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CPU Benchmarks

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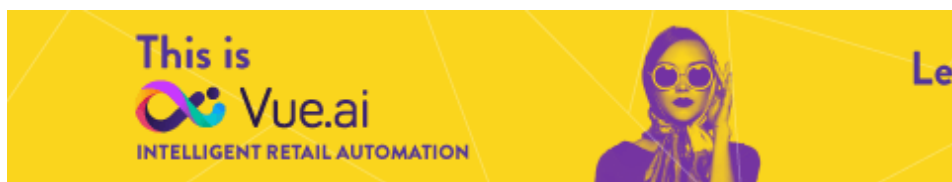
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CPU List

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

How does your CPU compare?
Add your CPU to our benchmark chart with **PerformanceTest V9!**



Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2713	NA	NA
AMD A4 Micro-6400T APU	1544	1905	NA	NA
AMD A4 PRO-3340B	2402	1511	NA	NA
AMD A4 PRO-7300B APU	2335	1533	NA	NA
AMD A4 PRO-7350B	2227	1587	NA	NA
AMD A4-1200 APU	632	2393	NA	NA
AMD A4-1250 APU	619	2400	NA	NA
AMD A4-3300 APU	1499	1930	115.46	\$12.99
AMD A4-3300M APU	1185	2093	39.52	\$29.99*
AMD A4-3305M APU	1223	2071	39.70	\$30.81
AMD A4-3310MX APU	1287	2033	NA	NA
AMD A4-3320M APU	1253	2055	34.93	\$35.90
AMD A4-3330MX APU	1212	2076	NA	NA
AMD A4-3400 APU	1592	1891	18.11	\$87.95
AMD A4-3420 APU	1666	1848	NA	NA
AMD A4-4000 APU	1829	1764	14.27	\$128.27*
AMD A4-4020 APU	1921	1711	20.89	\$92.00
AMD A4-4300M APU	1612	1879	40.44	\$39.86

AMD A4-4355M APU	1175	2096	NA	NA
AMD A4-5000 APU	1914	1717	NA	NA
AMD A4-5050 APU	2113	1630	NA	NA
AMD A4-5100 APU	2037	1659	NA	NA
AMD A4-5150M APU	1856	1748	NA	NA
AMD A4-5300 APU	2011	1671	15.03	\$133.85
AMD A4-5300B APU	2142	1614	56.38	\$38.00*
AMD A4-6210 APU	2167	1605	NA	NA
AMD A4-6250J APU	2556	1454	NA	NA
AMD A4-6300 APU	2220	1589	37.01	\$59.99*
AMD A4-6300B APU	2129	1621	21.30	\$100.00*
AMD A4-6320 APU	2329	1535	33.29	\$69.99*
AMD A4-7210 APU	2519	1469	NA	NA
AMD A4-7300 APU	2306	1546	19.38	\$119.00
AMD A4-9120	1944	1700	NA	NA
AMD A4-9125	1978	1686	NA	NA
AMD A6 Micro-6500T APU	1834	1761	NA	NA
AMD A6 PRO-7050B APU	1616	1877	NA	NA
AMD A6 PRO-7400B	2608	1433	NA	NA
AMD A6-1450 APU	1532	1911	NA	NA
AMD A6-3400M APU	1883	1737	62.86	\$29.97*
AMD A6-3410MX APU	2057	1655	515.55	\$3.99*
AMD A6-3420M APU	1999	1674	NA	NA
AMD A6-3430MX APU	2200	1596	NA	NA
AMD A6-3500 APU	2012	1670	50.32	\$39.99*
AMD A6-3600 APU	2701	1408	117.50	\$22.99*
AMD A6-3620 APU	2797	1376	46.64	\$59.99*
AMD A6-3650 APU	3148	1260	98.41	\$31.99*
AMD A6-3670 APU	3169	1248	5.20	\$610.00*
AMD A6-4400M APU	1640	1861	205.36	\$7.99*
AMD A6-4455M APU	1286	2034	NA	NA
AMD A6-5200 APU	2432	1499	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5345M APU	1476	1939	NA	NA
AMD A6-5350M APU	1902	1721	44.13	\$43.12
AMD A6-5357M APU	1941	1702	NA	NA
AMD A6-5400B APU	2238	1582	21.31	\$105.04*
AMD A6-5400K APU	2157	1610	21.79	\$99.00
AMD A6-6310 APU	2454	1493	NA	NA
AMD A6-6400B APU	2281	1559	NA	NA
AMD A6-6400K APU	2308	1544	32.98	\$69.99
AMD A6-6420B APU	2612	1431	NA	NA
AMD A6-6420K APU	2388	1517	15.92	\$149.99*
AMD A6-7000	1667	1846	NA	NA
AMD A6-7310 APU	2666	1418	NA	NA

AMD A6-7400K APU	2782	1381	49.10	\$56.67
AMD A6-7470K	2727	1402	11.22	\$243.00
AMD A6-7480	3159	1256	71.82	\$43.99
AMD A6-8500P	2202	1595	NA	NA
AMD A6-8550	3032	1295	NA	NA
AMD A6-9200	1738	1800	NA	NA
AMD A6-9210	1728	1804	NA	NA
AMD A6-9220	2160	1608	NA	NA
AMD A6-9220C	2147	1613	NA	NA
AMD A6-9220e	1639	1862	NA	NA
AMD A6-9225	2147	1612	NA	NA
AMD A6-9230	2102	1635	NA	NA
AMD A6-9500	3047	1293	65.38	\$46.61
AMD A6-9500E	2889	1351	40.20	\$71.87
AMD A8 PRO-7150B APU	2650	1421	NA	NA
AMD A8 PRO-7600B APU	4735	889	NA	NA
AMD A8-3500M APU	1972	1687	28.19	\$69.95
AMD A8-3510MX APU	2379	1520	NA	NA
AMD A8-3520M APU	2171	1603	NA	NA
AMD A8-3530MX APU	2365	1528	NA	NA
AMD A8-3550MX APU	2610	1432	NA	NA
AMD A8-3800 APU	3014	1299	52.89	\$56.99*
AMD A8-3820 APU	3104	1270	24.84	\$124.99*
AMD A8-3850 APU	3462	1165	32.76	\$105.68*
AMD A8-3870K APU	3539	1144	70.81	\$49.99*
AMD A8-4500M APU	2666	1419	NA	NA
AMD A8-4555M APU	2121	1625	NA	NA
AMD A8-5500 APU	3995	1032	70.72	\$56.50*
AMD A8-5500B APU	3993	1034	NA	NA
AMD A8-5545M APU	2587	1442	NA	NA
AMD A8-5550M APU	3006	1303	NA	NA
AMD A8-5557M APU	2965	1318	NA	NA
AMD A8-5600K APU	4341	969	18.93	\$229.30
AMD A8-6410 APU	2571	1450	NA	NA
AMD A8-6500 APU	4396	957	46.29	\$94.99*
AMD A8-6500B APU	4612	911	NA	NA
AMD A8-6500T APU	3221	1230	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-6600K APU	4588	918	47.31	\$96.99*
AMD A8-7050	1986	1681	NA	NA
AMD A8-7100 APU	2807	1374	NA	NA
AMD A8-7200P	3319	1201	NA	NA
AMD A8-7410 APU	2741	1396	NA	NA
AMD A8-7600 APU	5066	820	63.34	\$79.99*
AMD A8-7650K	4924	855	19.39	\$254.00
AMD A8-7670K	5090	813	31.60	\$161.10*

AMD A8-7680	5185	804	86.45	\$59.99*
AMD A8-8600P	3248	1221	NA	NA
AMD A8-8650	5470	756	NA	NA
AMD A8-9600	4990	841	77.05	\$64.76
AMD A9-9400	2328	1536	NA	NA
AMD A9-9410	2554	1455	NA	NA
AMD A9-9420	2330	1534	NA	NA
AMD A9-9420e	1894	1728	NA	NA
AMD A9-9425	2542	1462	NA	NA
AMD A9-9430	2524	1466	NA	NA
AMD A10 Micro-6700T APU	1970	1688	NA	NA
AMD A10 PRO-7350B APU	3171	1247	NA	NA
AMD A10 PRO-7800B APU	4909	857	NA	NA
AMD A10 PRO-7850B APU	5380	772	NA	NA
AMD A10-4600M APU	3112	1269	NA	NA
AMD A10-4655M APU	2607	1434	NA	NA
AMD A10-4657M APU	2906	1342	NA	NA
AMD A10-5700 APU	4211	993	65.30	\$64.50*
AMD A10-5745M APU	2763	1389	NA	NA
AMD A10-5750M APU	3344	1198	NA	NA
AMD A10-5757M APU	3084	1276	NA	NA
AMD A10-5800B APU	4568	920	NA	NA
AMD A10-5800K APU	4637	904	7.60	\$610.00*
AMD A10-6700 APU	4606	913	39.37	\$116.99*
AMD A10-6700T APU	3693	1108	25.02	\$147.61*
AMD A10-6790K APU	4685	895	49.32	\$94.99*
AMD A10-6800B APU	4806	875	NA	NA
AMD A10-6800K APU	4860	867	16.95	\$286.85*
AMD A10-7300 APU	2906	1343	NA	NA
AMD A10-7400P	3603	1124	NA	NA
AMD A10-7700K APU	5119	809	14.77	\$346.70*
AMD A10-7800 APU	4982	843	48.19	\$103.39*
AMD A10-7850K APU	5471	755	19.40	\$281.99*
AMD A10-7860K	5066	821	28.95	\$175.00*
AMD A10-7870K	5469	757	24.10	\$226.99*
AMD A10-7890K	5702	726	28.51	\$199.99*
AMD A10-8700P	3445	1169	NA	NA
AMD A10-8750	5057	823	NA	NA
AMD A10-8850	5598	741	NA	NA
AMD A10-9600P	3777	1084	NA	NA
AMD A10-9620P	3673	1113	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9630P	4497	938	NA	NA
AMD A10-9700	5387	771	63.62	\$84.68
AMD A10-9700E	4747	888	39.49	\$120.24*

AMD A12-9700P	3725	1100	NA	NA
AMD A12-9720P	3998	1031	NA	NA
AMD A12-9730P	4472	942	NA	NA
AMD A12-9800	5521	750	37.25	\$148.24
AMD A12-9800E	5083	815	39.11	\$129.99
AMD Athlon64 X2 Dual Core 4600+	1108	2136	NA	NA
AMD Athlon 4	279	2733	11.68	\$23.95
AMD Athlon 64 2000+	116	2867	NA	NA
AMD Athlon 64 2200+	575	2425	NA	NA
AMD Athlon 64 2600+	374	2607	NA	NA
AMD Athlon 64 2800+	438	2536	4.38	\$99.99*
AMD Athlon 64 3000+	464	2505	6.19	\$74.95*
AMD Athlon 64 3200+	492	2474	3.28	\$149.95*
AMD Athlon 64 3300+	576	2424	NA	NA
AMD Athlon 64 3400+	545	2436	NA	NA
AMD Athlon 64 3500+	540	2442	4.97	\$108.95*
AMD Athlon 64 3600+	601	2409	NA	NA
AMD Athlon 64 3700+	598	2411	8.67	\$69.00*
AMD Athlon 64 3800+	589	2414	3.28	\$179.95*
AMD Athlon 64 4000+	608	2404	3.32	\$183.27
AMD Athlon 64 FX-25	794	2318	NA	NA
AMD Athlon 64 FX-34	380	2599	NA	NA
AMD Athlon 64 FX-51	437	2537	NA	NA
AMD Athlon 64 FX-53	646	2385	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2349	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2345	NA	NA
AMD Athlon 64 FX-59	715	2352	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2039	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1896	NA	NA
AMD Athlon 64 FX-72	1794	1775	NA	NA
AMD Athlon 64 FX-74	1495	1934	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2232	NA	NA
AMD Athlon 64 X2 4200+	1285	2036	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2205	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2226	16.05	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	999	2199	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1043	2173	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1097	2141	6.86	\$159.95
AMD Athlon 64 X2 Dual Core 4400+	1146	2120	19.11	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1219	2073	3.39	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1253	2054	2.73	\$459.95*
AMD Athlon 64 X2 Dual Core 5000+	1314	2014	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	1979	9.87	\$139.95
AMD Athlon 64 X2 Dual Core 5400+	1448	1950	27.34	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1486	1937	10.62	\$139.95
AMD Athlon 64 X2 Dual Core 5800+	1516	1921	60.68	\$24.99*
	Passmark CPU	Rank	CPU Value	Price

