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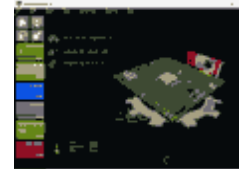
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# CPU Benchmarks

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## CPU List

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

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## Single CPU Systems

Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2563	NA	NA
AMD A4 Micro-6400T APU	1544	1753	NA	NA
AMD A4 PRO-3340B	2402	1373	NA	NA
AMD A4 PRO-7300B APU	2338	1392	NA	NA
AMD A4 PRO-7350B	2794	1243	NA	NA
AMD A4-1200 APU	641	2240	NA	NA
AMD A4-1250 APU	612	2253	NA	NA
AMD A4-3300 APU	1506	1775	116.00	\$12.99
AMD A4-3300M APU	1185	1940	39.53	\$29.99*
AMD A4-3305M APU	1221	1923	40.73	\$30.00*
AMD A4-3310MX APU	1291	1877	NA	NA
AMD A4-3320M APU	1253	1904	36.88	\$34.00
AMD A4-3330MX APU	1217	1924	NA	NA
AMD A4-3400 APU	1596	1736	18.15	\$87.95
AMD A4-3420 APU	1676	1688	NA	NA
AMD A4-4000 APU	1818	1620	53.46	\$34.01
AMD A4-4020 APU	1918	1565	44.92	\$42.72
AMD A4-4300M APU	1613	1726	40.48	\$39.86
AMD A4-4355M APU	1174	1944	NA	NA
AMD A4-5000 APU	1905	1569	NA	NA
AMD A4-5050 APU	2114	1484	NA	NA
AMD A4-5100 APU	2082	1499	NA	NA
AMD A4-5150M APU	1844	1604	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5300 APU	2008	1527	37.47	\$53.60
AMD A4-5300B APU	2106	1489	55.43	\$38.00*
AMD A4-6210 APU	2149	1468	NA	NA
AMD A4-6250J APU	2556	1318	NA	NA
AMD A4-6300 APU	2216	1447	44.86	\$49.41
AMD A4-6300B APU	2129	1477	21.30	\$100.00*
AMD A4-6320 APU	2322	1396	22.31	\$104.09*
AMD A4-7210 APU	2495	1339	NA	NA
AMD A4-7300 APU	2284	1418	20.78	\$109.95
AMD A4-9120	1817	1621	NA	NA
AMD A6 Micro-6500T APU	1834	1611	NA	NA
AMD A6 PRO-7050B APU	1603	1731	NA	NA
AMD A6 PRO-7400B	2749	1262	NA	NA
AMD A6-1450 APU	1520	1765	NA	NA
AMD A6-3400M APU	1887	1585	62.99	\$29.97*
AMD A6-3410MX APU	2055	1509	68.56	\$29.99*
AMD A6-3420M APU	2003	1528	NA	NA
AMD A6-3430MX APU	2225	1446	NA	NA
AMD A6-3500 APU	2010	1525	26.74	\$75.18
AMD A6-3600 APU	2705	1272	117.67	\$22.99*
AMD A6-3620 APU	2809	1238	46.84	\$59.99*
AMD A6-3650 APU	3160	1127	21.07	\$149.99*
AMD A6-3670 APU	3192	1110	37.90	\$84.23
AMD A6-4400M APU	1632	1714	40.96	\$39.86*
AMD A6-4455M APU	1285	1884	NA	NA
AMD A6-5200 APU	2420	1366	NA	NA
AMD A6-5345M APU	1476	1787	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5350M APU	1904	1570	44.18	\$43.12
AMD A6-5357M APU	1938	1553	NA	NA
AMD A6-5400B APU	2194	1455	20.89	\$105.04*
AMD A6-5400K APU	2147	1469	17.75	\$121.00
AMD A6-6310 APU	2437	1360	NA	NA
AMD A6-6400B APU	2281	1421	NA	NA
AMD A6-6400K APU	2299	1409	23.49	\$97.89
AMD A6-6420B APU	2612	1298	NA	NA
AMD A6-6420K APU	2351	1391	33.12	\$71.00*
AMD A6-7000	1671	1691	NA	NA
AMD A6-7310 APU	2683	1278	NA	NA
AMD A6-7400K APU	2786	1245	61.79	\$45.09
AMD A6-7470K	2777	1247	27.95	\$99.40
AMD A6-8500P	2183	1458	NA	NA
AMD A6-8550	3104	1139	NA	NA
AMD A6-9200	1859	1597	NA	NA
AMD A6-9210	1930	1558	NA	NA
AMD A6-9220	2250	1434	NA	NA
AMD A6-9220e	1521	1763	NA	NA
AMD A6-9230	2274	1424	NA	NA
AMD A6-9500	2977	1179	53.22	\$55.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8 PRO-7150B APU	2667	1281	NA	NA
AMD A8 PRO-7600B APU	4811	758	NA	NA
AMD A8-3500M APU	1972	1540	28.20	\$69.95
AMD A8-3510MX APU	2367	1386	NA	NA
AMD A8-3520M APU	2178	1460	NA	NA
AMD A8-3530MX APU	2378	1379	NA	NA
AMD A8-3550MX APU	2610	1299	NA	NA
AMD A8-3800 APU	3045	1158	17.91	\$169.99*
AMD A8-3820 APU	3142	1129	25.14	\$124.99*
AMD A8-3850 APU	3469	1037	36.83	\$94.19
AMD A8-3870K APU	3571	1012	17.72	\$201.54*
AMD A8-4500M APU	2664	1283	NA	NA
AMD A8-4555M APU	2122	1482	NA	NA
AMD A8-5500 APU	3991	914	30.94	\$129.00*
AMD A8-5500B APU	3967	919	NA	NA
AMD A8-5545M APU	2588	1306	NA	NA
AMD A8-5550M APU	3003	1171	NA	NA
AMD A8-5557M APU	2959	1185	NA	NA
AMD A8-5600K APU	4341	848	24.13	\$179.95
AMD A8-6410 APU	2568	1316	NA	NA
AMD A8-6500 APU	4385	837	27.24	\$160.99*
AMD A8-6500B APU	4589	799	NA	NA
AMD A8-6500T APU	3221	1101	NA	NA
AMD A8-6600K APU	4580	802	24.23	\$189.04*
AMD A8-7050	1986	1535	NA	NA
AMD A8-7100 APU	2817	1233	NA	NA
AMD A8-7200P	3300	1080	NA	NA
AMD A8-7410 APU	2744	1264	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7600 APU	5101	703	24.88	\$205.00*
AMD A8-7650K	4928	739	63.16	\$78.03
AMD A8-7670K	5105	701	46.46	\$109.90
AMD A8-8600P	3248	1094	NA	NA
AMD A8-8650	5470	649	NA	NA
AMD A8-9600	4979	725	73.23	\$67.99
AMD A9-9400	2278	1422	NA	NA
AMD A9-9410	2561	1317	NA	NA
AMD A9-9420	2299	1408	NA	NA
AMD A9-9420e	1613	1725	NA	NA
AMD A9-9425	2795	1242	NA	NA
AMD A9-9430	2513	1333	NA	NA
AMD A10 Micro-6700T APU	1890	1581	NA	NA
AMD A10 PRO-7350B APU	3225	1100	NA	NA
AMD A10 PRO-7800B APU	5409	661	NA	NA
AMD A10 PRO-7850B APU	5465	650	NA	NA
AMD A10-4600M APU	3112	1136	NA	NA
AMD A10-4655M APU	2601	1302	NA	NA
AMD A10-4657M APU	2906	1205	NA	NA
AMD A10-5700 APU	4208	873	11.34	\$371.15

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-5745M APU	2760	1257	NA	NA
AMD A10-5750M APU	3342	1070	NA	NA
AMD A10-5757M APU	3090	1142	NA	NA
AMD A10-5800B APU	4682	777	NA	NA
AMD A10-5800K APU	4638	784	36.82	\$125.99*
AMD A10-6700 APU	4606	795	9.06	\$508.16*
AMD A10-6700T APU	3691	986	25.01	\$147.61*
AMD A10-6790K APU	4704	772	22.75	\$206.82*
AMD A10-6800B APU	4991	724	NA	NA
AMD A10-6800K APU	4856	746	16.93	\$286.85*
AMD A10-7300 APU	2906	1203	NA	NA
AMD A10-7400P	3638	996	NA	NA
AMD A10-7700K APU	5130	694	23.99	\$213.89
AMD A10-7800 APU	5000	722	47.62	\$104.99*
AMD A10-7850K APU	5478	645	23.31	\$235.00
AMD A10-7860K	5104	702	13.02	\$392.00
AMD A10-7870K	5478	646	32.30	\$169.60
AMD A10-7890K	5746	615	18.60	\$308.99
AMD A10-8700P	3455	1041	NA	NA
AMD A10-8750	5091	704	NA	NA
AMD A10-8850	5616	628	NA	NA
AMD A10-9600P	3801	954	NA	NA
AMD A10-9620P	3787	959	NA	NA
AMD A10-9630P	4497	817	NA	NA
AMD A10-9700	5464	651	63.54	\$85.99
AMD A10-9700E	4687	776	50.96	\$91.99
AMD A12-9700P	3729	974	NA	NA
AMD A12-9720P	4034	903	NA	NA
AMD A12-9730P	4353	845	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A12-9800	5537	640	37.67	\$147.00*
AMD A12-9800E	5060	711	42.18	\$119.99
AMD Athlon64 X2 Dual Core 3800+	970	2068	NA	NA
AMD Athlon64 X2 Dual Core 4200+	1006	2043	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	1981	NA	NA
AMD Athlon 4	279	2583	5.72	\$48.91
AMD Athlon 64 2000+	116	2717	NA	NA
AMD Athlon 64 2200+	575	2274	NA	NA
AMD Athlon 64 2600+	374	2456	NA	NA
AMD Athlon 64 2800+	438	2386	4.38	\$99.99*
AMD Athlon 64 3000+	463	2355	6.18	\$74.95
AMD Athlon 64 3200+	491	2325	3.28	\$149.95*
AMD Athlon 64 3300+	576	2272	NA	NA
AMD Athlon 64 3400+	545	2286	NA	NA
AMD Athlon 64 3500+	539	2292	6.00	\$89.95
AMD Athlon 64 3600+	601	2260	NA	NA
AMD Athlon 64 3700+	599	2261	8.69	\$69.00*
AMD Athlon 64 3800+	588	2265	7.45	\$79.00
AMD Athlon 64 4000+	605	2255	3.06	\$197.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-25	794	2167	NA	NA
AMD Athlon 64 FX-34	380	2447	NA	NA
AMD Athlon 64 FX-51	437	2387	NA	NA
AMD Athlon 64 FX-53	646	2235	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2199	4.01	\$179.95
AMD Athlon 64 FX-57	730	2195	NA	NA
AMD Athlon 64 FX-59	715	2203	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1887	NA	NA
AMD Athlon 64 FX-62 Dual Core	1579	1740	NA	NA
AMD Athlon 64 FX-72	1794	1628	NA	NA
AMD Athlon 64 FX-74	1495	1781	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2082	NA	NA
AMD Athlon 64 X2 4200+	1285	1883	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1835	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2054	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	970	2069	16.17	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1001	2047	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1040	2022	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	1986	6.87	\$159.95
AMD Athlon 64 X2 Dual Core 4400+	1147	1963	5.74	\$199.95
AMD Athlon 64 X2 Dual Core 4600+	1222	1922	3.40	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1257	1901	2.73	\$459.95
AMD Athlon 64 X2 Dual Core 5000+	1312	1863	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1383	1825	26.06	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1451	1796	27.39	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1483	1785	9.89	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1758	38.26	\$39.95*
AMD Athlon 64 X2 Dual Core 6000+	1604	1730	49.37	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1792	1629	6.89	\$259.95*
AMD Athlon 64 X2 Dual Core BE-230	1095	1990	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core BE-2300	1082	2000	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2020	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2148	28.02	\$29.97
AMD Athlon 64 X2 Dual Core TK-55	839	2149	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2067	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2127	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2159	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	872	2128	11.99	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	926	2102	NA	NA
AMD Athlon 64 X2 QL-60	918	2110	NA	NA
AMD Athlon 64 X2 QL-62	1014	2036	NA	NA
AMD Athlon 64 X2 QL-64	989	2059	NA	NA
AMD Athlon 64 X2 QL-65	1045	2019	NA	NA
AMD Athlon 64 X2 QL-66	945	2088	NA	NA
AMD Athlon 64 X2 QL-67	1006	2042	NA	NA
AMD Athlon 64 X2 TK-55	955	2083	NA	NA
AMD Athlon 64 X2 TK-57	988	2061	NA	NA
AMD Athlon 1500+	294	2556	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 1640B	678	2224	13.57	\$50.00*
AMD Athlon 1700+	349	2486	NA	NA
AMD Athlon 2000+	390	2442	NA	NA
AMD Athlon 2100+	412	2407	NA	NA
AMD Athlon 2200+	363	2473	4.55	\$79.99
AMD Athlon 2400+	462	2357	NA	NA
AMD Athlon 2500+	374	2454	2.04	\$183.99*
AMD Athlon 2600+	444	2377	4.23	\$104.95*
AMD Athlon 2650e	410	2410	21.61	\$19.00*
AMD Athlon 2800+	447	2374	3.20	\$139.95*
AMD Athlon 2850e	504	2318	NA	NA
AMD Athlon 3100+	485	2336	NA	NA
AMD Athlon 3200+	458	2361	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	1876	12.93	\$99.95*
AMD Athlon 5150 APU	2093	1494	13.09	\$159.95
AMD Athlon 5200 Dual-Core	1248	1909	20.27	\$61.61
AMD Athlon 5350 APU	2600	1303	7.84	\$331.46
AMD Athlon 5370 APU	2898	1212	45.51	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1799	NA	NA
AMD Athlon 7550 Dual-Core	1460	1791	24.33	\$60.00*
AMD Athlon 7750 Dual-Core	1579	1741	10.62	\$148.71*
AMD Athlon 7850 Dual-Core	1714	1663	8.18	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2566	NA	NA
AMD Athlon Dual Core 4050e	1086	1997	NA	NA
AMD Athlon Dual Core 4450B	1168	1949	37.70	\$31.00*
AMD Athlon Dual Core 4450e	1101	1985	NA	NA
AMD Athlon Dual Core 4850B	1447	1800	NA	NA
AMD Athlon Dual Core 4850e	1316	1862	33.75	\$39.00*
AMD Athlon Dual Core 5000B	1304	1869	13.73	\$95.00*
AMD Athlon Dual Core 5050e	1349	1847	22.50	\$60.00*
AMD Athlon Dual Core 5200B	1324	1859	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 5400B	1413	1815	NA	NA
AMD Athlon Dual Core 5600B	1304	1868	NA	NA
AMD Athlon II 160u	560	2282	18.68	\$29.99*
AMD Athlon II 170u	626	2248	20.91	\$29.95*
AMD Athlon II Dual-Core M300	1115	1976	NA	NA
AMD Athlon II Dual-Core M320	1141	1969	38.06	\$30.00*
AMD Athlon II Dual-Core M340	1056	2014	NA	NA
AMD Athlon II N330 Dual-Core	1154	1958	NA	NA
AMD Athlon II N350 Dual-Core	1247	1911	NA	NA
AMD Athlon II N370 Dual-Core	1559	1749	NA	NA
AMD Athlon II Neo K125	470	2350	NA	NA
AMD Athlon II Neo K145	525	2300	NA	NA
AMD Athlon II Neo K325 Dual-Core	774	2176	29.81	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2140	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2169	NA	NA
AMD Athlon II P320 Dual-Core	1216	1925	40.60	\$29.95*
AMD Athlon II P340 Dual-Core	1251	1906	27.85	\$44.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II P360 Dual-Core	1323	1861	55.14	\$24.00
AMD Athlon II X2 210e	1486	1783	NA	NA
AMD Athlon II X2 215	1578	1742	131.68	\$11.99*
AMD Athlon II X2 220	1632	1715	50.72	\$32.19
AMD Athlon II X2 225	1526	1759	NA	NA
AMD Athlon II X2 235e	1659	1700	9.13	\$181.88*
AMD Athlon II X2 240	1644	1705	47.05	\$34.95
AMD Athlon II X2 240e	1695	1679	48.51	\$34.95*
AMD Athlon II X2 245	1664	1697	47.63	\$34.95*
AMD Athlon II X2 245e	1706	1668	21.33	\$80.00*
AMD Athlon II X2 250	1742	1649	44.74	\$38.95
AMD Athlon II X2 250e	1949	1551	25.41	\$76.73*
AMD Athlon II X2 250u	1000	2048	28.62	\$34.95
AMD Athlon II X2 255	1845	1603	28.30	\$65.22*
AMD Athlon II X2 260	1873	1592	39.03	\$48.00*
AMD Athlon II X2 260u	1105	1983	13.25	\$83.44*
AMD Athlon II X2 265	1889	1582	22.80	\$82.88*
AMD Athlon II X2 270	1987	1534	42.73	\$46.50
AMD Athlon II X2 270u	1350	1846	19.96	\$67.67*
AMD Athlon II X2 280	2164	1464	21.64	\$99.99*
AMD Athlon II X2 4300e	1350	1845	NA	NA
AMD Athlon II X2 4400e	1618	1721	NA	NA
AMD Athlon II X2 4450e	1504	1776	NA	NA
AMD Athlon II X2 B22	1711	1665	47.62	\$35.95
AMD Athlon II X2 B24	1780	1633	44.57	\$39.95*
AMD Athlon II X2 B26	1880	1588	41.82	\$44.95*
AMD Athlon II X2 B28	2112	1486	43.06	\$49.05*
AMD Athlon II X3 400e	2009	1526	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1517	25.32	\$79.99*
AMD Athlon II X3 415e	2247	1437	29.97	\$75.00*
AMD Athlon II X3 420e	2286	1414	19.68	\$116.15*
AMD Athlon II X3 425	2317	1398	31.98	\$72.47*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 425e	2239	1441	NA	NA
AMD Athlon II X3 435	2470	1350	32.86	\$75.18
AMD Athlon II X3 440	2569	1315	54.73	\$46.95*
AMD Athlon II X3 445	2583	1309	28.39	\$91.00*
AMD Athlon II X3 450	2627	1292	58.45	\$44.95
AMD Athlon II X3 455	2770	1250	33.61	\$82.42*
AMD Athlon II X3 460	2855	1221	57.11	\$49.99*
AMD Athlon II X4 553	3814	951	NA	NA
AMD Athlon II X4 555	3830	947	NA	NA
AMD Athlon II X4 559	4142	887	NA	NA
AMD Athlon II X4 600e	2453	1355	18.84	\$130.23*
AMD Athlon II X4 605e	2750	1261	27.01	\$101.80*
AMD Athlon II X4 610e	2798	1241	39.99	\$69.99*
AMD Athlon II X4 615e	2901	1211	49.17	\$59.00*
AMD Athlon II X4 620	2940	1194	45.28	\$64.95*
AMD Athlon II X4 620e	2906	1207	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 630	3135	1131	49.81	\$62.95
AMD Athlon II X4 631 Quad-Core	3151	1128	39.39	\$80.00*
AMD Athlon II X4 635	3253	1093	46.51	\$69.95
AMD Athlon II X4 638 Quad-Core	3198	1109	NA	NA
AMD Athlon II X4 640	3317	1075	41.49	\$79.95
AMD Athlon II X4 641 Quad-Core	3355	1067	36.67	\$91.50*
AMD Athlon II X4 645	3475	1034	43.47	\$79.95
AMD Athlon II X4 650	3476	1033	20.87	\$166.60*
AMD Athlon II X4 651 Quad-Core	3574	1011	20.08	\$178.04*
AMD Athlon II X4 655	2998	1173	NA	NA
AMD Athlon II X4 6400e	2594	1304	NA	NA
AMD Athlon L110	306	2533	NA	NA
AMD Athlon LE-1600	567	2279	27.04	\$21.00*
AMD Athlon LE-1620	572	2276	31.83	\$18.00*
AMD Athlon LE-1640	630	2245	NA	NA
AMD Athlon LE-1660	688	2218	NA	NA
AMD Athlon MP	230	2639	4.20	\$54.95*
AMD Athlon MP 1700+	339	2498	NA	NA
AMD Athlon MP 2400+	436	2388	NA	NA
AMD Athlon MP 2800+	497	2321	NA	NA
AMD Athlon Neo MV-40	411	2408	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2046	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2175	NA	NA
AMD Athlon Neo X2 Dual Core L335	827	2154	NA	NA
AMD Athlon PRO 200GE	4903	740	NA	NA
AMD Athlon QI-46	473	2348	NA	NA
AMD Athlon TF-20	416	2403	NA	NA
AMD Athlon TF-36	358	2476	NA	NA
AMD Athlon X2 215	1511	1772	NA	NA
AMD Athlon X2 235e	1806	1623	NA	NA
AMD Athlon X2 240	1575	1746	NA	NA
AMD Athlon X2 240e	1670	1692	NA	NA
AMD Athlon X2 250	1696	1678	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 255	1627	1716	NA	NA
AMD Athlon X2 280	2303	1404	13.17	\$174.81*
AMD Athlon X2 340 Dual Core	1893	1580	21.97	\$86.17
AMD Athlon X2 370K Dual Core	2251	1433	NA	NA
AMD Athlon X2 440	1424	1810	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2172	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2049	NA	NA
AMD Athlon X2 Dual Core BE-2300	925	2104	NA	NA
AMD Athlon X2 Dual Core BE-2350	1104	1984	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	1926	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1905	NA	NA
AMD Athlon X2 Dual Core L310	644	2237	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2039	NA	NA
AMD Athlon X3 425	2191	1456	NA	NA
AMD Athlon X3 435	2574	1311	26.96	\$95.49*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X3 440	2078	1501	23.62	\$87.99*
AMD Athlon X3 445	2314	1399	NA	NA
AMD Athlon X3 450	3064	1151	38.80	\$78.99*
AMD Athlon X3 455	2401	1374	NA	NA
AMD Athlon X4 605e	2505	1337	NA	NA
AMD Athlon X4 620	2861	1220	44.06	\$64.95
AMD Athlon X4 635	2891	1214	23.71	\$121.99*
AMD Athlon X4 640	3172	1115	NA	NA
AMD Athlon X4 740 Quad Core	4010	908	14.48	\$277.00*
AMD Athlon X4 750 Quad Core	4551	807	NA	NA
AMD Athlon X4 750K Quad Core	4252	864	55.24	\$76.99*
AMD Athlon X4 760K Quad Core	4589	800	98.73	\$46.49
AMD Athlon X4 830	4701	773	NA	NA
AMD Athlon X4 840	5030	716	63.89	\$78.74*
AMD Athlon X4 845	5432	659	102.24	\$53.13
AMD Athlon X4 860K	5447	654	68.10	\$79.99
AMD Athlon X4 870K	5313	676	72.45	\$73.35
AMD Athlon X4 880K	5560	636	66.80	\$83.24*
AMD Athlon X4 950	5310	677	88.08	\$60.29
AMD Athlon XP1600+	281	2579	NA	NA
AMD Athlon XP1700+	234	2635	NA	NA
AMD Athlon XP1900+	353	2483	NA	NA
AMD Athlon XP2100+	287	2568	NA	NA
AMD Athlon XP2200+	401	2426	NA	NA
AMD Athlon XP2400+	374	2455	NA	NA
AMD Athlon XP 1500	282	2578	NA	NA
AMD Athlon XP 1500+	257	2610	NA	NA
AMD Athlon XP 1600+	267	2599	NA	NA
AMD Athlon XP 1700	344	2493	NA	NA
AMD Athlon XP 1700+	271	2593	NA	NA
AMD Athlon XP 1800+	300	2545	5.10	\$58.95*
AMD Athlon XP 1900+	312	2525	NA	NA
AMD Athlon XP 2000+	299	2546	12.00	\$24.99*
AMD Athlon XP 2100+	323	2509	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2200+	328	2507	3.87	\$84.95*
AMD Athlon XP 2300+	464	2354	NA	NA
AMD Athlon XP 2400+	360	2475	4.01	\$89.99*
AMD Athlon XP 2500+	355	2480	NA	NA
AMD Athlon XP 2600+	372	2459	16.18	\$23.03*
AMD Athlon XP 2700+	393	2437	4.64	\$84.79*
AMD Athlon XP 2800+	399	2429	NA	NA
AMD Athlon XP 2900+	440	2381	NA	NA
AMD Athlon XP 3000+	402	2425	5.05	\$79.70
AMD Athlon XP 3100+	433	2395	NA	NA
AMD Athlon XP 3200+	433	2394	NA	NA
AMD Athlon XP 3400+	570	2278	NA	NA
AMD Athlon XP Pro3+	367	2465	NA	NA
AMD Athlon XP-M	541	2291	15.48	\$34.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD C-30	310	2528	NA	NA
AMD C-50	462	2356	NA	NA
AMD C-60	476	2346	NA	NA
AMD C-60 APU	544	2287	NA	NA
AMD C-70 APU	564	2281	NA	NA
AMD E1 Micro-6200T APU	960	2080	NA	NA
AMD E1-1200 APU	660	2229	NA	NA
AMD E1-1500 APU	686	2219	NA	NA
AMD E1-2100 APU	631	2244	NA	NA
AMD E1-2200 APU	767	2177	NA	NA
AMD E1-2500 APU	890	2124	NA	NA
AMD E1-6010 APU	857	2138	NA	NA
AMD E1-6015 APU	895	2123	NA	NA
AMD E1-7010 APU	1006	2041	NA	NA
AMD E2-1800 APU	820	2158	NA	NA
AMD E2-2000 APU	829	2152	NA	NA
AMD E2-3000 APU	1088	1995	NA	NA
AMD E2-3000M APU	1088	1994	54.43	\$20.00*
AMD E2-3200 APU	1441	1803	180.35	\$7.99*
AMD E2-3800 APU	1644	1706	NA	NA
AMD E2-6110 APU	1903	1571	NA	NA
AMD E2-7110 APU	2283	1419	NA	NA
AMD E2-9000	1596	1734	NA	NA
AMD E2-9000e	1353	1844	NA	NA
AMD E2-9010	1829	1614	NA	NA
AMD E-240	317	2516	NA	NA
AMD E-300 APU	612	2254	NA	NA
AMD E-350	747	2189	NA	NA
AMD E-350 APU	757	2185	NA	NA
AMD E-350D APU	725	2198	NA	NA
AMD E-450 APU	766	2178	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1646	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1497	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2512	1334	NA	NA
AMD Embedded R-Series RX-216GD	2409	1370	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded R-Series RX-418GD Radeon R6	5068	708	NA	NA
AMD Embedded R-Series RX-421BD	4635	787	NA	NA
AMD EPYC 7251 8-Core	10679	206	20.91	\$510.82
AMD EPYC 7351P	15820	84	18.99	\$832.87
AMD EPYC 7401P	18546	44	13.64	\$1,359.97
AMD EPYC 7501	18942	41	5.07	\$3,732.99
AMD EPYC 7551	18483	46	4.17	\$4,432.95
AMD FirePro A320 APU	4540	810	NA	NA
AMD FX-670K Quad-Core	4532	813	NA	NA
AMD FX-770K Quad-Core	4788	763	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-870K Quad Core	5126	695	NA	NA
AMD FX-4100 Quad-Core	4064	896	31.27	\$129.99*
AMD FX-4130 Quad-Core	4171	883	54.89	\$75.99*
AMD FX-4150 Quad-Core	4594	798	NA	NA
AMD FX-4170 Quad-Core	4852	749	33.79	\$143.61*
AMD FX-4200 Quad-Core	4261	860	18.68	\$228.21*
AMD FX-4300 Quad-Core	4679	780	93.63	\$49.98
AMD FX-4320	5002	721	NA	NA
AMD FX-4330	5222	685	NA	NA
AMD FX-4350 Quad-Core	5341	673	53.42	\$99.99
AMD FX-6100 Six-Core	5378	664	17.99	\$299.00
AMD FX-6120 Six-Core	5748	614	NA	NA
AMD FX-6130 Six-Core	6215	560	NA	NA
AMD FX-6200 Six-Core	6121	573	18.01	\$339.95
