 1.83GHz	1733	1762	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2228	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2182	NA	NA
Intel Celeron N3050 @ 1.60GHz	878	2234	6.07	\$144.88*
Intel Celeron N3060 @ 1.60GHz	990	2168	NA	NA
Intel Celeron N3150 @ 1.60GHz	1655	1814	NA	NA
Intel Celeron N3160 @ 1.60GHz	1674	1799	5.84	\$286.99*
Intel Celeron N3350 @ 1.10GHz	1107	2095	NA	NA
Intel Celeron N3450 @ 1.10GHz	1849	1710	11.55	\$160.20*
Intel Celeron N4000 @ 1.10GHz	1468	1900	13.73	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2320	1498	21.69	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1119	2083	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2163	NA	NA
Intel Celeron P4600 @ 2.00GHz	1337	1962	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2284	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2195	47.53	\$19.99*

Intel Celeron E3500 @ 2.70GHz	1454	1906	26.27	\$39.99*
Intel Celeron G440 @ 1.60GHz	690	2325	13.21	\$49.99*
Intel Celeron G460 @ 1.80GHz	1029	2137	66.89	\$16.39*
Intel Celeron G465 @ 1.90GHz	1064	2119	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	1982	NA	NA
Intel Celeron G530 @ 2.40GHz	2131	1581	53.29	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1768	NA	NA
Intel Celeron G540 @ 2.50GHz	2199	1556	48.89	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1588	NA	NA
Intel Celeron G550 @ 2.60GHz	2289	1513	114.51	\$19.99*
Intel Celeron G550T @ 2.20GHz	2083	1610	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1464	69.57	\$40.00*
Intel Celeron G1101 @ 2.27GHz	1667	1806	34.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2489	1441	99.63	\$24.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1610T @ 2.30GHz	2284	1517	57.04	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2574	1407	16.76	\$153.59*
Intel Celeron G1620T @ 2.40GHz	2353	1493	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1439	49.89	\$49.99*
Intel Celeron G1820 @ 2.70GHz	2753	1354	30.60	\$89.99*
Intel Celeron G1820T @ 2.40GHz	2505	1435	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1579	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1420	26.80	\$94.95*
Intel Celeron G1840 @ 2.80GHz	2861	1317	21.89	\$106.71*
Intel Celeron G1840T @ 2.50GHz	2605	1395	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1297	36.28	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3151	1220	70.64	\$44.99*
Intel Celeron G3900E @ 2.40GHz	2679	1374	NA	NA
Intel Celeron G3900T @ 2.60GHz	2919	1255	NA	NA
Intel Celeron G3900TE @ 2.30GHz	2591	1402	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1226	39.05	\$79.99*
Intel Celeron G3930 @ 2.90GHz	3039	1255	59.40	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1345	32.17	\$85.99*
Intel Celeron G3950 @ 3.00GHz	3006	1265	42.21	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3262	1175	59.33	\$54.99*
Intel Celeron G4900T @ 2.90GHz	2960	1280	NA	NA
Intel Celeron G4920 @ 3.20GHz	3150	1221	47.02	\$66.99*
Intel Celeron J1750 @ 2.41GHz	1037	2133	NA	NA
Intel Celeron J1800 @ 2.41GHz	1027	2139	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1835	NA	NA
Intel Celeron J1900 @ 1.99GHz	1845	1712	NA	NA
Intel Celeron J3060 @ 1.60GHz	972	2176	NA	NA
Intel Celeron J3160 @ 1.60GHz	1791	1735	NA	NA
Intel Celeron J3355 @ 2.00GHz	1193	2045	NA	NA
Intel Celeron J3455 @ 1.50GHz	2131	1580	5.61	\$379.99*
Intel Celeron J4005 @ 2.00GHz	1560	1859	11.11	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2633	1386	24.61	\$107.00*
Intel Celeron M 1.00GHz	207	2767	16.60	\$12.49*
Intel Celeron M 1.30GHz	316	2625	NA	NA

Intel Celeron T1700 @ 1.82GHz	1058	2123	17.65	\$59.95*
Intel Celeron U1900 @ 1.90GHz	1704	1782	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2307	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2328	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2272	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2126	87.68	\$11.99*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2069	23.15	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1270	2004	211.74	\$6.00*
Intel Core2 Duo E4600 @ 2.40GHz	1385	1936	8.77	\$167.96*
Intel Core2 Duo E4700 @ 2.60GHz	1482	1896	54.93	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1109	2091	85.42	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1184	2051	23.70	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1289	1990	43.04	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1360	1950	27.21	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1458	1904	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1497	1888	100.19	\$14.35*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6600 @ 2.40GHz	1553	1862	103.65	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1791	56.47	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1715	1770	166.60	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1946	1659	38.95	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1631	1823	33.30	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1726	1764	43.30	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1772	1742	61.16	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1698	125.08	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1969	1649	16.42	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1520	1875	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1746	1753	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1894	1694	37.70	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1656	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1492	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1992	1637	99.68	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1711	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1584	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2148	1573	13.60	\$157.95*
Intel Core2 Duo E8425 @ 3.06GHz	2127	1585	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2282	1519	57.08	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2404	1471	48.10	\$49.99*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1550	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2289	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2329	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2263	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2251	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	964	2183	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2175	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2084	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	2118	NA	NA
Intel Core2 Duo L9600 @ 2.12GHz	1325	1968	NA	NA

Intel Core2 Duo P7350 @ 2.00GHz	1291	1987	64.61	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1296	1981	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	1922	35.42	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2159	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1878	6.50	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1437	1912	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2144	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1455	1905	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1867	31.24	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1829	42.75	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1757	30.55	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1858	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1756	1749	1.76	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1738	1759	17.56	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1853	1702	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2013	1631	NA	NA
Intel Core2 Duo Q6600 @ 3.00GHz	589	2373	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1284	2007	5.00	\$253.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo SP9400 @ 2.40GHz	1676	1798	5.80	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	932	2208	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	832	2258	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	836	2257	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2267	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	933	2205	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	912	2222	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2225	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2213	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1042	2131	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1028	2138	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2165	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1093	2105	109.49	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1110	2090	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1195	2043	75.21	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1148	2074	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	2036	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1225	2028	81.73	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1286	1991	85.84	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1256	2009	32.64	\$98.50*
Intel Core2 Duo T6600 @ 2.20GHz	1361	1948	72.02	\$18.50*
Intel Core2 Duo T6670 @ 2.20GHz	1364	1944	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1017	2146	46.29	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1165	2063	11.66	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1114	2087	5.53	\$201.46*
Intel Core2 Duo T7300 @ 2.00GHz	1192	2046	38.48	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1246	2018	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1274	2001	26.64	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1381	1938	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1422	1920	10.17	\$139.85*

Intel Core2 Duo T7800 @ 2.60GHz	1586	1850	2.61	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1297	1983	1.20	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1471	1898	13.51	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1672	1801	28.95	\$87.99*
Intel Core2 Duo T9400 @ 2.53GHz	1740	1758	24.88	\$69.99*
Intel Core2 Duo T9500 @ 2.60GHz	1796	1733	NA	NA
Intel Core2 Duo T9500 @ 2.66GHz	1805	1731	6.04	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1928	1667	21.44	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2019	1628	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2133	1578	5.35	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	872	2237	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2371	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2335	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2321	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2242	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1133	2082	NA	NA
Intel Core2 Duo X7300 @ 2.53GHz	1687	1792	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1061	3.25	\$1,125.00*
Intel Core2 Extreme Q6900 @ 3.00GHz	3634	1083	2.43	\$1,495.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1129	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1872	1659	7.10	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1732	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1964	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1794	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1895	1687	4.62	\$408.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2063	1609	2.42	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4159	968	4.24	\$889.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	901	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	875	2.67	\$1,608.99*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	864	2.57	\$1,605.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2950	1283	73.81	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3285	1173	73.03	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2810	1333	122.27	\$22.89*
Intel Core2 Quad Q8300 @ 2.50GHz	2981	1271	59.65	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3164	1213	13.19	\$239.99*
Intel Core2 Quad Q9000 @ 2.00GHz	2524	1424	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1186	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3160	1216	63.22	\$46.99*
Intel Core2 Quad Q9400 @ 2.66GHz	3340	1163	98.29	\$33.99*
Intel Core2 Quad Q9450 @ 2.80GHz	3760	1051	105.33	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3537	1110	101.09	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3581	1101	18.74	\$160.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3966	1006	89.14	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4163	966	50.48	\$89.99*
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1010	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	350	2593	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2634	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2512	NA	NA

Intel Core2 Solo U3500 @ 1.40GHz	465	2461	NA	NA
Intel Core 330 @ 1.60GHz	643	2346	NA	NA
Intel Core 860 @ 2.80GHz	4555	886	14.74	\$308.00*
Intel Core Duo L2300 @ 1.50GHz	719	2310	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2313	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2296	NA	NA
Intel Core Duo T2950 @ 1.60GHz	693	2324	NA	NA
Intel Core Duo T2250 @ 1.73GHz	756	2293	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2304	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2288	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2275	49.59	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2262	NA	NA
Intel Core Duo T2500 @ 2.00GHz	867	2239	7.23	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2202	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2143	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2395	NA	NA
Intel Core Duo U2500 @ 1.20GHz	512	2418	NA	NA
Intel Core i3-310E @ 2.13GHz	1935	1665	NA	NA
Intel Core i3-330M @ 2.13GHz	1787	1738	36.61	\$48.56*
Intel Core i3-350M @ 1.20GHz	1075	2117	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-350M @ 2.27GHz	1893	1688	17.30	\$108.95*
Intel Core i3-370M @ 2.40GHz	2014	1629	50.42	\$28.96*
Intel Core i3-380M @ 2.52GHz	2094	1588	34.93	\$59.99*
Intel Core i3-380UM @ 1.33GHz	1160	2068	NA	NA
Intel Core i3-390M @ 2.67GHz	2180	1561	55.99	\$38.95*
Intel Core i3-530 @ 2.93GHz	2566	1413	13.52	\$189.86*
Intel Core i3-540 @ 3.07GHz	2687	1371	107.60	\$24.99*
Intel Core i3-550 @ 3.20GHz	2829	1323	16.08	\$176.00*
Intel Core i3-560 @ 3.33GHz	2937	1287	16.32	\$179.95*
Intel Core i3-2100 @ 3.10GHz	3690	1075	61.52	\$69.99*
Intel Core i3-2100T @ 2.60GHz	2952	1281	49.21	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1061	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3706	1066	32.24	\$114.99*
Intel Core i3-2120 @ 3.30GHz	3927	1015	70.15	\$55.99*
Intel Core i3-2120T @ 2.60GHz	3164	1212	19.78	\$168.00*
Intel Core i3-2125 @ 3.30GHz	4019	991	19.42	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4068	984	58.14	\$69.99*
Intel Core i3-2140 @ 3.50GHz	4325	939	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1320	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2431	1460	54.04	\$44.99*
Intel Core i3-2312M @ 2.10GHz	2374	1482	NA	NA
Intel Core i3-2328M @ 2.20GHz	2541	1422	27.33	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1242	NA	NA
Intel Core i3-2330M @ 2.20GHz	2523	1426	14.83	\$170.20*
Intel Core i3-2332M @ 2.20GHz	2282	1479	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1766	NA	NA
Intel Core i3-2345M @ 2.30GHz	2615	1391	NA	NA
Intel Core i3-2350M @ 2.30GHz	2623	1386	71.27	\$36.81*

Intel Core i3-2357M @ 1.30GHz	1556	1861	NA	NA
Intel Core i3-2355M @ 1.40GHz	1678	1797	NA	NA
Intel Core i3-2367M @ 1.40GHz	1708	1779	NA	NA
Intel Core i3-2370M @ 2.40GHz	2776	1343	69.75	\$39.81*
Intel Core i3-2375M @ 1.60GHz	1774	1740	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1722	NA	NA
Intel Core i3-3110M @ 2.40GHz	3079	1240	38.62	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3219	1195	23.16	\$139.00*
Intel Core i3-3130M @ 2.60GHz	3379	1152	NA	NA
Intel Core i3-3210 @ 3.20GHz	4032	989	36.67	\$109.99*
Intel Core i3-3217U @ 1.50GHz	2303	1508	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1569	NA	NA
Intel Core i3-3220 @ 3.30GHz	4240	951	53.04	\$79.95*
Intel Core i3-3220T @ 2.80GHz	3694	1072	13.49	\$273.95*
Intel Core i3-3225 @ 3.30GHz	4342	933	36.49	\$119.00*
Intel Core i3-3227U @ 1.50GHz	2470	1448	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1785	NA	NA
Intel Core i3-3240 @ 3.40GHz	4314	941	15.25	\$282.99*
Intel Core i3-3240T @ 2.90GHz	3653	1082	NA	NA
Intel Core i3-3245 @ 3.40GHz	4437	912	55.47	\$76.99*
Intel Core i3-3250 @ 3.50GHz	4447	910	46.82	\$84.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3250T @ 3.00GHz	3614	1086	NA	NA
Intel Core i3-4000M @ 2.40GHz	3248	1182	16.25	\$159.95*
Intel Core i3-4005U @ 1.70GHz	2440	1458	NA	NA
Intel Core i3-4010U @ 1.70GHz	2437	1459	22.16	\$110.00*
Intel Core i3-4010Y @ 1.20GHz	1900	1682	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2163	1568	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2212	1551	NA	NA
Intel Core i3-4025U @ 1.90GHz	2782	1342	NA	NA
Intel Core i3-4030U @ 1.90GHz	2712	1365	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1434	NA	NA
Intel Core i3-4100M @ 2.50GHz	3443	1133	15.76	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	1022	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1305	NA	NA
Intel Core i3-4120U @ 2.80GHz	3050	1252	NA	NA
Intel Core i3-4130 @ 3.40GHz	4800	844	21.53	\$222.99
Intel Core i3-4130T @ 2.90GHz	4141	972	46.54	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4886	825	28.81	\$169.99*
Intel Core i3-4150T @ 3.00GHz	4229	953	18.39	\$229.95*
Intel Core i3-4158U @ 2.80GHz	2914	1296	NA	NA
Intel Core i3-4160 @ 3.60GHz	5051	793	25.31	\$192.00*
Intel Core i3-4160T @ 3.10GHz	4423	918	29.49	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5191	768	43.63	\$119.00*
Intel Core i3-4170T @ 3.20GHz	4549	889	21.67	\$209.66*
Intel Core i3-4330 @ 3.50GHz	5091	779	29.29	\$179.99*
Intel Core i3-4330T @ 3.60GHz	4486	906	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1198	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	761	30.64	\$169.99*