CPU Name	Mark (higher is better)	(lower is better)	(higher is better)	(USD)
AMD Athlon 64 X2 Dual Core 6000+	1603	1882	34.90	\$45.95
AMD Athlon 64 X2 Dual Core 6400+	1791	1777	6.89	\$259.95*
AMD Athlon 64 X2 Dual Core BE-230	1095	2145	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2154	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2171	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2297	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2298	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2220	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2276	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2307	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2278	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	925	2253	NA	NA
AMD Athlon 64 X2 QL-60	921	2258	NA	NA
AMD Athlon 64 X2 QL-62	1005	2194	NA	NA
AMD Athlon 64 X2 QL-64	992	2209	NA	NA
AMD Athlon 64 X2 QL-65	1050	2169	NA	NA
AMD Athlon 64 X2 QL-66	947	2240	NA	NA
AMD Athlon 64 X2 QL-67	1006	2193	NA	NA
AMD Athlon 64 X2 TK-55	955	2233	NA	NA
AMD Athlon 64 X2 TK-57	988	2211	NA	NA
AMD Athlon 200GE	4937	851	79.56	\$62.06
AMD Athlon 220GE	5252	791	75.05	\$69.99
AMD Athlon 240GE	5411	765	91.05	\$59.44
AMD Athlon 1500+	294	2706	NA	NA
AMD Athlon 1640B	670	2375	13.42	\$50.00*
AMD Athlon 2000+	390	2595	NA	NA
AMD Athlon 2100+	412	2558	NA	NA
AMD Athlon 2200+	363	2625	4.55	\$79.99*
AMD Athlon 2400+	462	2508	NA	NA
AMD Athlon 2500+	374	2605	2.04	\$183.99*
AMD Athlon 2600+	444	2527	4.23	\$104.95*
AMD Athlon 2650e	409	2562	21.56	\$19.00*
AMD Athlon 2800+	447	2524	3.20	\$139.95*
AMD Athlon 2850e	506	2467	NA	NA
AMD Athlon 3100+	485	2485	NA	NA
AMD Athlon 3200+	458	2512	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	2028	10.78	\$119.95
AMD Athlon 5150 APU	2106	1633	13.17	\$159.95
AMD Athlon 5200 Dual-Core	1266	2049	42.23	\$29.99*
AMD Athlon 5350 APU	2607	1435	7.70	\$338.46*
AMD Athlon 5370 APU	2912	1336	45.73	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1951	NA	NA
AMD Athlon 7550 Dual-Core	1469	1942	24.49	\$60.00
AMD Athlon 7750 Dual-Core	1571	1897	8.60	\$182.73
AMD Athlon 7850 Dual-Core	1713	1815	8.17	\$209.65*

AMD Athlon 7850 Dual-Core 2.8G	288	2716	NA	NA
AMD Athlon Dual Core 4050e	1086	2150	NA	NA
AMD Athlon Dual Core 4450B	1166	2106	37.63	\$31.00*
AMD Athlon Dual Core 4450e	1107	2138	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 4850B	1391	1972	NA	NA
AMD Athlon Dual Core 4850e	1313	2015	33.67	\$39.00*
AMD Athlon Dual Core 5000B	1304	2019	13.74	\$95.00*
AMD Athlon Dual Core 5050e	1343	2001	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1316	2013	NA	NA
AMD Athlon Dual Core 5400B	1420	1964	NA	NA
AMD Athlon Dual Core 5600B	1304	2020	NA	NA
AMD Athlon II 160u	560	2431	18.68	\$29.99*
AMD Athlon II 170u	625	2396	20.89	\$29.95*
AMD Athlon II Dual-Core M300	1112	2131	NA	NA
AMD Athlon II Dual-Core M320	1141	2122	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2167	NA	NA
AMD Athlon II N330 Dual-Core	1154	2113	NA	NA
AMD Athlon II N350 Dual-Core	1249	2059	NA	NA
AMD Athlon II N370 Dual-Core	1559	1901	NA	NA
AMD Athlon II Neo K125	473	2497	NA	NA
AMD Athlon II Neo K145	525	2450	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2325	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2288	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2320	NA	NA
AMD Athlon II P320 Dual-Core	1217	2074	40.66	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2058	27.82	\$44.95*
AMD Athlon II P360 Dual-Core	1318	2012	54.93	\$24.00*
AMD Athlon II X2 210e	1486	1936	NA	NA
AMD Athlon II X2 215	1569	1899	130.89	\$11.99*
AMD Athlon II X2 220	1632	1868	50.70	\$32.19
AMD Athlon II X2 225	1526	1912	NA	NA
AMD Athlon II X2 235e	1656	1854	9.11	\$181.88*
AMD Athlon II X2 240	1642	1859	46.99	\$34.95
AMD Athlon II X2 240e	1695	1830	48.52	\$34.95*
AMD Athlon II X2 245	1661	1852	47.54	\$34.95
AMD Athlon II X2 245e	1709	1819	21.37	\$80.00*
AMD Athlon II X2 250	1742	1797	44.73	\$38.95
AMD Athlon II X2 250e	1939	1703	25.28	\$76.73*
AMD Athlon II X2 250u	1000	2198	28.64	\$34.95
AMD Athlon II X2 255	1841	1757	28.23	\$65.22*
AMD Athlon II X2 260	1874	1739	93.76	\$19.99*
AMD Athlon II X2 260u	1107	2137	13.28	\$83.44*
AMD Athlon II X2 265	1890	1732	22.81	\$82.88*
AMD Athlon II X2 270	1978	1685	82.48	\$23.99*
AMD Athlon II X2 270u	1350	1997	19.96	\$67.67*

AMD Athlon II X2 280	2129	1620	21.30	\$99.99*
AMD Athlon II X2 4300e	1350	1996	NA	NA
AMD Athlon II X2 4400e	1632	1867	NA	NA
AMD Athlon II X2 4450e	1504	1927	NA	NA
AMD Athlon II X2 B22	1711	1816	41.05	\$41.69*
AMD Athlon II X2 B24	1776	1781	44.48	\$39.95
AMD Athlon II X2 B26	1904	1720	54.50	\$34.95*
AMD Athlon II X2 B28	2085	1643	42.52	\$49.05*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 400e	2009	1672	18.70	\$107.43*
AMD Athlon II X3 405e	2000	1673	25.00	\$79.99*
AMD Athlon II X3 415e	2247	1576	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1555	19.68	\$116.15*
AMD Athlon II X3 425	2318	1540	85.90	\$26.99*
AMD Athlon II X3 425e	2239	1581	NA	NA
AMD Athlon II X3 435	2472	1488	82.44	\$29.99*
AMD Athlon II X3 440	2566	1452	95.10	\$26.99*
AMD Athlon II X3 445	2572	1449	28.26	\$91.00*
AMD Athlon II X3 450	2621	1429	68.98	\$38.01
AMD Athlon II X3 455	2767	1385	70.98	\$38.99*
AMD Athlon II X3 460	2863	1355	73.45	\$38.99*
AMD Athlon II X4 553	3814	1075	NA	NA
AMD Athlon II X4 555	3830	1070	NA	NA
AMD Athlon II X4 559	4135	1009	NA	NA
AMD Athlon II X4 600e	2453	1494	18.84	\$130.23*
AMD Athlon II X4 605e	2738	1399	26.90	\$101.80*
AMD Athlon II X4 610e	2790	1378	39.87	\$69.99*
AMD Athlon II X4 615e	2901	1347	49.17	\$59.00*
AMD Athlon II X4 620	2934	1328	41.93	\$69.99*
AMD Athlon II X4 620e	2906	1344	NA	NA
AMD Athlon II X4 630	3132	1262	49.76	\$62.95
AMD Athlon II X4 631 Quad-Core	3153	1258	39.42	\$80.00*
AMD Athlon II X4 635	3235	1225	46.25	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1235	120.73	\$26.49*
AMD Athlon II X4 640	3314	1204	41.45	\$79.95
AMD Athlon II X4 641 Quad-Core	3345	1196	36.56	\$91.50*
AMD Athlon II X4 645	3469	1162	43.39	\$79.95
AMD Athlon II X4 650	3482	1160	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	1134	20.09	\$178.04*
AMD Athlon II X4 655	2998	1307	NA	NA
AMD Athlon II X4 6400e	2594	1438	NA	NA
AMD Athlon L110	303	2686	NA	NA
AMD Athlon LE-1600	557	2432	26.57	\$21.00*
AMD Athlon LE-1620	578	2422	32.12	\$18.00*
AMD Athlon LE-1640	627	2395	NA	NA
AMD Athlon LE-1660	679	2372	NA	NA

AMD Athlon MP	230	2787	4.20	\$54.95*
AMD Athlon MP 1700+	339	2648	NA	NA
AMD Athlon MP 2400+	436	2538	NA	NA
AMD Athlon MP 2800+	497	2472	NA	NA
AMD Athlon Neo MV-40	410	2560	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2196	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2324	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2302	NA	NA
AMD Athlon PRO 200GE	5204	796	NA	NA
AMD Athlon QI-46	473	2496	NA	NA
AMD Athlon TF-20	413	2557	NA	NA
AMD Athlon TF-36	395	2585	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 215	1543	1906	NA	NA
AMD Athlon X2 235e	1806	1771	NA	NA
AMD Athlon X2 240	1602	1883	NA	NA
AMD Athlon X2 240e	1670	1843	NA	NA
AMD Athlon X2 250	1696	1829	NA	NA
AMD Athlon X2 255	1627	1872	NA	NA
AMD Athlon X2 280	2303	1548	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1911	1719	38.23	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1575	NA	NA
AMD Athlon X2 440	1424	1961	NA	NA
AMD Athlon X2 Dual Core 3250e	783	2323	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2200	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2259	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2134	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2075	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2056	NA	NA
AMD Athlon X2 Dual Core L310	644	2387	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2191	NA	NA
AMD Athlon X3 425	2191	1599	NA	NA
AMD Athlon X3 435	2574	1447	26.96	\$95.49*
AMD Athlon X3 440	2078	1645	23.62	\$87.99*
AMD Athlon X3 445	2314	1542	NA	NA
AMD Athlon X3 450	3064	1285	38.80	\$78.99*
AMD Athlon X3 455	2401	1512	NA	NA
AMD Athlon X4 605e	2505	1476	NA	NA
AMD Athlon X4 620	2861	1356	47.74	\$59.95
AMD Athlon X4 635	2891	1350	23.71	\$121.99*
AMD Athlon X4 640	3172	1245	NA	NA
AMD Athlon X4 740 Quad Core	4014	1028	14.49	\$277.00*
AMD Athlon X4 750 Quad Core	4551	923	NA	NA
AMD Athlon X4 750K Quad Core	4253	984	55.25	\$76.99*
AMD Athlon X4 760K Quad Core	4593	916	109.41	\$41.98*