AMD FX-6300 Six-Core	6384	555	98.30	\$64.95
AMD FX-6330 Six-Core	6916	502	NA	NA
AMD FX-6350 Six-Core	6987	494	69.88	\$99.99
AMD FX-7500 APU	3211	1107	NA	NA
AMD FX-7600P	4053	898	NA	NA
AMD FX-7600P APU	4627	789	NA	NA
AMD FX-8100 Eight-Core	6018	584	42.39	\$142.00*
AMD FX-8120 Eight-Core	6594	530	36.64	\$179.99*
AMD FX-8140 Eight-Core	6033	583	NA	NA
AMD FX-8150 Eight-Core	7625	440	19.88	\$383.50*
AMD FX-8300 Eight-Core	7717	432	90.80	\$84.99
AMD FX-8310 Eight-Core	7750	427	NA	NA
AMD FX-8320 Eight-Core	8018	406	97.20	\$82.50
AMD FX-8320E Eight-Core	7540	446	68.55	\$109.99
AMD FX-8350 Eight-Core	8949	336	99.45	\$89.99
AMD FX-8370 Eight-Core	9024	328	60.57	\$149.00
AMD FX-8370E Eight-Core	7799	421	32.17	\$242.40
AMD FX-8800P	4152	885	NA	NA
AMD FX-9370 Eight-Core	9471	290	14.85	\$638.00
AMD FX-9590 Eight-Core	10193	232	107.32	\$94.99
AMD FX-9800P	4007	911	NA	NA
AMD FX-9830P	4747	768	NA	NA
AMD FX-B4150 Quad-Core	4611	793	NA	NA
AMD G-T40E	485	2334	NA	NA
AMD G-T40N	516	2307	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T44R	227	2641	NA	NA
AMD G-T48E	716	2202	NA	NA
AMD G-T52R	303	2539	NA	NA
AMD G-T56E	751	2187	NA	NA
AMD G-T56N	786	2171	NA	NA
AMD Geode NX	264	2602	NA	NA
AMD Geode NX 1750	291	2557	NA	NA
AMD GX-210JA SOC	401	2427	NA	NA
AMD GX-212JC SOC	744	2190	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD GX-217GA SOC	1097	1987	NA	NA
AMD GX-218GL SOC	1115	1975	NA	NA
AMD GX-222GC SOC	1255	1903	NA	NA
AMD GX-412HC	1497	1780	NA	NA
AMD GX-415GA SOC	1950	1550	NA	NA
AMD GX-420CA SOC	2299	1407	NA	NA
AMD GX-424CC SOC	2488	1342	NA	NA
AMD K7	403	2422	NA	NA
AMD Opteron 140	396	2432	0.56	\$710.00
AMD Opteron 142	428	2399	NA	NA
AMD Opteron 144	486	2333	7.48	\$65.00*
AMD Opteron 146	532	2297	8.87	\$59.99*
AMD Opteron 148	603	2259	NA	NA
AMD Opteron 150	604	2257	NA	NA
AMD Opteron 152	658	2230	NA	NA
AMD Opteron 154	703	2212	NA	NA
AMD Opteron 165	899	2121	1.47	\$610.00*
AMD Opteron 170	1097	1988	NA	NA
AMD Opteron 175	1167	1950	NA	NA
AMD Opteron 180	1228	1918	9.45	\$129.95
AMD Opteron 185	1360	1839	NA	NA
AMD Opteron 246	632	2243	31.62	\$19.99
AMD Opteron 248	476	2345	4.34	\$109.95
AMD Opteron 250	649	2234	59.01	\$11.00*
AMD Opteron 252	760	2182	12.00	\$63.36*
AMD Opteron 254	693	2215	NA	NA
AMD Opteron 256	963	2076	50.72	\$19.00*
AMD Opteron 265	963	2077	6.02	\$159.95*
AMD Opteron 270	1083	1999	1.78	\$607.47*
AMD Opteron 275	1291	1878	19.87	\$64.99
AMD Opteron 280	1272	1895	1.60	\$796.67*
AMD Opteron 285	1470	1788	NA	NA
AMD Opteron 290	1464	1790	10.85	\$135.00*
AMD Opteron 1210	923	2106	NA	NA
AMD Opteron 1210 HE	971	2066	NA	NA
AMD Opteron 1212	1009	2040	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1866	NA	NA
AMD Opteron 1214	1191	1936	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1870	NA	NA
AMD Opteron 1216	1311	1864	23.91	\$54.85*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1216 HE	1172	1948	NA	NA
AMD Opteron 1218	1468	1789	NA	NA
AMD Opteron 1218 HE	1444	1801	NA	NA
AMD Opteron 1220	1653	1704	NA	NA
AMD Opteron 1222	1757	1643	NA	NA
AMD Opteron 1352	2368	1385	17.42	\$135.99*
AMD Opteron 1354	2630	1291	8.49	\$309.97*
AMD Opteron 1356	2765	1254	30.73	\$89.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1381	3065	1150	NA	NA
AMD Opteron 2212	1270	1897	105.89	\$12.00*
AMD Opteron 2214	1358	1840	104.51	\$13.00
AMD Opteron 2214 HE	1415	1813	NA	NA
AMD Opteron 2216	1518	1769	8.53	\$178.00*
AMD Opteron 2218	1594	1737	49.18	\$32.42*
AMD Opteron 2220	1701	1676	1.15	\$1,475.16*
AMD Opteron 2220 SE	1398	1819	55.92	\$25.00
AMD Opteron 2222	1843	1605	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1564	NA	NA
AMD Opteron 2350	2820	1230	10.45	\$269.99*
AMD Opteron 2356	2814	1236	188.25	\$14.95
AMD Opteron 2373 EE	2789	1244	NA	NA
AMD Opteron 2374 HE	2951	1187	15.53	\$189.99*
AMD Opteron 2376	2283	1420	91.32	\$25.00*
AMD Opteron 2378	3179	1113	17.76	\$179.00*
AMD Opteron 2380	2640	1289	105.64	\$25.00*
AMD Opteron 2384	3538	1020	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1021	NA	NA
AMD Opteron 2393 SE	2246	1438	NA	NA
AMD Opteron 2427	3069	1148	32.26	\$95.14*
AMD Opteron 2431	4516	814	112.91	\$40.00
AMD Opteron 2435	4708	771	39.11	\$120.40*
AMD Opteron 3260 HE	3259	1089	NA	NA
AMD Opteron 3280	5286	679	19.35	\$273.18*
AMD Opteron 3320 EE	2675	1280	NA	NA
AMD Opteron 3350 HE	4009	909	NA	NA
AMD Opteron 3365	5929	591	NA	NA
AMD Opteron 3380	6384	554	7.89	\$809.00*
AMD Opteron 4122	2942	1192	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1117	NA	NA
AMD Opteron 4184	4418	830	8.50	\$519.95*
AMD Opteron 4280	6430	550	14.09	\$456.44*
AMD Opteron 4284	6660	523	18.64	\$357.30*
AMD Opteron 4332 HE	5614	629	NA	NA
AMD Opteron 4334	6133	572	28.34	\$216.42*
AMD Opteron 4365 EE	5025	717	NA	NA
AMD Opteron 4386	5419	660	14.32	\$378.52*
AMD Opteron 6128	4505	815	214.63	\$20.99
AMD Opteron 6134	2938	1195	4.93	\$595.95*
AMD Opteron 6136	4631	788	12.90	\$359.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6164 HE	5351	670	NA	NA
AMD Opteron 6174	6171	568	561.53	\$10.99
AMD Opteron 6212	5776	610	27.57	\$209.50*
AMD Opteron 6220	6785	510	32.31	\$210.00
AMD Opteron 6234	5979	586	14.95	\$399.99*
AMD Opteron 6238	7316	463	6.72	\$1,088.11*
AMD Opteron 6272	6748	515	21.60	\$312.40

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6274	4865	744	23.17	\$210.00
AMD Opteron 6276	9011	329	29.17	\$308.89
AMD Opteron 6282 SE	9116	320	8.36	\$1,089.99*
AMD Opteron 6287 SE	9789	266	NA	NA
AMD Opteron 6328	7813	419	15.32	\$509.98
AMD Opteron 6366 HE	7503	449	7.43	\$1,010.00
AMD Opteron 6376	9414	297	15.72	\$599.00
AMD Opteron 6378	2152	1467	5.40	\$399.00*
AMD Opteron 6380	10081	243	67.22	\$149.99
AMD Opteron 6386 SE	10748	202	71.66	\$149.99
AMD Opteron 8354	2255	1432	102.52	\$22.00
AMD Opteron 8439 SE	3813	952	50.84	\$75.00*
AMD Opteron X3216 APU	2368	1384	NA	NA
AMD Opteron X3421 APU	4997	723	NA	NA
AMD Phenom 2 X4 12000	3005	1170	NA	NA
AMD Phenom 7950 Quad-Core	2991	1175	NA	NA
AMD Phenom 8250 Triple-Core	1644	1707	NA	NA
AMD Phenom 8250e Triple-Core	1619	1720	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1637	1711	NA	NA
AMD Phenom 8450 Triple-Core	1886	1587	63.00	\$29.95*
AMD Phenom 8450e Triple-Core	2040	1513	NA	NA
AMD Phenom 8600 Triple-Core	1703	1673	32.16	\$52.99*
AMD Phenom 8600B Triple-Core	1926	1562	36.36	\$52.99*
AMD Phenom 8650 Triple-Core	1992	1531	39.86	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1506	NA	NA
AMD Phenom 8750B Triple-Core	2034	1514	NA	NA
AMD Phenom 8850 Triple-Core	2026	1516	NA	NA
AMD Phenom 8850B Triple-Core	2080	1500	NA	NA
AMD Phenom 9100e Quad-Core	1838	1610	46.03	\$39.95*
AMD Phenom 9150e Quad-Core	2113	1485	52.90	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1397	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1294	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2207	1451	24.54	\$89.96*
AMD Phenom 9550 Quad-Core	2545	1319	63.70	\$39.95*
AMD Phenom 9600 Quad-Core	2306	1401	46.18	\$49.95*
AMD Phenom 9600B Quad-Core	2571	1314	17.47	\$147.19*
AMD Phenom 9650 Quad-Core	2641	1288	48.08	\$54.95*
AMD Phenom 9750 Quad-Core	2816	1234	46.98	\$59.95*
AMD Phenom 9750B Quad-Core	2709	1270	NA	NA
AMD Phenom 9850 Quad-Core	2896	1213	57.94	\$50.00*
AMD Phenom 9850B Quad-Core	3160	1125	NA	NA
AMD Phenom 9950 Quad-Core	3015	1168	16.75	\$179.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom FX-5000 Quad-Core	2518	1330	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1188	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	998	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1031	NA	NA
AMD Phenom II N620 Dual-Core	1679	1686	42.14	\$39.86*
AMD Phenom II N640 Dual-Core	1740	1651	26.80	\$64.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N660 Dual-Core	1852	1599	18.72	\$99.00*
AMD Phenom II N830 3+1	2652	1284	NA	NA
AMD Phenom II N830 Triple-Core	1888	1584	NA	NA
AMD Phenom II N850 Triple-Core	1935	1557	77.40	\$25.00*
AMD Phenom II N870 Triple-Core	1988	1533	NA	NA
AMD Phenom II N930 Quad-Core	2269	1428	17.46	\$129.95*
AMD Phenom II N950 Quad-Core	2481	1347	22.04	\$112.60*
AMD Phenom II N970 Quad-Core	2522	1329	16.82	\$149.99*
AMD Phenom II P650 Dual-Core	1603	1732	45.81	\$35.00*
AMD Phenom II P820 Triple-Core	1610	1727	NA	NA
AMD Phenom II P840 Triple-Core	1731	1656	NA	NA
AMD Phenom II P860 Triple-Core	1759	1641	NA	NA
AMD Phenom II P920 Quad-Core	1861	1595	24.82	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1618	NA	NA
AMD Phenom II P960 Quad-Core	2088	1496	74.60	\$28.00*
AMD Phenom II X2 511	2104	1490	NA	NA
AMD Phenom II X2 521	2077	1502	NA	NA
AMD Phenom II X2 545	1902	1573	20.40	\$93.28
AMD Phenom II X2 550	2022	1518	40.46	\$49.99
AMD Phenom II X2 555	2041	1512	19.95	\$102.33*
AMD Phenom II X2 560	2056	1508	19.41	\$105.95
AMD Phenom II X2 565	2211	1449	20.01	\$110.48*
AMD Phenom II X2 570	1960	1543	NA	NA
AMD Phenom II X2 B53	1709	1666	NA	NA
AMD Phenom II X2 B55	1937	1554	40.37	\$48.00*
AMD Phenom II X2 B57	1887	1586	NA	NA
AMD Phenom II X2 B59	2138	1473	42.82	\$49.95*
AMD Phenom II X3 700e	2285	1417	NA	NA
AMD Phenom II X3 705e	2227	1445	14.63	\$152.34*
AMD Phenom II X3 710	2443	1358	28.91	\$84.53*
AMD Phenom II X3 715	2649	1286	31.17	\$84.99*
AMD Phenom II X3 720	2684	1277	38.36	\$69.99
AMD Phenom II X3 740	3002	1172	33.75	\$88.99*
AMD Phenom II X3 B73	2735	1267	36.47	\$75.00*
AMD Phenom II X3 B75	2946	1190	NA	NA
AMD Phenom II X3 B77	3067	1149	NA	NA
AMD Phenom II X4 805	2997	1174	17.23	\$173.99*
AMD Phenom II X4 810	3127	1133	26.97	\$115.99*
AMD Phenom II X4 820	3417	1048	45.59	\$74.95*
AMD Phenom II X4 830	3443	1042	43.07	\$79.95*
AMD Phenom II X4 840	3513	1025	39.06	\$89.95*
AMD Phenom II X4 840T	3601	1001	45.05	\$79.95*
AMD Phenom II X4 850	3548	1018	31.83	\$111.49*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 900e	2882	1216	NA	NA
AMD Phenom II X4 905e	3087	1144	14.54	\$212.38*
AMD Phenom II X4 910	3258	1091	32.58	\$100.00*
AMD Phenom II X4 910e	3260	1088	20.77	\$156.99*
AMD Phenom II X4 920	3403	1052	48.63	\$69.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 925	3424	1045	21.40	\$159.99*
AMD Phenom II X4 940	3597	1002	29.98	\$119.99*
AMD Phenom II X4 945	3671	989	53.91	\$68.11*
AMD Phenom II X4 955	3937	926	30.25	\$130.16*
AMD Phenom II X4 960T	3794	956	28.11	\$134.99*
AMD Phenom II X4 965	4197	874	64.62	\$64.95
AMD Phenom II X4 970	4341	849	29.31	\$148.11
AMD Phenom II X4 973	3759	967	NA	NA
AMD Phenom II X4 975	4483	819	34.49	\$129.99*
AMD Phenom II X4 977	3750	970	NA	NA
AMD Phenom II X4 980	4504	816	32.96	\$136.64*
AMD Phenom II X4 8700e	2377	1380	NA	NA
AMD Phenom II X4 B05e	2781	1246	NA	NA
AMD Phenom II X4 B15e	2736	1266	NA	NA
AMD Phenom II X4 B25	3336	1071	NA	NA
AMD Phenom II X4 B35	3383	1061	NA	NA
AMD Phenom II X4 B40	3406	1051	NA	NA
AMD Phenom II X4 B45	3469	1036	NA	NA
AMD Phenom II X4 B50	3701	984	NA	NA
AMD Phenom II X4 B55	3862	940	NA	NA
AMD Phenom II X4 B60	4045	900	NA	NA
AMD Phenom II X4 B65	4177	880	NA	NA
AMD Phenom II X4 B70	4261	861	NA	NA
AMD Phenom II X4 B93	3361	1065	NA	NA
AMD Phenom II X4 B95	3708	979	50.83	\$72.95*
AMD Phenom II X4 B97	3897	933	48.75	\$79.95*
AMD Phenom II X4 B99	4130	891	NA	NA
AMD Phenom II X6 1035T	4669	781	24.70	\$189.00*
AMD Phenom II X6 1045T	4824	755	27.57	\$175.00*
AMD Phenom II X6 1055T	4973	726	26.89	\$185.00*
AMD Phenom II X6 1065T	5079	706	NA	NA
AMD Phenom II X6 1075T	5350	671	20.58	\$259.99*
AMD Phenom II X6 1090T	5594	632	14.12	\$396.08*
AMD Phenom II X6 1100T	5744	616	28.72	\$199.99
AMD Phenom II X6 1405T	5042	715	NA	NA
AMD Phenom II X620 Dual-Core	2189	1457	NA	NA
AMD Phenom II X640 Dual-Core	2021	1520	NA	NA
AMD Phenom II X920 Quad-Core	2638	1290	NA	NA
AMD Phenom II X940 Quad-Core	2695	1274	NA	NA
AMD Phenom Ultra X4 24500	3945	924	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1677	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1452	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1645	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1942	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X2 Dual-Core GP-7730	1435	1805	NA	NA
AMD Phenom X3 8550	1928	1559	11.35	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1642	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1529	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X4 Quad-Core GP-9600	2235	1443	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2812	1237	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1269	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1275	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1930	NA	NA
AMD PRO A4-3350B APU	2833	1226	NA	NA
AMD PRO A4-8350B	2942	1193	NA	NA
AMD PRO A6-7350B	2759	1258	NA	NA
AMD PRO A6-8500B	2516	1331	NA	NA
AMD PRO A6-8530B	2435	1361	NA	NA
AMD PRO A6-8550B	3018	1165	NA	NA
AMD PRO A6-8570	3049	1157	NA	NA
AMD PRO A6-8570E	2824	1228	NA	NA
AMD PRO A6-9500	3262	1087	44.09	\$74.00*
AMD PRO A6-9500B	2076	1503	NA	NA
AMD PRO A6-9500E	2761	1256	37.31	\$74.00*
AMD PRO A8-8600B	3561	1015	NA	NA
AMD PRO A8-8650B	5442	657	NA	NA
AMD PRO A8-8670E	4692	775	NA	NA
AMD PRO A8-9600	5321	675	44.72	\$119.00*
AMD PRO A8-9600B	4004	912	NA	NA
AMD PRO A10-8700B	3583	1008	NA	NA
AMD PRO A10-8730B	3959	921	NA	NA
AMD PRO A10-8750B	5646	626	NA	NA
AMD PRO A10-8770	5707	617	NA	NA
AMD PRO A10-8770E	4881	743	NA	NA
AMD PRO A10-8850B	5852	601	NA	NA
AMD PRO A10-9700	5683	620	33.63	\$169.00*
AMD PRO A10-9700B	4393	834	NA	NA
AMD PRO A10-9700E	4949	733	35.61	\$139.00*
AMD PRO A12-8800B	4189	878	NA	NA
AMD PRO A12-8830B	4377	838	NA	NA
AMD PRO A12-8870	6067	580	NA	NA
AMD PRO A12-8870E	5049	714	NA	NA
AMD PRO A12-9800	6199	563	36.68	\$169.00*
AMD PRO A12-9800B	4241	867	NA	NA
AMD PRO A12-9800E	4793	762	28.36	\$169.00*
AMD QC-4000	1657	1702	NA	NA
AMD R-260H APU	1576	1743	NA	NA
AMD R-460L APU	1954	1545	NA	NA
AMD R-464L APU	3117	1135	NA	NA
AMD RX-427BB	4250	865	NA	NA
AMD Ryzen 3 1200	6803	509	72.37	\$94.00
AMD Ryzen 3 1300X	7495	450	59.97	\$124.99
AMD Ryzen 3 2200G	7355	461	77.43	\$94.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 3 2200U	4437	825	NA	NA
AMD Ryzen 3 2300U	7172	475	NA	NA
AMD Ryzen 3 PRO 1200	7069	488	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 3 PRO 1300	8300	380	NA	NA
AMD Ryzen 3 PRO 2200	8086	398	NA	NA
AMD Ryzen 3 PRO 2200GE	8004	409	NA	NA
AMD Ryzen 3 PRO 2300U	7221	472	NA	NA
AMD Ryzen 5 1400	8428	374	57.31	\$147.08
AMD Ryzen 5 1500X	10105	241	67.37	\$149.99
AMD Ryzen 5 1600	12280	164	79.23	\$154.99
AMD Ryzen 5 1600X	13231	143	67.69	\$195.48
AMD Ryzen 5 2400G	9291	309	61.94	\$149.99
AMD Ryzen 5 2400GE	8513	367	NA	NA
AMD Ryzen 5 2500U	7601	442	NA	NA
AMD Ryzen 5 2600	13532	137	79.61	\$169.99
AMD Ryzen 5 2600X	14476	111	76.60	\$188.99
AMD Ryzen 5 PRO 1500	10868	197	NA	NA
AMD Ryzen 5 PRO 1600	12213	166	NA	NA
AMD Ryzen 5 PRO 2400G	10204	230	NA	NA
AMD Ryzen 5 PRO 2400GE	10178	234	NA	NA
AMD Ryzen 5 PRO 2500U	9259	310	NA	NA
AMD Ryzen 7 1700	13745	130	63.64	\$215.99
AMD Ryzen 7 1700X	14620	106	60.92	\$239.99
AMD Ryzen 7 1800X	15405	89	64.19	\$239.99
AMD Ryzen 7 2700	15288	94	52.72	\$289.99
AMD Ryzen 7 2700U	7581	444	NA	NA
AMD Ryzen 7 2700X	16929	62	52.91	\$319.99
AMD Ryzen 7 PRO 1700	14811	103	NA	NA
AMD Ryzen 7 PRO 1700X	15349	90	NA	NA
AMD Ryzen 7 PRO 2700U	9402	299	NA	NA
AMD Ryzen 7 PRO 2700X	13827	126	NA	NA
AMD Ryzen Threadripper 1900X	15325	93	38.32	\$399.99
AMD Ryzen Threadripper 1920X	18248	49	23.24	\$785.31
AMD Ryzen Threadripper 1950X	22110	17	27.64	\$799.99
AMD Sempron 130	656	2232	26.29	\$24.99*
AMD Sempron 140	738	2192	18.65	\$39.59*
AMD Sempron 145	811	2164	8.55	\$94.92
AMD Sempron 150	707	2208	15.74	\$44.95
AMD Sempron 200U	267	2598	3.08	\$87.00*
AMD Sempron 210U	378	2450	NA	NA
AMD Sempron 2100+	392	2439	NA	NA
AMD Sempron 2200+	281	2582	9.38	\$29.99*
AMD Sempron 2300+	318	2515	7.07	\$45.00*
AMD Sempron 2400+	313	2524	11.62	\$27.00*
AMD Sempron 2500+	335	2500	4.20	\$79.95*
AMD Sempron 2600+	373	2457	10.70	\$34.95
AMD Sempron 2650 APU	939	2094	30.32	\$31.00
AMD Sempron 2800+	383	2445	6.40	\$59.95
AMD Sempron 3000+	408	2414	20.43	\$20.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 3100+	452	2368	7.53	\$60.00*
AMD Sempron 3200+	404	2420	31.12	\$13.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 3300+	484	2339	16.14	\$30.00
AMD Sempron 3400+	454	2366	15.18	\$29.91
AMD Sempron 3500+	384	2444	19.23	\$20.00*
AMD Sempron 3600+	487	2331	40.59	\$12.00*
AMD Sempron 3800+	554	2284	26.39	\$21.00*
AMD Sempron 3850 APU	1707	1667	44.89	\$38.04
AMD Sempron Dual Core 2100	924	2105	23.69	\$39.00*
AMD Sempron Dual Core 2200	995	2053	NA	NA
AMD Sempron Dual Core 2300	982	2062	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2086	NA	NA
AMD Sempron Dual Core 4900	1081	2001	NA	NA
AMD Sempron LE-250	490	2326	NA	NA
AMD Sempron LE-1100	438	2385	NA	NA
AMD Sempron LE-1150	445	2375	NA	NA
AMD Sempron LE-1200	529	2298	NA	NA
AMD Sempron LE-1250	541	2290	6.77	\$79.95
AMD Sempron LE-1300	612	2252	30.64	\$20.00
AMD Sempron LE-1600	535	2295	NA	NA
AMD Sempron LE-1620	635	2242	NA	NA
AMD Sempron LE-1640	759	2183	NA	NA
AMD Sempron M100	558	2283	46.58	\$12.00*
AMD Sempron M120	582	2267	NA	NA
AMD Sempron SI-40	443	2378	36.93	\$12.00*
AMD Sempron SI-42	453	2367	15.11	\$30.01
AMD Sempron X2 180	1222	1921	17.62	\$69.40*
AMD Sempron X2 190	1513	1771	18.14	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1814	NA	NA
AMD Turion 64 Mobile MK-36	461	2358	NA	NA
AMD Turion 64 Mobile MK-38	514	2309	NA	NA
AMD Turion 64 Mobile ML-28	390	2441	NA	NA
AMD Turion 64 Mobile ML-30	402	2424	NA	NA
AMD Turion 64 Mobile ML-32	410	2411	NA	NA
AMD Turion 64 Mobile ML-34	425	2401	NA	NA
AMD Turion 64 Mobile ML-37	441	2379	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2303	NA	NA
AMD Turion 64 Mobile ML-42	615	2250	NA	NA
AMD Turion 64 Mobile ML-44	591	2262	NA	NA
AMD Turion 64 Mobile MT-28	419	2402	NA	NA
AMD Turion 64 Mobile MT-30	378	2448	NA	NA
AMD Turion 64 Mobile MT-32	426	2400	NA	NA
AMD Turion 64 Mobile MT-34	429	2397	NA	NA
AMD Turion 64 Mobile MT-37	484	2337	NA	NA
AMD Turion 64 Mobile MT-40	536	2293	NA	NA
AMD Turion 64 X2 Mobile TL-50	753	2186	15.08	\$49.99*
AMD Turion 64 X2 Mobile TL-52	760	2181	NA	NA
AMD Turion 64 X2 Mobile TL-56	884	2125	44.21	\$20.00*
AMD Turion 64 X2 Mobile TL-58	943	2089	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 X2 Mobile TL-60	993	2056	45.15	\$22.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 X2 Mobile TL-62	1091	1992	3.51	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1108	1982	28.13	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1148	1961	3.04	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	1954	12.92	\$90.00*
AMD Turion Dual-Core RM-70	904	2119	60.27	\$15.00*
AMD Turion Dual-Core RM-72	860	2135	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2035	NA	NA
AMD Turion Dual-Core RM-75	961	2078	35.02	\$27.46*
AMD Turion II Dual-Core Mobile M500	1292	1874	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1867	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1853	NA	NA
AMD Turion II N530 Dual-Core	1583	1739	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1764	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2064	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	1939	NA	NA
AMD Turion II Neo N40L Dual-Core	918	2111	NA	NA
AMD Turion II Neo N54L Dual-Core	1376	1829	NA	NA
AMD Turion II P520 Dual-Core	1357	1841	NA	NA
AMD Turion II P540 Dual-Core	1438	1804	28.80	\$49.96*
AMD Turion II P560 Dual-Core	1511	1773	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1407	1816	58.64	\$24.00*
AMD Turion II Ultra Dual-Core Mobile M620	1427	1807	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1693	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1757	NA	NA
AMD Turion Neo X2 Dual Core L625	820	2157	NA	NA
AMD Turion X2 Dual Core L510	923	2107	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2137	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2011	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	990	2058	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1090	1993	4.86	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1055	2015	42.32	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1142	1968	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	1960	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1014	2038	72.45	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1081	2004	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	1927	94.53	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	1915	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1873	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1354	1843	33.92	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2050	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2027	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1795	NA	NA