Intel Core i3-4350 @ 3.00GHz	4963	813	29.20	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	943	NA	NA
Intel Core i3-4360 @ 3.70GHz	5460	726	37.92	\$143.99
Intel Core i3-4360T @ 3.20GHz	4636	868	NA	NA
Intel Core i3-4370 @ 3.00GHz	5611	706	13.62	\$415.00*
Intel Core i3-4370T @ 3.30GHz	4890	827	35.44	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	820	NA	NA
Intel Core i3-5005U @ 2.00GHz	2903	1303	NA	NA
Intel Core i3-5010U @ 2.10GHz	3054	1248	9.04	\$337.76*
Intel Core i3-5015U @ 2.10GHz	3007	1263	NA	NA
Intel Core i3-5020U @ 2.20GHz	3189	1202	6.95	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3663	1079	NA	NA
Intel Core i3-6006U @ 2.00GHz	3089	1236	NA	NA
Intel Core i3-6098P @ 3.60GHz	5424	731	40.56	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5486	719	45.34	\$120.99*
Intel Core i3-6100E @ 2.70GHz	3769	1049	NA	NA
Intel Core i3-6100H @ 2.70GHz	4249	949	NA	NA
Intel Core i3-6100T @ 3.20GHz	4857	834	25.57	\$189.99*
Intel Core i3-6100TE @ 2.70GHz	4337	935	NA	NA
Intel Core i3-6100U @ 2.30GHz	3603	1090	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	1032	NA	NA
Intel Core i3-6200 @ 3.80GHz	5844	678	33.21	\$175.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-6200T @ 3.30GHz	5249	760	33.87	\$154.00*
Intel Core i3-6220 @ 3.90GHz	6047	658	33.23	\$161.99
Intel Core i3-7020U @ 2.30GHz	3492	1117	12.43	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5780	683	34.82	\$166.00*
Intel Core i3-7100H @ 3.00GHz	4696	859	20.87	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5044	798	56.68	\$89.00*
Intel Core i3-7100U @ 2.40GHz	3777	1047	8.47	\$446.23*
Intel Core i3-7101TE @ 2.40GHz	5196	767	44.42	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4096	981	14.58	\$281.00*
Intel Core i3-7167U @ 2.80GHz	4757	851	NA	NA
Intel Core i3-7500 @ 4.00GHz	6378	625	37.12	\$171.84*
Intel Core i3-7500T @ 3.50GHz	5369	739	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6488	611	35.51	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6628	600	32.49	\$205.99
Intel Core i3-8100 @ 3.60GHz	8073	458	64.69	\$124.99*
Intel Core i3-8100B @ 3.60GHz	8431	430	63.39	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7453	518	53.62	\$139.00*
Intel Core i3-8109U @ 3.00GHz	6172	642	NA	NA
Intel Core i3-8121U @ 2.20GHz	4738	854	NA	NA
Intel Core i3-8130U @ 2.20GHz	5069	787	18.04	\$281.00*
Intel Core i3-8145U @ 2.10GHz	4500	902	16.02	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8657	415	45.42	\$190.61*
Intel Core i3-8300T @ 3.20GHz	8032	464	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9195	363	45.08	\$202.99
Intel Core i5-750S @ 2.40GHz	2197	1558	21.97	\$99.99*

Intel Core i5 E 520 @ 2.40GHz	2486	1442	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3603	1088	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3741	1059	NA	NA
Intel Core i5-4300M @ 2.27GHz	2097	1597	14.99	\$129.95*
Intel Core i5-4300U @ 1.20GHz	1341	1959	NA	NA
Intel Core i5-450M @ 2.40GHz	2124	1586	66.50	\$31.95*
Intel Core i5-460M @ 2.53GHz	2325	1496	31.02	\$74.95*
Intel Core i5-4700M @ 1.33GHz	1081	2114	NA	NA
Intel Core i5-480M @ 2.67GHz	2403	1472	29.82	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1536	NA	NA
Intel Core i5-520M @ 2.40GHz	2370	1487	33.87	\$69.99*
Intel Core i5-520UM @ 1.07GHz	1356	1953	NA	NA
Intel Core i5-540M @ 2.53GHz	2454	1453	12.92	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	1941	NA	NA
Intel Core i5-560M @ 2.67GHz	2592	1406	28.71	\$89.97*
Intel Core i5-580UM @ 1.33GHz	1664	1808	NA	NA
Intel Core i5-580M @ 2.67GHz	2593	1401	23.59	\$109.95*
Intel Core i5-650 @ 3.20GHz	3099	1234	36.23	\$85.55*
Intel Core i5-655K @ 3.20GHz	3398	1142	56.67	\$59.99*
Intel Core i5-660 @ 3.33GHz	3252	1178	9.30	\$349.95*
Intel Core i5-661 @ 3.33GHz	3183	1203	31.84	\$89.99*
Intel Core i5-670 @ 3.47GHz	3309	1168	36.77	\$89.99*
Intel Core i5-680 @ 3.60GHz	3509	1113	38.99	\$89.99*
Intel Core i5-750 @ 2.67GHz	3692	1074	39.90	\$92.65*

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Intel Core i5-760 @ 2.80GHz	3886	1020	43.19	\$89.99*
Intel Core i5-2300 @ 2.80GHz	5352	742	66.91	\$79.99*
Intel Core i5-2310 @ 2.80GHz	5540	713	29.74	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5767	687	36.05	\$160.00*
Intel Core i5-2390P @ 3.10GHz	5749	689	31.94	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4226	954	42.31	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5966	663	41.15	\$144.99*
Intel Core i5-2400S @ 2.50GHz	4981	811	75.83	\$65.70*
Intel Core i5-2405S @ 2.80GHz	5082	782	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3166	1210	43.98	\$72.00*
Intel Core i5-2415M @ 2.30GHz	3299	1170	NA	NA
Intel Core i5-2430M @ 2.40GHz	3281	1174	39.01	\$84.11*
Intel Core i5-2435M @ 2.40GHz	3224	1191	NA	NA
Intel Core i5-2450M @ 2.50GHz	3400	1141	38.64	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6132	648	65.14	\$99.99*
Intel Core i5-2467M @ 1.60GHz	2323	1497	NA	NA
Intel Core i5-2500 @ 3.30GHz	6337	630	21.13	\$299.89
Intel Core i5-2500K @ 3.30GHz	6477	613	56.23	\$115.00*
Intel Core i5-2500S @ 2.70GHz	5349	744	71.24	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4639	866	NA	NA
Intel Core i5-2510E @ 2.60GHz	3483	1121	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1167	NA	NA
Intel Core i5-2520M @ 2.80GHz	3590	1092	21.17	\$169.60*
Intel Core i5-2627M @ 1.40GHz	2100	1596	NA	NA

Intel Core i5-2540M @ 2.80GHz	3783	1045	65.21	\$58.02*
Intel Core i5-2550K @ 3.40GHz	6665	596	61.27	\$129.99*
Intel Core i5-2557M @ 1.70GHz	2685	1373	NA	NA
Intel Core i5-2550M @ 2.70GHz	3752	1055	NA	NA
Intel Core i5-3210M @ 2.50GHz	3826	1035	51.63	\$74.02*
Intel Core i5-3250M @ 2.60GHz	3938	1014	14.43	\$272.04*
Intel Core i5-3317U @ 1.70GHz	3080	1235	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4122	976	36.97	\$111.51*
Intel Core i5-3330 @ 3.00GHz	5937	668	21.13	\$280.99*
Intel Core i5-3330S @ 2.70GHz	5678	698	58.78	\$84.99*
Intel Core i5-3335S @ 2.70GHz	5788	682	NA	NA
Intel Core i5-3337U @ 1.80GHz	3223	1192	14.33	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1549	NA	NA
Intel Core i5-3340 @ 3.10GHz	6087	655	20.78	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4245	950	53.10	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	677	36.88	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6146	646	40.98	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4433	914	47.77	\$82.81*
Intel Core i5-3380M @ 2.90GHz	4431	915	NA	NA
Intel Core i5-3427U @ 1.80GHz	3551	1103	8.46	\$420.05*
Intel Core i5-3437U @ 1.50GHz	3634	1084	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1290	NA	NA
Intel Core i5-3450 @ 3.10GHz	6535	607	51.47	\$126.99*
Intel Core i5-3450S @ 2.80GHz	6223	636	62.24	\$99.99*
Intel Core i5-3470 @ 3.20GHz	6712	591	32.59	\$205.99

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Intel Core i5-3470S @ 2.90GHz	6389	627	41.23	\$154.49*
Intel Core i5-3470T @ 2.90GHz	4484	907	14.52	\$309.95*
Intel Core i5-3475S @ 2.90GHz	6619	602	46.13	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6960	566	20.49	\$338.95*
Intel Core i5-3550S @ 3.00GHz	6906	571	20.25	\$341.01*
Intel Core i5-3570 @ 3.40GHz	7121	552	44.51	\$159.99*
Intel Core i5-3570K @ 3.40GHz	7174	547	51.61	\$139.00*
Intel Core i5-3570S @ 3.10GHz	6781	585	23.73	\$285.00*
Intel Core i5-3670T @ 2.30GHz	5901	669	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3986	1019	NA	NA
Intel Core i5-4200K @ 2.80GHz	4440	911	NA	NA
Intel Core i5-4200M @ 2.50GHz	4034	988	49.73	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3292	1172	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1469	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2261	1532	NA	NA
Intel Core i5-4210K @ 2.90GHz	4534	896	NA	NA
Intel Core i5-4210M @ 2.60GHz	4194	960	13.53	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3402	1140	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2378	1480	NA	NA
Intel Core i5-4228Y @ 1.60GHz	2307	1505	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1304	NA	NA
Intel Core i5-4250U @ 1.30GHz	3450	1130	9.61	\$358.99*
Intel Core i5-4258U @ 2.40GHz	4082	982	NA	NA

Intel Core i5-4260U @ 1.40GHz	3571	1099	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	928	NA	NA
Intel Core i5-4288U @ 2.60GHz	4337	934	NA	NA
Intel Core i5-4300M @ 2.60GHz	4424	917	NA	NA
Intel Core i5-4300U @ 1.90GHz	3742	1058	NA	NA
Intel Core i5-4300Y @ 1.50GHz	2499	1438	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1275	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	956	NA	NA
Intel Core i5-4310M @ 2.70GHz	4630	871	NA	NA
Intel Core i5-4310U @ 2.00GHz	3753	1054	NA	NA
Intel Core i5-4330M @ 2.80GHz	4547	891	16.64	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4828	837	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1087	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	890	17.10	\$286.00*
Intel Core i5-4402E @ 1.60GHz	3947	1011	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1334	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6331	631	21.11	\$299.97*
Intel Core i5-4430S @ 2.70GHz	5938	666	37.12	\$189.99*
Intel Core i5-4440 @ 3.10GHz	6508	609	13.09	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6225	635	13.45	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6716	590	23.99	\$279.99
Intel Core i5-4460S @ 2.90GHz	6409	622	9.71	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4955	816	NA	NA
Intel Core i5-4570 @ 3.20GHz	7141	548	40.81	\$174.99*
Intel Core i5-4570R @ 2.70GHz	6770	582	NA	NA
Intel Core i5-4570S @ 2.90GHz	6813	577	39.16	\$173.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4570T @ 2.90GHz	4809	838	32.07	\$149.99*
Intel Core i5-4570TE @ 2.70GHz	3927	1034	19.14	\$199.99*
Intel Core i5-4590 @ 3.00GHz	7321	535	33.43	\$216.99
Intel Core i5-4590S @ 3.00GHz	7057	567	26.01	\$195.99*
Intel Core i5-4590T @ 2.00GHz	5610	707	26.72	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7451	519	46.87	\$269.60*
Intel Core i5-4670K @ 3.40GHz	7632	503	22.20	\$343.81*
Intel Core i5-4670K CPT @ 3.40GHz	7411	526	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	524	26.28	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7327	534	34.40	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6168	644	23.81	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7673	502	17.44	\$439.97*
Intel Core i5-4690K @ 3.50GHz	7795	487	25.71	\$303.16*
Intel Core i5-4690S @ 3.20GHz	7449	520	16.57	\$448.53*
Intel Core i5-4690T @ 2.50GHz	6478	612	NA	NA
Intel Core i5-5200U @ 2.20GHz	3487	1120	NA	NA
Intel Core i5-5250U @ 1.60GHz	3584	1096	3.11	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4406	921	NA	NA
Intel Core i5-5287U @ 2.90GHz	4688	861	NA	NA
Intel Core i5-6300U @ 2.30GHz	3823	1096	7.41	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3482	1122	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	515	NA	NA