AMD Athlon X4 830	4701	892	NA	NA
AMD Athlon X4 840	5046	828	64.09	\$78.74*
AMD Athlon X4 845	5398	769	101.60	\$53.13*
AMD Athlon X4 860K	5416	763	40.14	\$134.95
AMD Athlon X4 870K	5288	786	66.12	\$79.99*
AMD Athlon X4 880K	5545	745	55.46	\$99.99*
AMD Athlon X4 950	5249	792	81.68	\$64.27
AMD Athlon XP1600+	281	2728	NA	NA
AMD Athlon XP1900+	353	2634	NA	NA
AMD Athlon XP2100+	287	2718	NA	NA
AMD Athlon XP2200+	401	2576	NA	NA
AMD Athlon XP2400+	374	2606	NA	NA
AMD Athlon XP 1500	282	2727	NA	NA
AMD Athlon XP 1500+	257	2758	NA	NA
AMD Athlon XP 1600+	267	2748	NA	NA
AMD Athlon XP 1700	344	2644	NA	NA
AMD Athlon XP 1700+	271	2744	4.43	\$61.25*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 1800+	300	2693	5.10	\$58.95*
AMD Athlon XP 1900+	312	2677	NA	NA
AMD Athlon XP 2000+	299	2694	12.00	\$24.99*
AMD Athlon XP 2100+	323	2660	NA	NA
AMD Athlon XP 2200+	328	2659	3.87	\$84.95*
AMD Athlon XP 2300+	464	2504	NA	NA
AMD Athlon XP 2400+	360	2627	4.01	\$89.99*
AMD Athlon XP 2500+	355	2631	NA	NA
AMD Athlon XP 2600+	372	2611	16.18	\$23.03*
AMD Athlon XP 2700+	393	2588	4.64	\$84.79*
AMD Athlon XP 2800+	400	2578	NA	NA
AMD Athlon XP 2900+	424	2552	NA	NA
AMD Athlon XP 3000+	402	2573	5.06	\$79.70*
AMD Athlon XP 3100+	433	2542	NA	NA
AMD Athlon XP 3200+	431	2544	NA	NA
AMD Athlon XP 3400+	570	2428	NA	NA
AMD Athlon XP Pro3+	367	2619	NA	NA
AMD Athlon XP-M	541	2441	15.48	\$34.95*
AMD C-30	310	2679	NA	NA
AMD C-50	462	2507	NA	NA
AMD C-60	466	2501	NA	NA
AMD C-60 APU	542	2438	NA	NA
AMD C-70 APU	556	2433	NA	NA
AMD E1 Micro-6200T APU	960	2229	NA	NA
AMD E1-1200 APU	655	2383	NA	NA
AMD E1-1500 APU	688	2366	NA	NA
AMD E1-2100 APU	641	2390	NA	NA
AMD E1-2200 APU	767	2327	NA	NA

AMD E1-2500 APU	889	2275	NA	NA
AMD E1-6010 APU	863	2282	NA	NA
AMD E1-6015 APU	899	2271	NA	NA
AMD E1-7010 APU	1002	2197	NA	NA
AMD E2-1800 APU	816	2306	NA	NA
AMD E2-2000 APU	825	2303	NA	NA
AMD E2-3000 APU	1105	2140	NA	NA
AMD E2-3000M APU	1096	2143	54.84	\$20.00*
AMD E2-3200 APU	1386	1974	173.59	\$7.99*
AMD E2-3800 APU	1643	1858	NA	NA
AMD E2-6110 APU	1915	1716	NA	NA
AMD E2-7110 APU	2283	1556	NA	NA
AMD E2-9000	1641	1860	NA	NA
AMD E2-9000e	1353	1994	NA	NA
AMD E2-9010	1705	1821	NA	NA
AMD E2-9030	1515	1922	NA	NA
AMD E-240	319	2666	NA	NA
AMD E-300 APU	610	2403	NA	NA
AMD E-350	746	2340	NA	NA
AMD E-350 APU	757	2334	NA	NA
AMD E-350D APU	726	2347	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E-450 APU	766	2328	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1786	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1640	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2508	1474	NA	NA
AMD Embedded R-Series RX-216GD	2409	1508	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	819	NA	NA
AMD Embedded R-Series RX-421BD	4635	906	NA	NA
AMD EPYC 3201	9634	348	NA	NA
AMD EPYC 7251 8-Core	11811	235	23.07	\$512.00
AMD EPYC 7301	14978	144	17.28	\$866.80
AMD EPYC 7351	18081	81	14.80	\$1,221.99
AMD EPYC 7351P	14887	146	17.25	\$862.88
AMD EPYC 7371	22071	33	NA	NA
AMD EPYC 7401P	19555	65	18.19	\$1,075.00
AMD EPYC 7501	18942	71	5.32	\$3,559.56
AMD EPYC 7551	18483	76	5.19	\$3,559.56
AMD EPYC 7551P	18406	77	7.94	\$2,317.99
AMD FirePro A320 APU	4540	929	NA	NA
AMD FX-670K Quad-Core	4550	924	NA	NA
AMD FX-770K Quad-Core	4803	877	NA	NA

AMD FX-870K Quad Core	5021	834	NA	NA
AMD FX-4100 Quad-Core	4070	1020	31.32	\$129.99*
AMD FX-4130 Quad-Core	4163	1002	54.79	\$75.99*
AMD FX-4150 Quad-Core	4594	915	NA	NA
AMD FX-4170 Quad-Core	4869	863	48.70	\$99.99*
AMD FX-4200 Quad-Core	4235	987	18.56	\$228.21*
AMD FX-4300 Quad-Core	4693	894	52.39	\$89.59
AMD FX-4320	5014	837	NA	NA
AMD FX-4330	5321	785	NA	NA
AMD FX-4350 Quad-Core	5340	780	12.42	\$430.00
AMD FX-6100 Six-Core	5389	770	21.30	\$253.00
AMD FX-6120 Six-Core	5733	723	NA	NA
AMD FX-6130 Six-Core	6215	671	NA	NA
AMD FX-6200 Six-Core	6120	684	18.01	\$339.95
AMD FX-6300 Six-Core	6387	656	93.27	\$68.49
AMD FX-6330 Six-Core	6916	605	NA	NA
AMD FX-6350 Six-Core	7001	594	55.78	\$125.52
AMD FX-7500 APU	3212	1232	NA	NA
AMD FX-7600P	4049	1022	NA	NA
AMD FX-7600P APU	4627	908	NA	NA
AMD FX-8100 Eight-Core	6008	694	42.31	\$142.00*
AMD FX-8120 Eight-Core	6600	637	66.01	\$99.99*
AMD FX-8140 Eight-Core	6133	680	NA	NA
AMD FX-8150 Eight-Core	7632	537	5.28	\$1,444.68
AMD FX-8300 Eight-Core	7717	526	48.24	\$159.98
AMD FX-8310 Eight-Core	7723	524	NA	NA
AMD FX-8320 Eight-Core	8016	498	53.80	\$149.00
AMD FX-8320E Eight-Core	7549	541	76.27	\$98.99
AMD FX-8350 Eight-Core	8950	416	162.77	\$54.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8370 Eight-Core	9036	403	62.76	\$143.99
AMD FX-8370E Eight-Core	7808	516	26.25	\$297.51
AMD FX-8800P	4147	1006	NA	NA
AMD FX-9370 Eight-Core	9447	367	26.03	\$362.99
AMD FX-9590 Eight-Core	10191	295	68.17	\$149.50
AMD FX-9800P	3981	1037	NA	NA
AMD FX-9830P	4772	883	NA	NA
AMD FX-B4150 Quad-Core	4611	912	NA	NA
AMD G-T40E	467	2500	NA	NA
AMD G-T40N	516	2459	NA	NA
AMD G-T40R	203	2814	NA	NA
AMD G-T44R	229	2788	NA	NA
AMD G-T48E	667	2377	NA	NA
AMD G-T52R	308	2681	NA	NA
AMD G-T56E	751	2336	NA	NA

AMD G-T56N	794	2319	NA	NA
AMD Geode NX	264	2751	NA	NA
AMD Geode NX 1750	291	2707	NA	NA
AMD GX-210JA SOC	401	2577	NA	NA
AMD GX-212JC SOC	744	2341	NA	NA
AMD GX-217GA SOC	1107	2139	NA	NA
AMD GX-218GL SOC	1115	2127	NA	NA
AMD GX-222GC SOC	1255	2053	NA	NA
AMD GX-412HC	1497	1933	NA	NA
AMD GX-415GA SOC	1944	1701	NA	NA
AMD GX-420CA SOC	2412	1506	NA	NA
AMD GX-424CC SOC	2491	1481	NA	NA
AMD K7	403	2571	NA	NA
AMD Opteron 140	396	2583	0.56	\$710.00*
AMD Opteron 142	428	2548	NA	NA
AMD Opteron 144	486	2482	7.48	\$65.00*
AMD Opteron 146	532	2446	8.87	\$59.99*
AMD Opteron 148	603	2408	NA	NA
AMD Opteron 150	604	2406	NA	NA
AMD Opteron 152	658	2379	NA	NA
AMD Opteron 154	703	2361	NA	NA
AMD Opteron 165	899	2272	1.47	\$610.00*
AMD Opteron 170	1097	2142	NA	NA
AMD Opteron 175	1167	2105	NA	NA
AMD Opteron 180	1233	2066	9.49	\$129.95*
AMD Opteron 185	1342	2002	NA	NA
AMD Opteron 246	632	2394	31.62	\$19.99*
AMD Opteron 248	476	2494	4.77	\$99.95
AMD Opteron 250	649	2384	59.01	\$11.00*
AMD Opteron 252	760	2332	12.00	\$63.36*
AMD Opteron 254	693	2364	NA	NA
AMD Opteron 256	963	2224	50.72	\$19.00*
AMD Opteron 265	963	2225	13.20	\$73.00
AMD Opteron 270	1170	2102	1.93	\$607.47*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 275	1291	2030	19.87	\$64.99
AMD Opteron 280	1176	2095	1.48	\$796.67*
AMD Opteron 285	1470	1941	NA	NA
AMD Opteron 290	1464	1944	10.85	\$135.00*
AMD Opteron 1210	923	2255	NA	NA
AMD Opteron 1210 HE	971	2219	NA	NA
AMD Opteron 1212	1009	2192	3.48	\$290.00*
AMD Opteron 1212 HE	1308	2017	NA	NA
AMD Opteron 1214	1191	2089	4.11	\$290.00*
AMD Opteron 1214 HE	1299	2022	NA	NA
AMD Opteron 1216	1311	2016	23.91	\$54.85*

AMD Opteron 1216 HE	1172	2100	NA	NA
AMD Opteron 1218	1468	1943	NA	NA
AMD Opteron 1218 HE	1444	1952	NA	NA
AMD Opteron 1220	1653	1856	NA	NA
AMD Opteron 1222	1757	1788	NA	NA
AMD Opteron 1352	2316	1541	17.04	\$135.99*
AMD Opteron 1354	2630	1427	19.49	\$135.00*
AMD Opteron 1356	2765	1387	30.73	\$89.99*
AMD Opteron 1381	3065	1284	NA	NA
AMD Opteron 2212	1270	2045	63.53	\$20.00*
AMD Opteron 2214	1358	1993	46.85	\$29.00*
AMD Opteron 2214 HE	1415	1966	NA	NA
AMD Opteron 2216	1518	1920	61.21	\$24.80
AMD Opteron 2218	1594	1889	49.18	\$32.42*
AMD Opteron 2220	1701	1825	2.24	\$758.84*
AMD Opteron 2220 SE	1398	1970	55.92	\$25.00*
AMD Opteron 2222	1843	1754	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1713	NA	NA
AMD Opteron 2350	2820	1368	10.45	\$269.99*
AMD Opteron 2356	2814	1370	54.12	\$52.00*
AMD Opteron 2373 EE	2789	1379	NA	NA
AMD Opteron 2374 HE	2951	1320	15.53	\$189.99*
AMD Opteron 2376	2283	1557	13.69	\$166.81*
AMD Opteron 2378	3179	1242	17.76	\$179.00*
AMD Opteron 2380	2640	1424	58.69	\$45.00
AMD Opteron 2384	3538	1145	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1146	NA	NA
AMD Opteron 2393 SE	2246	1577	NA	NA
AMD Opteron 2427	3069	1282	31.00	\$99.00
AMD Opteron 2431	4516	934	112.91	\$40.00
AMD Opteron 2435	4708	891	24.91	\$189.00
AMD Opteron 3250 HE	2942	1324	29.73	\$99.00*
AMD Opteron 3260 HE	3259	1216	NA	NA
AMD Opteron 3280	5403	767	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1415	NA	NA
AMD Opteron 3350 HE	4009	1029	NA	NA
AMD Opteron 3365	5963	697	NA	NA
AMD Opteron 3380	6384	657	7.89	\$809.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4122	2942	1325	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1250	NA	NA
AMD Opteron 4170 HE	3664	1114	62.11	\$59.00*
AMD Opteron 4184	4418	954	8.50	\$519.95*
AMD Opteron 4280	6430	648	128.60	\$50.00
AMD Opteron 4284	6660	631	111.03	\$59.99*