AMD V105	286	2569	NA	NA
AMD V120	622	2249	NA	NA
AMD V140	640	2241	12.83	\$49.95*
AMD V160	681	2223	NA	NA
AMD Z-01	523	2302	NA	NA
AMD Z-60 APU	500	2320	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD-K6 3D	90	2721	NA	NA
AMD-K6-III	108	2718	NA	NA
AMD-K7	403	2423	NA	NA
Athlon 64 Dual Core 3800+	1234	1916	NA	NA
Athlon 64 Dual Core 4200+	1156	1957	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	1832	NA	NA
Athlon 64 Dual Core 5000+	1507	1774	NA	NA
Athlon 64 Dual Core 5400+	1614	1722	NA	NA
Athlon 64 Dual Core 5600+	1548	1752	NA	NA
Athlon Dual Core 4050e	968	2071	NA	NA
Athlon Dual Core 4450e	1081	2002	NA	NA
Athlon Dual Core 4850e	1327	1857	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1224	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1083	1998	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1174	1943	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1212	1929	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1274	1894	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1931	NA	NA
HP Hexa-Core 2.0GHz	2178	1459	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2139	NA	NA
Intel 1400 @ 1.83GHz	980	2063	NA	NA
Intel 1500 @ 2.00GHz	1024	2029	NA	NA
Intel Atom 230 @ 1.60GHz	307	2532	NA	NA
Intel Atom 330 @ 1.60GHz	588	2264	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2122	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2079	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1498	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2329	1394	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1462	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3805	953	16.40	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1069	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1121	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1353	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1322	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	748	14.62	\$332.00*
Intel Atom C3955 @ 2.10GHz	5803	606	13.37	\$434.00*
Intel Atom D410 @ 1.66GHz	303	2540	0.48	\$635.99*
Intel Atom D425 @ 1.80GHz	343	2495	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	652	2233	6.71	\$97.16*
Intel Atom D525 @ 1.80GHz	703	2211	NA	NA
Intel Atom D2500 @ 1.86GHz	405	2419	NA	NA
Intel Atom D2550 @ 1.86GHz	675	2226	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2204	NA	NA
Intel Atom D2700 @ 2.13GHz	841	2147	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2200	NA	NA
Intel Atom E660 @ 1.30GHz	271	2594	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2490	NA	NA
Intel Atom E3815 @ 1.46GHz	362	2474	2.15	\$169.00
Intel Atom E3825 @ 1.33GHz	575	2275	8.18	\$70.32*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom E3826 @ 1.46GHz	489	2328	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2142	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	1955	NA	NA
Intel Atom E3845 @ 1.91GHz	1498	1779	NA	NA
Intel Atom E3940 @ 1.60GHz	1920	1563	NA	NA
Intel Atom E3950 @ 1.60GHz	1804	1624	NA	NA
Intel Atom K510 @ 1.66GHz	658	2231	NA	NA
Intel Atom N270 @ 1.60GHz	270	2596	NA	NA
Intel Atom N280 @ 1.66GHz	284	2574	NA	NA
Intel Atom N435 @ 1.33GHz	261	2606	NA	NA
Intel Atom N450 @ 1.66GHz	298	2549	NA	NA
Intel Atom N455 @ 1.66GHz	284	2572	NA	NA
Intel Atom N470 @ 1.83GHz	307	2531	NA	NA
Intel Atom N475 @ 1.83GHz	314	2521	NA	NA
Intel Atom N550 @ 1.50GHz	525	2301	6.11	\$86.00*
Intel Atom N570 @ 1.66GHz	576	2273	6.70	\$86.00*
Intel Atom N2100 @ 1.60GHz	305	2535	NA	NA
Intel Atom N2600 @ 1.60GHz	527	2299	NA	NA
Intel Atom N2800 @ 1.86GHz	628	2246	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2113	14.32	\$64.00*
Intel Atom x5-E3930 @ 1.30GHz	811	2163	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1623	1718	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1199	1934	9.02	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1005	2044	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1277	1891	60.84	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1691	1682	27.04	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1838	1609	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1903	1572	25.85	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1927	1561	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2672	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2650	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2653	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2581	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2487	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2446	NA	NA
Intel Atom Z670 @ 1.50GHz	249	2621	NA	NA
Intel Atom Z2760 @ 1.80GHz	566	2280	NA	NA
Intel Atom Z3735D @ 1.33GHz	916	2112	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2101	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	907	2118	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2117	NA	NA
Intel Atom Z3736F @ 1.33GHz	920	2109	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	2010	NA	NA
Intel Atom Z3740D @ 1.33GHz	1020	2033	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	2008	NA	NA
Intel Atom Z3745D @ 1.33GHz	1019	2034	NA	NA
Intel Atom Z3770 @ 1.46GHz	1243	1913	8.32	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2166	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3775 @ 1.46GHz	1256	1902	35.90	\$35.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3775D @ 1.49GHz	1278	1890	NA	NA
Intel Atom Z3795 @ 1.60GHz	1771	1636	NA	NA
Intel Celeron 1.70GHz	130	2711	NA	NA
Intel Celeron 1.80GHz	136	2708	NA	NA
Intel Celeron 2.00GHz	185	2680	NA	NA
Intel Celeron 2.10GHz	244	2628	NA	NA
Intel Celeron 2.13GHz	208	2660	NA	NA
Intel Celeron 2.20GHz	213	2655	NA	NA
Intel Celeron 2.26GHz	223	2645	NA	NA
Intel Celeron 2.30GHz	227	2642	NA	NA
Intel Celeron 2.40GHz	217	2651	NA	NA
Intel Celeron 2.50GHz	247	2623	NA	NA
Intel Celeron 2.53GHz	245	2626	NA	NA
Intel Celeron 2.60GHz	238	2632	NA	NA
Intel Celeron 2.66GHz	252	2617	NA	NA
Intel Celeron 2.70GHz	245	2627	NA	NA
Intel Celeron 2.80GHz	254	2613	NA	NA
Intel Celeron 2.93GHz	285	2570	NA	NA
Intel Celeron 3.06GHz	284	2571	NA	NA
Intel Celeron 3.20GHz	288	2562	NA	NA
Intel Celeron 3.33GHz	333	2503	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2511	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2514	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2369	11.27	\$39.99
Intel Celeron 430 @ 1.80GHz	492	2323	16.41	\$29.99
Intel Celeron 440 @ 2.00GHz	546	2285	6.84	\$79.95
Intel Celeron 450 @ 2.20GHz	626	2247	20.89	\$29.99
Intel Celeron 530 @ 1.73GHz	468	2351	20.37	\$23.00*
Intel Celeron 540 @ 1.86GHz	511	2312	NA	NA
Intel Celeron 550 @ 2.00GHz	514	2308	15.22	\$33.80
Intel Celeron 560 @ 2.13GHz	535	2294	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2304	NA	NA
Intel Celeron 600MHz	147	2704	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2418	NA	NA
Intel Celeron 743 @ 1.30GHz	435	2389	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2188	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2463	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2251	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2097	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1026	2028	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	1966	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	1947	39.12	\$29.99
Intel Celeron 877 @ 1.40GHz	1288	1881	NA	NA
Intel Celeron 887 @ 1.50GHz	1280	1888	NA	NA
Intel Celeron 900 @ 2.20GHz	677	2225	23.38	\$28.99
Intel Celeron 925 @ 2.30GHz	688	2217	NA	NA
Intel Celeron 1000M @ 1.80GHz	1674	1690	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1000MHz	241	2630	NA	NA
Intel Celeron 1005M @ 1.90GHz	1818	1619	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1007U @ 1.50GHz	1396	1821	7.55	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1521	1762	NA	NA
Intel Celeron 1019Y @ 1.00GHz	926	2103	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1444	NA	NA
Intel Celeron 1037U @ 1.80GHz	1736	1654	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1938	NA	NA
Intel Celeron 1066MHz	259	2607	NA	NA
Intel Celeron 1100MHz	174	2690	NA	NA
Intel Celeron 1133MHz	282	2576	NA	NA
Intel Celeron 1200MHz	244	2629	NA	NA
Intel Celeron 1300MHz	288	2564	NA	NA
Intel Celeron 1333MHz	290	2558	NA	NA
Intel Celeron 1400MHz	302	2541	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1388	NA	NA
Intel Celeron 2950M @ 2.00GHz	2018	1522	NA	NA
Intel Celeron 2955U @ 1.40GHz	1433	1806	NA	NA
Intel Celeron 2957U @ 1.40GHz	1450	1797	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	1980	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1400	NA	NA
Intel Celeron 2980U @ 1.60GHz	1576	1744	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1745	NA	NA
Intel Celeron 3205U @ 1.50GHz	1541	1754	5.37	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1639	1709	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1674	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1532	NA	NA
Intel Celeron 3855U @ 1.60GHz	1657	1701	NA	NA
Intel Celeron 3865U @ 1.80GHz	1906	1567	NA	NA
Intel Celeron 3955U @ 2.00GHz	1829	1613	NA	NA
Intel Celeron 3965U @ 2.20GHz	2462	1351	23.02	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1619	1719	15.14	\$107.00*
Intel Celeron @ 1.30GHz	965	2072	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2678	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2161	NA	NA
Intel Celeron B800 @ 1.50GHz	1280	1889	NA	NA
Intel Celeron B810 @ 1.60GHz	1402	1817	NA	NA
Intel Celeron B815 @ 1.60GHz	1369	1833	NA	NA
Intel Celeron B820 @ 1.70GHz	1427	1808	36.33	\$39.29
Intel Celeron B830 @ 1.80GHz	1519	1767	NA	NA
Intel Celeron B840 @ 1.90GHz	1724	1658	NA	NA
Intel Celeron D 347 @ 3.06GHz	272	2592	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2542	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2518	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2502	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2421	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2341	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2266	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron E1200 @ 1.60GHz	861	2134	3.83	\$225.00
Intel Celeron E1400 @ 2.00GHz	1047	2017	1.65	\$635.00
Intel Celeron E1500 @ 2.20GHz	1166	1953	18.44	\$63.25*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron E1600 @ 2.40GHz	1260	1900	NA	NA
Intel Celeron E3200 @ 2.40GHz	1391	1822	26.77	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1391	1823	2.53	\$550.00
Intel Celeron E3400 @ 2.60GHz	1443	1802	28.96	\$49.85
Intel Celeron E3500 @ 2.70GHz	1454	1794	23.45	\$62.01
Intel Celeron G440 @ 1.60GHz	690	2216	13.81	\$49.99
Intel Celeron G460 @ 1.80GHz	1028	2025	15.83	\$65.00
Intel Celeron G465 @ 1.90GHz	1074	2007	35.82	\$29.99
Intel Celeron G470 @ 2.00GHz	1298	1872	NA	NA
Intel Celeron G530 @ 2.40GHz	2147	1470	53.70	\$39.99
Intel Celeron G530T @ 2.00GHz	1604	1729	NA	NA
Intel Celeron G540 @ 2.50GHz	2200	1453	87.93	\$25.03*
Intel Celeron G540T @ 2.10GHz	2114	1483	NA	NA
Intel Celeron G550 @ 2.60GHz	2289	1412	114.54	\$19.99*
Intel Celeron G550T @ 2.20GHz	2063	1504	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1365	15.77	\$153.59
Intel Celeron G1101 @ 2.27GHz	1667	1695	115.47	\$14.44
Intel Celeron G1610 @ 2.60GHz	2495	1340	99.84	\$24.99
Intel Celeron G1610T @ 2.30GHz	2304	1403	57.55	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2582	1310	16.81	\$153.59
Intel Celeron G1620T @ 2.40GHz	2353	1390	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2483	1345	49.68	\$49.99
Intel Celeron G1820 @ 2.70GHz	2763	1255	19.74	\$139.99
Intel Celeron G1820T @ 2.40GHz	2505	1336	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1476	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1321	36.35	\$69.99
Intel Celeron G1840 @ 2.80GHz	2865	1218	40.93	\$69.99
Intel Celeron G1840T @ 2.50GHz	2605	1300	NA	NA
Intel Celeron G1850 @ 2.90GHz	2902	1208	41.47	\$69.99
Intel Celeron G3900 @ 2.80GHz	3029	1163	98.90	\$30.63
Intel Celeron G3900E @ 2.40GHz	2679	1279	NA	NA
Intel Celeron G3900T @ 2.60GHz	2902	1209	NA	NA
Intel Celeron G3920 @ 2.90GHz	3421	1046	96.52	\$35.45
Intel Celeron G3930 @ 2.90GHz	3049	1156	NA	NA
Intel Celeron G3950 @ 3.00GHz	3334	1073	46.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3031	1162	72.19	\$42.00
Intel Celeron G4900T @ 2.90GHz	2960	1184	NA	NA
Intel Celeron J1750 @ 2.41GHz	1037	2023	NA	NA
Intel Celeron J1800 @ 2.41GHz	1024	2030	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1723	NA	NA
Intel Celeron J1900 @ 1.99GHz	1861	1596	NA	NA
Intel Celeron J3060 @ 1.60GHz	972	2065	NA	NA
Intel Celeron J3160 @ 1.60GHz	1788	1631	NA	NA
Intel Celeron J3355 @ 2.00GHz	1229	1917	NA	NA
Intel Celeron J3455 @ 1.50GHz	2145	1471	5.72	\$374.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 1.00GHz	207	2661	17.29	\$11.99*
Intel Celeron M 1.30GHz	316	2517	NA	NA
Intel Celeron M 1.50GHz	343	2494	NA	NA
Intel Celeron M 1.60GHz	365	2470	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 1.70GHz	393	2438	NA	NA
Intel Celeron M 360 1.40GHz	327	2508	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2519	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2497	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2466	NA	NA
Intel Celeron M 440 @ 1.86GHz	405	2417	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2614	NA	NA
Intel Celeron M 450 @ 2.00GHz	455	2364	NA	NA
Intel Celeron M 520 @ 1.60GHz	434	2393	NA	NA
Intel Celeron M 530 @ 1.73GHz	459	2360	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2289	NA	NA
Intel Celeron M 600MHz	151	2702	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2363	NA	NA
Intel Celeron M 900MHz	202	2665	NA	NA
Intel Celeron M 1200MHz	275	2590	NA	NA
Intel Celeron M 1300MHz	303	2538	NA	NA
Intel Celeron M 1500MHz	332	2505	NA	NA
Intel Celeron M ULV 800MHz	184	2683	NA	NA
Intel Celeron N2805 @ 1.46GHz	454	2365	NA	NA
Intel Celeron N2806 @ 1.60GHz	789	2170	NA	NA
Intel Celeron N2807 @ 1.58GHz	853	2141	NA	NA
Intel Celeron N2808 @ 1.58GHz	927	2100	NA	NA
Intel Celeron N2810 @ 2.00GHz	777	2173	5.55	\$139.99*
Intel Celeron N2815 @ 1.86GHz	863	2132	NA	NA
Intel Celeron N2820 @ 2.13GHz	942	2091	5.04	\$187.00
Intel Celeron N2830 @ 2.16GHz	951	2084	NA	NA
Intel Celeron N2840 @ 2.16GHz	1004	2045	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	1933	NA	NA
Intel Celeron N2920 @ 1.86GHz	1517	1770	NA	NA
Intel Celeron N2930 @ 1.83GHz	1633	1713	NA	NA
Intel Celeron N2940 @ 1.83GHz	1734	1655	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2120	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2074	NA	NA
Intel Celeron N3050 @ 1.60GHz	881	2126	7.38	\$119.42*
Intel Celeron N3060 @ 1.60GHz	991	2057	NA	NA
Intel Celeron N3150 @ 1.60GHz	1657	1703	NA	NA
Intel Celeron N3160 @ 1.60GHz	1702	1675	5.93	\$286.99*
Intel Celeron N3350 @ 1.10GHz	1122	1972	NA	NA
Intel Celeron N3450 @ 1.10GHz	1826	1615	10.86	\$168.25
Intel Celeron P4500 @ 1.87GHz	1139	1970	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2055	NA	NA
Intel Celeron P4600 @ 2.00GHz	1340	1849	NA	NA
Intel Celeron SU2300 @ 1.20GHz	776	2174	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2085	47.53	\$19.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron T1700 @ 1.83GHz	1058	2012	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1671	NA	NA
Intel Celeron U3400 @ 1.07GHz	733	2193	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2220	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2165	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E4300 @ 1.80GHz	1047	2016	6.63	\$157.95
Intel Core2 Duo E4400 @ 2.00GHz	1158	1956	7.34	\$157.95
Intel Core2 Duo E4500 @ 2.20GHz	1274	1893	31.86	\$39.99
Intel Core2 Duo E4600 @ 2.40GHz	1385	1824	8.77	\$157.95
Intel Core2 Duo E4700 @ 2.60GHz	1484	1784	14.85	\$100.00*
Intel Core2 Duo E6300 @ 1.86GHz	1110	1979	11.94	\$93.00
Intel Core2 Duo E6320 @ 1.86GHz	1185	1941	23.71	\$49.99
Intel Core2 Duo E6400 @ 2.13GHz	1290	1879	25.82	\$49.99
Intel Core2 Duo E6420 @ 2.13GHz	1362	1838	27.26	\$49.99
Intel Core2 Duo E6540 @ 2.33GHz	1457	1793	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1499	1778	29.99	\$49.99
Intel Core2 Duo E6600 @ 2.40GHz	1553	1751	103.66	\$14.99
Intel Core2 Duo E6700 @ 2.66GHz	1694	1681	56.51	\$29.99
Intel Core2 Duo E6750 @ 2.66GHz	1716	1662	7.63	\$225.00
Intel Core2 Duo E6850 @ 3.00GHz	1952	1548	39.06	\$49.99
Intel Core2 Duo E7200 @ 2.53GHz	1636	1712	21.82	\$75.00
Intel Core2 Duo E7300 @ 2.66GHz	1726	1657	7.67	\$225.00
Intel Core2 Duo E7400 @ 2.80GHz	1776	1635	59.30	\$29.95
Intel Core2 Duo E7500 @ 2.93GHz	1874	1591	125.08	\$14.99
Intel Core2 Duo E7600 @ 3.06GHz	1978	1538	16.50	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1523	1761	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1765	1639	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1888	1583	37.78	\$49.99
Intel Core2 Duo E8235 @ 2.80GHz	1953	1546	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1389	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1992	1530	8.86	\$225.00
Intel Core2 Duo E8335 @ 2.66GHz	1846	1602	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1478	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2153	1466	38.82	\$55.49*
Intel Core2 Duo E8435 @ 3.06GHz	2127	1479	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2285	1416	57.15	\$39.99
Intel Core2 Duo E8600 @ 3.33GHz	2408	1371	48.19	\$49.99
Intel Core2 Duo E8700 @ 3.50GHz	2212	1448	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2179	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2221	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	841	2146	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2143	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	963	2075	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	965	2073	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	1973	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	2009	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1339	1850	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	1880	64.53	\$19.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P7370 @ 2.00GHz	1298	1871	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1420	1811	35.52	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2087	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1523	1760	6.62	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1450	1798	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2032	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P8400 @ 2.26GHz	1458	1792	4.91	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1540	1756	31.32	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1627	1717	42.84	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1650	30.56	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1748	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1765	1638	1.77	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1768	1637	17.86	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1878	1589	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2011	1524	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2263	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1268	1898	5.01	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1689	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	931	2098	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	829	2153	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	832	2151	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	816	2160	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	936	2096	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2114	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	909	2116	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2108	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1045	2018	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1028	2026	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	989	2060	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1093	1991	109.44	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1110	1978	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1191	1937	74.91	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1143	1967	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	1928	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1225	1920	81.77	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1287	1882	85.90	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1250	1907	32.49	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1363	1836	72.15	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1368	1834	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1014	2037	46.14	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	1951	11.68	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1113	1977	5.52	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1194	1935	38.54	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1244	1912	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1274	1892	29.64	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1375	1830	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1419	1812	30.22	\$46.99*