Intel Core i7-4810MQ @ 2.80GHz	8647	416	20.35	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9710	323	44.14	\$2,199.99*
Intel Core i7-4850HQ @ 2.30GHz	9051	377	20.86	\$434.80*
Intel Core i7-4860EQ @ 1.80GHz	7818	483	NA	NA
Intel Core i7-4880HO @ 2.40GHz	9267	360	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9367	349	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8989	385	15.32	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9363	350	20.36	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13009	183	21.74	\$599.28*
Intel Core i7-4930MX @ 3.00GHz	9487	336	8.66	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9914	301	13.96	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9807	312	15.74	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13796	163	17.92	\$769.99*
Intel Core i7-4980Q @ 2.80GHz	10244	272	NA	NA
Intel Core i7-5500U @ 2.40GHz	3977	1002	NA	NA
Intel Core i7-5550U @ 2.00GHz	3686	1076	NA	NA
Intel Core i7-6567U @ 3.10GHz	4954	817	7.03	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4313	942	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	955	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	449	NA	NA
Intel Core i7-6700EQ @ 2.60GHz	8239	441	NA	NA
Intel Core i7-6700HQ @ 2.70GHz	8367	434	NA	NA
Intel Core i7-5775C @ 3.30GHz	10981	240	16.00	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10893	243	NA	NA
Intel Core i7-5820K @ 3.30GHz	12985	184	43.29	\$299.99*
Intel Core i7-5950EQ @ 2.70GHz	9817	311	22.57	\$435.00*
Intel Core i7-5950HQ @ 2.70GHz	9459	341	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13631	168	27.32	\$498.99*
Intel Core i7-5950HQ @ 2.90GHz	10932	242	NA	NA
Intel Core i7-5960X @ 3.00GHz	15948	110	13.40	\$1,190.12*
Intel Core i7-6495DU @ 2.50GHz	4538	895	NA	NA
Intel Core i7-6500U @ 2.50GHz	4429	916	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6500U @ 2.20GHz	4809	839	NA	NA
Intel Core i7-6507U @ 3.30GHz	5656	703	NA	NA
Intel Core i7-6600U @ 2.60GHz	4800	845	NA	NA
Intel Core i7-6650U @ 2.20GHz	4963	812	NA	NA
Intel Core i7-6700 @ 2.40GHz	10005	295	29.87	\$335.00*
Intel Core i7-6700HQ @ 2.60GHz	8133	454	21.52	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11109	232	24.86	\$446.79*
Intel Core i7-6700T @ 2.80GHz	9024	382	30.08	\$300.00*
Intel Core i7-6700TE @ 2.40GHz	8696	410	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9723	322	3.71	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13582	171	29.66	\$458.00*
Intel Core i7-6820EQ @ 2.80GHz	8758	406	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9120	370	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8772	405	NA	NA
Intel Core i7-6822EQ @ 2.80GHz	6427	619	NA	NA

Intel Core i9-9940X @ 3.30GHz	27138	8	19.38	\$1,399.99
Intel Core i9-9960X @ 3.10GHz	29750	1	17.50	\$1,699.99
Intel Core i9-9980XE @ 3.00GHz	29136	2	12.12	\$2,403.55*
Intel Core m3-6Y30 @ 0.90GHz	3051	1251	10.86	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3550	1105	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3052	1250	NA	NA
Intel Core m3-8Y00Y @ 1.10GHz	3447	1131	12.27	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3373	1153	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3244	1185	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3478	1124	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2702	1368	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1478	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2817	1329	10.02	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2632	1322	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2477	1446	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1259	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2972	1274	16.58	\$281.00*
Intel Core Solo T1300 @ 1.65GHz	393	2546	NA	NA
Intel Core Solo T1350 @ 1.80GHz	396	2539	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2456	NA	NA
Intel Core Solo U1200 @ 1.06GHz	271	2700	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2693	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2614	NA	NA
Intel E3900 @ 3.40GHz	2767	1344	NA	NA
Intel Pentium 4 1.40GHz	164	2800	NA	NA
Intel Pentium 4 1.50GHz	131	2817	NA	NA
Intel Pentium 4 1.60GHz	129	2819	NA	NA
Intel Pentium 4 1.70GHz	132	2816	NA	NA
Intel Pentium 4 1.80GHz	161	2803	NA	NA
Intel Pentium 4 1.90GHz	159	2804	NA	NA
Intel Pentium 4 2.00GHz	189	2782	NA	NA
Intel Pentium 4 2.20GHz	209	2764	NA	NA
Intel Pentium 4 2.26GHz	221	2752	NA	NA
Intel Pentium 4 2.40GHz	228	2745	NA	NA
Intel Pentium 4 2.50GHz	245	2730	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.53GHz	248	2726	NA	NA
Intel Pentium 4 2.60GHz	288	2672	NA	NA
Intel Pentium 4 2.66GHz	254	2718	NA	NA
Intel Pentium 4 2.80GHz	322	2620	NA	NA
Intel Pentium 4 2.93GHz	299	2654	NA	NA
Intel Pentium 4 3.00GHz	353	2591	NA	NA
Intel Pentium 4 3.06GHz	347	2595	NA	NA
Intel Pentium 4 3.20GHz	374	2563	NA	NA
Intel Pentium 4 3.40GHz	396	2541	NA	NA
Intel Pentium 4 3.46GHz	487	2436	NA	NA
Intel Pentium 4 3.60GHz	487	2438	NA	NA
Intel Pentium 4 3.73GHz	486	2440	NA	NA
Intel Pentium 4 3.80GHz	485	2442	NA	NA

Intel Core i7-6850K @ 3.60GHz	14369	146	26.13	\$550.00*
Intel Core i7-6900K @ 3.20GHz	17865	79	14.72	\$1,199.98*
Intel Core i7-6920HQ @ 2.90GHz	9593	329	16.89	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19955	49	12.24	\$1,630.00*
Intel Core i7-7600U @ 2.70GHz	5158	772	NA	NA
Intel Core i7-7600U @ 2.40GHz	5849	676	NA	NA
Intel Core i7-7567U @ 3.10GHz	6495	610	NA	NA
Intel Core i7-7600U @ 2.80GHz	5088	780	NA	NA
Intel Core i7-7660U @ 2.50GHz	6015	660	NA	NA
Intel Core i7-7700 @ 3.60GHz	10735	248	32.05	\$334.99
Intel Core i7-7700HQ @ 2.80GHz	8819	401	NA	NA
Intel Core i7-7700K @ 4.20GHz	12037	212	34.39	\$349.99*
Intel Core i7-7700T @ 2.90GHz	9278	357	25.42	\$365.00
Intel Core i7-7740X @ 4.30GHz	12276	203	20.48	\$599.99*
Intel Core i7-7800X @ 3.50GHz	14602	138	37.44	\$389.99
Intel Core i7-7820HK @ 2.90GHz	9988	296	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9268	359	24.52	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18489	69	27.51	\$672.04*
Intel Core i7-7900X @ 3.30GHz	20153	48	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9968	299	NA	NA
Intel Core i7-8080K @ 4.00GHz	16692	89	30.19	\$552.56*
Intel Core i7-8500Y @ 1.50GHz	3721	1064	9.47	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8302	438	NA	NA
Intel Core i7-8550U @ 2.70GHz	12270	204	NA	NA
Intel Core i7-8565U @ 1.50GHz	9059	374	NA	NA
Intel Core i7-8650U @ 1.90GHz	8817	402	NA	NA
Intel Core i7-8700 @ 3.20GHz	15142	128	48.07	\$314.99
Intel Core i7-8700B @ 3.20GHz	14905	133	49.19	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15965	109	42.02	\$378.99
Intel Core i7-8700T @ 2.40GHz	12694	192	24.94	\$509.00*
Intel Core i7-8705G @ 3.10GHz	10012	292	NA	NA
Intel Core i7-8706G @ 3.10GHz	10549	256	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	318	NA	NA
Intel Core i7-8750H @ 2.20GHz	12481	198	31.60	\$395.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8909G @ 3.10GHz	11025	237	NA	NA
Intel Core i7-8950H @ 2.60GHz	13167	180	33.34	\$395.00*
Intel Core i7-8700K @ 3.60GHz	17250	83	42.08	\$409.99
Intel Core i7-9000X @ 3.80GHz	19812	53	31.45	\$629.99
Intel Core i9-7900X @ 3.30GHz	21867	31	20.87	\$1,048.99
Intel Core i9-7920X @ 2.90GHz	23296	23	19.41	\$1,199.99
Intel Core i9-7940X @ 3.10GHz	25405	15	18.16	\$1,399.00
Intel Core i9-7960X @ 2.80GHz	25819	12	18.44	\$1,399.99
Intel Core i9-7980XE @ 2.60GHz	27878	6	13.60	\$2,049.99
Intel Core i9-8960HK @ 2.90GHz	14433	144	24.76	\$583.00*
Intel Core i9-9820X @ 3.20GHz	21500	38	26.88	\$789.99
Intel Core i9-9900K @ 3.60GHz	20176	47	38.07	\$529.99
Intel Core i9-9900X @ 3.60GHz	23088	25	23.09	\$999.99
Intel Core i9-9920X @ 3.50GHz	25942	11	21.62	\$1,199.99*

Intel Pentium 4 3.83GHz	195	2777	NA	NA
Intel Pentium 4 4.00GHz	184	2787	NA	NA
Intel Pentium 4 1300MHz	119	2823	NA	NA
Intel Pentium 4 1400MHz	127	2820	NA	NA
Intel Pentium 4 1600MHz	125	2821	NA	NA
Intel Pentium 4 1600MHz	193	2781	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2807	NA	NA
Intel Pentium 4 1800MHz	162	2802	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2810	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2776	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2793	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2765	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2796	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2763	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2772	NA	NA
Intel Pentium 5 2.66GHz	705	2318	NA	NA
Intel Pentium 957 @ 1.20GHz	1097	2101	8.18	\$124.00*
Intel Pentium 967 @ 1.30GHz	1160	2067	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2075	NA	NA
Intel Pentium 987 @ 1.50GHz	1230	2026	NA	NA
Intel Pentium 997 @ 1.60GHz	1365	1930	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1355	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1258	NA	NA
Intel Pentium 2020M @ 2.40GHz	2275	1523	16.98	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2405	1470	17.95	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1655	1813	12.36	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1820	1727	13.58	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2124	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2275	1522	NA	NA
Intel Pentium 3550U @ 1.70GHz	1697	1786	NA	NA
Intel Pentium 3550U @ 1.70GHz	1681	1793	NA	NA
Intel Pentium 3560M @ 2.40GHz	2270	1529	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2005	NA	NA
Intel Pentium 3805U @ 1.90GHz	1981	1643	NA	NA
Intel Pentium 3825U @ 1.90GHz	2516	1430	NA	NA
Intel Pentium 4405U @ 2.10GHz	2828	1292	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4405Y @ 1.50GHz	2059	1611	NA	NA
Intel Pentium 4410U @ 1.60GHz	2047	1616	12.72	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3144	1222	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2228	1546	13.83	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3246	1184	20.17	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1839	NA	NA
Intel Pentium B940 @ 2.00GHz	1728	1763	57.73	\$29.94*
Intel Pentium B950 @ 2.10GHz	1715	1771	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1708	37.81	\$48.89*
Intel Pentium B970 @ 2.30GHz	1959	1655	38.44	\$59.89*
Intel Pentium B980 @ 2.40GHz	2029	1622	29.82	\$60.95*
Intel Pentium D1508 @ 2.20GHz	3813	1040	29.56	\$129.00*