AMD Opteron 4332 HE	5614	738	NA	NA
AMD Opteron 4334	6099	687	28.18	\$216.42*
AMD Opteron 4365 EE	5025	833	NA	NA
AMD Opteron 4386	6761	619	48.30	\$139.99*
AMD Opteron 6128	4505	935	225.37	\$19.99
AMD Opteron 6134	2938	1326	66.81	\$43.99
AMD Opteron 6136	4631	907	42.10	\$110.00*
AMD Opteron 6164 HE	5351	778	NA	NA
AMD Opteron 6172	5261	789	26.57	\$198.00
AMD Opteron 6174	6171	676	62.34	\$99.00
AMD Opteron 6176 SE	5465	759	34.37	\$159.00*
AMD Opteron 6212	5776	718	192.62	\$29.99*
AMD Opteron 6220	6785	615	113.11	\$59.99*
AMD Opteron 6234	5938	701	198.27	\$29.95*
AMD Opteron 6238	7673	532	21.32	\$359.89*
AMD Opteron 6272	6748	621	21.77	\$309.95
AMD Opteron 6274	4865	865	105.80	\$45.99
AMD Opteron 6276	8889	422	52.60	\$169.00
AMD Opteron 6282 SE	9116	396	70.13	\$129.99*
AMD Opteron 6287 SE	9789	333	NA	NA
AMD Opteron 6328	7813	515	21.76	\$359.00
AMD Opteron 6366 HE	7503	545	37.52	\$199.99*
AMD Opteron 6376	9212	386	141.72	\$65.00
AMD Opteron 6378	9094	397	22.79	\$399.00
AMD Opteron 6380	10081	306	170.88	\$59.00
AMD Opteron 6386 SE	10912	259	72.75	\$149.99*
AMD Opteron 8354	2255	1573	93.98	\$24.00
AMD Opteron 8439 SE	3813	1076	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1286	NA	NA
AMD Opteron X3216 APU	2366	1527	NA	NA
AMD Opteron X3418 APU	4659	899	NA	NA
AMD Opteron X3421 APU	4928	854	NA	NA
AMD Phenom 2 X4 12000	3005	1305	NA	NA
AMD Phenom 7950 Quad-Core	2991	1308	NA	NA
AMD Phenom 8250 Triple-Core	1668	1845	NA	NA
AMD Phenom 8250e Triple-Core	1619	1875	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1866	NA	NA
AMD Phenom 8450 Triple-Core	1889	1735	63.08	\$29.95*
AMD Phenom 8450e Triple-Core	2026	1663	NA	NA
AMD Phenom 8600 Triple-Core	1673	1842	31.57	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1710	36.33	\$52.99*
AMD Phenom 8650 Triple-Core	1989	1679	39.79	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1654	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8750B Triple-Core	2034	1660	NA	NA
AMD Phenom 8850 Triple-Core	1968	1690	NA	NA

AMD Phenom 8850B Triple-Core	2080	1644	NA	NA
AMD Phenom 9100e Quad-Core	1831	1762	45.85	\$39.95*
AMD Phenom 9150e Quad-Core	2113	1629	52.91	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1538	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1436	24.76	\$105.00*
AMD Phenom 9500 Quad-Core	2203	1594	76.02	\$28.99*
AMD Phenom 9550 Quad-Core	2543	1461	87.74	\$28.99*
AMD Phenom 9600 Quad-Core	2306	1547	46.18	\$49.95*
AMD Phenom 9600B Quad-Core	2573	1448	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2636	1425	47.97	\$54.95*
AMD Phenom 9750 Quad-Core	2810	1373	95.31	\$29.49*
AMD Phenom 9750B Quad-Core	2709	1406	NA	NA
AMD Phenom 9850 Quad-Core	2892	1349	24.11	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1254	NA	NA
AMD Phenom 9950 Quad-Core	3010	1300	22.30	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1471	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1323	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1121	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1157	NA	NA
AMD Phenom II N620 Dual-Core	1683	1834	421.84	\$3.99*
AMD Phenom II N640 Dual-Core	1718	1811	26.46	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1750	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1420	NA	NA
AMD Phenom II N830 Triple-Core	1890	1733	NA	NA
AMD Phenom II N850 Triple-Core	1937	1704	77.51	\$25.00*
AMD Phenom II N870 Triple-Core	1993	1676	NA	NA
AMD Phenom II N930 Quad-Core	2274	1562	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1485	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2523	1467	16.83	\$149.99*
AMD Phenom II P650 Dual-Core	1597	1887	45.66	\$35.00*
AMD Phenom II P820 Triple-Core	1602	1884	NA	NA
AMD Phenom II P840 Triple-Core	1722	1807	NA	NA
AMD Phenom II P860 Triple-Core	1756	1790	NA	NA
AMD Phenom II P920 Quad-Core	1866	1743	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1768	NA	NA
AMD Phenom II P960 Quad-Core	2085	1641	74.48	\$28.00*
AMD Phenom II X2 511	2104	1634	NA	NA
AMD Phenom II X2 521	2071	1647	NA	NA
AMD Phenom II X2 545	1916	1715	43.57	\$43.98*
AMD Phenom II X2 550	2021	1665	40.44	\$49.99*
AMD Phenom II X2 555	2045	1657	73.10	\$27.98*
AMD Phenom II X2 560	2061	1651	31.71	\$64.99*
AMD Phenom II X2 565	2222	1588	74.12	\$29.99*
AMD Phenom II X2 570	2068	1649	NA	NA
AMD Phenom II X2 B53	1709	1818	NA	NA
AMD Phenom II X2 B55	1921	1712	40.02	\$48.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X2 B57	1826	1766	NA	NA
AMD Phenom II X2 B59	2118	1626	108.77	\$19.48*
AMD Phenom II X3 700e	2242	1579	NA	NA
AMD Phenom II X3 705e	2227	1586	14.63	\$152.34*
AMD Phenom II X3 710	2446	1495	28.95	\$84.53*
AMD Phenom II X3 715	2649	1423	31.17	\$84.99*
AMD Phenom II X3 720	2669	1416	38.14	\$69.99*
AMD Phenom II X3 740	2985	1309	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1401	36.47	\$75.00*
AMD Phenom II X3 B75	2906	1341	72.69	\$39.99*
AMD Phenom II X3 B77	3067	1283	137.64	\$22.29*
AMD Phenom II X4 805	2998	1306	17.23	\$173.99*
AMD Phenom II X4 810	3122	1266	26.92	\$115.99*
AMD Phenom II X4 820	3396	1180	45.31	\$74.95*
AMD Phenom II X4 830	3434	1171	42.95	\$79.95*
AMD Phenom II X4 840	3507	1154	39.00	\$89.95*
AMD Phenom II X4 840T	3598	1127	51.42	\$69.99*
AMD Phenom II X4 850	3549	1141	54.62	\$64.99*
AMD Phenom II X4 900e	2882	1353	NA	NA
AMD Phenom II X4 905e	3078	1280	57.02	\$53.99*
AMD Phenom II X4 910	3252	1220	32.52	\$100.00*
AMD Phenom II X4 910e	3254	1219	20.73	\$156.99*
AMD Phenom II X4 920	3393	1183	42.42	\$79.99
AMD Phenom II X4 925	3418	1174	77.70	\$43.99*
AMD Phenom II X4 940	3591	1129	60.52	\$59.34*
AMD Phenom II X4 945	3654	1117	53.66	\$68.11
AMD Phenom II X4 955	3924	1052	30.15	\$130.16*
AMD Phenom II X4 960T	3781	1083	59.10	\$63.99*
AMD Phenom II X4 965	4182	1000	49.75	\$84.07
AMD Phenom II X4 970	4320	973	29.17	\$148.11*
AMD Phenom II X4 973	3759	1090	NA	NA
AMD Phenom II X4 975	4455	943	31.90	\$139.69*
AMD Phenom II X4 977	3750	1094	NA	NA
AMD Phenom II X4 980	4493	939	19.54	\$229.99*
AMD Phenom II X4 8700e	2377	1522	NA	NA
AMD Phenom II X4 B05e	2792	1377	NA	NA
AMD Phenom II X4 B15e	2736	1400	NA	NA
AMD Phenom II X4 B25	3297	1209	NA	NA
AMD Phenom II X4 B35	3383	1186	NA	NA
AMD Phenom II X4 B40	3361	1191	NA	NA
AMD Phenom II X4 B45	3468	1163	NA	NA
AMD Phenom II X4 B50	3699	1106	NA	NA
AMD Phenom II X4 B55	3855	1062	NA	NA
AMD Phenom II X4 B60	4043	1023	NA	NA
AMD Phenom II X4 B65	4172	1001	NA	NA

AMD Phenom II X4 B70	4261	983	NA	NA
AMD Phenom II X4 B93	3356	1194	NA	NA
AMD Phenom II X4 B95	3684	1112	50.51	\$72.95*
AMD Phenom II X4 B97	3865	1060	67.82	\$56.99*
AMD Phenom II X4 B99	4130	1010	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1035T	4643	901	24.57	\$189.00*
AMD Phenom II X6 1045T	4797	881	44.42	\$108.01*
AMD Phenom II X6 1055T	4958	849	61.80	\$80.24*
AMD Phenom II X6 1065T	5041	831	NA	NA
AMD Phenom II X6 1075T	5328	782	47.16	\$112.99*
AMD Phenom II X6 1090T	5564	743	14.05	\$396.08*
AMD Phenom II X6 1100T	5709	724	32.17	\$177.49*
AMD Phenom II X6 1405T	5042	830	NA	NA
AMD Phenom II X620 Dual-Core	2189	1600	NA	NA
AMD Phenom II X640 Dual-Core	2021	1666	NA	NA
AMD Phenom II X920 Quad-Core	2650	1422	NA	NA
AMD Phenom II X940 Quad-Core	2695	1409	NA	NA
AMD Phenom Ultra X4 24500	3945	1048	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1827	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1593	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1793	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2094	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1955	NA	NA
AMD Phenom X3 8550	1927	1708	11.34	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1787	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1675	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1583	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1348	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1405	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1411	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2077	NA	NA
AMD PRO A4-3350B APU	2274	1563	NA	NA
AMD PRO A4-8350B	2776	1383	NA	NA
AMD PRO A6-7350B	2759	1391	NA	NA
AMD PRO A6-8500B	2516	1472	NA	NA
AMD PRO A6-8530B	2388	1516	NA	NA
AMD PRO A6-8550B	2970	1316	NA	NA
AMD PRO A6-8570	3049	1292	NA	NA
AMD PRO A6-8570E	2824	1366	NA	NA
AMD PRO A6-9500	2950	1321	39.88	\$74.00*
AMD PRO A6-9500B	2076	1646	NA	NA
AMD PRO A6-9500E	2760	1390	37.30	\$74.00*
AMD PRO A8-8600B	3520	1150	NA	NA
AMD PRO A8-8650B	5266	788	NA	NA
AMD PRO A8-8670E	5015	835	NA	NA