Intel Core2 Duo T7800 @ 2.60GHz	1614	1724	2.65	\$607.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T8100 @ 2.10GHz	1292	1875	1.29	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1478	1786	6.91	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1667	1694	28.76	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1737	1653	24.84	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1807	1622	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1800	1626	6.02	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1560	21.43	\$89.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T9800 @ 2.93GHz	2019	1521	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2127	1480	5.33	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	868	2131	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	582	2268	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	665	2227	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2213	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2136	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1131	1971	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1683	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3651	993	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3639	995	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3464	1039	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1869	1593	7.09	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1625	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1855	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1706	1669	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1906	1568	4.65	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2055	1510	2.41	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4166	884	4.58	\$909.00*
Intel Core2 Extreme X9750 @ 3.16GHz	4597	797	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4611	792	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	782	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2957	1186	73.95	\$39.99
Intel Core2 Quad Q6700 @ 2.66GHz	3288	1082	73.09	\$44.99
Intel Core2 Quad Q8200 @ 2.33GHz	2815	1235	122.46	\$22.99
Intel Core2 Quad Q8300 @ 2.50GHz	2989	1176	59.81	\$49.99
Intel Core2 Quad Q8400 @ 2.66GHz	3175	1114	31.91	\$99.50*
Intel Core2 Quad Q9000 @ 2.00GHz	2528	1327	6.50	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3244	1095	8.41	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3163	1120	63.27	\$49.99
Intel Core2 Quad Q9400 @ 2.66GHz	3352	1068	98.66	\$33.98
Intel Core2 Quad Q9450 @ 2.66GHz	3765	965	11.24	\$335.00
Intel Core2 Quad Q9500 @ 2.83GHz	3557	1017	104.65	\$33.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3583	1009	18.86	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3978	917	66.32	\$59.99
Intel Core2 Quad Q9650 @ 3.00GHz	4184	879	16.09	\$259.99
Intel Core2 Quad Q9705 @ 3.16GHz	3947	922	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	303	2537	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2527	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2405	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	466	2352	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core 330 @ 1.60GHz	643	2238	NA	NA
Intel Core 860 @ 2.80GHz	4555	806	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2201	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2205	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2197	NA	NA
Intel Core Duo T2050 @ 1.60GHz	698	2214	NA	NA
Intel Core Duo T2250 @ 1.73GHz	758	2184	NA	NA
Intel Core Duo T2300 @ 1.66GHz	730	2194	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2350 @ 1.86GHz	760	2180	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2168	49.64	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	822	2155	NA	NA
Intel Core Duo T2500 @ 2.00GHz	869	2129	7.24	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	941	2092	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2031	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2288	NA	NA
Intel Core Duo U2500 @ 1.20GHz	517	2305	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1556	NA	NA
Intel Core i3-330M @ 2.13GHz	1790	1630	36.88	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1074	2006	NA	NA
Intel Core i3-350M @ 2.27GHz	1894	1579	49.78	\$38.06
Intel Core i3-370M @ 2.40GHz	2017	1523	50.50	\$39.96
Intel Core i3-380M @ 2.53GHz	2095	1493	42.76	\$49.00*
Intel Core i3-380UM @ 1.33GHz	1166	1952	NA	NA
Intel Core i3-390M @ 2.67GHz	2176	1461	55.87	\$38.95*
Intel Core i3-530 @ 2.93GHz	2572	1313	128.62	\$20.00
Intel Core i3-540 @ 3.07GHz	2690	1276	122.33	\$21.99
Intel Core i3-550 @ 3.20GHz	2824	1229	15.70	\$179.95
Intel Core i3-560 @ 3.33GHz	2943	1191	98.18	\$29.98
Intel Core i3-2100 @ 3.10GHz	3683	987	122.78	\$30.00
Intel Core i3-2100T @ 2.50GHz	2911	1201	48.54	\$59.99
Intel Core i3-2102 @ 3.10GHz	3736	973	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3721	976	31.54	\$118.00
Intel Core i3-2120 @ 3.30GHz	3920	930	130.67	\$30.00
Intel Core i3-2120T @ 2.60GHz	3160	1126	29.27	\$107.98
Intel Core i3-2125 @ 3.30GHz	4020	906	20.20	\$199.00
Intel Core i3-2130 @ 3.40GHz	4061	897	58.03	\$69.99
Intel Core i3-2140 @ 3.50GHz	4325	853	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1223	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2427	1363	53.96	\$44.99
Intel Core i3-2312M @ 2.10GHz	2381	1378	NA	NA
Intel Core i3-2328M @ 2.20GHz	2535	1324	27.27	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1147	NA	NA
Intel Core i3-2330M @ 2.20GHz	2524	1328	14.83	\$170.20
Intel Core i3-2332M @ 2.20GHz	2382	1377	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1660	NA	NA
Intel Core i3-2348M @ 2.30GHz	2622	1293	NA	NA
Intel Core i3-2350M @ 2.30GHz	2619	1295	62.42	\$41.97*
Intel Core i3-2357M @ 1.30GHz	1556	1750	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2365M @ 1.40GHz	1679	1687	NA	NA
Intel Core i3-2367M @ 1.40GHz	1703	1672	NA	NA
Intel Core i3-2370M @ 2.40GHz	2770	1249	46.96	\$59.00
Intel Core i3-2375M @ 1.50GHz	1781	1632	NA	NA
Intel Core i3-2377M @ 1.50GHz	1830	1612	NA	NA
Intel Core i3-3110M @ 2.40GHz	3074	1146	38.46	\$79.95
Intel Core i3-3120M @ 2.50GHz	3217	1105	20.11	\$160.00*
Intel Core i3-3130M @ 2.60GHz	3383	1060	NA	NA
Intel Core i3-3210 @ 3.20GHz	4035	902	40.36	\$99.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3217U @ 1.80GHz	2301	1405	10.01	\$229.99
Intel Core i3-3217UE @ 1.60GHz	2162	1465	NA	NA
Intel Core i3-3220 @ 3.30GHz	4234	869	65.66	\$64.49
Intel Core i3-3220T @ 2.80GHz	3701	983	37.02	\$99.99
Intel Core i3-3225 @ 3.30GHz	4338	850	43.39	\$99.99
Intel Core i3-3227U @ 1.90GHz	2461	1352	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1694	1680	NA	NA
Intel Core i3-3240 @ 3.40GHz	4314	854	63.46	\$67.99
Intel Core i3-3240T @ 2.90GHz	3668	991	NA	NA
Intel Core i3-3245 @ 3.40GHz	4424	827	37.50	\$118.00
Intel Core i3-3250 @ 3.50GHz	4452	821	46.87	\$94.99
Intel Core i3-3250T @ 3.00GHz	3021	1164	NA	NA
Intel Core i3-4000M @ 2.40GHz	3239	1096	16.20	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2447	1357	NA	NA
Intel Core i3-4010U @ 1.70GHz	2439	1359	19.62	\$124.31
Intel Core i3-4010Y @ 1.30GHz	1897	1577	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2138	1474	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2208	1450	NA	NA
Intel Core i3-4025U @ 1.90GHz	2777	1248	NA	NA
Intel Core i3-4030U @ 1.90GHz	2705	1273	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1335	NA	NA
Intel Core i3-4100M @ 2.50GHz	3465	1038	15.85	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	939	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1210	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1155	NA	NA
Intel Core i3-4130 @ 3.40GHz	4793	761	29.01	\$165.25
Intel Core i3-4130T @ 2.90GHz	4133	889	46.44	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4900	741	44.55	\$110.00
Intel Core i3-4150T @ 3.00GHz	4260	863	18.53	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1200	NA	NA
Intel Core i3-4160 @ 3.60GHz	5054	713	37.95	\$133.19
Intel Core i3-4160T @ 3.10GHz	4389	835	29.27	\$149.99
Intel Core i3-4170 @ 3.70GHz	5186	691	35.04	\$148.00
Intel Core i3-4170T @ 3.20GHz	4582	801	30.56	\$149.95*
Intel Core i3-4330 @ 3.50GHz	5088	705	15.00	\$339.19
Intel Core i3-4330T @ 3.00GHz	4482	820	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3161	1122	NA	NA
Intel Core i3-4340 @ 3.60GHz	5237	684	30.81	\$169.99
Intel Core i3-4350 @ 3.60GHz	4963	729	29.20	\$169.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4350T @ 3.10GHz	4302	856	NA	NA
Intel Core i3-4360 @ 3.70GHz	5455	653	19.49	\$279.95
Intel Core i3-4360T @ 3.20GHz	4636	786	NA	NA
Intel Core i3-4370 @ 3.80GHz	5599	631	12.44	\$449.97
Intel Core i3-4370T @ 3.30GHz	4832	753	35.02	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	736	NA	NA
Intel Core i3-5005U @ 2.00GHz	2906	1206	NA	NA
Intel Core i3-5010U @ 2.10GHz	3059	1153	10.07	\$303.93*
Intel Core i3-5015U @ 2.10GHz	3040	1160	NA	NA
Intel Core i3-5020U @ 2.20GHz	3186	1111	6.94	\$459.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-5157U @ 2.50GHz	3668	990	NA	NA
Intel Core i3-6006U @ 2.00GHz	3110	1137	NA	NA
Intel Core i3-6098P @ 3.60GHz	5436	658	40.65	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5493	644	47.77	\$114.99
Intel Core i3-6100E @ 2.70GHz	3769	963	NA	NA
Intel Core i3-6100H @ 2.70GHz	4230	870	NA	NA
Intel Core i3-6100T @ 3.20GHz	4845	751	38.36	\$126.31
Intel Core i3-6100TE @ 2.70GHz	4337	851	NA	NA
Intel Core i3-6100U @ 2.30GHz	3606	1000	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3833	946	NA	NA
Intel Core i3-6300 @ 3.80GHz	5853	600	42.55	\$137.57
Intel Core i3-6300T @ 3.30GHz	5245	683	37.47	\$139.99
Intel Core i3-6320 @ 3.90GHz	6045	581	39.51	\$152.99
Intel Core i3-7020U @ 2.30GHz	3664	992	13.04	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5787	608	50.33	\$114.99
Intel Core i3-7100H @ 3.00GHz	4768	764	21.19	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5078	707	NA	NA
Intel Core i3-7100U @ 2.40GHz	3823	948	12.54	\$304.98
Intel Core i3-7101TE @ 3.40GHz	5016	719	42.88	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4103	894	14.60	\$281.00*
Intel Core i3-7300 @ 4.00GHz	6438	547	40.52	\$158.89*
Intel Core i3-7300T @ 3.50GHz	5366	665	NA	NA
Intel Core i3-7320 @ 4.10GHz	6541	534	36.36	\$179.90*
Intel Core i3-7350K @ 4.20GHz	6618	528	36.77	\$179.99
Intel Core i3-8100 @ 3.60GHz	8088	397	68.03	\$118.90
Intel Core i3-8130U @ 2.20GHz	5186	690	18.46	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8760	352	54.67	\$160.24
Intel Core i3-8300T @ 3.20GHz	8009	408	49.99	\$160.24
Intel Core i3-8350K @ 4.00GHz	9240	311	51.43	\$179.68
Intel Core i5 750S @ 2.40GHz	2197	1454	21.97	\$99.99
Intel Core i5 E 520 @ 2.40GHz	2486	1344	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3627	997	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3900	931	NA	NA
Intel Core i5-430M @ 2.27GHz	2100	1492	15.01	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1339	1851	NA	NA
Intel Core i5-450M @ 2.40GHz	2112	1487	66.11	\$31.95*
Intel Core i5-460M @ 2.53GHz	2328	1395	31.07	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	2003	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-480M @ 2.67GHz	2410	1369	29.90	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1439	NA	NA
Intel Core i5-520M @ 2.40GHz	2371	1383	39.53	\$59.99
Intel Core i5-520UM @ 1.07GHz	1356	1842	NA	NA
Intel Core i5-540M @ 2.53GHz	2448	1356	12.89	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1374	1831	NA	NA
Intel Core i5-560M @ 2.67GHz	2588	1305	31.58	\$81.97*
Intel Core i5-560UM @ 1.33GHz	1664	1698	NA	NA
Intel Core i5-580M @ 2.67GHz	2617	1296	10.15	\$258.00*
Intel Core i5-650 @ 3.20GHz	3105	1138	88.53	\$35.08
Intel Core i5-655K @ 3.20GHz	3399	1054	56.67	\$59.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-660 @ 3.33GHz	3258	1092	4.04	\$807.00
Intel Core i5-661 @ 3.33GHz	3180	1112	31.81	\$99.99
Intel Core i5-670 @ 3.47GHz	3308	1078	36.77	\$89.99
Intel Core i5-680 @ 3.60GHz	3513	1024	39.05	\$89.99
Intel Core i5-750 @ 2.67GHz	3700	985	24.67	\$150.00
Intel Core i5-760 @ 2.80GHz	3895	934	38.96	\$99.99
Intel Core i5-2300 @ 2.80GHz	5349	672	32.34	\$165.40
Intel Core i5-2310 @ 2.90GHz	5524	643	78.95	\$69.98
Intel Core i5-2320 @ 3.00GHz	5754	613	22.14	\$259.95
Intel Core i5-2380P @ 3.10GHz	5679	621	63.12	\$89.99
Intel Core i5-2390T @ 2.70GHz	4260	862	42.65	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5949	588	87.50	\$68.00
Intel Core i5-2400S @ 2.50GHz	4955	731	67.88	\$73.00
Intel Core i5-2405S @ 2.50GHz	5065	710	30.81	\$164.40*
Intel Core i5-2410M @ 2.30GHz	3165	1118	40.55	\$78.07*
Intel Core i5-2415M @ 2.30GHz	3299	1081	NA	NA
Intel Core i5-2430M @ 2.40GHz	3282	1084	39.03	\$84.11
Intel Core i5-2435M @ 2.40GHz	3229	1097	NA	NA
Intel Core i5-2450M @ 2.50GHz	3398	1056	38.61	\$88.02
Intel Core i5-2450P @ 3.20GHz	6144	569	68.28	\$89.99
Intel Core i5-2467M @ 1.60GHz	2337	1393	NA	NA
Intel Core i5-2500 @ 3.30GHz	6326	557	57.52	\$109.99
Intel Core i5-2500K @ 3.30GHz	6475	540	47.27	\$136.99
Intel Core i5-2500S @ 2.70GHz	5304	678	27.92	\$190.00
Intel Core i5-2500T @ 2.30GHz	4680	779	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	988	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1077	NA	NA
Intel Core i5-2520M @ 2.50GHz	3584	1007	21.13	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2090	1495	NA	NA
Intel Core i5-2540M @ 2.60GHz	3785	961	54.12	\$69.95
Intel Core i5-2550K @ 3.40GHz	6699	519	67.00	\$99.99
Intel Core i5-2557M @ 1.70GHz	2651	1285	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	969	NA	NA
Intel Core i5-3210M @ 2.50GHz	3819	950	31.76	\$120.29
Intel Core i5-3230M @ 2.60GHz	3936	927	15.77	\$249.65*
Intel Core i5-3317U @ 1.70GHz	3090	1141	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4113	892	33.52	\$122.74*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3330 @ 3.00GHz	5926	592	16.47	\$359.95*
Intel Core i5-3330S @ 2.70GHz	5664	623	59.63	\$94.99
Intel Core i5-3335S @ 2.70GHz	5788	607	NA	NA
Intel Core i5-3337U @ 1.80GHz	3219	1103	14.31	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2237	1442	NA	NA
Intel Core i5-3340 @ 3.10GHz	6081	577	23.21	\$262.01
Intel Core i5-3340M @ 2.70GHz	4245	866	53.11	\$79.95
Intel Core i5-3340S @ 2.80GHz	5819	605	38.80	\$149.99
Intel Core i5-3350P @ 3.10GHz	6143	570	26.81	\$229.09
Intel Core i5-3360M @ 2.80GHz	4417	831	45.04	\$98.08
Intel Core i5-3380M @ 2.90GHz	4421	828	NA	NA
Intel Core i5-3427U @ 1.80GHz	3542	1019	8.43	\$420.05*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3437U @ 1.90GHz	3639	994	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1196	NA	NA
Intel Core i5-3450 @ 3.10GHz	6515	537	50.55	\$128.88
Intel Core i5-3450S @ 2.80GHz	6202	562	62.03	\$99.99
Intel Core i5-3470 @ 3.20GHz	6683	521	58.04	\$115.15
Intel Core i5-3470S @ 2.90GHz	6351	556	44.87	\$141.56
Intel Core i5-3470T @ 2.90GHz	4489	818	19.87	\$226.00*
Intel Core i5-3475S @ 2.90GHz	6618	527	48.85	\$135.50
Intel Core i5-3550 @ 3.30GHz	6933	498	33.74	\$205.50
Intel Core i5-3550S @ 3.00GHz	6845	504	29.70	\$230.51*
Intel Core i5-3570 @ 3.40GHz	7094	482	50.68	\$139.99
Intel Core i5-3570K @ 3.40GHz	7167	476	49.44	\$144.99
Intel Core i5-3570S @ 3.10GHz	6705	518	23.53	\$285.00
Intel Core i5-3570T @ 2.30GHz	5877	596	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3786	960	NA	NA
Intel Core i5-4200H @ 2.80GHz	4438	824	NA	NA
Intel Core i5-4200M @ 2.50GHz	4039	901	22.44	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3285	1083	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1372	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2256	1431	NA	NA
Intel Core i5-4210H @ 2.90GHz	4540	809	NA	NA
Intel Core i5-4210M @ 2.60GHz	4191	876	13.52	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3400	1053	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2375	1382	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1430	NA	NA
Intel Core i5-4250U @ 1.30GHz	3456	1040	9.63	\$358.99*
Intel Core i5-4258U @ 2.40GHz	4077	895	NA	NA
Intel Core i5-4260U @ 1.40GHz	3593	1003	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	842	NA	NA
Intel Core i5-4288U @ 2.60GHz	4365	843	NA	NA
Intel Core i5-4300M @ 2.60GHz	4409	832	NA	NA
Intel Core i5-4300U @ 1.90GHz	3741	972	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2482	1346	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2967	1182	NA	NA
Intel Core i5-4308U @ 2.80GHz	4190	877	NA	NA
Intel Core i5-4310M @ 2.70GHz	4615	791	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4310U @ 2.00GHz	3707	980	NA	NA
Intel Core i5-4330M @ 2.80GHz	4442	823	16.16	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4810	759	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	999	NA	NA
Intel Core i5-4400E @ 2.70GHz	1271	1896	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	923	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1239	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6311	558	35.07	\$179.99
Intel Core i5-4430S @ 2.70GHz	5912	594	39.95	\$147.99*
Intel Core i5-4440 @ 3.10GHz	6488	539	38.17	\$169.99
Intel Core i5-4440S @ 2.80GHz	6198	564	13.39	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6706	517	37.26	\$179.99
Intel Core i5-4460S @ 2.90GHz	6396	553	9.69	\$659.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4460T @ 1.90GHz	4953	732	NA	NA
Intel Core i5-4570 @ 3.20GHz	7111	480	39.51	\$179.99
Intel Core i5-4570R @ 2.70GHz	6727	516	NA	NA
Intel Core i5-4570S @ 2.90GHz	6778	512	16.54	\$409.95
Intel Core i5-4570T @ 2.90GHz	4822	756	32.15	\$149.99
Intel Core i5-4570TE @ 2.70GHz	4008	910	20.04	\$199.99
Intel Core i5-4590 @ 3.30GHz	7286	467	38.35	\$189.98
Intel Core i5-4590S @ 3.00GHz	7002	493	35.01	\$199.99
Intel Core i5-4590T @ 2.00GHz	5583	634	NA	NA
Intel Core i5-4670 @ 3.40GHz	7428	456	39.31	\$188.99
Intel Core i5-4670K @ 3.40GHz	7630	439	25.43	\$299.99
Intel Core i5-4670K CPT @ 3.40GHz	7411	458	NA	NA
Intel Core i5-4670S @ 3.10GHz	6436	548	NA	NA
Intel Core i5-4670T @ 2.30GHz	6204	561	29.13	\$213.00
Intel Core i5-4690 @ 3.50GHz	7649	437	38.25	\$199.99
Intel Core i5-4690K @ 3.50GHz	7792	423	35.59	\$218.98
Intel Core i5-4690S @ 3.20GHz	7424	457	13.05	\$569.00*
Intel Core i5-4690T @ 2.50GHz	6459	542	NA	NA
Intel Core i5-5200U @ 2.20GHz	3489	1032	NA	NA
Intel Core i5-5250U @ 1.60GHz	3591	1006	8.13	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4400	833	NA	NA
Intel Core i5-5287U @ 2.90GHz	4681	778	NA	NA
Intel Core i5-5300U @ 2.30GHz	3800	955	7.37	\$515.73
Intel Core i5-5350U @ 1.80GHz	3316	1076	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	453	NA	NA
Intel Core i5-5675C @ 3.10GHz	8203	387	13.42	\$611.32*
Intel Core i5-5675R @ 3.10GHz	8054	400	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4171	882	NA	NA
Intel Core i5-6200U @ 2.30GHz	4015	907	NA	NA