Intel Pentium D 805 @ 2.66GHz	532	2404	NA	NA	Intel Pentium III Mobile 1066MHz	246	2728	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2348	NA	NA	Intel Pentium III Mobile 1133MHz	251	2722	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2376	NA	NA	Intel Pentium III Mobile 1200MHz	240	2738	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2314	NA	NA	Intel Pentium J2850 @ 2.41GHz	1839	1717	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2300	NA	NA	Intel Pentium J2900 @ 2.41GHz	1962	1653	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2271	NA	NA	Intel Pentium J3710 @ 1.60GHz	1923	1671	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2238	5.50	\$167.95*	Intel Pentium J4205 @ 1.50GHz	2302	1510	NA	NA
Intel Pentium E2160 @ 1.80GHz	998	2158	28.52	\$35.00*	Intel Pentium M 1.10GHz	282	2683	NA	NA
Intel Pentium E2180 @ 2.00GHz	1084	2109	54.44	\$19.99*	Intel Pentium M 1.20GHz	298	2655	NA	NA
Intel Pentium E2200 @ 2.20GHz	1204	2039	16.06	\$75.00*	Intel Pentium M 1.30GHz	301	2647	NA	NA
Intel Pentium E2210 @ 2.20GHz	1174	2056	NA	NA	Intel Pentium M 1.40GHz	345	2599	NA	NA
Intel Pentium E2220 @ 2.40GHz	1328	1965	8.41	\$157.95*	Intel Pentium M 1.50GHz	356	2576	NA	NA
Intel Pentium E2220 @ 2.40GHz	1487	1893	16.83	\$89.95*	Intel Pentium M 1.60GHz	365	2580	NA	NA
Intel Pentium E2300 @ 2.60GHz	1539	1866	77.16	\$19.95*	Intel Pentium M 1.70GHz	406	2524	NA	NA
Intel Pentium E2400 @ 2.70GHz	1598	1844	79.94	\$19.99*	Intel Pentium M 1.73GHz	413	2514	NA	NA
Intel Pentium E2500 @ 2.80GHz	1641	1820	\$2.29	\$19.95*	Intel Pentium M 1.80GHz	411	2516	NA	NA
Intel Pentium E2700 @ 3.00GHz	1737	1760	-116.80	\$14.99*	Intel Pentium M 1.85GHz	439	2491	NA	NA
Intel Pentium E2800 @ 3.20GHz	1891	1669	63.07	\$29.99*	Intel Pentium M 2.00GHz	460	2469	NA	NA
Intel Pentium E2800 @ 3.20GHz	1710	1776	186.08	\$10.30*	Intel Pentium M 2.10GHz	448	2479	NA	NA
Intel Pentium E2800 @ 3.20GHz	1762	1744	11.16	\$157.95*	Intel Pentium M 2.13GHz	504	2425	NA	NA
Intel Pentium E2800 @ 3.20GHz	1862	1703	18.63	\$100.00*	Intel Pentium M 2.26GHz	509	2422	NA	NA
Intel Pentium E2800 @ 3.20GHz	1935	1664	113.93	\$16.99*	Intel Pentium M 766 @ 1.66GHz	484	2447	NA	NA
Intel Pentium E2800 @ 3.20GHz	1984	1642	22.30	\$89.00*	Intel Pentium M 800MHz	217	2757	NA	NA
Intel Pentium Extreme Edition 965 @ 3.46GHz	912	2223	1.20	\$759.00*	Intel Pentium M 1000MHz	233	2742	NA	NA
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2179	NA	NA	Intel Pentium M 1100MHz	259	2714	NA	NA
Intel Pentium G2020 @ 2.60GHz	2293	1512	91.76	\$24.99*	Intel Pentium M 1200MHz	237	2740	NA	NA
Intel Pentium G2020T @ 2.20GHz	2028	1623	25.36	\$79.99*	Intel Pentium M 1300MHz	303	2641	NA	NA
Intel Pentium G2030 @ 2.70GHz	2373	1483	23.73	\$100.00*	Intel Pentium M 1400MHz	321	2621	NA	NA
Intel Pentium G2030T @ 2.30GHz	2089	1599	26.12	\$79.99*	Intel Pentium M 1500MHz	354	2588	NA	NA
Intel Pentium G2030T @ 2.30GHz	2523	1427	28.04	\$90.00*	Intel Pentium M 1600MHz	334	2610	NA	NA
Intel Pentium G240T @ 2.40GHz	1979	1645	NA	NA	Intel Pentium M 1700MHz	377	2561	NA	NA
Intel Pentium G240T @ 2.40GHz	2589	1403	27.26	\$95.00*	Intel Pentium N3510 @ 1.59GHz	1519	1876	NA	NA
Intel Pentium G245T @ 2.90GHz	2288	1514	NA	NA	Intel Pentium N3520 @ 2.16GHz	1789	1737	NA	NA
Intel Pentium G245T @ 2.90GHz	2561	1415	73.22	\$34.99*	Intel Pentium N3530 @ 2.16GHz	1895	1686	NA	NA
Intel Pentium G245T @ 2.90GHz	2664	1378	88.85	\$28.99*	Intel Pentium N3540 @ 2.16GHz	1926	1666	7.68	\$280.87*
Intel Pentium G245T @ 2.90GHz	2742	1356	91.43	\$29.99*	Intel Pentium N3700 @ 1.60GHz	1831	1721	4.12	\$444.73*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium N3710 @ 1.60GHz	1859	1704	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium N4200 @ 1.10GHz	2026	1624	9.08	\$223.22*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium P6000 @ 1.87GHz	1244	2020	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium P6100 @ 2.00GHz	1326	1967	110.51	\$12.00*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium P6200 @ 2.13GHz	1349	1956	30.02	\$44.95*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium P6300 @ 2.27GHz	1380	1939	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium Silver J5095 @ 1.50GHz	2905	1301	13.21	\$219.92*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium Silver N5000 @ 1.10GHz	2444	1457	15.19	\$161.00*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium SU2700 @ 1.30GHz	405	2525	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium SU4100 @ 1.30GHz	855	2248	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium T1080 @ 1.73GHz	842	2253	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium T2080 @ 1.60GHz	663	2336	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium T2080 @ 1.73GHz	705	2319	4.41	\$169.95*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium T2130 @ 1.89GHz	710	2315	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium T2210 @ 1.46GHz	733	2302	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium T2330 @ 1.60GHz	830	2259	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium T2370 @ 1.73GHz	843	2252	24.10	\$350.00*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium T2390 @ 1.86GHz	945	2200	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium T2410 @ 2.00GHz	977	2173	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium T3200 @ 2.60GHz	1030	2135	65.91	\$12.00*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium T3400 @ 2.16GHz	1111	2088	12.36	\$69.95*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium T4200 @ 2.00GHz	1150	2072	95.86	\$12.00*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium T4300 @ 2.10GHz	1232	2025	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium T4400 @ 2.20GHz	1284	1995	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium T4500 @ 2.30GHz	1334	1953	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium U5400 @ 1.20GHz	813	2268	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Pentium U5600 @ 1.33GHz	951	2194	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel T1200 @ 1.50GHz	435	2497	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel T1400 @ 1.73GHz	929	2210	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel T1500 @ 1.86GHz	853	2192	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel T2050 @ 2.00GHz	959	2189	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 2.00GHz	233	2741	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 2.20GHz	252	2720	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 2.40GHz	276	2695	30.35	\$9.10*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 2.56GHz	435	2496	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 2.80GHz	400	2536	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 3.00GHz	391	2549	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 3.06GHz	491	2432	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 3.20GHz	461	2467	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 3.40GHz	478	2450	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 3.73GHz	509	2421	0.60	\$681.00*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 3.73GHz	1041	2132	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 3.90GHz	604	2365	0.71	\$891.00*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 3.90GHz	193	2780	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 3940 @ 1.89GHz	1284	1994	51.31	\$25.04*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 3950 @ 2.13GHz	1300	1978	3.23	\$187.95*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 3960 @ 2.40GHz	1518	1877	65.07	\$22.99*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 3965 @ 2.33GHz	1520	1873	72.77	\$20.90*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 3970 @ 2.66GHz	1784	1739	4.36	\$408.95*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 3975 @ 2.66GHz	1840	1715	5.26	\$349.95*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 3985 @ 3.00GHz	1570	1857	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 5110 @ 1.60GHz	1079	2115	6.75	\$159.95*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 5120 @ 1.86GHz	1246	2017	0.77	\$1619.99*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 5130 @ 2.00GHz	1369	1943	43.53	\$31.46*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 5133 @ 2.20GHz	1598	1843	NA	NA
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 5140 @ 2.33GHz	1644	1816	35.00	\$46.99*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 5148 @ 2.53GHz	1590	1849	121.17	\$19.13*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 5150 @ 2.66GHz	1755	1750	16.63	\$103.99*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon 5160 @ 3.00GHz	1963	1652	153.17	\$12.82*
Intel Pentium G270 @ 3.10GHz	2814	1331	29.01	\$97.00*	Intel Xeon @ 2.20GHz	1902	1681	NA	NA
Intel Pentium G3240 @ 3.10GHz	3157	1217	24.29	\$129.99	Intel Pentium T2080 @ 1.60GHz	663	2336	NA	NA
Intel Pentium G3240T @ 2.70GHz	2840	1318	NA	NA	Intel Pentium T2130 @ 1.89GHz	710	2315	NA	NA
Intel Pentium G3250 @ 3.20GHz	3251	1180	29.57	\$109.99*	Intel Pentium T2210 @ 1.46GHz	733	2302	NA	NA
Intel Pentium G3250T @ 2.80GHz	2971	1276	33.02	\$69.99*	Intel Pentium T2330 @ 1.60GHz	830	2259	NA	NA
Intel Pentium G3258 @ 3.20GHz	3878	1021	20.60	\$166.28*	Intel Pentium T2370 @ 1.73GHz	843	2252	24.10	\$350.00*
Intel Pentium G3260 @ 3.30GHz	3357	1157	31.98	\$104.99*	Intel Pentium T2390 @ 1.86GHz	945	2200	NA	NA
Intel Pentium G3260T @ 2.90GHz	2930	1289	32.56	\$69.99*	Intel Pentium T2410 @ 2.00GHz	977	2173	NA	NA
Intel Pentium G3320TE @ 2.30GHz	2389	1476	NA	NA	Intel Pentium T3200 @ 2.60GHz	1030	2135	65.91	\$12.00*
Intel Pentium G3420 @ 3.20GHz	3398	1144	30.80	\$109.99*	Intel Pentium T3400 @ 2.16GHz	1111	2088	12.36	\$69.95*
Intel Pentium G3420T @ 2.70GHz	3008	1262	18.80	\$159.99*	Intel Pentium T4200 @ 2.00GHz	1150	2072	95.86	\$12.00*
Intel Pentium G3430 @ 3.30GHz	3395	1146	37.74	\$69.99*	Intel Pentium T4300 @ 2.10GHz	1232	2025	NA	NA
Intel Pentium G3440 @ 3.30GHz	3314	1185	20.72	\$159.94*	Intel Pentium T4400 @ 2.20GHz	1284	1995	NA	NA
Intel Pentium G3440T @ 2.80GHz	3101	1233	NA	NA	Intel Pentium T4500 @ 2.30GHz	1334	1953	NA	NA
Intel Pentium G3450 @ 3.40GHz	3700	1069	37.01	\$99.99*	Intel Pentium U5400 @ 1.20GHz	813	2268	NA	NA
Intel Pentium G3450T @ 2.80GHz	2967	1279	NA	NA	Intel Pentium U5600 @ 1.33GHz	951	2		

Intel Xeon Bronze 3104 @ 1.70GHz	5664	700	25.17	\$224.99
Intel Xeon Bronze 3106 @ 1.70GHz	6698	593	20.20	\$329.09
Intel Xeon D-1510 @ 2.20GHz	5322	752	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	688	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	564	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	444	NA	NA
Intel Xeon D-1521 @ 2.20GHz	9730	321	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	492	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	254	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11069	234	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	461	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	143	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	156	NA	NA
Intel Xeon D-2123T @ 2.20GHz	8140	451	38.22	\$213.00*
Intel Xeon D-2141 @ 2.20GHz	12836	186	23.13	\$555.00*
Intel Xeon D-2143T @ 2.20GHz	13816	162	24.41	\$566.00*
Intel Xeon D-2183T @ 2.20GHz	18627	66	10.56	\$1,176.00*
Intel Xeon E3-1220 @ 3.10GHz	6092	653	106.05	\$56.00*
Intel Xeon E3-1220 V2 @ 3.10GHz	6683	594	91.69	\$73.00*
Intel Xeon E3-1220 V3 @ 3.10GHz	7125	549	48.14	\$148.00*
Intel Xeon E3-1220 V5 @ 3.00GHz	7755	491	37.47	\$206.99
Intel Xeon E3-1220 V6 @ 3.00GHz	7859	478	36.56	\$214.99
Intel Xeon E3-1220L @ 2.20GHz	3583	1100	NA	NA
Intel Xeon E3-1220L V2 @ 2.20GHz	4419	919	NA	NA
Intel Xeon E3-1220L V3 @ 1.10GHz	2110	1592	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5889	670	53.06	\$111.00*
Intel Xeon E3-1225 V2 @ 3.20GHz	6888	573	37.19	\$79.00*
Intel Xeon E3-1225 V3 @ 3.20GHz	7234	543	49.56	\$146.00*
Intel Xeon E3-1225 V5 @ 3.30GHz	7812	485	29.15	\$268.00*
Intel Xeon E3-1225 V6 @ 3.30GHz	8139	452	34.64	\$234.99
Intel Xeon E3-1225 V7 @ 3.30GHz	7546	509	22.62	\$335.07*
Intel Xeon E3-1230 @ 3.20GHz	7848	481	75.47	\$104.00*
Intel Xeon E3-1230 V2 @ 3.30GHz	8856	399	61.51	\$144.00*
Intel Xeon E3-1230 V3 @ 3.30GHz	9318	353	29.07	\$312.00*
Intel Xeon E3-1230 V5 @ 3.40GHz	9786	316	24.95	\$279.99*
Intel Xeon E3-1230 V6 @ 3.50GHz	9847	308	36.47	\$269.99
Intel Xeon E3-1230L V3 @ 1.80GHz	7231	544	25.12	\$287.90*
Intel Xeon E3-1231 V3 @ 3.40GHz	9827	327	17.19	\$569.95*
Intel Xeon E3-1235 @ 3.20GHz	7680	499	31.48	\$244.00*
Intel Xeon E3-1235L V5 @ 2.00GHz	6470	614	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7981	471	60.21	\$132.00*
Intel Xeon E3-1240 V2 @ 3.40GHz	9137	386	39.90	\$229.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1240 V3 @ 3.40GHz	9658	326	25.13	\$384.40*
Intel Xeon E3-1240 V5 @ 3.50GHz	10368	265	30.26	\$341.67*
Intel Xeon E3-1240 V6 @ 3.70GHz	10335	267	34.45	\$299.99
Intel Xeon E3-1240L V5 @ 2.00GHz	7513	512	NA	NA
Intel Xeon E3-1240L V5 @ 2.10GHz	7793	488	28.03	\$278.00*
Intel Xeon E3-1241 V3 @ 3.50GHz	10016	290	24.78	\$404.25*