AMD PRO A8-9600	5277	787	44.35	\$119.00*
AMD PRO A8-9600B	3964	1042	NA	NA
AMD PRO A10-8700B	3553	1140	NA	NA
AMD PRO A10-8730B	3971	1039	NA	NA
AMD PRO A10-8750B	5473	753	NA	NA
AMD PRO A10-8770	5707	725	NA	NA
AMD PRO A10-8770E	5035	832	NA	NA
AMD PRO A10-8850B	5852	709	NA	NA
AMD PRO A10-9700	5677	730	33.59	\$169.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A10-9700B	4380	959	NA	NA
AMD PRO A10-9700E	5066	822	36.45	\$139.00*
AMD PRO A12-8800B	4119	1013	NA	NA
AMD PRO A12-8830B	4315	976	NA	NA
AMD PRO A12-8870	6067	690	NA	NA
AMD PRO A12-8870E	5186	802	NA	NA
AMD PRO A12-9800	6132	681	36.29	\$169.00*
AMD PRO A12-9800B	4124	1012	NA	NA
AMD PRO A12-9800E	4769	884	28.22	\$169.00*
AMD QC-4000	1663	1851	NA	NA
AMD R-260H APU	1576	1895	NA	NA
AMD R-460L APU	1954	1695	NA	NA
AMD R-464L APU	3117	1268	NA	NA
AMD RX-427BB	4351	966	NA	NA
AMD Ryzen 3 1200	6729	624	103.55	\$64.99
AMD Ryzen 3 1300X	7504	544	78.55	\$95.54
AMD Ryzen 3 2200G	7306	571	85.97	\$84.99
AMD Ryzen 3 2200GE	6778	616	NA	NA
AMD Ryzen 3 2200U	4574	919	NA	NA
AMD Ryzen 3 2300U	6151	678	NA	NA
AMD Ryzen 3 2300X	8512	450	NA	NA
AMD Ryzen 3 3200U	4970	845	NA	NA
AMD Ryzen 3 PRO 1200	7069	589	NA	NA
AMD Ryzen 3 PRO 1300	8022	496	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	811	NA	NA
AMD Ryzen 3 PRO 2200G	8042	493	NA	NA
AMD Ryzen 3 PRO 2200GE	7670	533	NA	NA
AMD Ryzen 3 PRO 2300U	7124	585	NA	NA
AMD Ryzen 3 PRO 3300U	7398	559	NA	NA
AMD Ryzen 5 1400	8364	463	57.86	\$144.58
AMD Ryzen 5 1500X	10078	307	70.77	\$142.41
AMD Ryzen 5 1600	12282	222	102.36	\$119.99
AMD Ryzen 5 1600X	13208	194	84.67	\$155.99
AMD Ryzen 5 2400G	9314	376	69.52	\$133.97
AMD Ryzen 5 2400GE	8808	428	NA	NA

AMD Ryzen 5 2500U	7357	565	NA	NA
AMD Ryzen 5 2500X	9663	347	NA	NA
AMD Ryzen 5 2600	13513	190	90.09	\$149.99
AMD Ryzen 5 2600H	7949	505	NA	NA
AMD Ryzen 5 2600X	14372	157	79.90	\$179.89
AMD Ryzen 5 3500U	8350	466	NA	NA
AMD Ryzen 5 3550H	8427	457	NA	NA
AMD Ryzen 5 3600	20134	53	NA	NA
AMD Ryzen 5 PRO 1500	10133	300	NA	NA
AMD Ryzen 5 PRO 1600	12213	224	NA	NA
AMD Ryzen 5 PRO 2400G	9987	314	NA	NA
AMD Ryzen 5 PRO 2400GE	8561	449	NA	NA
AMD Ryzen 5 PRO 2500U	8374	462	NA	NA
AMD Ryzen 5 PRO 2600	14221	162	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 1700	13771	180	51.90	\$265.36
AMD Ryzen 7 1700X	14681	149	84.40	\$173.95
AMD Ryzen 7 1800X	15420	134	71.08	\$216.95
AMD Ryzen 7 2700	15013	141	68.56	\$218.99
AMD Ryzen 7 2700U	7361	563	NA	NA
AMD Ryzen 7 2700X	16980	94	59.83	\$283.79
AMD Ryzen 7 2800H	8498	451	NA	NA
AMD Ryzen 7 3700U	7981	502	NA	NA
AMD Ryzen 7 3750H	9205	387	NA	NA
AMD Ryzen 7 PRO 1700	14171	165	NA	NA
AMD Ryzen 7 PRO 1700X	15367	137	NA	NA
AMD Ryzen 7 PRO 2700	15714	130	NA	NA
AMD Ryzen 7 PRO 2700U	8839	427	NA	NA
AMD Ryzen 7 PRO 2700X	17161	92	NA	NA
AMD Ryzen 7 PRO 3700U	7674	531	NA	NA
AMD Ryzen Embedded V1202B	4368	962	NA	NA
AMD Ryzen Embedded V1605B	7454	550	NA	NA
AMD Ryzen Embedded V1807B	8604	446	NA	NA
AMD Ryzen Threadripper 1900X	16133	117	55.64	\$289.99
AMD Ryzen Threadripper 1920X	19634	64	53.80	\$364.93
AMD Ryzen Threadripper 1950X	21847	36	43.70	\$499.99
AMD Ryzen Threadripper 2920X	22113	32	44.23	\$499.99
AMD Ryzen Threadripper 2950X	25532	15	34.04	\$749.99
AMD Ryzen Threadripper 2970WX	22029	34	17.91	\$1,229.99
AMD Ryzen Threadripper 2990WX	23240	27	14.53	\$1,599.95
AMD Ryzen Threadripper 2990X	19227	68	NA	NA
AMD Sempron 130	656	2382	26.29	\$24.99*
AMD Sempron 140	738	2343	18.65	\$39.59*
AMD Sempron 145	806	2315	8.49	\$94.92
AMD Sempron 150	707	2356	15.74	\$44.95*
AMD Sempron 200U	267	2747	3.08	\$87.00*

AMD Sempron 210U	391	2593	NA	NA
AMD Sempron 240	2110	1631	36.39	\$58.00
AMD Sempron 2100+	392	2591	NA	NA
AMD Sempron 2200+	281	2731	9.38	\$29.99*
AMD Sempron 2300+	318	2668	7.07	\$45.00*
AMD Sempron 2400+	314	2675	12.10	\$26.00*
AMD Sempron 2500+	335	2651	6.11	\$54.95*
AMD Sempron 2600+	373	2609	10.70	\$34.95
AMD Sempron 2650 APU	947	2239	17.66	\$53.68
AMD Sempron 2800+	383	2597	6.40	\$59.95
AMD Sempron 3000+	408	2564	20.41	\$20.00
AMD Sempron 3100+	452	2518	7.53	\$60.00*
AMD Sempron 3200+	406	2565	3.10	\$131.22*
AMD Sempron 3300+	484	2487	8.07	\$60.00
AMD Sempron 3400+	454	2516	3.47	\$131.22*
AMD Sempron 3500+	379	2600	18.98	\$20.00*
AMD Sempron 3600+	483	2489	40.30	\$12.00*
AMD Sempron 3800+	554	2434	3.62	\$152.92*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 3850 APU	1715	1813	21.10	\$81.33
AMD Sempron Dual Core 2100	936	2246	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2204	NA	NA
AMD Sempron Dual Core 2300	982	2212	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2238	NA	NA
AMD Sempron Dual Core 4900	1081	2155	NA	NA
AMD Sempron LE-250	490	2476	NA	NA
AMD Sempron LE-1100	438	2535	NA	NA
AMD Sempron LE-1150	444	2526	NA	NA
AMD Sempron LE-1200	528	2448	NA	NA
AMD Sempron LE-1250	541	2440	5.41	\$99.95*
AMD Sempron LE-1300	598	2410	27.22	\$22.00
AMD Sempron LE-1600	535	2445	NA	NA
AMD Sempron LE-1620	635	2392	NA	NA
AMD Sempron LE-1640	759	2333	NA	NA
AMD Sempron M100	563	2430	46.99	\$12.00*
AMD Sempron M120	582	2419	NA	NA
AMD Sempron SI-40	443	2528	36.93	\$12.00*
AMD Sempron SI-42	456	2515	15.22	\$30.01*
AMD Sempron X2 180	1222	2072	17.62	\$69.40*
AMD Sempron X2 190	1512	1925	18.12	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1967	NA	NA
AMD Turion 64 Mobile MK-36	465	2502	NA	NA
AMD Turion 64 Mobile MK-38	513	2460	NA	NA
AMD Turion 64 Mobile ML-28	390	2594	NA	NA
AMD Turion 64 Mobile ML-30	402	2574	NA	NA

AMD Turion 64 Mobile ML-32	402	2575	NA	NA
AMD Turion 64 Mobile ML-34	425	2551	NA	NA
AMD Turion 64 Mobile ML-37	442	2529	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2454	NA	NA
AMD Turion 64 Mobile ML-42	615	2401	NA	NA
AMD Turion 64 Mobile ML-44	591	2412	NA	NA
AMD Turion 64 Mobile MT-28	419	2553	NA	NA
AMD Turion 64 Mobile MT-30	378	2601	NA	NA
AMD Turion 64 Mobile MT-32	426	2550	NA	NA
AMD Turion 64 Mobile MT-34	429	2546	NA	NA
AMD Turion 64 Mobile MT-37	484	2486	NA	NA
AMD Turion 64 Mobile MT-40	536	2443	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2339	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2329	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2274	63.89	\$13.95*
AMD Turion 64 X2 Mobile TL-58	946	2241	NA	NA
AMD Turion 64 X2 Mobile TL-60	996	2203	62.48	\$15.95
AMD Turion 64 X2 Mobile TL-62	1087	2149	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1092	2147	27.72	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2121	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2107	12.92	\$90.00*
AMD Turion Dual-Core RM-70	912	2264	36.49	\$25.00*
AMD Turion Dual-Core RM-72	860	2283	22.65	\$38.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion Dual-Core RM-74	1016	2190	NA	NA
AMD Turion Dual-Core RM-75	977	2214	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1293	2027	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2018	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	2005	NA	NA
AMD Turion II N530 Dual-Core	1583	1893	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1915	NA	NA
AMD Turion II Neo K625 Dual-Core	975	2216	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2091	NA	NA
AMD Turion II Neo N40L Dual-Core	925	2254	NA	NA
AMD Turion II Neo N54L Dual-Core	1364	1987	NA	NA
AMD Turion II P520 Dual-Core	1359	1992	NA	NA
AMD Turion II P540 Dual-Core	1430	1958	28.65	\$49.95*
AMD Turion II P560 Dual-Core	1514	1924	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	1968	78.96	\$17.81*
AMD Turion II Ultra Dual-Core Mobile M620	1435	1956	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1844	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1910	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2311	NA	NA
AMD Turion X2 Dual Core L510	923	2256	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2285	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2164	NA	NA

AMD Turion X2 Dual-Core Mobile RM-70	993	2208	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2152	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2163	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1137	2123	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2115	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1017	2189	16.42	\$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2153	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2079	63.72	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2064	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	2025	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1232	2068	30.86	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2201	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2181	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1947	NA	NA
AMD V105	299	2695	NA	NA
AMD V120	623	2399	NA	NA
AMD V140	643	2389	12.89	\$49.95*
AMD V160	677	2373	NA	NA
AMD Z-01	523	2453	NA	NA
AMD Z-60 APU	500	2471	NA	NA
AMD-K6 3D	90	2871	NA	NA
AMD-K6-III	108	2868	NA	NA
AMD-K7	403	2572	NA	NA
Athlon 64 Dual Core 3800+	1234	2065	NA	NA
Athlon 64 Dual Core 4200+	1156	2111	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	1984	NA	NA
Athlon 64 Dual Core 5000+	1507	1926	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Athlon 64 Dual Core 5400+	1614	1878	NA	NA
Athlon 64 Dual Core 5600+	1548	1904	NA	NA
Athlon Dual Core 4050e	968	2221	NA	NA
Athlon Dual Core 4450e	1204	2081	NA	NA
Athlon Dual Core 4850e	1327	2009	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1360	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1085	2151	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1170	2101	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1201	2084	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	2043	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2080	NA	NA
HP Hexa-Core 2.0GHz	2178	1602	4.32	\$504.27*
Intel 2.80GHz	525	2451	NA	NA
Intel 1300 @ 1.66GHz	857	2287	NA	NA
Intel 1400 @ 1.83GHz	980	2213	NA	NA
Intel 1500 @ 2.00GHz	1024	2183	NA	NA
Intel Atom 230 @ 1.60GHz	307	2682	NA	NA

Intel Atom 330 @ 1.60GHz	587	2416	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2273	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2228	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1642	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1571	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1604	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	1079	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1197	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1252	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1491	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1463	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	869	14.62	\$332.00*
Intel Atom D410 @ 1.66GHz	301	2691	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2643	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2381	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2357	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2570	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2371	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2353	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2296	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2350	NA	NA
Intel Atom E660 @ 1.30GHz	271	2743	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2640	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2656	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2421	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2477	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2292	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2108	NA	NA
Intel Atom E3845 @ 1.91GHz	1501	1928	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1742	NA	NA
Intel Atom E3950 @ 1.60GHz	1872	1741	NA	NA
Intel Atom K510 @ 1.66GHz	658	2380	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N270 @ 1.60GHz	269	2746	NA	NA
Intel Atom N280 @ 1.66GHz	283	2724	NA	NA
Intel Atom N435 @ 1.33GHz	261	2754	NA	NA
Intel Atom N450 @ 1.66GHz	295	2703	NA	NA
Intel Atom N455 @ 1.66GHz	283	2722	NA	NA
Intel Atom N470 @ 1.83GHz	318	2667	NA	NA
Intel Atom N475 @ 1.83GHz	314	2673	NA	NA
Intel Atom N550 @ 1.50GHz	524	2452	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	572	2426	6.66	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2687	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2449	NA	NA
Intel Atom N2800 @ 1.86GHz	624	2397	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2261	14.32	\$64.00*