Intel Core i5-6260U @ 1.80GHz	4364	844	8.41	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4959	730	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	767	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6085	576	NA	NA
Intel Core i5-6300U @ 2.40GHz	4374	839	NA	NA
Intel Core i5-6360U @ 2.00GHz	4836	752	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6400 @ 2.70GHz	6760	514	34.81	\$194.23
Intel Core i5-6400T @ 2.20GHz	5589	633	33.07	\$169.00
Intel Core i5-6402P @ 2.80GHz	7105	481	37.40	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	609	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6782	511	NA	NA
Intel Core i5-6500 @ 3.20GHz	7235	470	36.54	\$198.00
Intel Core i5-6500T @ 2.50GHz	6252	559	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6585	531	NA	NA
Intel Core i5-6600 @ 3.30GHz	7756	426	35.26	\$219.99
Intel Core i5-6600K @ 3.50GHz	8051	402	36.11	\$222.99
Intel Core i5-6600T @ 2.70GHz	7310	465	39.73	\$183.99
Intel Core i5-7200U @ 2.50GHz	4637	785	NA	NA
Intel Core i5-7260U @ 2.20GHz	5705	619	NA	NA
Intel Core i5-7267U @ 3.10GHz	5068	709	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7287U @ 3.30GHz	5656	625	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6836	506	NA	NA
Intel Core i5-7300U @ 2.60GHz	5116	698	11.40	\$449.01
Intel Core i5-7360U @ 2.30GHz	5960	587	NA	NA
Intel Core i5-7400 @ 3.00GHz	7384	459	41.47	\$178.08
Intel Core i5-7400T @ 2.40GHz	6442	545	38.12	\$169.00
Intel Core i5-7440HQ @ 2.80GHz	7706	433	NA	NA
Intel Core i5-7500 @ 3.40GHz	8037	404	39.22	\$204.93
Intel Core i5-7500T @ 2.70GHz	7087	484	31.22	\$226.98
Intel Core i5-7600 @ 3.50GHz	8802	349	40.01	\$219.99
Intel Core i5-7600K @ 3.80GHz	9148	317	39.78	\$229.99
Intel Core i5-7600T @ 2.80GHz	8130	394	32.34	\$251.39
Intel Core i5-7640X @ 4.00GHz	9672	278	42.99	\$225.02
Intel Core i5-8250U @ 1.60GHz	7658	436	NA	NA
Intel Core i5-8300H @ 2.30GHz	9374	300	37.50	\$250.00*
Intel Core i5-8350U @ 1.70GHz	8249	384	27.78	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11747	177	57.86	\$203.04
Intel Core i5-8400H @ 2.50GHz	10050	247	40.20	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9692	277	21.97	\$441.26*
Intel Core i5-8500 @ 3.00GHz	12090	168	49.93	\$242.16*
Intel Core i5-8500T @ 2.10GHz	10221	229	31.74	\$321.99*
Intel Core i5-8600 @ 3.10GHz	12330	161	51.41	\$239.86
Intel Core i5-8600K @ 3.60GHz	12832	149	49.36	\$259.99
Intel Core i5-8600T @ 2.30GHz	10995	195	45.84	\$239.86
Intel Core i5-24050S @ 2.50GHz	4928	738	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3726	975	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1541	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1320	NA	NA
Intel Core i7-620LM @ 2.00GHz	1952	1547	NA	NA
Intel Core i7-620M @ 2.67GHz	2725	1268	7.47	\$365.00
Intel Core i7-620UM @ 1.07GHz	1323	1860	NA	NA
Intel Core i7-640LM @ 2.13GHz	2250	1435	NA	NA
Intel Core i7-640M @ 2.80GHz	2842	1222	17.77	\$159.95
Intel Core i7-640UM @ 1.20GHz	1666	1696	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-660UM @ 1.33GHz	1745	1648	NA	NA
Intel Core i7-680UM @ 1.47GHz	1686	1685	NA	NA
Intel Core i7-720QM @ 1.60GHz	3017	1166	27.44	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3200	1108	29.11	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3228	1099	23.23	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3410	1049	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	5018	718	29.52	\$170.00
Intel Core i7-860S @ 2.53GHz	4711	770	23.56	\$199.99
Intel Core i7-870 @ 2.93GHz	5356	669	67.20	\$79.70
Intel Core i7-870S @ 2.67GHz	4969	728	NA	NA
Intel Core i7-875K @ 2.93GHz	5445	656	27.23	\$199.99
Intel Core i7-880 @ 3.07GHz	5610	630	9.62	\$583.00*
Intel Core i7-920 @ 2.67GHz	4932	737	28.35	\$174.00
Intel Core i7-920XM @ 2.00GHz	3757	968	11.78	\$318.93*
Intel Core i7-930 @ 2.80GHz	5149	693	29.59	\$174.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-940 @ 2.93GHz	5362	667	75.85	\$70.70
Intel Core i7-940XM @ 2.13GHz	3941	925	NA	NA
Intel Core i7-950 @ 3.07GHz	5562	635	18.54	\$299.99
Intel Core i7-960 @ 3.20GHz	5829	603	58.30	\$99.99
Intel Core i7-965 @ 3.20GHz	5860	599	41.86	\$139.99
Intel Core i7-970 @ 3.20GHz	8407	375	15.44	\$544.64
Intel Core i7-975 @ 3.33GHz	6135	571	36.09	\$169.99
Intel Core i7-980 @ 3.33GHz	8686	358	43.44	\$199.99
Intel Core i7-980X @ 3.33GHz	8809	348	40.04	\$219.99
Intel Core i7-985 @ 3.47GHz	6641	524	NA	NA
Intel Core i7-990X @ 3.47GHz	9101	321	22.75	\$399.99
Intel Core i7-995X @ 3.60GHz	9791	264	NA	NA
Intel Core i7-2600 @ 3.40GHz	8198	388	48.23	\$169.98
Intel Core i7-2600K @ 3.40GHz	8453	372	42.27	\$199.99
Intel Core i7-2600S @ 2.80GHz	7077	486	35.39	\$199.99
Intel Core i7-2610UE @ 1.50GHz	2481	1348	NA	NA
Intel Core i7-2617M @ 1.50GHz	2818	1232	NA	NA
Intel Core i7-2620M @ 2.70GHz	3836	945	21.41	\$179.21*
Intel Core i7-2630QM @ 2.00GHz	5537	641	42.92	\$129.00*
Intel Core i7-2630UM @ 1.60GHz	2584	1307	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5460	652	NA	NA
Intel Core i7-2637M @ 1.70GHz	2906	1204	NA	NA
Intel Core i7-2640M @ 2.80GHz	3934	929	20.25	\$194.29*
Intel Core i7-2655LE @ 2.20GHz	3161	1124	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5899	595	22.78	\$259.00*
Intel Core i7-2675QM @ 2.20GHz	5550	638	NA	NA
Intel Core i7-2677M @ 1.80GHz	2834	1225	NA	NA
Intel Core i7-2700K @ 3.50GHz	8724	353	30.19	\$288.99
Intel Core i7-2710QE @ 2.10GHz	5768	611	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	666	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6110	574	32.17	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6580	532	47.02	\$139.95
Intel Core i7-2820QM @ 2.30GHz	6636	525	26.44	\$251.04*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2840QM @ 2.40GHz	6766	513	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7007	491	11.68	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7040	490	11.56	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7154	478	17.45	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3593	1004	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1074	NA	NA
Intel Core i7-3520M @ 2.90GHz	4533	812	19.29	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3846	941	NA	NA
Intel Core i7-3540M @ 3.00GHz	4640	783	10.79	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	4130	890	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	543	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7470	452	18.68	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6562	533	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6829	508	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	462	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7371	460	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3630QM @ 2.40GHz	7586	443	31.74	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6938	496	20.71	\$335.00*
Intel Core i7-3635QM @ 2.40GHz	6669	522	NA	NA
Intel Core i7-3667U @ 2.00GHz	3995	913	NA	NA
Intel Core i7-3687U @ 2.10GHz	4172	881	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3269	1085	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8121	396	24.26	\$334.72*
Intel Core i7-3740QM @ 2.70GHz	8330	378	34.72	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9297	308	51.65	\$179.99
Intel Core i7-3770K @ 3.50GHz	9527	283	20.49	\$464.91
Intel Core i7-3770S @ 3.10GHz	8880	340	41.52	\$213.90
Intel Core i7-3770T @ 2.50GHz	8190	389	24.82	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9005	330	45.03	\$199.99
Intel Core i7-3820QM @ 2.70GHz	8451	373	17.35	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8799	350	26.27	\$335.00
Intel Core i7-3920XM @ 2.90GHz	9151	316	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	12009	171	20.84	\$576.31
Intel Core i7-3940XM @ 3.00GHz	9308	306	17.27	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12626	156	16.09	\$784.78
Intel Core i7-3970X @ 3.50GHz	12661	154	29.11	\$435.00
Intel Core i7-4500U @ 1.80GHz	3788	957	NA	NA
Intel Core i7-4510U @ 2.00GHz	3936	928	NA	NA
Intel Core i7-4550U @ 1.50GHz	3760	966	NA	NA
Intel Core i7-4558U @ 2.80GHz	4369	840	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	852	NA	NA
Intel Core i7-4578U @ 3.00GHz	4758	766	NA	NA
Intel Core i7-4600M @ 2.90GHz	4853	747	NA	NA
Intel Core i7-4600U @ 2.10GHz	4108	893	NA	NA
Intel Core i7-4610M @ 3.00GHz	4973	727	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	971	NA	NA
Intel Core i7-4650U @ 1.70GHz	3978	916	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	474	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4700HQ @ 2.40GHz	7737	430	20.20	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7694	434	40.71	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7483	451	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7137	479	21.30	\$335.07*
Intel Core i7-4710HQ @ 2.50GHz	7745	428	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7988	411	29.42	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7516	447	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7166	477	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8012	407	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	401	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8287	382	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	365	NA	NA
Intel Core i7-4765T @ 2.00GHz	7305	466	27.06	\$269.99*
Intel Core i7-4770 @ 3.40GHz	9790	265	40.79	\$239.99
Intel Core i7-4770HQ @ 2.20GHz	8948	337	NA	NA
Intel Core i7-4770K @ 3.50GHz	10102	242	34.84	\$289.98
Intel Core i7-4770R @ 3.20GHz	9828	263	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4770S @ 3.10GHz	9337	303	37.35	\$249.99
Intel Core i7-4770T @ 2.50GHz	8634	363	21.59	\$399.99
Intel Core i7-4770TE @ 2.30GHz	6615	529	NA	NA
Intel Core i7-4771 @ 3.50GHz	9877	261	32.93	\$299.99
Intel Core i7-4785T @ 2.20GHz	7604	441	NA	NA
Intel Core i7-4790 @ 3.60GHz	9996	251	29.40	\$339.99
Intel Core i7-4790K @ 4.00GHz	11186	184	30.48	\$366.99
Intel Core i7-4790S @ 3.20GHz	9564	282	23.91	\$399.99
Intel Core i7-4790T @ 2.70GHz	9065	324	25.25	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8498	368	16.67	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8659	361	20.38	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9727	273	19.45	\$499.99
Intel Core i7-4850HQ @ 2.30GHz	9001	332	20.74	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7931	416	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9234	312	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9353	301	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9051	326	15.43	\$586.67
Intel Core i7-4910MQ @ 2.90GHz	9447	294	20.54	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13030	145	21.72	\$599.99
Intel Core i7-4930MX @ 3.00GHz	9516	284	8.68	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9895	259	14.99	\$659.95*
Intel Core i7-4960HQ @ 2.60GHz	9778	268	15.70	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13808	127	15.34	\$899.99
Intel Core i7-4980HQ @ 2.80GHz	10202	231	NA	NA
Intel Core i7-5500U @ 2.40GHz	3973	918	NA	NA
Intel Core i7-5550U @ 2.00GHz	4271	859	NA	NA
Intel Core i7-5557U @ 3.10GHz	4939	735	7.01	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4308	855	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	871	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	391	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	386	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5700HQ @ 2.70GHz	8368	376	NA	NA
Intel Core i7-5775C @ 3.30GHz	11009	194	28.23	\$389.99
Intel Core i7-5775R @ 3.30GHz	10848	199	NA	NA
Intel Core i7-5820K @ 3.30GHz	12994	146	48.13	\$269.99
Intel Core i7-5850HQ @ 2.70GHz	9459	292	NA	NA
Intel Core i7-5930K @ 3.50GHz	13637	132	27.28	\$499.99
Intel Core i7-5950HQ @ 2.90GHz	10949	196	NA	NA
Intel Core i7-5960X @ 3.00GHz	15976	81	19.97	\$799.99
Intel Core i7-6498DU @ 2.50GHz	4538	811	NA	NA
Intel Core i7-6500U @ 2.50GHz	4430	826	NA	NA
Intel Core i7-6560U @ 2.20GHz	4813	757	NA	NA
Intel Core i7-6567U @ 3.30GHz	5639	627	NA	NA
Intel Core i7-6600U @ 2.60GHz	4803	760	NA	NA
Intel Core i7-6650U @ 2.20GHz	4944	734	NA	NA
Intel Core i7-6700 @ 3.40GHz	10010	250	31.73	\$315.45
Intel Core i7-6700HQ @ 2.60GHz	8136	393	5.39	\$1,509.00*
Intel Core i7-6700K @ 4.00GHz	11113	186	27.78	\$399.99
Intel Core i7-6700T @ 2.80GHz	9038	327	33.48	\$269.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6700TE @ 2.40GHz	8818	347	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9711	275	9.69	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13611	135	38.89	\$349.99
Intel Core i7-6820EQ @ 2.80GHz	8968	334	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9135	318	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8786	351	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	551	NA	NA
Intel Core i7-6850K @ 3.60GHz	14384	114	26.15	\$549.99
Intel Core i7-6900K @ 3.20GHz	17692	55	14.74	\$1,199.99
Intel Core i7-6920HQ @ 2.90GHz	9619	280	NA	NA
Intel Core i7-6950X @ 3.00GHz	19988	31	24.68	\$809.99
Intel Core i7-7500U @ 2.70GHz	5188	688	NA	NA
Intel Core i7-7560U @ 2.40GHz	5867	597	NA	NA
Intel Core i7-7567U @ 3.50GHz	6536	535	NA	NA
Intel Core i7-7600U @ 2.80GHz	5532	642	NA	NA
Intel Core i7-7660U @ 2.50GHz	6075	578	NA	NA
Intel Core i7-7700 @ 3.60GHz	10773	201	35.46	\$303.87
Intel Core i7-7700HQ @ 2.80GHz	8863	341	NA	NA
Intel Core i7-7700K @ 4.20GHz	12054	170	38.90	\$309.89
Intel Core i7-7700T @ 2.90GHz	9329	304	28.79	\$324.05
Intel Core i7-7740X @ 4.30GHz	12257	165	34.84	\$351.80
Intel Core i7-7800X @ 3.50GHz	14500	109	39.19	\$369.99
Intel Core i7-7820HK @ 2.90GHz	10051	246	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9418	296	NA	NA
Intel Core i7-7820X @ 3.60GHz	18585	43	40.49	\$459.00
Intel Core i7-7900X @ 3.30GHz	18539	45	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10167	236	NA	NA
Intel Core i7-8086K @ 4.00GHz	17131	59	40.31	\$425.00*
Intel Core i7-8550U @ 1.80GHz	8325	379	NA	NA
Intel Core i7-8650U @ 1.90GHz	9003	331	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8700 @ 3.20GHz	15246	96	46.35	\$328.98
Intel Core i7-8700K @ 3.70GHz	15987	80	45.96	\$347.88
Intel Core i7-8700T @ 2.40GHz	12743	151	38.52	\$330.86
Intel Core i7-8705G @ 3.10GHz	10365	220	NA	NA
Intel Core i7-8706G @ 3.10GHz	10591	210	NA	NA
Intel Core i7-8750H @ 2.20GHz	12575	157	31.84	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11089	190	NA	NA
Intel Core i7-8850H @ 2.60GHz	13746	129	34.80	\$395.00*
Intel Core i9-7900X @ 3.30GHz	22038	18	24.49	\$899.99
Intel Core i9-7920X @ 2.90GHz	23350	13	21.33	\$1,094.70
Intel Core i9-7940X @ 3.10GHz	25196	7	21.91	\$1,149.99
Intel Core i9-7960X @ 2.80GHz	25442	4	17.85	\$1,424.99
Intel Core i9-7980XE @ 2.60GHz	27713	3	14.74	\$1,879.99
Intel Core i9-8950HK @ 2.90GHz	14737	104	25.28	\$583.00*
Intel Core m3-6Y30 @ 0.90GHz	3051	1154	NA	NA
Intel Core m3-7Y30 @ 1.00GHz	3557	1016	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3527	1022	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3361	1066	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3228	1098	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core m7-6Y75 @ 1.20GHz	3499	1028	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2737	1265	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2250	1436	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2819	1231	10.04	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2648	1287	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2486	1343	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1167	NA	NA
Intel Core M-5Y71 @ 1.20GHz	3062	1152	10.90	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	395	2434	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2431	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2349	NA	NA
Intel Core Solo U1300 @ 1.06GHz	271	2595	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2586	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2506	NA	NA
Intel E3000 @ 3.40GHz	2767	1252	NA	NA
Intel Pentium 4 1.40GHz	164	2693	NA	NA
Intel Pentium 4 1.50GHz	131	2710	NA	NA
Intel Pentium 4 1.60GHz	129	2712	NA	NA
Intel Pentium 4 1.70GHz	132	2709	NA	NA
Intel Pentium 4 1.80GHz	161	2696	NA	NA
Intel Pentium 4 1.90GHz	159	2697	NA	NA
Intel Pentium 4 2.00GHz	189	2675	NA	NA
Intel Pentium 4 2.20GHz	210	2657	NA	NA
Intel Pentium 4 2.26GHz	221	2647	NA	NA
Intel Pentium 4 2.40GHz	228	2640	NA	NA
Intel Pentium 4 2.50GHz	245	2625	NA	NA
Intel Pentium 4 2.53GHz	248	2622	NA	NA
Intel Pentium 4 2.60GHz	288	2565	NA	NA
Intel Pentium 4 2.66GHz	254	2612	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.80GHz	321	2512	NA	NA
Intel Pentium 4 2.93GHz	297	2550	NA	NA
Intel Pentium 4 3.00GHz	353	2484	NA	NA
Intel Pentium 4 3.06GHz	347	2488	NA	NA
Intel Pentium 4 3.20GHz	375	2453	NA	NA
Intel Pentium 4 3.40GHz	396	2433	NA	NA
Intel Pentium 4 3.46GHz	487	2329	NA	NA
Intel Pentium 4 3.60GHz	489	2327	NA	NA
Intel Pentium 4 3.73GHz	486	2332	NA	NA
Intel Pentium 4 3.80GHz	484	2338	NA	NA
Intel Pentium 4 3.83GHz	195	2670	NA	NA
Intel Pentium 4 4.00GHz	184	2681	NA	NA
Intel Pentium 4 1300MHz	119	2716	NA	NA
Intel Pentium 4 1400MHz	127	2713	NA	NA
Intel Pentium 4 1500MHz	125	2714	NA	NA
Intel Pentium 4 1600MHz	193	2674	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2700	NA	NA
Intel Pentium 4 1800MHz	162	2695	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2703	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2669	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 Mobile 1.60GHz	178	2686	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2659	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2689	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2658	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2664	NA	NA
Intel Pentium 5 2.66GHz	705	2210	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	1989	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1153	1959	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	1962	NA	NA
Intel Pentium 987 @ 1.50GHz	1226	1919	NA	NA
Intel Pentium 997 @ 1.60GHz	1426	1809	NA	NA
Intel Pentium 1403 @ 2.60GHz	2747	1263	NA	NA
Intel Pentium 2020M @ 2.40GHz	2286	1415	17.06	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2414	1367	18.02	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1661	1699	12.40	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1823	1616	13.61	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2013	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2304	1402	NA	NA
Intel Pentium 3556U @ 1.70GHz	1713	1664	NA	NA
Intel Pentium 3558U @ 1.70GHz	1686	1684	NA	NA
Intel Pentium 3560M @ 2.40GHz	2275	1423	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1899	NA	NA
Intel Pentium 3805U @ 1.90GHz	1982	1537	NA	NA
Intel Pentium 3825U @ 1.90GHz	2533	1325	NA	NA
Intel Pentium 4405U @ 2.10GHz	2947	1189	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1505	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2056	1507	12.78	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3161	1123	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium A1018 @ 2.10GHz	1605	1728	NA	NA
Intel Pentium B940 @ 2.00GHz	1723	1659	57.58	\$29.94*
Intel Pentium B950 @ 2.10GHz	1716	1661	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1600	37.82	\$48.99*
Intel Pentium B970 @ 2.30GHz	1960	1544	38.44	\$50.99*
Intel Pentium B980 @ 2.40GHz	2044	1511	29.23	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3843	942	29.79	\$129.00*
Intel Pentium D 805 @ 2.66GHz	535	2296	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2239	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2269	NA	NA
Intel Pentium D 940 @ 3.20GHz	709	2207	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2191	NA	NA
Intel Pentium D 960 @ 3.60GHz	814	2162	NA	NA
Intel Pentium E2140 @ 1.60GHz	868	2130	5.50	\$157.95
Intel Pentium E2160 @ 1.80GHz	997	2051	33.25	\$29.99
Intel Pentium E2180 @ 2.00GHz	1087	1996	54.42	\$19.99
Intel Pentium E2200 @ 2.20GHz	1204	1932	16.06	\$75.00
Intel Pentium E2210 @ 2.20GHz	1174	1945	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	1856	8.43	\$157.95
Intel Pentium E5200 @ 2.50GHz	1488	1782	9.43	\$157.95
Intel Pentium E5300 @ 2.60GHz	1540	1755	77.21	\$19.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E5400 @ 2.70GHz	1596	1735	79.87	\$19.99
Intel Pentium E5500 @ 2.80GHz	1639	1708	82.03	\$19.99
Intel Pentium E5700 @ 3.00GHz	1739	1652	116.06	\$14.99