Intel Xeon E5-1535M v5 @ 2.90GHz	9322	352	NA	NA
Intel Xeon E5-1535M v6 @ 3.10GHz	10611	253	NA	NA
Intel Xeon E5-1545M v5 @ 2.90GHz	10449	261	NA	NA
Intel Xeon E5-1575M v5 @ 3.00GHz	10761	245	NA	NA
Intel Xeon E5-1685 v5 @ 3.50GHz	10743	247	NA	NA
Intel Xeon E5-1585L v5 @ 3.00GHz	10135	280	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	537	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	522	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5576	709	21.23	\$262.59*
Intel Xeon E5-1603 v2 @ 2.80GHz	6177	641	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6432	616	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5882	672	267.51	\$21.99*
Intel Xeon E5-1607 v2 @ 3.00GHz	6213	638	19.86	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6961	565	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	540	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9050	378	27.43	\$329.00*
Intel Xeon E5-1620 v2 @ 3.70GHz	9472	339	135.33	\$69.00*
Intel Xeon E5-1620 v3 @ 3.50GHz	9766	320	61.04	\$169.99*
Intel Xeon E5-1620 v4 @ 3.50GHz	9921	300	31.01	\$319.99
Intel Xeon E5-1630 v3 @ 3.70GHz	10258	271	17.16	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10291	270	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11718	218	22.98	\$509.95*
Intel Xeon E5-1650 v2 @ 3.50GHz	12730	190	105.42	\$120.76*
Intel Xeon E5-1650 v3 @ 3.60GHz	13627	160	20.65	\$660.00*
Intel Xeon E5-1650 v4 @ 3.60GHz	14243	150	22.79	\$624.99
Intel Xeon E5-1660 @ 3.30GHz	12361	200	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13856	160	7.66	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14573	140	9.02	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16161	105	13.14	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16167	104	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16431	96	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	84	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	16238	73	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1112	10.27	\$339.97*
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1138	18.09	\$189.00*
Intel Xeon E5-2407 @ 2.20GHz	4104	978	12.25	\$335.04*
Intel Xeon E5-2407 v2 @ 2.40GHz	4498	903	9.44	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	766	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	558	18.06	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8632	419	41.30	\$209.00*
Intel Xeon E5-2430 @ 2.20GHz	6878	574	26.46	\$269.99*
Intel Xeon E5-2430 v2 @ 2.50GHz	8991	384	89.91	\$100.00*
Intel Xeon E5-2430L @ 2.00GHz	7289	539	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	601	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	364	103.72	\$49.96*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	355	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	388	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	275	27.61	\$369.00*

Intel Xeon E3-1245 @ 3.30GHz	7997	468	39.39	\$209.00*
Intel Xeon E3-1245 V2 @ 3.40GHz	9124	368	52.14	\$175.00*
Intel Xeon E3-1245 v3 @ 3.40GHz	9686	331	30.96	\$308.00*
Intel Xeon E3-1245 v5 @ 3.50GHz	10182	277	29.49	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10553	255	34.04	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9855	307	24.10	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6534	608	76.32	\$66.62*
Intel Xeon E3-1260L v5 @ 2.50GHz	10218	273	20.69	\$494.00*
Intel Xeon E3-1265L @ 2.40GHz	6038	659	6.68	\$818.36*
Intel Xeon E3-1265L V2 @ 2.50GHz	7403	527	51.98	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	9210	362	12.97	\$708.95*
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	376	NA	NA
Intel Xeon E3-1265L v3 @ 2.30GHz	7850	480	NA	NA
Intel Xeon E3-1265L v5 @ 2.40GHz	8695	411	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	442	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9468	340	33.55	\$282.22*
Intel Xeon E3-1270 v3 @ 3.50GHz	9903	302	26.77	\$368.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10296	269	21.26	\$492.00*
Intel Xeon E3-1270 v6 @ 3.50GHz	11144	230	31.84	\$249.99
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	250	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10089	285	11.36	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8328	437	27.40	\$304.00*
Intel Xeon E3-1275 V2 @ 3.50GHz	9447	344	23.93	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	9901	303	24.69	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10358	266	18.73	\$553.00*
Intel Xeon E3-1275 v6 @ 3.80GHz	11125	231	30.07	\$369.99
Intel Xeon E3-1275L v3 @ 2.70GHz	8906	394	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10186	276	9.49	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8465	426	23.01	\$368.00*
Intel Xeon E3-1280 V2 @ 3.60GHz	9447	342	11.00	\$869.00*
Intel Xeon E3-1280 v3 @ 3.60GHz	9775	319	14.02	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10866	251	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	223	20.23	\$562.00*
Intel Xeon E3-1281 v3 @ 3.70GHz	10373	264	11.82	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	260	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	258	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	214	26.57	\$450.00*
Intel Xeon E3-1295L v3 @ 3.10GHz	9981	296	12.35	\$898.02*
Intel Xeon E3-1295L v4 @ 3.40GHz	11048	236	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	304	11.00	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	335	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	409	3.63	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	324	10.97	\$885.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	626	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8935	382	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9826	309	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10093	284	NA	NA

Intel Xeon E5-2450L @ 1.60GHz	8261	439	103.28	\$79.99*
Intel Xeon E5-2470 @ 2.30GHz	10061	289	31.77	\$316.72*
Intel Xeon E5-2470 V2 @ 2.40GHz	12836	187	25.22	\$509.00*
Intel Xeon E5-2603 @ 1.80GHz	3580	1097	16.81	\$215.55*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1050	127.16	\$29.62*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	771	25.90	\$199.99*
Intel Xeon E5-2603 v4 @ 1.70GHz	5451	728	23.70	\$229.99
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	479	17.82	\$441.00*
Intel Xeon E5-2608 @ 2.40GHz	4616	874	74.47	\$61.99
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	773	36.78	\$139.99
Intel Xeon E5-2609 v3 @ 1.90GHz	5887	671	14.75	\$399.00*
Intel Xeon E5-2609 v4 @ 1.70GHz	6890	572	21.53	\$319.99
Intel Xeon E5-2618L v2 @ 2.30GHz	12186	208	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	141	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7911	474	77.23	\$102.31*
Intel Xeon E5-2620 v2 @ 2.10GHz	8685	413	46.95	\$184.99
Intel Xeon E5-2620 v2 @ 2.40GHz	10007	294	45.16	\$221.61*
Intel Xeon E5-2620 v4 @ 2.10GHz	11360	224	27.11	\$416.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	386	22.20	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8444	428	15.38	\$545.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	348	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12164	209	NA	NA
Intel Xeon E5-2629L v4 @ 1.80GHz	13101	181	9.61	\$1,264.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	238	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8860	398	92.99	\$95.23
Intel Xeon E5-2630 v2 @ 2.60GHz	10383	263	58.84	\$176.47*
Intel Xeon E5-2630 v3 @ 2.40GHz	12804	188	25.16	\$509.00*
Intel Xeon E5-2630 v4 @ 2.20GHz	13912	159	20.16	\$699.99
Intel Xeon E5-2630L @ 2.00GHz	7865	476	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	372	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9476	338	12.60	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	185	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9447	343	15.54	\$607.99*
Intel Xeon E5-2637 v3 @ 3.50GHz	10144	278	7.83	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	250	9.65	\$1,085.28*
Intel Xeon E5-2640 @ 2.50GHz	9416	346	86.10	\$109.36
Intel Xeon E5-2640 v2 @ 2.60GHz	10143	279	74.71	\$135.77
Intel Xeon E5-2640 v3 @ 2.60GHz	13915	158	11.71	\$1,188.74*
Intel Xeon E5-2640 v4 @ 2.40GHz	15364	124	15.25	\$1,000.86
Intel Xeon E5-2643 @ 3.30GHz	8436	429	3.79	\$2,236.00*
Intel Xeon E5-2643 v2 @ 3.50GHz	13030	182	78.81	\$165.24*
Intel Xeon E5-2643 v3 @ 3.40GHz	13844	161	5.62	\$2,609.96*
Intel Xeon E5-2643 v4 @ 3.40GHz	136			

Intel Xeon E5-2650 v2 @ 2.60GHz	13198	179	55.00	\$239.99
Intel Xeon E5-2650 v3 @ 2.30GHz	14852	135	15.37	\$966.53
Intel Xeon E5-2650 v4 @ 2.20GHz	15967	116	13.22	\$1,199.99
Intel Xeon E5-2650L @ 1.80GHz	8676	414	109.83	\$79.00
Intel Xeon E5-2650L v2 @ 1.70GHz	9657	306	66.15	\$149.02
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	174	9.66	\$1,399.00
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	154	9.42	\$1,498.00
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	226	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	337	6.49	\$1,462.00
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	153	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	101	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	88	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11067	235	115.30	\$95.99
Intel Xeon E5-2660 v2 @ 2.20GHz	13247	177	9.06	\$1,462.99
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	103	15.76	\$1,026.61
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	87	11.25	\$1,499.99
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	157	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11545	221	77.83	\$149.34
Intel Xeon E5-2667 @ 2.90GHz	10400	262	160.13	\$64.95
Intel Xeon E5-2667 v2 @ 3.00GHz	16186	102	21.20	\$763.56
Intel Xeon E5-2667 v3 @ 3.20GHz	16119	106	6.09	\$2,649.00
Intel Xeon E5-2667 v4 @ 3.20GHz	16554	91	7.24	\$2,287.99
Intel Xeon E5-2670 @ 2.60GHz	12116	210	75.73	\$159.99
Intel Xeon E5-2670 v2 @ 2.50GHz	14995	132	85.21	\$175.99
Intel Xeon E5-2670 v3 @ 2.30GHz	16494	92	21.36	\$772.06
Intel Xeon E5-2673 v2 @ 3.00GHz	16320	99	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16432	95	23.48	\$700.00
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	39	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15073	129	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	78	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	86	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	16	9.35	\$2,702.00
Intel Xeon E5-2689 @ 2.70GHz	12616	196	74.22	\$169.39
Intel Xeon E5-2689 v2 @ 2.80GHz	15887	113	47.43	\$334.99
Intel Xeon E5-2689 v3 @ 2.50GHz	18592	68	22.95	\$809.99
Intel Xeon E5-2689 v4 @ 2.40GHz	19886	51	10.65	\$1,866.96
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	45	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17404	60	8.77	\$1,984.99
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	64	9.12	\$2,887.49
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	131	NA	NA
Intel Xeon E5-2686 v2 @ 2.60GHz	19255	82	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	54	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14364	147	34.61	\$415.00
Intel Xeon E5-2687W v2 @ 3.40GHz	16474	93	7.82	\$2,105.58
Intel Xeon E5-2687W v3 @ 3.10GHz	17730	77	6.89	\$3,008.95
Intel Xeon E5-2687W v4 @ 3.00GHz	19855	52	6.04	\$2,195.99
Intel Xeon E5-2689 @ 2.60GHz	13427	178	NA	NA

CPU Name (higher is better) | **Passmark CPU Mark** (higher is better) | **Rank** (lower is better) | **CPU Value** (higher is better) | **Price** (USD)