Intel Atom T5700 @ 1.70GHz	2039	1658	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2312	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1624	1874	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1193	2087	8.98	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1018	2188	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1269	2047	60.45	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1693	1832	27.07	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1847	1751	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1893	1729	25.72	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1889	1734	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2822	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2798	NA	NA
Intel Atom Z520 @ 1.33GHz	216	2801	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2730	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2637	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2598	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2778	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2429	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2262	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2251	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2269	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2270	NA	NA
Intel Atom Z3736F @ 1.33GHz	919	2260	NA	NA
Intel Atom Z3740 @ 1.33GHz	1061	2162	NA	NA
Intel Atom Z3740D @ 1.33GHz	1025	2182	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2158	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1034	2177	NA	NA
Intel Atom Z3770 @ 1.46GHz	1245	2062	8.34	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2316	NA	NA
Intel Atom Z3775 @ 1.46GHz	1260	2050	36.00	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2041	NA	NA
Intel Atom Z3795 @ 1.60GHz	1772	1783	NA	NA
Intel Celeron 1.70GHz	130	2861	NA	NA
Intel Celeron 1.80GHz	136	2858	NA	NA
Intel Celeron 2.00GHz	182	2834	NA	NA
Intel Celeron 2.10GHz	244	2776	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.13GHz	208	2809	NA	NA
Intel Celeron 2.20GHz	213	2804	NA	NA
Intel Celeron 2.26GHz	223	2793	NA	NA
Intel Celeron 2.30GHz	227	2790	NA	NA
Intel Celeron 2.40GHz	217	2799	NA	NA
Intel Celeron 2.50GHz	247	2770	NA	NA
Intel Celeron 2.53GHz	245	2774	NA	NA
Intel Celeron 2.60GHz	238	2781	NA	NA
Intel Celeron 2.66GHz	250	2767	NA	NA

Intel Celeron 2.70GHz	245	2775	NA	NA
Intel Celeron 2.80GHz	254	2760	NA	NA
Intel Celeron 2.93GHz	283	2723	NA	NA
Intel Celeron 3.06GHz	284	2719	NA	NA
Intel Celeron 3.20GHz	288	2712	NA	NA
Intel Celeron 3.33GHz	333	2654	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2662	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2664	NA	NA
Intel Celeron 420 @ 1.60GHz	451	2519	11.29	\$39.99*
Intel Celeron 430 @ 1.80GHz	488	2478	9.10	\$53.75
Intel Celeron 440 @ 2.00GHz	548	2435	9.14	\$59.99
Intel Celeron 450 @ 2.20GHz	624	2398	20.82	\$29.99*
Intel Celeron 530 @ 1.73GHz	470	2498	20.47	\$22.99*
Intel Celeron 540 @ 1.86GHz	521	2455	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2457	7.96	\$64.95
Intel Celeron 560 @ 2.13GHz	535	2444	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2456	NA	NA
Intel Celeron 600MHz	147	2854	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2568	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2545	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2337	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2615	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2402	NA	NA
Intel Celeron 847 @ 1.10GHz	934	2247	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2186	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2119	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2099	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	2031	NA	NA
Intel Celeron 887 @ 1.50GHz	1278	2040	NA	NA
Intel Celeron 900 @ 2.20GHz	677	2374	23.38	\$28.99
Intel Celeron 925 @ 2.30GHz	688	2367	NA	NA
Intel Celeron 1000M @ 1.80GHz	1677	1838	NA	NA
Intel Celeron 1000MHz	213	2803	NA	NA
Intel Celeron 1005M @ 1.90GHz	1811	1770	NA	NA
Intel Celeron 1007U @ 1.50GHz	1390	1973	7.52	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1521	1914	NA	NA
Intel Celeron 1019Y @ 1.00GHz	946	2242	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1584	NA	NA
Intel Celeron 1037U @ 1.80GHz	1736	1801	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2090	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1066MHz	259	2756	NA	NA
Intel Celeron 1100MHz	174	2840	NA	NA
Intel Celeron 1133MHz	282	2725	NA	NA
Intel Celeron 1200MHz	244	2777	NA	NA

Intel Celeron 1300MHz	288	2714	NA	NA
Intel Celeron 1333MHz	290	2708	NA	NA
Intel Celeron 1400MHz	302	2688	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1529	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1880	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1984	1682	NA	NA
Intel Celeron 2955U @ 1.40GHz	1422	1963	NA	NA
Intel Celeron 2957U @ 1.40GHz	1435	1957	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2133	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1543	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1890	NA	NA
Intel Celeron 2981U @ 1.60GHz	1522	1913	NA	NA
Intel Celeron 3205U @ 1.50GHz	1499	1931	5.22	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1635	1865	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1824	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1678	NA	NA
Intel Celeron 3855U @ 1.60GHz	1680	1837	NA	NA
Intel Celeron 3865U @ 1.80GHz	1898	1724	NA	NA
Intel Celeron 3867U @ 1.80GHz	1843	1755	17.23	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1913	1718	NA	NA
Intel Celeron 3965U @ 2.20GHz	2346	1532	21.93	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1629	1869	15.23	\$107.00*
Intel Celeron 4205U @ 1.80GHz	1953	1697	18.25	\$107.00*
Intel Celeron @ 1.30GHz	965	2222	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2828	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2309	NA	NA
Intel Celeron B800 @ 1.50GHz	1276	2042	NA	NA
Intel Celeron B810 @ 1.60GHz	1425	1960	NA	NA
Intel Celeron B815 @ 1.60GHz	1366	1985	NA	NA
Intel Celeron B820 @ 1.70GHz	1428	1959	36.35	\$39.29*
Intel Celeron B830 @ 1.80GHz	1515	1923	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1810	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2745	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2689	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2670	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2650	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2569	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2490	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2417	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2286	7.80	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1046	2170	11.64	\$89.95
Intel Celeron E1500 @ 2.20GHz	1169	2103	59.51	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2052	NA	NA
Intel Celeron E3200 @ 2.40GHz	1383	1976	26.62	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1386	1975	21.33	\$64.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

Intel Celeron E3400 @ 2.60GHz	1439	1954	2.36	\$610.00*
Intel Celeron E3500 @ 2.70GHz	1454	1946	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	694	2363	13.90	\$49.99*
Intel Celeron G460 @ 1.80GHz	1035	2176	15.93	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2161	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2024	NA	NA
Intel Celeron G530 @ 2.40GHz	2132	1617	53.32	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1812	NA	NA
Intel Celeron G540 @ 2.50GHz	2195	1598	48.79	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1628	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1552	28.63	\$80.00
Intel Celeron G550T @ 2.20GHz	2063	1650	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1503	60.57	\$40.00*
Intel Celeron G1101 @ 2.27GHz	1667	1847	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2489	1482	52.97	\$47.00
Intel Celeron G1610T @ 2.30GHz	2286	1554	57.12	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2577	1446	16.78	\$153.59*
Intel Celeron G1620T @ 2.40GHz	2353	1531	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1480	35.63	\$69.99
Intel Celeron G1820 @ 2.70GHz	2755	1394	30.62	\$89.99
Intel Celeron G1820T @ 2.40GHz	2496	1479	59.44	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1618	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1460	26.80	\$94.95
Intel Celeron G1840 @ 2.80GHz	2859	1357	48.53	\$58.93
Intel Celeron G1840T @ 2.50GHz	2551	1457	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1338	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3144	1261	54.45	\$57.75
Intel Celeron G3900E @ 2.40GHz	2679	1414	NA	NA
Intel Celeron G3900T @ 2.60GHz	2925	1333	26.01	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1440	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1265	22.31	\$139.99
Intel Celeron G3930 @ 2.90GHz	3038	1294	59.38	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1386	32.17	\$85.99*
Intel Celeron G3950 @ 3.00GHz	3049	1291	42.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3270	1213	53.91	\$60.66
Intel Celeron G4900T @ 2.90GHz	3096	1273	NA	NA
Intel Celeron G4920 @ 3.20GHz	3192	1238	47.66	\$66.99
Intel Celeron J1750 @ 2.41GHz	1037	2175	NA	NA
Intel Celeron J1800 @ 2.41GHz	1028	2180	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1876	NA	NA
Intel Celeron J1900 @ 1.99GHz	1839	1759	NA	NA
Intel Celeron J3060 @ 1.60GHz	974	2217	NA	NA
Intel Celeron J3160 @ 1.60GHz	1794	1776	NA	NA
Intel Celeron J3355 @ 2.00GHz	1194	2086	NA	NA
Intel Celeron J3455 @ 1.50GHz	2118	1627	5.72	\$369.99*
Intel Celeron J4005 @ 2.00GHz	1541	1907	10.97	\$140.51*

Intel Celeron J4105 @ 1.50GHz	2633	1426	24.61	\$107.00*
Intel Celeron M 1.00GHz	207	2810	16.60	\$12.49
Intel Celeron M 1.30GHz	316	2669	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 1.50GHz	343	2645	NA	NA
Intel Celeron M 1.60GHz	364	2624	NA	NA
Intel Celeron M 1.70GHz	393	2590	NA	NA
Intel Celeron M 360 1.40GHz	328	2658	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2671	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2647	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2617	NA	NA
Intel Celeron M 440 @ 1.86GHz	397	2581	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2762	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2521	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2543	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2506	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2439	NA	NA
Intel Celeron M 600MHz	151	2852	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2514	NA	NA
Intel Celeron M 900MHz	204	2812	NA	NA
Intel Celeron M 1200MHz	275	2740	NA	NA
Intel Celeron M 1300MHz	303	2685	NA	NA
Intel Celeron M 1500MHz	333	2655	NA	NA
Intel Celeron M ULV 800MHz	184	2832	NA	NA
Intel Celeron N2805 @ 1.46GHz	461	2511	NA	NA
Intel Celeron N2806 @ 1.60GHz	791	2321	NA	NA
Intel Celeron N2807 @ 1.58GHz	855	2289	NA	NA
Intel Celeron N2808 @ 1.58GHz	908	2268	NA	NA
Intel Celeron N2810 @ 2.00GHz	787	2322	5.62	\$139.99*
Intel Celeron N2815 @ 1.86GHz	852	2291	NA	NA
Intel Celeron N2820 @ 2.13GHz	926	2252	4.41	\$209.99
Intel Celeron N2830 @ 2.16GHz	955	2234	NA	NA
Intel Celeron N2840 @ 2.16GHz	1003	2195	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2083	NA	NA
Intel Celeron N2920 @ 1.86GHz	1500	1929	NA	NA
Intel Celeron N2930 @ 1.83GHz	1628	1871	NA	NA
Intel Celeron N2940 @ 1.83GHz	1731	1803	NA	NA
Intel Celeron N3000 @ 1.04GHz	909	2266	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2223	NA	NA
Intel Celeron N3050 @ 1.60GHz	877	2277	5.23	\$167.77
Intel Celeron N3060 @ 1.60GHz	989	2210	NA	NA
Intel Celeron N3150 @ 1.60GHz	1656	1853	NA	NA
Intel Celeron N3160 @ 1.60GHz	1664	1849	5.38	\$309.19
Intel Celeron N3350 @ 1.10GHz	1110	2132	NA	NA
Intel Celeron N3450 @ 1.10GHz	1843	1756	5.85	\$314.99*
Intel Celeron N4000 @ 1.10GHz	1441	1953	13.47	\$107.00*