Intel Pentium E5800 @ 3.20GHz	1901	1575	63.39	\$29.99
Intel Pentium E6300 @ 2.80GHz	1705	1670	3.02	\$565.00
Intel Pentium E6500 @ 2.93GHz	1761	1640	11.15	\$157.95
Intel Pentium E6600 @ 3.06GHz	1877	1590	18.78	\$100.00
Intel Pentium E6700 @ 3.20GHz	1943	1552	37.45	\$51.90
Intel Pentium E6800 @ 3.33GHz	1982	1536	39.65	\$49.99
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2115	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2070	NA	NA
Intel Pentium G620 @ 2.60GHz	2293	1410	91.76	\$24.99
Intel Pentium G620T @ 2.20GHz	2028	1515	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2375	1381	95.07	\$24.99
Intel Pentium G630T @ 2.30GHz	2122	1481	26.54	\$79.99*
Intel Pentium G640 @ 2.80GHz	2530	1326	101.27	\$24.99
Intel Pentium G640T @ 2.40GHz	1911	1566	NA	NA
Intel Pentium G645 @ 2.90GHz	2584	1308	27.21	\$95.00*
Intel Pentium G645T @ 2.50GHz	2289	1411	NA	NA
Intel Pentium G840 @ 2.80GHz	2573	1312	73.55	\$34.99*
Intel Pentium G850 @ 2.90GHz	2665	1282	88.87	\$29.99
Intel Pentium G860 @ 3.00GHz	2750	1260	91.71	\$29.99
Intel Pentium G870 @ 3.10GHz	2827	1227	29.15	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2614	1297	74.93	\$34.89
Intel Pentium G2020 @ 2.90GHz	2766	1253	46.15	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2470	1349	51.90	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2879	1217	70.24	\$40.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2030T @ 2.60GHz	2490	1341	38.91	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1240	NA	NA
Intel Pentium G2120 @ 3.10GHz	3081	1145	51.38	\$59.99
Intel Pentium G2130 @ 3.20GHz	3212	1106	40.16	\$79.99
Intel Pentium G2140 @ 3.30GHz	3384	1059	67.71	\$49.99
Intel Pentium G3220 @ 3.00GHz	3135	1132	39.20	\$79.99
Intel Pentium G3220T @ 2.60GHz	2602	1301	37.18	\$69.99
Intel Pentium G3240 @ 3.10GHz	3171	1116	39.65	\$79.99
Intel Pentium G3240T @ 2.70GHz	2909	1202	NA	NA
Intel Pentium G3250 @ 3.20GHz	3258	1090	23.28	\$139.99
Intel Pentium G3250T @ 2.80GHz	2967	1181	32.98	\$89.99
Intel Pentium G3258 @ 3.20GHz	3895	935	21.85	\$178.28
Intel Pentium G3260 @ 3.30GHz	3378	1062	32.18	\$104.99
Intel Pentium G3260T @ 2.90GHz	2914	1199	32.39	\$89.99
Intel Pentium G3320TE @ 2.30GHz	2389	1376	NA	NA
Intel Pentium G3420 @ 3.20GHz	3408	1050	30.99	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1169	28.58	\$105.25*
Intel Pentium G3430 @ 3.30GHz	3398	1057	37.77	\$89.99
Intel Pentium G3440 @ 3.30GHz	3304	1079	20.66	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1140	NA	NA
Intel Pentium G3450 @ 3.40GHz	3703	982	37.04	\$99.99
Intel Pentium G3450T @ 2.90GHz	2967	1183	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3460 @ 3.50GHz	3593	1005	12.47	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3706	981	35.54	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3570	1013	72.86	\$49.00
Intel Pentium G4400T @ 2.90GHz	3221	1102	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1215	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3788	958	60.17	\$62.97
Intel Pentium G4500T @ 3.00GHz	3471	1035	NA	NA
Intel Pentium G4520 @ 3.60GHz	4195	875	46.62	\$89.98
Intel Pentium G4560 @ 3.50GHz	4882	742	72.69	\$67.17*
Intel Pentium G4560T @ 2.90GHz	4047	899	40.48	\$99.99
Intel Pentium G4600 @ 3.60GHz	5106	700	61.14	\$83.51
Intel Pentium G4600T @ 3.00GHz	4238	868	44.35	\$95.56
Intel Pentium G4620 @ 3.70GHz	5212	686	47.99	\$108.62*
Intel Pentium G6950 @ 2.80GHz	1852	1601	46.32	\$39.99
Intel Pentium G6951 @ 2.80GHz	2140	1472	22.77	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2101	1491	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5255	682	70.24	\$74.82
Intel Pentium Gold G5500 @ 3.80GHz	5262	681	64.18	\$82.00*
Intel Pentium Gold G5500T @ 3.20GHz	4577	803	61.03	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5821	604	62.59	\$93.00*
Intel Pentium III 933S @ 933MHz	238	2633	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2573	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2585	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2529	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2551	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2547	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III Mobile 750MHz	103	2719	NA	NA
Intel Pentium III Mobile 800MHz	182	2684	NA	NA
Intel Pentium III Mobile 866MHz	152	2701	NA	NA
Intel Pentium III Mobile 933MHz	218	2649	8.58	\$25.51
Intel Pentium III Mobile 1000MHz	245	2624	NA	NA
Intel Pentium III Mobile 1066MHz	268	2597	NA	NA
Intel Pentium III Mobile 1133MHz	251	2618	NA	NA
Intel Pentium III Mobile 1200MHz	262	2604	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1608	NA	NA
Intel Pentium J2900 @ 2.41GHz	1974	1539	NA	NA
Intel Pentium J3710 @ 1.60GHz	1950	1549	NA	NA
Intel Pentium J4205 @ 1.50GHz	2300	1406	NA	NA
Intel Pentium M 1.10GHz	282	2577	NA	NA
Intel Pentium M 1.20GHz	298	2548	NA	NA
Intel Pentium M 1.30GHz	301	2543	NA	NA
Intel Pentium M 1.40GHz	345	2492	NA	NA
Intel Pentium M 1.50GHz	366	2467	NA	NA
Intel Pentium M 1.60GHz	364	2472	NA	NA
Intel Pentium M 1.70GHz	406	2416	NA	NA
Intel Pentium M 1.73GHz	413	2406	NA	NA
Intel Pentium M 1.80GHz	409	2413	NA	NA
Intel Pentium M 1.86GHz	438	2384	NA	NA
Intel Pentium M 2.00GHz	464	2353	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 2.10GHz	448	2371	NA	NA
Intel Pentium M 2.13GHz	510	2313	NA	NA
Intel Pentium M 2.26GHz	509	2315	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2340	NA	NA
Intel Pentium M 900MHz	217	2652	NA	NA
Intel Pentium M 1000MHz	233	2637	NA	NA
Intel Pentium M 1100MHz	259	2608	NA	NA
Intel Pentium M 1200MHz	237	2634	NA	NA
Intel Pentium M 1300MHz	303	2536	NA	NA
Intel Pentium M 1400MHz	321	2513	NA	NA
Intel Pentium M 1500MHz	354	2481	NA	NA
Intel Pentium M 1600MHz	332	2504	NA	NA
Intel Pentium M 1700MHz	376	2452	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1766	NA	NA
Intel Pentium N3520 @ 2.16GHz	1798	1627	NA	NA
Intel Pentium N3530 @ 2.16GHz	1896	1578	NA	NA
Intel Pentium N3540 @ 2.16GHz	1935	1555	7.72	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1839	1607	4.14	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1868	1594	NA	NA
Intel Pentium N4200 @ 1.10GHz	2022	1519	10.29	\$196.45
Intel Pentium P6000 @ 1.87GHz	1250	1908	NA	NA
Intel Pentium P6100 @ 2.00GHz	1325	1858	110.48	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1349	1848	30.02	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1826	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2987	1177	15.22	\$196.28

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium SU2700 @ 1.30GHz	407	2415	NA	NA
Intel Pentium SU4100 @ 1.30GHz	863	2133	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2144	NA	NA
Intel Pentium T2060 @ 1.60GHz	662	2228	NA	NA
Intel Pentium T2080 @ 1.73GHz	706	2209	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2206	NA	NA
Intel Pentium T2310 @ 1.46GHz	730	2196	NA	NA
Intel Pentium T2330 @ 1.60GHz	838	2150	NA	NA
Intel Pentium T2370 @ 1.73GHz	842	2145	24.08	\$35.00*
Intel Pentium T2390 @ 1.86GHz	938	2095	NA	NA
Intel Pentium T2410 @ 2.00GHz	996	2052	NA	NA
Intel Pentium T3200 @ 2.00GHz	1031	2024	85.96	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1115	1974	12.41	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1147	1964	95.65	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1238	1914	NA	NA
Intel Pentium T4400 @ 2.20GHz	1282	1886	NA	NA
Intel Pentium T4500 @ 2.30GHz	1335	1854	NA	NA
Intel Pentium U5400 @ 1.20GHz	822	2156	NA	NA
Intel Pentium U5600 @ 1.33GHz	943	2090	NA	NA
Intel T1200 @ 1.50GHz	435	2391	NA	NA
Intel T1400 @ 1.73GHz	929	2099	NA	NA
Intel T1500 @ 1.86GHz	940	2093	NA	NA
Intel T2050 @ 2.00GHz	959	2081	NA	NA
Intel Xeon 2.00GHz	233	2636	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel XEON 2.20GHz	252	2615	NA	NA
Intel Xeon 2.40GHz	276	2588	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2390	NA	NA
Intel Xeon 2.80GHz	400	2428	NA	NA
Intel Xeon 3.00GHz	391	2440	NA	NA
Intel Xeon 3.06GHz	491	2324	NA	NA
Intel Xeon 3.20GHz	461	2359	NA	NA
Intel Xeon 3.40GHz	478	2343	NA	NA
Intel Xeon 3.60GHz	509	2314	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2021	NA	NA
Intel Xeon 3.80GHz	604	2258	0.71	\$851.00*
Intel Xeon 1500MHz	193	2673	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1885	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1311	1865	8.30	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1768	9.62	\$157.95*
Intel Xeon 3065 @ 2.33GHz	1504	1777	71.99	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1776	1634	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1606	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1747	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2005	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	1910	0.76	\$1,644.98*
Intel Xeon 5130 @ 2.00GHz	1378	1828	35.89	\$38.40*
Intel Xeon 5133 @ 2.20GHz	1598	1733	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1710	50.57	\$32.42

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 5148 @ 2.33GHz	1590	1738	39.78	\$39.99*
Intel Xeon 5150 @ 2.66GHz	1747	1647	3.83	\$455.95*
Intel Xeon 5160 @ 3.00GHz	1968	1542	147.82	\$13.32
Intel Xeon @ 2.20GHz	1902	1574	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5446	655	21.61	\$251.99*
Intel Xeon D-1518 @ 2.20GHz	5322	674	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	612	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	495	NA	NA
Intel Xeon D-1528 @ 1.90GHz	7946	413	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	272	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	431	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	211	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11056	191	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	399	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14693	105	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13950	124	NA	NA
Intel Xeon D-2183IT @ 2.20GHz	18252	48	10.35	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6072	579	14.20	\$427.62
Intel Xeon E3-1220 V2 @ 3.10GHz	6697	520	16.30	\$410.80
Intel Xeon E3-1220 v3 @ 3.10GHz	7075	487	27.10	\$261.06
Intel Xeon E3-1220 v5 @ 3.00GHz	7745	429	31.55	\$245.51
Intel Xeon E3-1220 v6 @ 3.00GHz	8035	405	37.20	\$216.03
Intel Xeon E3-1220L @ 2.20GHz	3563	1014	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	829	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1488	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1225 @ 3.10GHz	5918	593	33.82	\$175.00
Intel Xeon E3-1225 V2 @ 3.20GHz	6845	505	13.51	\$506.59
Intel Xeon E3-1225 v3 @ 3.20GHz	7191	473	15.69	\$458.34
Intel Xeon E3-1225 v5 @ 3.30GHz	7803	420	31.43	\$248.31
Intel Xeon E3-1225 v6 @ 3.30GHz	8294	381	35.30	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7545	445	11.83	\$638.00
Intel Xeon E3-1230 @ 3.20GHz	7908	417	36.78	\$215.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8856	343	24.61	\$359.95
Intel Xeon E3-1230 v3 @ 3.30GHz	9325	305	35.64	\$261.66*
Intel Xeon E3-1230 v5 @ 3.40GHz	9762	269	32.56	\$299.80*
Intel Xeon E3-1230 v6 @ 3.50GHz	9947	255	34.66	\$287.00
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	471	25.12	\$287.90
Intel Xeon E3-1231 v3 @ 3.40GHz	9633	279	33.33	\$289.00
Intel Xeon E3-1235 @ 3.20GHz	7680	435	31.48	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	541	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7955	412	51.97	\$153.09
Intel Xeon E3-1240 V2 @ 3.40GHz	9154	315	20.36	\$449.56
Intel Xeon E3-1240 v3 @ 3.40GHz	9699	276	25.23	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10412	217	30.48	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10176	235	35.09	\$289.99
Intel Xeon E3-1240L v3 @ 2.00GHz	7510	448	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	422	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10034	248	12.95	\$775.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1245 @ 3.30GHz	8048	403	31.56	\$255.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9117	319	15.01	\$607.59
Intel Xeon E3-1245 v3 @ 3.40GHz	9577	281	28.17	\$339.95
Intel Xeon E3-1245 v5 @ 3.50GHz	10248	227	29.68	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10427	216	34.81	\$299.53
Intel Xeon E3-1246 v3 @ 3.50GHz	9897	258	12.40	\$798.00
Intel Xeon E3-1260L @ 2.40GHz	6534	536	66.83	\$97.78
Intel Xeon E3-1260L v5 @ 2.90GHz	10136	238	17.01	\$595.81*
Intel Xeon E3-1265L @ 2.40GHz	6038	582	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7785	424	54.67	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	8722	354	12.29	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	325	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	418	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	356	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8240	385	25.99	\$317.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9480	288	33.01	\$287.21
Intel Xeon E3-1270 v3 @ 3.50GHz	9877	260	26.70	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10327	222	28.29	\$364.99
Intel Xeon E3-1270 v6 @ 3.80GHz	11115	185	31.76	\$349.99
Intel Xeon E3-1271 v3 @ 3.60GHz	10077	244	11.35	\$888.00
Intel Xeon E3-1275 @ 3.40GHz	8348	377	27.46	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9339	302	38.92	\$239.99
Intel Xeon E3-1275 v3 @ 3.50GHz	9876	262	24.63	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10376	219	26.62	\$389.74*
Intel Xeon E3-1275 v6 @ 3.80GHz	11047	192	30.60	\$360.99
Intel Xeon E3-1275L v3 @ 2.70GHz	8827	346	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1276 v3 @ 3.60GHz	10223	228	8.15	\$1,254.00
Intel Xeon E3-1280 @ 3.50GHz	8473	371	23.03	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9448	293	6.25	\$1,512.82
Intel Xeon E3-1280 v3 @ 3.60GHz	9720	274	13.94	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	207	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	180	NA	NA
Intel Xeon E3-1281 v3 @ 3.70GHz	10295	224	11.73	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10256	226	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10641	209	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11689	178	25.98	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	10024	249	12.45	\$805.00
Intel Xeon E3-1285L v4 @ 3.40GHz	11224	183	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	257	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	10129	239	13.09	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	355	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9749	271	11.02	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	485	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8915	339	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9974	254	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	213	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9301	307	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10654	208	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1545M v5 @ 2.90GHz	10442	215	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10736	204	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10743	203	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10689	205	24.02	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	464	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	454	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5538	639	33.57	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6172	567	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6420	552	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5866	598	266.76	\$21.99
Intel Xeon E5-1607 v2 @ 3.00GHz	6189	565	19.77	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6931	500	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	469	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9069	323	17.78	\$510.00
Intel Xeon E5-1620 v2 @ 3.70GHz	9497	286	28.87	\$329.00
Intel Xeon E5-1620 v3 @ 3.50GHz	9762	270	27.22	\$358.70*
Intel Xeon E5-1620 v4 @ 3.50GHz	9982	252	32.62	\$306.05
Intel Xeon E5-1630 v3 @ 3.70GHz	10267	225	17.17	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10300	223	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11766	176	67.24	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12691	153	19.68	\$644.95*
Intel Xeon E5-1650 v3 @ 3.50GHz	13606	136	20.49	\$663.96
Intel Xeon E5-1650 v4 @ 3.60GHz	14239	115	22.60	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12369	159	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13714	131	7.58	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14423	112	8.92	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16205	75	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1680 v2 @ 3.00GHz	16483	68	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16633	66	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17089	60	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	50	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1023	7.87	\$447.59
Intel Xeon E5-2403 v2 @ 1.80GHz	3492	1029	15.67	\$222.84*
Intel Xeon E5-2407 @ 2.20GHz	3888	936	11.61	\$335.04
Intel Xeon E5-2407 v2 @ 2.40GHz	4575	804	9.61	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	687	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	489	18.80	\$374.80
Intel Xeon E5-2420 v2 @ 2.20GHz	8647	362	14.91	\$579.95
Intel Xeon E5-2430 @ 2.20GHz	6878	503	12.90	\$533.22
Intel Xeon E5-2430 v2 @ 2.50GHz	8833	345	57.36	\$154.00
Intel Xeon E5-2430L @ 2.00GHz	7269	468	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	526	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	314	12.32	\$745.00*
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	295	23.56	\$400.00*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	335	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	233	14.10	\$722.22*
Intel Xeon E5-2450L @ 1.80GHz	8261	383	127.12	\$64.99
Intel Xeon E5-2470 @ 2.30GHz	10061	245	31.77	\$316.72*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	148	5.70	\$2,250.00*
Intel Xeon E5-2603 @ 1.80GHz	3580	1010	128.62	\$27.84
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	964	79.07	\$47.63
Intel Xeon E5-2603 v3 @ 1.60GHz	5165	692	23.66	\$218.32
Intel Xeon E5-2603 v4 @ 1.70GHz	5473	648	23.80	\$229.99*
Intel Xeon E5-2608L v3 @ 2.00GHz	7768	425	17.62	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4625	790	58.76	\$78.72
Intel Xeon E5-2609 v2 @ 2.50GHz	5125	696	18.38	\$278.92
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	590	13.26	\$448.02*
Intel Xeon E5-2609 v4 @ 1.70GHz	6920	501	15.95	\$434.00*
Intel Xeon E5-2618L v3 @ 2.30GHz	12508	158	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	107	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7935	415	76.31	\$104.00
Intel Xeon E5-2620 v2 @ 2.10GHz	8688	357	23.83	\$364.64
Intel Xeon E5-2620 v3 @ 2.40GHz	9980	253	14.05	\$710.54
Intel Xeon E5-2620 v4 @ 2.10GHz	11359	181	27.15	\$418.40
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	338	22.07	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8188	390	14.91	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	298	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	172	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13268	142	9.73	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	193	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8859	342	69.14	\$128.14*
Intel Xeon E5-2630 v2 @ 2.60GHz	10402	218	17.06	\$609.95
Intel Xeon E5-2630 v3 @ 2.40GHz	12815	150	21.98	\$582.99
Intel Xeon E5-2630 v4 @ 2.20GHz	13911	125	20.16	\$690.00
Intel Xeon E5-2630L @ 2.00GHz	8001	410	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9780	267	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2630L v3 @ 1.80GHz	9476	289	12.60	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	147	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9465	291	5.74	\$1,649.22
Intel Xeon E5-2637 v3 @ 3.50GHz	10128	240	7.82	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	214	9.83	\$1,064.61
Intel Xeon E5-2640 @ 2.50GHz	9500	285	88.55	\$107.29
Intel Xeon E5-2640 v2 @ 2.00GHz	9904	256	70.99	\$139.51
Intel Xeon E5-2640 v3 @ 2.60GHz	14070	121	9.09	\$1,547.27
Intel Xeon E5-2640 v4 @ 2.40GHz	15331	92	15.38	\$997.10
Intel Xeon E5-2643 @ 3.30GHz	8479	370	16.05	\$528.40
Intel Xeon E5-2643 v2 @ 3.50GHz	12324	162	4.91	\$2,509.00