Intel Xeon E5-2689 v4 @ 3.10GHz	19931	50	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13581	172	95.42	\$159.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16449	94	27.46	\$898.99
Intel Xeon E5-2690 v3 @ 2.60GHz	19185	63	8.66	\$2,215.86
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	41	9.33	\$2,169.99
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	105	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15653	119	8.79	\$1,779.95
Intel Xeon E5-2695 v3 @ 2.30GHz	19673	57	9.79	\$2,009.99
Intel Xeon E5-2696 v4 @ 2.10GHz	20258	46	7.70	\$2,630.11
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	90	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	26	9.00	\$2,498.00
Intel Xeon E5-2696 v4 @ 2.20GHz	21088	43	7.01	\$3,009.95
Intel Xeon E5-2697 v2 @ 2.70GHz	17291	81	8.76	\$1,974.91
Intel Xeon E5-2697 v3 @ 2.60GHz	21368	40	12.07	\$1,769.99
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	37	7.75	\$2,775.99
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	27	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21133	42	6.17	\$3,424.02
Intel Xeon E5-2698 v4 @ 2.20GHz	21838	33	6.02	\$3,629.59
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	28	4.97	\$4,565.95
Intel Xeon E5-2699 v4 @ 2.20GHz	23200	24	5.15	\$4,604.50
Intel Xeon E5-4603 @ 2.00GHz	5014	805	2.65	\$1,890.99
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	361	NA	NA
Intel Xeon E5-4517 @ 2.90GHz	9029	381	100.44	\$89.90
Intel Xeon E5-4520 @ 2.20GHz	8127	455	58.06	\$139.99
Intel Xeon E5-4527 v3 @ 2.60GHz	14489	142	6.04	\$3,400.00
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	120	6.97	\$2,225.00
Intel Xeon E5-4640 @ 2.40GHz	10523	257	3.85	\$2,730.00
Intel Xeon E5-4640 v3 @ 1.80GHz	12703	191	NA	NA
Intel Xeon E5-4642 v3 @ 1.70GHz	11097	233	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11860	216	124.21	\$95.49
Intel Xeon E5-4650L @ 2.60GHz	11821	217	1.36	\$8,664.50
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	201	2.66	\$4,616.00
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	112	5.20	\$3,000.00
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	117	3.20	\$4,800.00
Intel Xeon E5-4665 v4 @ 2.20GHz	13626	170	NA	NA
Intel Xeon E7-2830 @ 2.10GHz	3118	1228	1.75	\$1,779.00
Intel Xeon E3110 @ 3.00GHz	2167	1565	94.26	\$22.89
Intel Xeon E3115 @ 3.00GHz	2427	1462	247.39	\$9.79
Intel Xeon E3120 @ 3.10GHz	2241	1540	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1927	148.77	\$9.42
Intel Xeon E5240 @ 3.00GHz	2424	1463	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1530	46.22	\$49.00
Intel Xeon E5320 @ 1.86GHz	2288	1515	59.05	\$38.75
Intel Xeon E5335 @ 2.00GHz	2513	1433	141.45	\$17.77
Intel Xeon E5345 @ 2.33GHz	2923	1294	73.12	\$59.99
Intel Xeon E5405 @ 2.00GHz	2839	1319	46.12	\$59.00
Intel Xeon E5410 @ 2.33GHz	3251	1181	55.11	\$89.00
Intel Xeon E5420 @ 2.60GHz	3499	1116	13.45	\$259.95
Intel Xeon E5430 @ 2.66GHz	3770	1048	54.64	\$69.00

Passmark CPU Mark | **Rank** | **CPU Value** | **Price**

CPU Name	(higher is better)	(lower is better)	(higher is better)	(USD)
Intel Xeon E5440 @ 2.83GHz	3970	1005	209.53	\$18.95
Intel Xeon E5450 @ 3.00GHz	4189	961	77.58	\$54.80
Intel Xeon E5462 @ 2.80GHz	3870	1023	141.78	\$27.30
Intel Xeon E5472 @ 3.00GHz	4098	980	136.44	\$30.04
Intel Xeon E5502 @ 1.87GHz	1378	1940	14.51	\$95.00
Intel Xeon E5503 @ 2.00GHz	1396	1929	4.87	\$287.01
Intel Xeon E5504 @ 2.00GHz	2687	1372	38.42	\$69.95
Intel Xeon E5506 @ 2.13GHz	2975	1273	196.17	\$15.17
Intel Xeon E5507 @ 2.27GHz	3136	1233	6.86	\$466.91
Intel Xeon E5520 @ 2.27GHz	4435	913	201.71	\$21.99
Intel Xeon E5530 @ 2.40GHz	4564	885	217.44	\$20.99
Intel Xeon E5540 @ 2.53GHz	4807	840	106.84	\$45.00
Intel Xeon E5603 @ 1.80GHz	2366	1488	18.34	\$129.04
Intel Xeon E5606 @ 2.13GHz	3054	1249	13.85	\$219.00
Intel Xeon E5607 @ 2.27GHz	3387	1148	15.47	\$219.00
Intel Xeon E5620 @ 2.40GHz	4805	841	79.32	\$69.58
Intel Xeon E5630 @ 2.53GHz	5088	781	28.27	\$179.95
Intel Xeon E5640 @ 2.67GHz	5256	758	82.38	\$59.49
Intel Xeon E5645 @ 2.40GHz	6432	617	60.41	\$79.99
Intel Xeon E5649 @ 2.53GHz	6936	567	60.31	\$115.00
Intel Xeon E7320 @ 2.13GHz	2413	1465	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	482	40.64	\$193.00
Intel Xeon E-2124G @ 3.40GHz	9793	313	39.18	\$249.99
Intel Xeon E-2126G @ 3.30GHz	14051	155	46.84	\$269.99
Intel Xeon E-2134 @ 3.50GHz	10310	268	33.19	\$269.99
Intel Xeon E-2138 @ 3.30GHz	15871	115	50.39	\$314.99
Intel Xeon E-2144G @ 3.60GHz	11214	227	NA	NA
Intel Xeon E-2146G @ 3.50GHz	15876	114	44.72	\$394.99
Intel Xeon E-2174G @ 3.80GHz	12188	207	31.25	\$389.99
Intel Xeon E-2176G @ 3.70GHz	15489	121	42.79	\$362.00
Intel Xeon E-2176H @ 2.70GHz	13776	164	30.61	\$450.00
Intel Xeon E-2186G @ 3.80GHz	15418	122	29.37	\$524.99
Intel Xeon E-2186M @ 2.90GHz	14581	139	23.41	\$623.00
Intel Xeon Gold 5118 @ 2.30GHz	16389	97	11.95	\$1,370.99
Intel Xeon Gold 5120 @ 2.20GHz	16308	100	10.45	\$1,561.00
Intel Xeon Gold 5120T @ 2.20GHz	18145	74	10.51	\$1,727.00
Intel Xeon Gold 5122 @ 3.60GHz	11152	229	8.78	\$1,269.99
Intel Xeon Gold 6126 @ 2.60GHz	19711	56	10.13	\$1,944.99
Intel Xeon Gold 6128 @ 3.40GHz	14864	134	8.07	\$1,842.27
Intel Xeon Gold 6130 @ 2.10GHz	19277	61	9.89	\$1,949.99
Intel Xeon Gold 6132 @ 2.60GHz	23907	21	10.66	\$2,195.00
Intel Xeon Gold 6134 @ 3.20GHz	18083	75	7.90	\$2,389.99
Intel Xeon Gold 6136 @ 3.00GHz	21079	44	8.07	\$2,612.99
Intel Xeon Gold 6138 @ 2.00GHz	25416	14	9.40	\$2,679.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	20	9.52	\$2,439.99
Intel Xeon Gold 6144 @ 3.50GHz	19654	58	6.72	\$2,925.00
Intel Xeon Gold 6146 @ 3.20GHz	25142	17	7.56	\$3,331.99
Intel Xeon Gold 6148 @ 2.40GHz	26660	9	9.08	\$2,935.00

Intel Xeon Gold 8154 @ 3.00GHz	27722	7	7.22	\$3,839.79
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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L3110 @ 3.00GHz	2273	1527	NA	NA
Intel Xeon L3260 @ 2.83GHz	3864	1025	43.31	\$89.23
Intel Xeon L3406 @ 2.27GHz	1338	1960	4.83	\$277.01
Intel Xeon L3426 @ 1.87GHz	3837	1030	8.59	\$447.01
Intel Xeon L5238 @ 2.66GHz	1823	1725	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1528	72.33	\$31.40
Intel Xeon L5310 @ 1.60GHz	2274	1524	20.22	\$112.50
Intel Xeon L5320 @ 1.86GHz	2135	1675	30.52	\$68.99
Intel Xeon L5335 @ 2.00GHz	2756	1353	146.88	\$18.79
Intel Xeon L5408 @ 2.13GHz	3037	1256	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1154	33.67	\$100.08
Intel Xeon L5420 @ 2.50GHz	3504	1115	127.46	\$27.50
Intel Xeon L5430 @ 2.66GHz	3723	1063	23.58	\$157.95
Intel Xeon L5606 @ 2.13GHz	3715	1065	16.59	\$224.00
Intel Xeon L5520 @ 2.27GHz	4387	925	339.56	\$12.92
Intel Xeon L5530 @ 2.40GHz	4351	930	226.95	\$19.26
Intel Xeon L5630 @ 2.13GHz	4389	927	67.22	\$65.00
Intel Xeon L5638 @ 2.00GHz	5556	711	79.49	\$69.90
Intel Xeon L5639 @ 2.13GHz	6835	575	NA	NA
Intel Xeon L5640 @ 2.27GHz	6344	629	211.71	\$28.97
Intel Xeon L7465 @ 2.13GHz	3836	1031	NA	NA
Intel Xeon M V 3.20GHz	683	2330	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26652	10	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	28683	4	4.87	\$5,890.00
Intel Xeon Platinum 8173M @ 2.00GHz	28860	3	NA	NA
Intel Xeon Platinum 8175M @ 2.60GHz	28103	5	NA	NA
Intel Xeon Silver 4108 @ 1.80GHz	10564	252	23.70	\$449.99
Intel Xeon Silver 4109T @ 2.00GHz	10948	241	21.85	\$501.00
Intel Xeon Silver 4110 @ 2.10GHz	11703	219	21.47	\$544.99
Intel Xeon Silver 4112 @ 2.60GHz	8611	420	16.72	\$514.99
Intel Xeon Silver 4114 @ 2.20GHz	14333	149	15.16	\$747.99
Intel Xeon Silver 4116 @ 2.10GHz	15320	126	14.59	\$1,049.99
Intel Xeon Silver 4123 @ 3.00GHz	15185	127	NA	NA
Intel Xeon W3503 @ 2.40GHz	1753	1751	108.05	\$16.22
Intel Xeon W3505 @ 2.53GHz	1656	1706	NA	NA
Intel Xeon W3520 @ 2.67GHz	5057	791	175.91	\$28.75
Intel Xeon W3530 @ 2.80GHz	5359	741	16.23	\$293.95
Intel Xeon W3540 @ 2.93GHz	5472	722	274.73	\$19.92
Intel Xeon W3550 @ 3.07GHz	5694	694	94.99	\$59.95
Intel Xeon W3565 @ 3.20GHz	5939	685	84.91	\$69.95
Intel Xeon W3570 @ 3.20GHz	6062	657	12.63	\$479.95
Intel Xeon W3580 @ 3.33GHz				