Intel Celeron N4100 @ 1.10GHz	2280	1560	21.31	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1119	2125	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2206	NA	NA
Intel Celeron P4600 @ 2.00GHz	1344	2000	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2326	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2237	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2165	35.29	\$29.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron U1900 @ 1.99GHz	1704	1823	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2348	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2368	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2314	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2168	6.58	\$159.95*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2110	23.15	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1271	2044	17.84	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1383	1977	8.76	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	1938	54.88	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1109	2135	85.39	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2092	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1289	2032	43.07	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1360	1990	27.21	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	1949	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1932	100.26	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1553	1903	103.67	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1831	56.47	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1715	1814	166.53	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1946	1699	38.95	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1629	1870	33.25	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1725	1806	43.26	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1771	1784	61.10	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1738	125.06	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1966	1691	16.40	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1580	1894	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1746	1794	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1884	1736	37.69	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1694	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1530	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1991	1677	99.61	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1752	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1622	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2149	1611	47.24	\$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2127	1623	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2282	1558	57.07	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2399	1513	56.54	\$42.45*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1592	NA	NA

Intel Core2 Duo L7100 @ 1.20GHz	760	2331	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2369	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2305	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2293	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	958	2231	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2218	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2126	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1074	2160	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1345	1999	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	2029	64.59	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	2023	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1417	1965	35.46	\$39.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P7500 @ 1.60GHz	945	2244	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1919	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1452	1948	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2185	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1454	1945	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1909	31.23	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1873	42.76	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1798	30.57	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1900	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1753	1791	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1745	1795	17.63	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1865	1745	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2015	1668	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2415	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2057	4.95	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1840	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	929	2249	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	832	2300	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	838	2299	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2310	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	932	2248	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2263	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2267	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2257	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1044	2172	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2179	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2207	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1093	2146	109.45	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1114	2129	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1199	2085	75.46	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1148	2117	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2078	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2070	81.80	\$14.99*

Intel Core2 Duo T6500 @ 2.10GHz	1286	2035	85.82	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1258	2051	32.69	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1361	1989	72.05	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1360	1991	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1018	2187	46.32	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	2104	11.69	\$99.95
Intel Core2 Duo T7250 @ 2.00GHz	1115	2128	5.54	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1193	2088	38.51	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1248	2060	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1270	2046	29.55	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1379	1981	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1423	1962	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1597	1888	2.63	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1296	2026	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1472	1940	13.52	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1673	1841	28.85	\$57.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T9400 @ 2.53GHz	1738	1799	24.86	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1798	1774	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1805	1772	6.04	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1928	1707	21.44	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2020	1667	4.77	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2131	1619	5.34	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	874	2279	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2413	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2376	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2362	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2284	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1128	2124	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1833	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1116	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3634	1120	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1166	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1873	1740	7.11	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1773	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2007	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1835	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1896	1726	4.63	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2068	1648	2.43	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4156	1004	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	936	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	910	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	900	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2949	1322	73.77	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3282	1212	72.97	\$44.99*

Intel Core2 Quad Q8200 @ 2.33GHz	2811	1372	122.29	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2980	1310	59.62	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3161	1253	13.18	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2524	1465	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1224	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3159	1255	15.84	\$199.50*
Intel Core2 Quad Q9400 @ 2.66GHz	3340	1200	69.58	\$48.01*
Intel Core2 Quad Q9450 @ 2.66GHz	3758	1092	105.27	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3525	1147	100.75	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3556	1138	18.72	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3963	1043	89.09	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4160	1003	37.84	\$109.95
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1046	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2628	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2678	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2555	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	464	2503	NA	NA
Intel Core 330 @ 1.60GHz	643	2388	NA	NA
Intel Core 860 @ 2.80GHz	4555	922	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2351	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2359	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo L2500 @ 1.83GHz	747	2338	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2365	NA	NA
Intel Core Duo T2250 @ 1.73GHz	756	2335	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2346	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2330	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2317	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2304	NA	NA
Intel Core Duo T2500 @ 2.00GHz	867	2281	7.23	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2245	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2184	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2437	NA	NA
Intel Core Duo U2500 @ 1.20GHz	511	2463	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1705	NA	NA
Intel Core i3-330M @ 2.13GHz	1787	1779	11.17	\$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2159	NA	NA
Intel Core i3-350M @ 2.27GHz	1891	1730	17.37	\$108.95*
Intel Core i3-370M @ 2.40GHz	2014	1669	50.42	\$39.96*
Intel Core i3-380M @ 2.53GHz	2092	1638	9.97	\$209.95*
Intel Core i3-380UM @ 1.33GHz	1160	2109	NA	NA
Intel Core i3-390M @ 2.67GHz	2183	1601	56.06	\$38.95*
Intel Core i3-530 @ 2.93GHz	2566	1451	13.58	\$189.00*
Intel Core i3-540 @ 3.07GHz	2688	1412	23.67	\$113.55
Intel Core i3-550 @ 3.20GHz	2829	1363	16.10	\$175.74
Intel Core i3-560 @ 3.33GHz	2934	1327	16.31	\$179.95*

Intel Core i3-2100 @ 3.10GHz	3689	1111	67.09	\$54.99
Intel Core i3-2100T @ 2.50GHz	2962	1319	49.39	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1098	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3710	1103	32.27	\$114.99*
Intel Core i3-2120 @ 3.30GHz	3929	1051	56.14	\$69.99
Intel Core i3-2120T @ 2.60GHz	3164	1251	19.78	\$160.00*
Intel Core i3-2125 @ 3.30GHz	4005	1030	19.35	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4071	1019	35.40	\$114.99
Intel Core i3-2140 @ 3.50GHz	4325	972	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1359	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2431	1500	54.06	\$44.99
Intel Core i3-2312M @ 2.10GHz	2374	1523	NA	NA
Intel Core i3-2328M @ 2.20GHz	2545	1458	27.38	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1281	NA	NA
Intel Core i3-2330M @ 2.20GHz	2524	1464	50.55	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1519	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1809	NA	NA
Intel Core i3-2348M @ 2.30GHz	2617	1430	NA	NA
Intel Core i3-2350M @ 2.30GHz	2627	1428	18.77	\$139.95*
Intel Core i3-2357M @ 1.30GHz	1556	1902	NA	NA
Intel Core i3-2365M @ 1.40GHz	1676	1839	NA	NA
Intel Core i3-2367M @ 1.40GHz	1707	1820	NA	NA
Intel Core i3-2370M @ 2.40GHz	2777	1382	69.77	\$39.81*
Intel Core i3-2375M @ 1.50GHz	1774	1782	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1765	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3110M @ 2.40GHz	3083	1277	38.56	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3223	1229	29.30	\$110.00*
Intel Core i3-3130M @ 2.60GHz	3390	1184	NA	NA
Intel Core i3-3210 @ 3.20GHz	4040	1024	13.79	\$293.00
Intel Core i3-3217U @ 1.80GHz	2302	1549	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1607	NA	NA
Intel Core i3-3220 @ 3.30GHz	4244	986	53.73	\$79.00
Intel Core i3-3220T @ 2.80GHz	3691	1109	27.35	\$135.00
Intel Core i3-3225 @ 3.30GHz	4343	968	13.37	\$324.99
Intel Core i3-3227U @ 1.90GHz	2467	1489	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1826	NA	NA
Intel Core i3-3240 @ 3.40GHz	4316	975	86.32	\$50.00
Intel Core i3-3240T @ 2.90GHz	3653	1118	NA	NA
Intel Core i3-3245 @ 3.40GHz	4444	947	24.83	\$179.01
Intel Core i3-3250 @ 3.50GHz	4447	944	46.82	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1122	NA	NA
Intel Core i3-4000M @ 2.40GHz	3255	1218	16.28	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2444	1496	NA	NA
Intel Core i3-4010U @ 1.70GHz	2439	1497	8.44	\$289.00
Intel Core i3-4010Y @ 1.30GHz	1900	1723	NA	NA

Intel Core i3-4012Y @ 1.50GHz	2163	1606	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2213	1591	NA	NA
Intel Core i3-4025U @ 1.90GHz	2787	1380	NA	NA
Intel Core i3-4030U @ 1.90GHz	2719	1404	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1475	NA	NA
Intel Core i3-4100M @ 2.50GHz	3426	1172	15.68	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	1057	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1346	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1290	NA	NA
Intel Core i3-4130 @ 3.40GHz	4803	878	53.37	\$90.00
Intel Core i3-4130T @ 2.90GHz	4144	1007	46.57	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4896	860	49.46	\$99.00
Intel Core i3-4150T @ 3.00GHz	4222	991	18.36	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1335	NA	NA
Intel Core i3-4160 @ 3.60GHz	5051	825	46.34	\$109.00
Intel Core i3-4160T @ 3.10GHz	4445	945	29.64	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5190	800	19.97	\$259.95
Intel Core i3-4170T @ 3.20GHz	4545	927	21.65	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5083	814	32.52	\$156.33
Intel Core i3-4330T @ 3.00GHz	4485	940	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1234	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	794	27.60	\$189.99
Intel Core i3-4350 @ 3.60GHz	4990	840	29.36	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	978	NA	NA
Intel Core i3-4360 @ 3.70GHz	5461	760	21.09	\$259.00
Intel Core i3-4360T @ 3.20GHz	4636	905	NA	NA
Intel Core i3-4370 @ 3.80GHz	5613	740	18.17	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4870	862	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	852	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-5005U @ 2.00GHz	2908	1339	NA	NA
Intel Core i3-5010U @ 2.10GHz	3055	1287	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	3006	1304	NA	NA
Intel Core i3-5020U @ 2.20GHz	3197	1236	6.97	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3663	1115	NA	NA
Intel Core i3-6006U @ 2.00GHz	3082	1278	NA	NA
Intel Core i3-6098P @ 3.60GHz	5408	766	40.44	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5483	752	44.22	\$124.00
Intel Core i3-6100E @ 2.70GHz	3769	1086	NA	NA
Intel Core i3-6100H @ 2.70GHz	4222	990	NA	NA
Intel Core i3-6100T @ 3.20GHz	4850	870	35.94	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	4304	977	NA	NA
Intel Core i3-6100U @ 2.30GHz	3603	1125	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	1069	NA	NA
Intel Core i3-6300 @ 3.80GHz	5846	711	32.37	\$180.62
Intel Core i3-6300T @ 3.30GHz	5247	793	33.86	\$154.99*

Intel Core i3-6320 @ 3.90GHz	6047	692	16.36	\$369.74
Intel Core i3-7020U @ 2.30GHz	3518	1151	12.52	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5785	717	38.99	\$148.41
Intel Core i3-7100H @ 3.00GHz	4667	896	20.75	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5048	827	35.29	\$143.07
Intel Core i3-7100U @ 2.40GHz	3770	1085	9.91	\$380.64*
Intel Core i3-7101TE @ 3.40GHz	5189	801	44.36	\$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1214	14.52	\$225.00*
Intel Core i3-7130U @ 2.70GHz	4058	1021	14.44	\$281.00*
Intel Core i3-7167U @ 2.80GHz	4757	885	NA	NA
Intel Core i3-7300 @ 4.00GHz	6360	661	37.02	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	773	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6417	653	35.12	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6620	635	38.27	\$172.99
Intel Core i3-8100 @ 3.60GHz	8032	495	66.94	\$119.99
Intel Core i3-8100B @ 3.60GHz	8473	452	63.71	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7382	561	53.11	\$139.00
Intel Core i3-8109U @ 3.00GHz	6184	674	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	880	NA	NA
Intel Core i3-8130U @ 2.20GHz	5045	829	17.96	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5430	762	19.33	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8693	439	45.65	\$190.43
Intel Core i3-8300T @ 3.20GHz	8032	494	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9213	385	49.80	\$184.99
Intel Core i3-9100 @ 3.60GHz	9158	390	70.46	\$129.99
Intel Core i3-9100F @ 3.60GHz	9005	410	90.06	\$99.99
Intel Core i3-9350KF @ 4.00GHz	10458	281	46.85	\$223.21
Intel Core i3-21050 @ 3.10GHz	3862	1061	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1597	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1484	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3599	1126	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3810	1078	NA	NA
Intel Core i5-430M @ 2.27GHz	2096	1636	14.98	\$139.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-430UM @ 1.20GHz	1341	2003	NA	NA
Intel Core i5-450M @ 2.40GHz	2125	1624	66.53	\$31.95*
Intel Core i5-460M @ 2.53GHz	2323	1537	31.00	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	2156	NA	NA
Intel Core i5-480M @ 2.67GHz	2403	1510	29.82	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1578	NA	NA
Intel Core i5-520M @ 2.40GHz	2369	1525	33.86	\$69.99
Intel Core i5-520UM @ 1.07GHz	1351	1995	NA	NA
Intel Core i5-540M @ 2.53GHz	2454	1492	12.92	\$189.95
Intel Core i5-540UM @ 1.20GHz	1375	1983	NA	NA
Intel Core i5-560M @ 2.67GHz	2578	1444	42.98	\$60.00*
Intel Core i5-560UM @ 1.33GHz	1664	1850	NA	NA