Intel Xeon E5-2643 v3 @ 3.40GHz	13801	128	8.25	\$1,672.96
Intel Xeon E5-2643 v4 @ 3.40GHz	13618	134	8.39	\$1,624.07
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	179	8.15	\$1,398.07*
Intel Xeon E5-2648L v4 @ 1.80GHz	13292	140	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14506	108	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10159	237	84.90	\$119.66*
Intel Xeon E5-2650 v2 @ 2.60GHz	13114	144	39.86	\$329.00
Intel Xeon E5-2650 v3 @ 2.30GHz	14872	102	15.17	\$980.49
Intel Xeon E5-2650 v4 @ 2.20GHz	15902	82	12.50	\$1,272.63

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2650L @ 1.80GHz	8676	360	109.83	\$79.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13390	139	13.26	\$1,010.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	120	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	182	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	287	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	118	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	74	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	64	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11098	188	108.81	\$102.00
Intel Xeon E5-2660 v2 @ 2.20GHz	13286	141	43.51	\$305.34*
Intel Xeon E5-2660 v3 @ 2.60GHz	16151	76	10.10	\$1,599.99
Intel Xeon E5-2660 v4 @ 2.00GHz	17786	53	11.95	\$1,488.99*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	122	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11776	175	83.23	\$141.50*
Intel Xeon E5-2667 @ 2.90GHz	10327	221	45.70	\$226.00
Intel Xeon E5-2667 v2 @ 3.30GHz	16120	77	21.11	\$763.56
Intel Xeon E5-2667 v3 @ 3.20GHz	16119	78	7.13	\$2,259.95*
Intel Xeon E5-2667 v4 @ 3.20GHz	16374	72	7.52	\$2,177.00
Intel Xeon E5-2670 @ 2.60GHz	12209	167	50.05	\$243.95
Intel Xeon E5-2670 v2 @ 2.50GHz	15031	99	31.75	\$473.43
Intel Xeon E5-2670 v3 @ 2.30GHz	16619	67	11.46	\$1,450.00*
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	73	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16982	61	24.26	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21625	20	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15156	97	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17659	56	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	63	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25236	6	9.34	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12654	155	72.93	\$173.51
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2680 v2 @ 2.80GHz	15746	85	45.12	\$349.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18629	42	9.27	\$2,008.95
Intel Xeon E5-2680 v4 @ 2.40GHz	19867	33	11.27	\$1,762.90*
Intel Xeon E5-2682 v4 @ 2.50GHz	15333	91	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17414	58	8.77	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	40	10.03	\$1,899.99*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	101	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	39	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14405	113	24.06	\$598.74
Intel Xeon E5-2687W v2 @ 3.40GHz	16478	69	4.44	\$3,713.55*
Intel Xeon E5-2687W v3 @ 3.10GHz	17718	54	5.89	\$3,009.95*
Intel Xeon E5-2687W v4 @ 3.00GHz	19933	32	8.64	\$2,307.31*
Intel Xeon E5-2689 @ 2.60GHz	13476	138	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19805	34	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13980	123	69.21	\$202.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16473	70	27.97	\$589.00
Intel Xeon E5-2690 v3 @ 2.60GHz	19281	38	10.67	\$1,807.70
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	25	9.07	\$2,350.88*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	79	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2695 v2 @ 2.40GHz	15847	83	4.41	\$3,593.22
Intel Xeon E5-2695 v3 @ 2.30GHz	20296	28	10.10	\$2,009.99
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	29	8.24	\$2,459.99
Intel Xeon E5-2696 v2 @ 2.50GHz	16681	65	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22548	14	9.03	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21331	24	7.09	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17449	57	7.81	\$2,235.02*
Intel Xeon E5-2697 v3 @ 2.60GHz	21488	23	8.07	\$2,661.90
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	22	7.67	\$2,805.00
Intel Xeon E5-2697A v4 @ 2.60GHz	23590	11	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21133	26	6.17	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	19	6.77	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22358	16	5.58	\$4,010.00
Intel Xeon E5-2699 v4 @ 2.20GHz	23392	12	2.92	\$8,010.00*
Intel Xeon E5-4603 @ 2.00GHz	5014	720	2.65	\$1,890.99*
Intel Xeon E5-4617 @ 2.90GHz	8684	359	96.60	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	395	2.31	\$3,519.97*
Intel Xeon E5-4627 v3 @ 2.60GHz	14219	116	5.92	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	88	NA	NA
Intel Xeon E5-4640 @ 2.40GHz	10523	212	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	152	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	189	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	12085	169	24.57	\$491.80*
Intel Xeon E5-4650L @ 2.60GHz	11821	174	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	163	2.66	\$4,616.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15556	87	3.24	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	133	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1134	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2165	1463	8.73	\$248.00*
Intel Xeon E3113 @ 3.00GHz	2427	1362	247.99	\$9.79*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3120 @ 3.16GHz	2241	1440	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1818	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1364	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1429	8.71	\$259.95*
Intel Xeon E5320 @ 1.86GHz	2288	1413	14.49	\$157.95*
Intel Xeon E5335 @ 2.00GHz	2513	1332	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2923	1198	70.83	\$41.28*
Intel Xeon E5405 @ 2.00GHz	2864	1219	10.23	\$279.95
Intel Xeon E5410 @ 2.33GHz	3265	1086	15.78	\$207.01*
Intel Xeon E5420 @ 2.50GHz	3506	1026	13.49	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3776	962	104.91	\$36.00*
Intel Xeon E5440 @ 2.83GHz	3984	915	34.06	\$116.98
Intel Xeon E5450 @ 3.00GHz	4210	872	124.65	\$33.78
Intel Xeon E5462 @ 2.80GHz	3898	932	142.79	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4145	886	75.65	\$54.80*
Intel Xeon E5502 @ 1.87GHz	1378	1827	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1820	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2705	1271	97.67	\$27.70*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5506 @ 2.13GHz	2977	1180	19.86	\$149.95*
Intel Xeon E5507 @ 2.27GHz	3137	1130	6.87	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4447	822	273.85	\$16.24
Intel Xeon E5530 @ 2.40GHz	4605	796	178.52	\$25.80*
Intel Xeon E5540 @ 2.53GHz	4758	765	173.55	\$27.42
Intel Xeon E5603 @ 1.60GHz	2366	1387	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3045	1159	13.91	\$219.00
Intel Xeon E5607 @ 2.27GHz	3398	1055	10.96	\$310.00*
Intel Xeon E5620 @ 2.40GHz	4860	745	220.91	\$22.00
Intel Xeon E5630 @ 2.53GHz	5109	699	72.77	\$70.21
Intel Xeon E5640 @ 2.67GHz	5263	680	29.25	\$179.95
Intel Xeon E5645 @ 2.40GHz	6509	538	82.40	\$79.00
Intel Xeon E5649 @ 2.53GHz	6936	497	60.31	\$115.00
Intel Xeon E7320 @ 2.13GHz	2413	1368	NA	NA
Intel Xeon E-2176M @ 2.70GHz	14175	117	31.50	\$450.00*
Intel Xeon E-2186M @ 2.90GHz	15708	86	25.21	\$623.00*
Intel Xeon Gold 5120 @ 2.20GHz	15110	98	9.68	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	51	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	11104	187	8.57	\$1,294.99*
Intel Xeon Gold 6126 @ 2.60GHz	19711	36	11.10	\$1,776.00*
Intel Xeon Gold 6128 @ 3.40GHz	15022	100	8.85	\$1,697.00*
Intel Xeon Gold 6130 @ 2.10GHz	20222	30	10.41	\$1,941.99
Intel Xeon Gold 6134 @ 3.20GHz	18083	52	7.25	\$2,493.54*
Intel Xeon Gold 6136 @ 3.00GHz	21018	27	7.90	\$2,660.00*
Intel Xeon Gold 6138 @ 2.00GHz	25416	5	9.56	\$2,659.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	9	9.10	\$2,634.77*
Intel Xeon Gold 6144 @ 3.50GHz	19654	37	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	8	7.96	\$3,160.00
Intel Xeon Gold 6154 @ 3.00GHz	27789	2	7.84	\$3,543.00*
Intel Xeon L3110 @ 3.00GHz	2273	1426	NA	NA
Intel Xeon L3360 @ 2.83GHz	3820	949	42.81	\$89.23*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L3406 @ 2.27GHz	1338	1852	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	943	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1617	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1427	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1425	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1475	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1259	72.15	\$38.20*
Intel Xeon L5408 @ 2.13GHz	3037	1161	NA	NA
Intel Xeon L5410 @ 2.33GHz	3396	1058	33.93	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3502	1027	22.17	\$157.95*
Intel Xeon L5430 @ 2.66GHz	3716	977	23.53	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	978	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	836	164.31	\$26.70*
Intel Xeon L5530 @ 2.40GHz	4351	846	311.73	\$13.96*
Intel Xeon L5630 @ 2.13GHz	4369	841	252.11	\$17.33
Intel Xeon L5638 @ 2.00GHz	5556	637	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	507	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5640 @ 2.27GHz	6442	544	185.41	\$34.75*
Intel Xeon L7455 @ 2.13GHz	3836	944	NA	NA
Intel Xeon MV 3.20GHz	683	2222	NA	NA
Intel Xeon Platinum 8173M @ 2.00GHz	28860	1	NA	NA
Intel Xeon Silver 4109T @ 2.00GHz	10854	198	21.67	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11869	173	21.98	\$540.08*
Intel Xeon Silver 4112 @ 2.60GHz	8548	366	16.15	\$529.21*
Intel Xeon Silver 4114 @ 2.20GHz	14480	110	19.44	\$744.73*
Intel Xeon Silver 4116 @ 2.10GHz	15257	95	13.61	\$1,121.16*
Intel Xeon W3503 @ 2.40GHz	1756	1644	108.32	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1858	1598	NA	NA
Intel Xeon W3520 @ 2.67GHz	5059	712	12.34	\$409.95*
Intel Xeon W3530 @ 2.80GHz	5361	668	18.24	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5474	647	274.83	\$19.92
Intel Xeon W3550 @ 3.07GHz	5706	618	271.87	\$20.99*
Intel Xeon W3565 @ 3.20GHz	5945	589	110.12	\$53.99*
Intel Xeon W3570 @ 3.20GHz	6098	575	12.71	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6433	549	29.99	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8152	392	14.43	\$565.00*
Intel Xeon W3680 @ 3.33GHz	9098	322	19.78	\$459.95*
Intel Xeon W3690 @ 3.47GHz	9207	313	4.07	\$2,260.61*
Intel Xeon W5580 @ 3.20GHz	5836	602	56.19	\$103.88*
Intel Xeon W5590 @ 3.33GHz	6183	566	4.02	\$1,540.10*
Intel Xeon W-2102 @ 2.90GHz	7007	492	20.73	\$337.99*
Intel Xeon W-2123 @ 3.60GHz	10827	200	33.31	\$325.03*
Intel Xeon W-2125 @ 4.00GHz	12343	160	27.80	\$444.00*
Intel Xeon W-2133 @ 3.60GHz	14125	119	22.89	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16460	71	17.65	\$932.79*
Intel Xeon W-2140B @ 3.20GHz	18340	47	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19769	35	15.27	\$1,294.94*
Intel Xeon W-2150B @ 3.00GHz	21625	21	NA	NA
Intel Xeon W-2155 @ 3.30GHz	22532	15	14.72	\$1,530.39*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2195 @ 2.30GHz	23957	10	8.79	\$2,725.06*
Intel Xeon X3210 @ 2.13GHz	2768	1251	18.58	\$149.00*
Intel Xeon X3220 @ 2.40GHz	3089	1143	53.28	\$57.99*
Intel Xeon X3230 @ 2.66GHz	3431	1044	9.53	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3335	1072	14.53	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3165	1119	44.59	\$70.99*
Intel Xeon X3330 @ 2.66GHz	3376	1063	16.08	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3880	938	64.68	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3881	937	52.81	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3962	920	25.09	\$157.95*
Intel Xeon X3363 @ 2.83GHz	4030	904	25.52	\$157.95*
Intel Xeon X3370 @ 3.00GHz	4289	857	11.69	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4697	774	NA	NA
Intel Xeon X3430 @ 2.40GHz	3371	1064	16.86	\$200.00*
Intel Xeon X3440 @ 2.53GHz	4543	808	20.19	\$225.00
Intel Xeon X3450 @ 2.67GHz	4850	750	37.31	\$130.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3460 @ 2.80GHz	5117	697	14.33	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5187	689	10.17	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	624	NA	NA
Intel Xeon X5260 @ 3.33GHz	2453	1354	17.62	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2535	1323	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1375	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3218	1104	52.64	\$61.14*
Intel Xeon X5365 @ 3.00GHz	3491	1030	35.09	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4134	888	108.81	\$38.00
Intel Xeon X5460 @ 3.16GHz	4345	847	74.92	\$58.00
Intel Xeon X5470 @ 3.33GHz	4610	794	15.69	\$293.87*
Intel Xeon X5472 @ 3.00GHz	4023	905	17.88	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4569	805	45.70	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4829	754	3.47	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5404	662	312.95	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5399	663	94.89	\$56.90*
Intel Xeon X5570 @ 2.93GHz	5679	622	126.24	\$44.99*
Intel Xeon X5647 @ 2.93GHz	5980	585	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7429	455	193.53	\$38.39
Intel Xeon X5660 @ 2.80GHz	7640	438	65.50	\$116.65
Intel Xeon X5667 @ 3.07GHz	4722	769	67.47	\$70.00*
Intel Xeon X5670 @ 2.93GHz	7946	414	122.25	\$65.00
Intel Xeon X5672 @ 3.20GHz	6438	546	55.93	\$115.12*
Intel Xeon X5675 @ 3.07GHz	8484	369	35.50	\$239.00
Intel Xeon X5677 @ 3.47GHz	6931	499	86.64	\$80.00
Intel Xeon X5679 @ 3.20GHz	8845	344	NA	NA
Intel Xeon X5680 @ 3.33GHz	8605	364	66.22	\$129.95
Intel Xeon X5687 @ 3.60GHz	7091	483	97.29	\$72.89
Intel Xeon X5690 @ 3.47GHz	8977	333	57.92	\$155.00
Intel Xeon X5698 @ 4.40GHz	4272	858	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1178	NA	NA
Mobile AMD Athlon 4	314	2522	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2477	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon 64 2700+	398	2430	NA	NA
Mobile AMD Athlon 64 2800+	440	2380	NA	NA
Mobile AMD Athlon 64 3000+	450	2370	NA	NA
Mobile AMD Athlon 64 3200+	448	2372	NA	NA
Mobile AMD Athlon 64 3400+	511	2311	NA	NA
Mobile AMD Athlon 64 3700+	435	2392	NA	NA
Mobile AMD Athlon 64 4000+	576	2271	NA	NA
Mobile AMD Athlon 1400+	266	2600	NA	NA
Mobile AMD Athlon 2500+	370	2461	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2601	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2449	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2554	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2322	NA	NA
Mobile AMD Athlon XP	572	2277	47.72	\$11.99
Mobile AMD Athlon XP-M	512	2310	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M 1400+	184	2682	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2605	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2609	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2510	NA	NA
Mobile AMD Athlon XP-M 1800+	312	2526	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2496	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2544	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2471	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2491	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2489	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2460	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2469	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2468	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2382	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2330	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2316	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2561	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2553	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2501	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2458	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2347	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2317	NA	NA
Mobile AMD Sempron 2100+	252	2616	NA	NA
Mobile AMD Sempron 2600+	394	2436	NA	NA
Mobile AMD Sempron 2800+	358	2478	NA	NA
Mobile AMD Sempron 3000+	389	2443	NA	NA
Mobile AMD Sempron 3100+	416	2404	NA	NA
Mobile AMD Sempron 3200+	354	2482	NA	NA
Mobile AMD Sempron 3300+	445	2376	NA	NA
Mobile AMD Sempron 3400+	447	2373	NA	NA
Mobile AMD Sempron 3500+	410	2409	NA	NA
Mobile AMD Sempron 3600+	431	2396	NA	NA
Mobile AMD Sempron 3800+	485	2335	NA	NA
Mobile Intel Celeron 1.20GHz	170	2692	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 1.50GHz	188	2676	NA	NA
Mobile Intel Celeron 1.60GHz	188	2677	NA	NA
Mobile Intel Celeron 1.70GHz	181	2685	NA	NA
Mobile Intel Celeron 1.80GHz	186	2679	NA	NA
Mobile Intel Celeron 2.00GHz	204	2662	NA	NA
Mobile Intel Celeron 2.20GHz	226	2643	NA	NA
Mobile Intel Celeron 2.40GHz	239	2631	NA	NA
Mobile Intel Celeron 2.50GHz	281	2580	NA	NA
Mobile Intel Celeron 1200MHz	294	2555	NA	NA
Mobile Intel Celeron 1333MHz	309	2530	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2587	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2603	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2584	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2520	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 3.06GHz	337	2499	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2479	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2383	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2344	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2671	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2691	0.88	\$196.00
Mobile Intel Pentium 4 - M 1.80GHz	175	2688	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2638	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2666	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2668	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2654	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2611	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2523	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2656	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2667	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2620	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2559	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2644	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2560	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1338	NA	NA
Quad-Core AMD Opteron 1385	3442	1043	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3418	1047	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1197	NA	NA
VIA C3 Ezra	100	2720	NA	NA
VIA C7 1500MHz	284	2575	NA	NA
VIA C7-D 1500MHz	287	2567	NA	NA
VIA C7-D 1800MHz	203	2663	NA	NA
VIA C7-D 2000MHz	368	2464	NA	NA
VIA C7-M 1000MHz	164	2694	NA	NA
VIA C7-M 1200MHz	140	2707	NA	NA
VIA C7-M 1600MHz	178	2687	NA	NA
VIA C7-M 6300MHz	222	2646	NA	NA
VIA Eden 800MHz	155	2698	NA	NA
VIA Eden 1000MHz	123	2715	NA	NA
VIA Eden 1200MHz	142	2706	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Eden C1050@1.06GHz	352	2485	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2342	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	1965	NA	NA
VIA Esther 1000MHz	146	2705	NA	NA
VIA Esther 1300MHz	250	2619	NA	NA
VIA Esther 1500MHz	219	2648	NA	NA
VIA Esther 2000MHz	394	2435	NA	NA
VIA Nano L1900@1400MHz	457	2362	NA	NA
VIA Nano L2007@1600MHz	369	2462	NA	NA
VIA Nano L2100@1800MHz	428	2398	NA	NA
VIA Nano L2207@1600MHz	296	2552	NA	NA
VIA Nano L3025@1600MHz	517	2306	NA	NA
VIA Nano L3050@1800MHz	581	2270	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano L3600@2000MHz	645	2236	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2451	NA	NA
VIA Nano U2250@1300+MHz	274	2591	NA	NA
VIA Nano U2500@1200MHz	306	2534	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2319	NA	NA
VIA Nano U3300@1200MHz	409	2412	NA	NA
VIA Nano U3500@1000MHz	275	2589	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2256	NA	NA
VIA Nehemiah	155	2699	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1576	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1837	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1946	NA	NA
VIA Samuel 2	79	2722	NA	NA

\* - Last price seen from our affiliates.