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2102 @ 2.90GHz	6932	569	19.81	\$349.99*
Intel Xeon W-2104 @ 3.20GHz	7439	521	29.17	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10722	249	29.73	\$366.67*
Intel Xeon W-2125 @ 4.00GHz	12366	199	24.55	\$503.10*
Intel Xeon W-2133 @ 3.60GHz	14136	152	22.91	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16345	98	17.76	\$921.05*
Intel Xeon W-2140B @ 3.20GHz	18603	67	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19715	55	16.19	\$1,217.69*
Intel Xeon W-2150B @ 3.00GHz	21543	36	NA	NA
Intel Xeon W-2155 @ 3.20GHz	21921	30	14.32	\$1,536.39*
Intel Xeon W-2175 @ 2.50GHz	24751	19	12.71	\$1,947.00*
Intel Xeon W-2195 @ 2.30GHz	24883	18	8.94	\$2,794.91*
Intel Xeon X3210 @ 2.10GHz	2739	1357	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1237	14.71	\$209.95*
Intel Xeon X3230 @ 2.66GHz	3398	1143	9.44	\$369.95*
Intel Xeon X3280 @ 2.50GHz	3309	1169	14.42	\$229.50*
Intel Xeon X3223 @ 2.50GHz	3167	1209	163.59	\$19.36*
Intel Xeon X3300 @ 2.66GHz	3379	1151	16.09	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1037	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1027	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3944	1013	24.97	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3996	997	117.24	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	944	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	862	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3355	1158	159.42	\$21.05*
Intel Xeon X3440 @ 2.53GHz	4539	894	20.18	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4776	847	59.75	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5014	804	14.05	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5122	775	10.04	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	701	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1451	17.63	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2553	1418	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1475	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3181	1204	77.61	\$41.00*
Intel Xeon X5365 @ 3.00GHz	3491	1118	35.69	\$99.59*
Intel Xeon X5450 @ 3.00GHz	4116	977	68.65	\$39.96*
Intel Xeon X5460 @ 3.16GHz	4331	936	43.41	\$99.78*
Intel Xeon X5470 @ 3.33GHz	4592	882	24.30	\$189.00*
Intel Xeon X5472 @ 3.60GHz	4014	992	17.84	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4531	897	45.32	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	831	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5367	737	311.96	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5399	735	111.83	\$48.28
Intel Xeon X5570 @ 2.93GHz	5679	697	63.81	\$89.00*
Intel Xeon X5647 @ 2.93GHz	5980	662	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7396	528	111.47	\$66.26
Intel Xeon X5660 @ 2.80GHz	7592	506	89.33	\$84.99
Intel Xeon X5667 @ 3.07GHz	6291	632	79.63	\$79.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M (LV) 2200+	505	2424	NA	NA
Mobile AMD Sempron 2100+	252	2721	NA	NA
Mobile AMD Sempron 2600+	394	2544	NA	NA
Mobile AMD Sempron 2800+	361	2583	NA	NA
Mobile AMD Sempron 3000+	389	2533	NA	NA
Mobile AMD Sempron 3100+	416	2511	NA	NA
Mobile AMD Sempron 3200+	354	2589	NA	NA
Mobile AMD Sempron 3300+	445	2482	NA	NA
Mobile AMD Sempron 3400+	441	2487	NA	NA
Mobile AMD Sempron 3500+	408	2522	NA	NA
Mobile AMD Sempron 3600+	427	2506	NA	NA
Mobile AMD Sempron 3800+	485	2443	NA	NA
Mobile Intel Celeron 1.20GHz	170	2799	NA	NA
Mobile Intel Celeron 1.50GHz	188	2783	NA	NA
Mobile Intel Celeron 1.60GHz	188	2784	NA	NA
Mobile Intel Celeron 1.70GHz	181	2792	NA	NA
Mobile Intel Celeron 1.80GHz	186	2786	NA	NA
Mobile Intel Celeron 2.00GHz	204	2769	NA	NA
Mobile Intel Celeron 2.20GHz	226	2748	NA	NA
Mobile Intel Celeron 2.40GHz	239	2737	NA	NA
Mobile Intel Celeron 2.50GHz	281	2686	NA	NA
Mobile Intel Celeron 1200MHz	294	2662	NA	NA
Mobile Intel Celeron 1333MHz	280	2689	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2694	6.30	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2709	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2691	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2628	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2606	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2586	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2490	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2451	NA	NA
Mobile Intel Pentium 4 - M 1.80GHz	195	2778	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2798	0.62	\$279.99*
Mobile Intel Pentium 4 - M 1.80GHz	175	2795	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2743	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2773	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2775	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2759	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2716	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2632	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2762	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2774	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2725	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2666	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2749	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2667	NA	NA
Pentium Dual-Core E5000 @ 3.46GHz	2501	1437	NA	NA
Quad-Core AMD Opteron 1385	3442	1134	63.75	\$54.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X6670 @ 2.93GHz	7883	475	83.00	\$94.89
Intel Xeon X672 @ 3.20GHz	6419	620	22.63	\$283.72*
Intel Xeon X5675 @ 3.07GHz	8184	448	102.31	\$79.99*
Intel Xeon X5677 @ 3.47GHz	6982	563	66.60	\$105.00*
Intel Xeon X5679 @ 3.20GHz	8845	400	NA	NA
Intel Xeon X5680 @ 3.33GHz	8472	425	64.08	\$132.22
Intel Xeon X5687 @ 3.60GHz	7070	555	64.87	\$109.00*
Intel Xeon X5690 @ 3.47GHz	8889	396	6.05	\$1,768.99
Intel Xeon X5698 @ 4.40GHz	4272	945	NA	NA
Intel Xeon X5650 @ 2.00GHz	2977	1272	NA	NA
Mobile AMD Athlon 4	314	2631	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2585	NA	NA
Mobile AMD Athlon 64 2700+	398	2537	NA	NA
Mobile AMD Athlon 64 2800+	440	2488	NA	NA
Mobile AMD Athlon 64 3000+	450	2476	NA	NA
Mobile AMD Athlon 64 3200+	448	2480	NA	NA
Mobile AMD Athlon 64 3400+	511	2420	NA	NA
Mobile AMD Athlon 64 3700+	435	2488	NA	NA
Mobile AMD Athlon 64 4000+	576	2380	NA	NA
Mobile AMD Athlon 1400+	266	2706	NA	NA
Mobile AMD Athlon 2500+	370	2570	NA	NA
Mobile AMD Athlon MP-31 1800+	265	2707	NA	NA
Mobile AMD Athlon MP-31 2000+	378	2559	NA	NA
Mobile AMD Athlon MP-31 2400+	295	2661	NA	NA
Mobile AMD Athlon MP-31 2800+	496	2430	NA	NA
Mobile AMD Athlon XP	572	2384	45.81	\$12.49*
Mobile AMD Athlon XP-M	512	2419	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2788	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2710	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2712	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2618	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2656	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2603	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2649	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2581	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2588	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2596	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2569	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2578	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2577	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2489	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2437	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2423	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2668	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2660	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2609	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2567	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2453	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Quad-Core AMD Opteron 1389	3427	1136	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1293	NA	NA
VIA C3 Ezra	100	2827	NA	NA
VIA C7 1500MHz	284	2678	NA	NA
VIA C7-D 1500MHz	287	2674	NA	NA
VIA C7-D 1800MHz	203	2770	NA	NA
VIA C7-D 2000MHz	368	2573	NA	NA
VIA C7-M 1000MHz	164	2801	NA	NA
VIA C7-M 1200MHz	140	2814	NA	NA
VIA C7-M 1600MHz	178	2794	NA	NA
VIA C7-M 6300MHz	222	2751	NA	NA
VIA Eden 800MHz	155	2805	NA	NA
VIA Eden 1000MHz	123	2822	NA	NA
VIA Eden 1200MHz	142	2813	NA	NA
VIA Eden C1050@1.66GHz	352	2592	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2449	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	2076	NA	NA
VIA Esther 1000MHz	146	2812	NA	NA
VIA Esther 1300MHz	250	2723	NA	NA
VIA Esther 1500MHz	219	2753	NA	NA
VIA Esther 2000MHz	394	2543	NA	NA
VIA Nano L1900@1400MHz	457	2471	NA	NA
VIA Nano L2007@1600MHz	369	2571	NA	NA
VIA Nano L2100@1800MHz	428	2594	NA	NA
VIA Nano L2207@1600MHz	296	2658	NA	NA
VIA Nano L3025@1600MHz	517	2415	NA	NA
VIA Nano L3050@1800MHz	581	2378	NA	NA
VIA Nano L3600@2000MHz	645	2344	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2560	NA	NA
VIA Nano U2250@1300+MHz	274	2698	NA	NA
VIA Nano U2500@1200MHz	306	2640	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2427	NA	NA
VIA Nano U3300@1200MHz	409	2517	NA	NA
VIA Nano U3500@1000MHz	275	2696	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2363	NA	NA
VIA Nehemiah	155	2806	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1683	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1946	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2057	NA	NA
VIA Samuel 2	79	2829	NA	NA

* - Last price seen from our affiliates.

Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	288	3.51	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	120	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	391	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	397	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	443	NA	NA
[Dual CPU] AMD EPYC 7281	12720	174	9.19	\$1,383.38
[Dual CPU] AMD EPYC 7371	23933	60	NA	NA
[Dual CPU] AMD EPYC 7401	23518	63	6.01	\$3,913.98
[Dual CPU] AMD EPYC 7451	28957	31	5.68	\$5,097.98
[Dual CPU] AMD EPYC 7501	29003	30	3.99	\$7,265.98
[Dual CPU] AMD EPYC 7551	30966	21	4.28	\$7,227.98
[Dual CPU] AMD EPYC 7601	33545	15	3.76	\$8,927.98
[Dual CPU] AMD Opteron 246	1130	432	28.26	\$39.50*
[Dual CPU] AMD Opteron 248	1053	433	5.27	\$160.90*
[Dual CPU] AMD Opteron 250	1438	429	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	430	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	438	NA	NA
[Dual CPU] AMD Opteron 256	1853	426	49.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	424	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	420	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	423	16.41	\$129.90*
[Dual CPU] AMD Opteron 280	2452	415	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	405	NA	NA
[Dual CPU] AMD Opteron 290	2716	407	10.06	\$270.00*
[Dual CPU] AMD Opteron 885	2851	401	NA	NA
[Dual CPU] AMD Opteron 2212	2203	421	55.03	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	416	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	413	NA	NA
[Dual CPU] AMD Opteron 2216	2485	412	54.31	\$45.76*
[Dual CPU] AMD Opteron 2216 HE	2593	409	NA	NA
[Dual CPU] AMD Opteron 2218	2719	406	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	410	NA	NA
[Dual CPU] AMD Opteron 2220	2854	400	0.97	\$2,950.32*
[Dual CPU] AMD Opteron 2220 SE	2882	399	57.84	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	395	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	389	45.30	\$71.80*
[Dual CPU] AMD Opteron 2346 HE	4095	379	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	386	7.35	\$471.66*
[Dual CPU] AMD Opteron 2360	4078	380	7.55	\$629.98*
[Dual CPU] AMD Opteron 2364	4554	368	6.86	\$664.06*
[Dual CPU] AMD Opteron 2366	4441	371	12.22	\$363.30*
[Dual CPU] AMD Opteron 2360 SE	5315	350	58.43	\$64.00*
[Dual CPU] AMD Opteron 2373 EE	4164	377	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	364	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	351	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	349	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	337	63.93	\$90.00*
[Dual CPU] AMD Opteron 2384	5914	333	3.52	\$1,680.00*

[Dual CPU] AMD Opteron 2387	6239	323	NA	NA
[Dual CPU] AMD Opteron 2389	5677	338	48.11	\$118.00*
[Dual CPU] AMD Opteron 2419	5191	353	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	324	NA	NA
[Dual CPU] AMD Opteron 2427	5907	334	28.83	\$198.00*
[Dual CPU] AMD Opteron 2431	6438	317	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7060	303	18.68	\$378.00*
[Dual CPU] AMD Opteron 2439 SE	8071	273	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	381	16.21	\$248.98*
[Dual CPU] AMD Opteron 4130	5651	340	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	320	53.76	\$110.00*
[Dual CPU] AMD Opteron 4180	6367	318	33.18	\$191.88*
[Dual CPU] AMD Opteron 4184	7848	279	7.55	\$1,038.90*
[Dual CPU] AMD Opteron 4226	8088	272	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	276	NA	NA
[Dual CPU] AMD Opteron 4234	9361	242	20.35	\$459.98*
[Dual CPU] AMD Opteron 4276 HE	9681	235	NA	NA
[Dual CPU] AMD Opteron 4280	4525	369	45.23	\$100.00*
[Dual CPU] AMD Opteron 4284	9151	243	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9456	241	21.85	\$422.84*
[Dual CPU] AMD Opteron 4340	10419	214	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	222	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	200	46.57	\$279.98*
[Dual CPU] AMD Opteron 6128	6881	308	23.09	\$298.00*
[Dual CPU] AMD Opteron 6128 HE	5582	343	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	257	NA	NA
[Dual CPU] AMD Opteron 6134	7595	290	86.22	\$87.98*
[Dual CPU] AMD Opteron 6136	7255	297	32.95	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	356	NA	NA
[Dual CPU] AMD Opteron 6168	7741	285	46.58	\$190.28*
[Dual CPU] AMD Opteron 6172	7621	289	38.49	\$198.00*
[Dual CPU] AMD Opteron 6174	8056	275	40.65	\$198.00*
[Dual CPU] AMD Opteron 6176 SE	8448	262	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	392	NA	NA
[Dual CPU] AMD Opteron 6204	7134	300	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8955	248	149.30	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	209	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	225	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	216	86.26	\$119.98*
[Dual CPU] AMD Opteron 6272	10008	229	83.41	\$119.98*
[Dual CPU] AMD Opteron 6274	10536	212	114.55	\$91.98*
[Dual CPU] AMD Opteron 6275	10900	208	NA	NA
[Dual CPU] AMD Opteron 6276	10194	224	30.16	\$338.00*
[Dual CPU] AMD Opteron 6284 SE	11895	188	17.12	\$899.98*
[Dual CPU] AMD Opteron 6308	8351	264	8.24	\$1,013.65*
[Dual CPU] AMD Opteron 6320	10716	210	26.79	\$369.98*
[Dual CPU] AMD Opteron 6328	11642	191	29.51	\$369.98*
[Dual CPU] AMD Opteron 6344	11203	203	14.40	\$778.00*

[Dual CPU] AMD Opteron 6348	11412	197	28.53	\$289.98*
[Dual CPU] AMD Opteron 6376	10405	215	16.78	\$620.00*
[Dual CPU] AMD Opteron 6378	2905	398	7.26	\$359.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6380	14200	157	71.01	\$189.98*
[Dual CPU] AMD Opteron 6386 SE	12195	184	40.55	\$289.98*
[Dual CPU] AMD Opteron 8218	2831	402	57.40	\$42.00*
[Dual CPU] AMD Opteron 8220	2510	411	50.22	\$49.98*
[Dual CPU] AMD Opteron 8222 SE	2793	404	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8254	3223	390	73.26	\$44.00*
[Dual CPU] AMD Opteron 8306	5643	341	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	352	NA	NA
[Dual CPU] AMD Opteron 8388	6517	314	41.25	\$169.00*
[Dual CPU] AMD Opteron 8431	5813	335	207.78	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	311	46.80	\$144.00*
[Dual CPU] AMD Opteron 8439 SE	7691	287	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	431	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	418	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	385	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	278	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	452	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	450	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	446	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	446	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	453	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	454	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	451	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	449	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	444	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	440	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	775	439	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	442	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	437	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	899	436	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	435	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	425	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	434	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2152	422	6.73	\$319.96*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	417	0.71	\$3,239.88
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2617	408	41.59	\$82.92*
[Dual CPU] Intel Xeon 5135 @ 2.13GHz	3017	393	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2978	396	31.69	\$93.96*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	394	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3439	387	16.54	\$207.58*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3829	383	149.34	\$25.64*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8009	253	19.58	\$449.98
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11024	206	16.70	\$669.98
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	326	9.12	\$679.94*

[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	322	16.65	\$378.00*
[Dual CPU] Intel Xeon E5-2407 @ 2.00GHz	7303	286	10.90	\$670.00*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	246	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.80GHz	11387	199	14.60	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11738	193	23.08	\$418.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	266	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	163	26.23	\$519.98*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	160	63.82	\$200.00*
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	198	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	179	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	173	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15063	147	20.41	\$738.00*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	131	20.24	\$818.00*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	194	73.23	\$159.98*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	130	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	114	18.24	\$1,018.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	321	14.71	\$431.10*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	8520	313	110.06	\$59.24*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8385	263	20.36	\$399.98*
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8910	252	19.37	\$469.98
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8220	269	66.30	\$123.98
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8959	247	32.03	\$279.98
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9984	230	12.51	\$790.00*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	207	17.16	\$639.98
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12338	180	60.30	\$204.62*
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13390	170	38.19	\$369.98
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15201	145	34.30	\$443.22*
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16480	132	19.67	\$897.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14238	155	17.58	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.00GHz	12480	177	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	151	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13595	168	71.34	\$180.56
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16015	137	45.38	\$352.94
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18499	115	16.17	\$1,018.00*
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18709	113	13.55	\$1,379.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	204	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	161	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	146	10.10	\$1,603.84*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	294	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15900	140	13.08	\$1,215.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16408	133	6.33	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16656	128	7.67	\$2,170.56*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14660	150	67.03	\$218.72
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14464	153	63.27	\$271.54
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19947	102	8.39	\$2,377.48*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20766	95	10.38	\$2,001.72
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13667	182	3.07	\$4,482.00*

[Dual CPU] Intel Xeon E5-2645 v2 @ 3.50GHz	20992	90	63.48	\$330.66*
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21063	89	4.20	\$5,019.90*
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	83	6.46	\$3,331.32*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	183	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	14156	158	4.79	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.90GHz	18089	119	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	14948	148	69.20	\$216.00*

CPU Name	Pasmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19036	110	39.66	\$479.98
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.70GHz	20302	99	10.50	\$1,933.06
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20600	97	8.58	\$2,399.98
[Dual CPU] Intel Xeon E5-2650L @ 1.00GHz	14385	154	91.04	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14506	152	48.67	\$298.04*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	91	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13634	164	4.66	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18922	111	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	107	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16327	134	35.05	\$191.90
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18131	118	6.20	\$2,025.98*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22577	75	11.00	\$2,053.22
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23128	70	7.71	\$2,999.98
[Dual CPU] Intel Xeon E5-2662 v3 @ 2.80GHz	23092	71	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17131	124	57.74	\$286.60*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	53	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16940	125	130.41	\$129.90*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.20GHz	22485	76	14.72	\$1,527.12*
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23004	72	4.34	\$5,298.00*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23624	61	5.16	\$4,575.98*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18172	117	56.79	\$319.98
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.60GHz	20911	92	59.41	\$351.98*
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	79	14.49	\$1,544.12
[Dual CPU] Intel Xeon E5-2672 v2 @ 3.00GHz	23393	65	NA	NA
[Dual CPU] Intel Xeon E5-2672 v3 @ 2.40GHz	23266	69	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.70GHz	23799	26	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.90GHz	19952	101	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	84	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	25	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18208	116	53.56	\$339.98
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21373	85	31.90	\$669.98
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24524	56	15.14	\$1,619.98
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23268	66	6.26	\$3,733.90*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	126	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21159	88	5.33	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	52	5.99	\$4,174.96*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	80	NA	NA
[Dual CPU] Intel Xeon E5-2686 v2 @ 2.00GHz	26790	42	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	34	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20905	93	25.19	\$830.00*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23319	68	5.54	\$4,211.10*

[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24146	58	4.01	\$6,017.90*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	43	6.97	\$4,393.98
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	103	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	47	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19542	105	61.45	\$318.00*
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23561	62	19.67	\$1,197.98
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25645	49	5.79	\$4,421.72*
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27647	39	6.37	\$4,239.98

CPU Name	Pasmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20858	94	5.86	\$3,559.90*
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	54	6.18	\$4,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	50	4.87	\$5,260.22*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23483	64	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	24	6.07	\$4,995.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31807	19	5.28	\$6,019.98*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23334	67	5.91	\$3,949.98*
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27879	37	7.88	\$3,539.98
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30631	23	5.82	\$5,651.98
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	35	NA	NA
[Dual CPU] Intel Xeon E5-2698 v2 @ 2.90GHz	29637	28	4.33	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	17	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	59	NA	NA
[Dual CPU] Intel Xeon E5-2699 v2 @ 2.50GHz	26333	44	2.92	\$9,011.90*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	14	3.78	\$9,009.00*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	96	NA	NA
[Dual CPU] Intel Xeon E5-4027 v2 @ 3.30GHz	19491	106	NA	NA
[Dual CPU] Intel Xeon E5-4040 @ 2.40GHz	15897	141	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4040 v2 @ 2.20GHz	19209	109	NA	NA
[Dual CPU] Intel Xeon E5-4040 v4 @ 2.10GHz	19583	104	NA	NA
[Dual CPU] Intel Xeon E5-4050 @ 2.70GHz	18712	112	97.98	\$190.58*
[Dual CPU] Intel Xeon E5-4050 v3 @ 2.10GHz	14876	149	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4050L @ 2.60GHz	10579	211	0.61	\$17,269.00*
[Dual CPU] Intel Xeon E5-4060 v3 @ 2.10GHz	22461	77	2.34	\$9,800.00*
[Dual CPU] Intel Xeon E5-4069 v3 @ 2.10GHz	27457	41	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	185	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	143	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	78	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7-2870 @ 2.40GHz	12016	187	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7-4870 @ 2.40GHz	16047	135	42.45	\$378.00*
[Dual CPU] Intel Xeon E7-8837 @ 2.67GHz	10044	228	25.11	\$399.58*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	419	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	382	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3556	384	36.39	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4167	376	53.77	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	359	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4563	367	128.39	\$35.64*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5126	355	64.09	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5161	354	43.74	\$118.00*

[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6024	330	51.05	\$118.00*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6354	319	12.22	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6849	310	49.63	\$138.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7163	299	189.00	\$37.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7514	291	68.57	\$108.00*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7105	301	130.13	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7836	282	130.43	\$60.00*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	414	12.03	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	403	4.89	\$574.92*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4887	363	34.93	\$139.90*

CPU Name	Pasmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5006	358	165.00	\$30.34*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	346	6.92	\$813.92*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7425	293	160.83	\$43.98*
[Dual CPU] Intel Xeon E5630 @ 2.40GHz	7704	286	183.52	\$41.98*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	280	87.20	\$90.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	378	16.04	\$268.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5534	344	12.63	\$430.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5969	332	13.63	\$438.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8062	274	66.54	\$121.16
[Dual CPU] Intel Xeon E5630 @ 2.63GHz	8284	267	23.05	\$369.90*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8732	254	73.39	\$118.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10314	220	64.47	\$159.98*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10327	219	44.90	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	345	87.01	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	348	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	82	5.06	\$2,731.06*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	57	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	87	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22049	81	8.04	\$2,741.96*
[Dual CPU] Intel Xeon Gold 5128 @ 2.20GHz	26277	45	8.42	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17499	121	6.89	\$2,539.98
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27819	38	7.15	\$3,889.98*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22869	73	6.21	\$3,684.54*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	23620	74	5.80	\$3,899.98*
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	40	6.26	\$4,396.00*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25308	51	5.53	\$4,579.98
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29652	27	5.67	\$5,225.98*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	36	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35063	12	6.54	\$6,359.98*
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	33297	16	6.82	\$4,879.98
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	32	4.70	\$6,139.98
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28809	33	4.92	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6145 @ 3.20GHz	29158	29	4.38	\$6,663.98*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36802	6	6.27	\$5,870.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	20	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35387	11	4.66	\$7,599.98*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36932	5	4.81	\$7,679.50*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	370	71.16	\$62.00*

[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	374	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	361	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	342	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	327	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	316	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	329	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	360	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	307	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	306	260.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	277	206.10	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	305	53.89	\$130.00*

CPU Name	Pasmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8962	249	64.03	\$139.98*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	237	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9666	236	161.26	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	445	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	447	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	441	NA	NA
[Dual CPU] Intel Xeon NV 3.20GHz	1609	427	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	7	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	35823	9	2.32	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39104	3	3.32	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	10	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36058	8	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	4	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	138	17.75	\$899.98
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16653	129	15.28	\$1,039.98
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	167	13.22	\$1,029.98
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19285	108	12.09	\$1,496.98
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	20362	98	9.70	\$2,099.98
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10079	226	47.88	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	217	2.86	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	221	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	365	17.08	\$276.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	366	NA	NA</

[Dual CPU] Intel Xeon X5492 @ 3.40GHz	6688	256	3.12	\$2,782.50*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	6934	251	258.66	\$34,54*
[Dual CPU] Intel Xeon X5550 @ 2.80GHz	9084	244	94.68	\$96.55
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9533	240	53.56	\$178.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	232	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11311	201	85.22	\$132.72
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11649	195	68.53	\$169.98
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10334	218	65.41	\$158.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12278	182	64.53	\$189.98
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	227	17.76	\$567.44*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12560	176	78.51	\$159.98*
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11302	202	53.32	\$219.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13518	166	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13579	169	51.35	\$264.44
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11954	189	54.83	\$218.00*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13767	159	3.91	\$3,517.88
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	261	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6584	312	91.61	\$71.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	255	6.15	\$1,417.80*
[Dual CPU] Intel Xeon X7560 @ 2.00GHz	9937	231	18.07	\$559.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11794	192	268.05	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	375	59.59	\$70.00*
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	357	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	373	9.76	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	372	199.09	\$21.98*
[Dual CPU] Quad-Core AMD Opteron 8378	5382	347	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	309	NA	NA
[Dual CPU] Six-Core AMD Opteron 2418 EE	5654	339	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5869	331	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	265	NA	NA
[Quad CPU] AMD Opteron 6136	9767	233	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	259	21.70	\$395.00*
[Quad CPU] AMD Opteron 6272	12292	181	51.23	\$239.96*
[Quad CPU] AMD Opteron 6274	10488	213	57.01	\$183.96*
[Quad CPU] AMD Opteron 6276	15342	144	22.70	\$878.00*
[Quad CPU] AMD Opteron 6278	12055	186	9.75	\$1,236.00*
[Quad CPU] AMD Opteron 6282 SE	11044	205	21.24	\$519.96*
[Quad CPU] AMD Opteron 6276	13257	171	10.69	\$1,240.00*
[Quad CPU] AMD Opteron 6360	12442	178	31.11	\$399.96*
[Quad CPU] AMD Opteron 8360 SE	6490	315	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	328	NA	NA
[Quad CPU] AMD Opteron 8382	8553	260	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7358	295	NA	NA
[Quad CPU] AMD Opteron 8431	8252	268	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	302	24.65	\$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	250	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	428	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	388	NA	NA

[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	127	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	139	28.44	\$559.96
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	165	20.04	\$680.00*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	55	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	86	55.95	\$381.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	28203	46	1.81	\$14,464.00*
[Quad CPU] Intel Xeon E5-4650 v4 @ 2.20GHz	30855	22	1.83	\$18,908.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	100	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	18028	136	NA	NA
[Quad CPU] Intel Xeon E7-8850L v3 @ 2.80GHz	31897	18	NA	NA
[Quad CPU] Intel Xeon E7-4850 @ 2.00GHz	17269	123	107.96	\$159.96*
[Quad CPU] Intel Xeon E7-4860 @ 2.27GHz	17337	122	121.38	\$121.96*
[Quad CPU] Intel Xeon E7-4870 @ 2.40GHz	14223	156	18.31	\$756.00*
[Quad CPU] Intel Xeon E7-8837 @ 2.67GHz	12698	175	15.87	\$799.96*
[Quad CPU] Intel Xeon E7-8870 @ 2.40GHz	15867	142	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	304	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	284	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	223	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	238	40.56	\$236.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7820 @ 1.87GHz	9041	245	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	48	5.15	\$5,079.96
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	13	NA	NA
[Quad CPU] Intel Xeon Gold 6162 @ 2.10GHz	40785	2	2.68	\$15,199.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	234	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	1	1.10	\$40,060.00*
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	239	66.28	\$143.86*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	11953	190	4.22	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	258	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	196	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	13145	172	145.38	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8350	7170	298	163.10	\$43.96*

* - Last price seen from our affiliates.



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 [CPU Mega Page - Detailed CPU List] - [Single Thread CPU Performance]
 [CPU Mark by Socket Type] - [Manufacturer Market Share]