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## Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	268	24.17	\$317.40*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	106	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	369	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	375	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	420	NA	NA
[Dual CPU] AMD EPYC 7281	12720	157	9.11	\$1,395.62
[Dual CPU] AMD EPYC 7401	23518	51	5.84	\$4,024.00
[Dual CPU] AMD EPYC 7451	28957	22	5.68	\$5,093.98
[Dual CPU] AMD EPYC 7501	23727	50	3.18	\$7,465.98
[Dual CPU] AMD EPYC 7551	30966	15	3.49	\$8,865.90
[Dual CPU] AMD Opteron 246	1130	409	28.26	\$39.98
[Dual CPU] AMD Opteron 248	1053	410	4.79	\$219.90
[Dual CPU] AMD Opteron 250	1438	406	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1385	407	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	415	NA	NA
[Dual CPU] AMD Opteron 256	1853	403	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	401	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	397	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	400	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	392	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	384	NA	NA
[Dual CPU] AMD Opteron 290	2807	381	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	378	NA	NA
[Dual CPU] AMD Opteron 2212	2203	398	91.79	\$24.00*
[Dual CPU] AMD Opteron 2214	2344	393	90.15	\$26.00
[Dual CPU] AMD Opteron 2214 HE	2463	391	NA	NA
[Dual CPU] AMD Opteron 2216	2485	389	6.98	\$356.00*
[Dual CPU] AMD Opteron 2216 HE	2593	387	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2218	2719	385	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	388	NA	NA
[Dual CPU] AMD Opteron 2220	2850	379	0.97	\$2,950.32*
[Dual CPU] AMD Opteron 2220 SE	2882	377	57.64	\$50.00
[Dual CPU] AMD Opteron 2222	3008	372	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	367	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	357	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	364	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4090	358	7.57	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	346	6.88	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	349	148.53	\$29.90
[Dual CPU] AMD Opteron 2360 SE	5315	329	98.43	\$54.00
[Dual CPU] AMD Opteron 2373 EE	4164	355	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	342	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	330	104.76	\$50.00*
[Dual CPU] AMD Opteron 2378	5559	324	15.53	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	316	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	313	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6441	297	NA	NA
[Dual CPU] AMD Opteron 2389	5677	317	142.00	\$39.98
[Dual CPU] AMD Opteron 2419	5191	332	216.47	\$23.98
[Dual CPU] AMD Opteron 2425 HE	6209	305	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2427	5980	311	31.43	\$190.28*
[Dual CPU] AMD Opteron 2431	6438	298	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7080	283	29.40	\$240.80*
[Dual CPU] AMD Opteron 2439 SE	8071	255	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	359	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	319	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	301	29.10	\$218.00
[Dual CPU] AMD Opteron 4180	6367	300	14.15	\$450.08
[Dual CPU] AMD Opteron 4184	7848	261	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	254	8.64	\$936.14*
[Dual CPU] AMD Opteron 4228 HE	7986	256	NA	NA
[Dual CPU] AMD Opteron 4234	9361	222	15.57	\$601.40*
[Dual CPU] AMD Opteron 4276 HE	9681	216	NA	NA
[Dual CPU] AMD Opteron 4280	4525	347	4.96	\$912.88*
[Dual CPU] AMD Opteron 4284	8772	235	12.28	\$714.60*
[Dual CPU] AMD Opteron 4334	9456	221	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	195	NA	NA
[Dual CPU] AMD Opteron 4376 HE	10244	203	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	185	15.01	\$757.04*
[Dual CPU] AMD Opteron 6128	6881	288	163.91	\$41.98
[Dual CPU] AMD Opteron 6128 HE	5582	322	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	238	NA	NA
[Dual CPU] AMD Opteron 6136	7255	277	10.10	\$718.00
[Dual CPU] AMD Opteron 6164 HE	5109	335	NA	NA
[Dual CPU] AMD Opteron 6168	7741	265	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7623	269	18.15	\$419.90

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6174	8776	234	399.27	\$21.98
[Dual CPU] AMD Opteron 6176 SE	8448	243	15.30	\$552.06
[Dual CPU] AMD Opteron 6180 SE	3114	370	NA	NA
[Dual CPU] AMD Opteron 6204	7134	281	NA	NA
[Dual CPU] AMD Opteron 6212	8955	228	21.37	\$419.00*
[Dual CPU] AMD Opteron 6220	10740	191	25.57	\$420.00
[Dual CPU] AMD Opteron 6234	10262	202	12.83	\$799.98*
[Dual CPU] AMD Opteron 6238	10349	199	4.76	\$2,176.22*
[Dual CPU] AMD Opteron 6272	10026	208	16.05	\$624.80
[Dual CPU] AMD Opteron 6274	10682	192	25.43	\$420.00
[Dual CPU] AMD Opteron 6275	9936	211	NA	NA
[Dual CPU] AMD Opteron 6276	10194	205	16.50	\$617.78
[Dual CPU] AMD Opteron 6284 SE	11985	171	NA	NA
[Dual CPU] AMD Opteron 6308	8351	246	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10914	189	20.21	\$539.96
[Dual CPU] AMD Opteron 6328	11722	175	11.49	\$1,019.96
[Dual CPU] AMD Opteron 6344	11203	186	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	182	9.13	\$1,249.96
[Dual CPU] AMD Opteron 6376	10405	197	8.69	\$1,198.00
[Dual CPU] AMD Opteron 6378	2905	376	3.64	\$798.00*
[Dual CPU] AMD Opteron 6380	14200	144	47.34	\$299.98
[Dual CPU] AMD Opteron 6386 SE	10764	190	35.88	\$299.98
[Dual CPU] AMD Opteron 8218	2831	380	67.40	\$42.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 8222 SE	2793	383	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	368	73.25	\$44.00
[Dual CPU] AMD Opteron 8380	5643	320	13.70	\$412.00*
[Dual CPU] AMD Opteron 8381 HE	5210	331	NA	NA
[Dual CPU] AMD Opteron 8389	6517	294	155.24	\$41.98
[Dual CPU] AMD Opteron 8431	5813	314	207.76	\$27.98
[Dual CPU] AMD Opteron 8435	7606	270	38.42	\$197.98*
[Dual CPU] AMD Opteron 8439 SE	7691	267	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	408	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	395	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	363	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7955	257	2.20	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	429	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	427	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	423	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	425	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	430	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	431	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	428	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	426	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	421	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	687	417	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	784	416	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	419	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon 3.20GHz	857	414	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	893	413	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	926	412	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	402	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	411	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2154	399	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	394	0.70	\$3,289.96*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2615	386	34.05	\$76.80*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	371	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2983	374	46.01	\$64.84
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	373	37.50	\$79.98*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3448	365	3.78	\$911.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3841	361	144.18	\$26.64
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8987	227	17.83	\$503.98*
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11646	177	16.69	\$697.88*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	306	6.93	\$895.18
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	303	14.14	\$445.68*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7518	272	11.22	\$670.08
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	226	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11628	179	15.51	\$749.60
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11725	174	10.11	\$1,159.90
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	248	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	148	12.79	\$1,066.44
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	14265	142	46.31	\$308.00
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	183	54.76	\$207.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	164	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	156	16.07	\$800.00*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	147	9.50	\$1,444.44*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	117	NA	NA
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11886	172	91.44	\$129.98
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	116	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	100	4.13	\$4,500.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6326	302	113.61	\$55.68
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	293	68.44	\$95.26
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8374	244	19.18	\$436.64
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8542	241	18.57	\$459.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8223	251	52.23	\$157.44
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8815	232	15.80	\$557.84
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9984	209	11.14	\$896.04*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10992	188	12.66	\$868.00*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12441	161	59.81	\$208.00
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13460	154	18.46	\$729.28
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15276	131	10.75	\$1,421.08
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16459	118	19.67	\$836.80
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14251	143	17.59	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12208	167	11.12	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	138	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13621	151	53.15	\$256.28*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16073	122	13.18	\$1,219.90
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18581	99	15.94	\$1,165.98
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18923	98	13.71	\$1,380.00
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	187	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	150	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	132	10.10	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	275	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15958	124	4.84	\$3,298.44
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16437	119	6.34	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16678	115	7.83	\$2,129.22
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14708	135	68.54	\$214.58
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14491	139	51.94	\$279.02
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20524	84	6.63	\$3,094.54
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20698	81	10.38	\$1,994.20
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13590	153	12.86	\$1,056.80
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21298	74	4.24	\$5,018.00
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21083	77	6.30	\$3,345.92
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21705	69	6.68	\$3,248.14
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	166	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	11808	173	3.99	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	105	6.47	\$2,796.14*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15001	133	62.68	\$239.32*
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19049	97	28.95	\$658.00
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20518	85	10.46	\$1,960.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20452	86	8.04	\$2,545.26
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	140	91.04	\$158.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14337	141	34.14	\$420.00
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	80	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13345	155	4.56	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18096	104	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	94	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16404	120	80.41	\$204.00
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18347	101	30.04	\$610.68*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22600	63	7.06	\$3,199.98
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23117	56	7.76	\$2,977.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	55	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17470	107	61.73	\$283.00*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	39	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17003	112	37.62	\$452.00
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22846	62	14.96	\$1,527.12
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23109	57	5.11	\$4,519.90*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23855	49	5.48	\$4,354.00
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18256	102	37.42	\$487.90
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	21136	76	22.32	\$946.86
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	66	7.71	\$2,900.00*
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23077	58	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	22959	61	16.40	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	20	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	88	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	70	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	19	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18202	103	52.45	\$347.02
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21471	71	30.76	\$698.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24877	40	6.19	\$4,017.90
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	53	6.63	\$3,525.80*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	113	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	20981	79	5.28	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	38	6.58	\$3,799.98*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	67	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26071	33	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21008	78	17.54	\$1,197.48
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23264	54	3.13	\$7,427.10*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24199	45	4.02	\$6,019.90*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26529	30	5.75	\$4,614.62*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	89	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	31	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	20005	87	49.52	\$404.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23887	48	20.28	\$1,178.00
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25668	35	7.10	\$3,615.40
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27561	27	5.86	\$4,701.76*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20590	83	2.87	\$7,186.44
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	41	6.18	\$4,019.98
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	36	5.21	\$4,919.98
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23914	47	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30116	17	6.03	\$4,996.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31526	12	5.24	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23421	52	5.24	\$4,470.04*
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28349	24	5.32	\$5,323.80
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30520	16	5.44	\$5,610.00
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	25	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29958	18	4.37	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	10	5.00	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	46	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	25481	37	3.18	\$8,020.00
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34330	7	2.14	\$16,020.00*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	82	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	92	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	126	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	96	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	91	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19401	93	19.72	\$983.60*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	134	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	193	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	64	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	29	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	168	44.98	\$270.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	127	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	65	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15488	128	2.35	\$6,587.58*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	396	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	360	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3588	362	6.90	\$519.90*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4141	356	13.11	\$315.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	338	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4593	345	129.23	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5134	334	62.19	\$82.56*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5182	333	9.26	\$559.90
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6036	309	14.58	\$414.02*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6378	299	12.27	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6867	289	95.38	\$72.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7207	278	30.80	\$233.96
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7576	271	112.14	\$67.56
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7148	280	130.92	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7836	262	71.50	\$109.60*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2480	390	13.05	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	382	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4891	339	88.29	\$55.40*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5019	337	16.74	\$299.90*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5434	326	5.95	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7438	274	229.00	\$32.48
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7740	266	150.00	\$51.60*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7859	260	143.31	\$54.84
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4236	353	16.41	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5560	323	12.69	\$438.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5989	310	9.66	\$620.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8098	253	184.05	\$44.00
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8366	245	59.58	\$140.42
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8790	233	24.42	\$359.90
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10413	196	65.91	\$158.00
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10348	200	44.99	\$230.00
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	325	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	328	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	21833	68	7.95	\$2,745.38
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	44	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	75	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	21447	72	7.96	\$2,696.00*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25997	34	8.33	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17132	111	6.61	\$2,589.98*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27978	26	7.88	\$3,552.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	23072	59	6.80	\$3,394.00*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	23057	60	5.94	\$3,883.98
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	27498	28	5.51	\$4,987.08*
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29157	21	5.48	\$5,320.00*
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35823	4	6.73	\$5,319.98



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	33114	9	6.28	\$5,269.54*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	24344	43	4.12	\$5,904.00*
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28434	23	4.86	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	34296	8	5.43	\$6,320.00
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	13	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35368	6	6.24	\$5,672.30
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36823	3	5.20	\$7,086.00*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	348	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	352	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	340	64.02	\$76.40*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	321	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6137	307	30.66	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6487	296	20.53	\$315.90*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6600	291	20.89	\$315.90*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	287	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	286	130.04	\$53.40*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	258	284.35	\$27.92*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	285	202.14	\$34.66
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	229	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9618	217	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9746	214	140.23	\$69.50*
[Dual CPU] Intel Xeon MP 2.50GHz	550	422	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	424	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	418	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	404	NA	NA
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39514	2	3.35	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	5	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	31092	14	1.55	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	16342	121	17.40	\$939.32*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	17291	109	16.01	\$1,080.16*
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13968	145	13.20	\$1,058.42*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19311	95	12.97	\$1,489.46*
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	19703	90	8.79	\$2,242.32*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	206	48.66	\$207.76*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10356	198	3.36	\$3,080.20*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	201	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4778	343	17.16	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	344	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	341	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5808	315	47.50	\$122.28*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6241	304	31.36	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7503	273	98.72	\$76.00
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7876	259	67.90	\$116.00
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8204	252	13.96	\$587.74*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7780	263	17.29	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8258	249	41.29	\$199.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8769	236	3.15	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9021	225	261.18	\$34.54*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	223	79.82	\$113.80*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9542	219	106.05	\$89.98*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	212	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11379	184	148.20	\$76.78
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11678	176	50.06	\$233.30
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	231	62.98	\$140.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12357	163	95.05	\$130.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10053	207	43.66	\$230.24*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12649	159	26.46	\$478.00
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11505	180	71.91	\$160.00
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	152	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13637	149	52.47	\$259.90
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	12003	170	82.34	\$145.78
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13938	146	44.96	\$310.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	242	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	292	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	237	41.21	\$211.60*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	210	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	178	264.34	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	354	59.59	\$70.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	336	15.28	\$330.00*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	351	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	350	199.09	\$21.98
[Dual CPU] Quad-Core AMD Opteron 8378	5382	327	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	290	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	318	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	312	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	247	NA	NA
[Quad CPU] AMD Opteron 6136	9767	213	6.80	\$1,436.00
[Quad CPU] AMD Opteron 6272	12292	165	9.84	\$1,249.60
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 6274	10488	194	12.49	\$840.00
[Quad CPU] AMD Opteron 6276	15342	130	12.42	\$1,235.56
[Quad CPU] AMD Opteron 6278	12055	169	4.35	\$2,770.00*
[Quad CPU] AMD Opteron 6376	14681	136	6.13	\$2,396.00
[Quad CPU] AMD Opteron 6380	12442	160	20.74	\$599.96
[Quad CPU] AMD Opteron 8360 SE	6490	295	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	308	NA	NA
[Quad CPU] AMD Opteron 8382	8553	240	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	276	NA	NA
[Quad CPU] AMD Opteron 8431	8252	250	147.46	\$55.96
[Quad CPU] AMD Opteron 8435	7099	282	17.93	\$395.96*
[Quad CPU] AMD Opteron 8439 SE	8943	230	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	405	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	366	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	114	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	125	1.13	\$14,079.88*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	42	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	73	10.86	\$1,967.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	123	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	11	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	110	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	108	131.38	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14622	137	1.11	\$13,175.16*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	158	15.87	\$799.96*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	284	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	264	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	204	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	218	7.31	\$1,310.40*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	224	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	32	5.05	\$5,179.96*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	215	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	220	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12409	162	29.32	\$423.20*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	239	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	181	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	129	175.16	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	279	163.10	\$43.96

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