Intel Core i5-580M @ 2.67GHz	2595	1437	23.61	\$109.95*
Intel Core i5-650 @ 3.20GHz	3098	1272	13.77	\$224.95
Intel Core i5-655K @ 3.20GHz	3395	1182	56.60	\$59.99*
Intel Core i5-660 @ 3.33GHz	3255	1217	9.30	\$349.95*
Intel Core i5-661 @ 3.33GHz	3186	1240	31.86	\$99.99*
Intel Core i5-670 @ 3.47GHz	3313	1205	36.83	\$89.99*
Intel Core i5-680 @ 3.60GHz	3509	1153	38.99	\$89.99*
Intel Core i5-750 @ 2.67GHz	3691	1110	39.89	\$92.55*
Intel Core i5-760 @ 2.80GHz	3886	1056	43.19	\$89.99*
Intel Core i5-2300 @ 2.80GHz	5360	776	67.02	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5533	747	29.70	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5768	720	36.05	\$160.00*
Intel Core i5-2380P @ 3.10GHz	5749	722	31.94	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4226	988	42.31	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5968	696	93.26	\$64.00
Intel Core i5-2400S @ 2.50GHz	4986	842	27.40	\$182.00
Intel Core i5-2405S @ 2.50GHz	5082	816	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3167	1249	40.57	\$78.07*
Intel Core i5-2415M @ 2.30GHz	3299	1208	NA	NA
Intel Core i5-2430M @ 2.40GHz	3285	1211	36.87	\$89.11*
Intel Core i5-2435M @ 2.40GHz	3227	1227	NA	NA
Intel Core i5-2450M @ 2.50GHz	3400	1177	38.63	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6132	682	68.14	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2320	1539	NA	NA
Intel Core i5-2500 @ 3.30GHz	6342	662	115.33	\$55.00
Intel Core i5-2500K @ 3.30GHz	6478	646	14.92	\$434.26*
Intel Core i5-2500S @ 2.70GHz	5368	774	71.59	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4639	903	NA	NA
Intel Core i5-2510E @ 2.50GHz	3483	1159	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1206	NA	NA
Intel Core i5-2520M @ 2.50GHz	3594	1128	21.20	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2094	1637	NA	NA
Intel Core i5-2540M @ 2.60GHz	3785	1082	65.24	\$58.02*
Intel Core i5-2550K @ 3.40GHz	6668	630	35.10	\$190.00
Intel Core i5-2557M @ 1.70GHz	2693	1410	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1093	NA	NA
Intel Core i5-3210M @ 2.50GHz	3827	1072	51.71	\$74.02*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3230M @ 2.60GHz	3941	1050	17.38	\$226.77*
Intel Core i5-3317U @ 1.70GHz	3091	1274	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4128	1011	39.66	\$104.10*
Intel Core i5-3330 @ 3.00GHz	5945	699	20.96	\$283.67*
Intel Core i5-3330S @ 2.70GHz	5683	728	59.83	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	716	NA	NA
Intel Core i5-3337U @ 1.80GHz	3229	1226	14.35	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1590	NA	NA

Intel Core i5-3340 @ 3.10GHz	6099	686	20.82	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4246	985	53.11	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	710	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6149	679	41.00	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4437	949	47.81	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4438	948	NA	NA
Intel Core i5-3427U @ 1.80GHz	3546	1142	8.44	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3640	1119	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1331	NA	NA
Intel Core i5-3450 @ 3.10GHz	6538	642	25.78	\$253.59*
Intel Core i5-3450S @ 2.80GHz	6223	669	41.77	\$149.00*
Intel Core i5-3470 @ 3.20GHz	6716	626	75.47	\$89.00
Intel Core i5-3470S @ 2.90GHz	6371	659	47.39	\$134.46
Intel Core i5-3470T @ 2.90GHz	4482	941	14.51	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6609	636	46.06	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6956	598	46.38	\$149.99*
Intel Core i5-3550S @ 3.00GHz	6910	606	20.95	\$329.95
Intel Core i5-3570 @ 3.40GHz	7130	583	75.07	\$94.99
Intel Core i5-3570K @ 3.40GHz	7176	580	21.11	\$339.99
Intel Core i5-3570S @ 3.10GHz	6746	622	23.67	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5914	703	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3898	1055	NA	NA
Intel Core i5-4200H @ 2.80GHz	4445	946	NA	NA
Intel Core i5-4200M @ 2.50GHz	4036	1025	49.76	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3293	1210	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1509	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2265	1569	NA	NA
Intel Core i5-4210H @ 2.90GHz	4530	931	NA	NA
Intel Core i5-4210M @ 2.60GHz	4198	995	13.55	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3404	1176	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2378	1521	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1545	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1345	NA	NA
Intel Core i5-4250U @ 1.30GHz	3452	1167	9.62	\$359.00*
Intel Core i5-4258U @ 2.40GHz	4082	1017	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1135	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	963	NA	NA
Intel Core i5-4288U @ 2.60GHz	4301	979	NA	NA
Intel Core i5-4300M @ 2.60GHz	4434	951	NA	NA
Intel Core i5-4300U @ 1.90GHz	3743	1096	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2502	1477	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4302Y @ 1.60GHz	2971	1314	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	992	NA	NA
Intel Core i5-4310M @ 2.70GHz	4640	902	NA	NA

Intel Core i5-4310U @ 2.00GHz	3759	1091	NA	NA
Intel Core i5-4330M @ 2.80GHz	4547	926	16.54	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4853	868	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1123	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	925	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1047	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1375	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6336	663	39.61	\$159.99*
Intel Core i5-4430S @ 2.70GHz	5958	698	37.24	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6512	644	13.10	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6245	668	13.49	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6717	625	35.36	\$189.99
Intel Core i5-4460S @ 2.90GHz	6418	652	9.73	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4960	848	NA	NA
Intel Core i5-4570 @ 3.20GHz	7147	582	61.77	\$115.72
Intel Core i5-4570R @ 2.70GHz	6756	620	NA	NA
Intel Core i5-4570S @ 2.90GHz	6825	611	35.63	\$191.56
Intel Core i5-4570T @ 2.90GHz	4815	872	22.94	\$209.95
Intel Core i5-4570TE @ 2.70GHz	3827	1071	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7332	567	52.75	\$139.00
Intel Core i5-4590S @ 3.00GHz	7066	590	47.42	\$149.00
Intel Core i5-4590T @ 2.00GHz	5618	736	26.76	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7459	547	30.61	\$243.68
Intel Core i5-4670K @ 3.40GHz	7634	535	31.82	\$239.95
Intel Core i5-4670K CPT @ 3.40GHz	7411	558	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	557	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7361	564	34.56	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6168	677	23.81	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7681	528	49.56	\$154.99
Intel Core i5-4690K @ 3.50GHz	7794	517	26.38	\$295.49
Intel Core i5-4690S @ 3.20GHz	7426	554	26.42	\$281.06*
Intel Core i5-4690T @ 2.50GHz	6544	641	NA	NA
Intel Core i5-5200U @ 2.20GHz	3487	1158	NA	NA
Intel Core i5-5250U @ 1.60GHz	3586	1130	8.12	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4409	955	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	893	NA	NA
Intel Core i5-5300U @ 2.30GHz	3824	1073	7.42	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3512	1152	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	546	NA	NA
Intel Core i5-5675C @ 3.10GHz	8191	478	26.43	\$309.95*
Intel Core i5-5675R @ 3.10GHz	8054	492	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4147	1005	NA	NA
Intel Core i5-6200U @ 2.30GHz	4021	1026	NA	NA
Intel Core i5-6260U @ 1.80GHz	4361	964	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4962	847	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	887	15.63	\$304.00*
Passmark CPU				

CPU Name	Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6300HQ @ 2.30GHz	6089	689	NA	NA
Intel Core i5-6300U @ 2.40GHz	4370	960	NA	NA
Intel Core i5-6360U @ 2.00GHz	4880	861	NA	NA
Intel Core i5-6400 @ 2.70GHz	6766	617	19.90	\$340.03
Intel Core i5-6400T @ 2.20GHz	5614	739	21.60	\$259.95*
Intel Core i5-6402P @ 2.80GHz	7115	586	37.45	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	670	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6798	613	NA	NA
Intel Core i5-6500 @ 3.20GHz	7248	574	40.27	\$179.99
Intel Core i5-6500T @ 2.50GHz	6288	665	41.93	\$149.99*
Intel Core i5-6500TE @ 2.30GHz	6579	638	31.33	\$209.99*
Intel Core i5-6600 @ 3.30GHz	7774	521	29.91	\$259.94*
Intel Core i5-6600K @ 3.50GHz	8064	490	30.65	\$263.11*
Intel Core i5-6600T @ 2.70GHz	7342	566	24.48	\$299.95
Intel Core i5-7200U @ 2.50GHz	4605	914	NA	NA
Intel Core i5-7260U @ 2.20GHz	5676	731	7.59	\$748.00
Intel Core i5-7267U @ 3.10GHz	4976	844	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	735	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6785	614	NA	NA
Intel Core i5-7300U @ 2.60GHz	5186	803	9.84	\$526.99
Intel Core i5-7360U @ 2.30GHz	5845	713	NA	NA
Intel Core i5-7400 @ 3.00GHz	7327	568	33.73	\$217.21
Intel Core i5-7400T @ 2.40GHz	6406	654	28.87	\$221.90
Intel Core i5-7440HQ @ 2.80GHz	7659	534	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	6262	667	25.05	\$250.00*
Intel Core i5-7500 @ 3.40GHz	8021	497	40.11	\$199.99
Intel Core i5-7500T @ 2.70GHz	7018	593	31.33	\$223.99
Intel Core i5-7600 @ 3.50GHz	8722	435	35.75	\$243.99
Intel Core i5-7600K @ 3.80GHz	9118	395	33.90	\$268.99
Intel Core i5-7600T @ 2.80GHz	8077	488	30.39	\$265.83
Intel Core i5-7640X @ 4.00GHz	9545	354	27.28	\$349.84
Intel Core i5-8200Y @ 1.30GHz	4206	994	14.46	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4141	1008	NA	NA
Intel Core i5-8250U @ 1.60GHz	7676	530	NA	NA
Intel Core i5-8259U @ 2.30GHz	11010	254	16.46	\$669.00
Intel Core i5-8265U @ 1.60GHz	7999	499	26.93	\$297.00*
Intel Core i5-8300H @ 2.30GHz	9493	358	37.98	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8947	418	NA	NA
Intel Core i5-8350U @ 1.70GHz	8236	473	27.73	\$297.00*
Intel Core i5-8365U @ 1.60GHz	8448	454	28.45	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11642	238	58.50	\$199.00
Intel Core i5-8400H @ 2.50GHz	10138	298	40.55	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9555	353	45.72	\$209.00
Intel Core i5-8500 @ 3.00GHz	11925	231	42.18	\$282.71
Intel Core i5-8500B @ 3.00GHz	12756	206	66.44	\$192.00*

Intel Core i5-8500T @ 2.10GHz	9990	313	46.74	\$213.73
Intel Core i5-8600 @ 3.10GHz	12671	212	45.71	\$277.21*
Intel Core i5-8600K @ 3.60GHz	12765	205	40.79	\$312.92*
Intel Core i5-8600T @ 2.30GHz	10875	262	31.06	\$350.12*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-9300H @ 2.40GHz	9339	373	37.36	\$250.00*
Intel Core i5-9400 @ 2.90GHz	11901	232	61.04	\$194.99
Intel Core i5-9400F @ 2.90GHz	12149	226	81.00	\$149.99
Intel Core i5-9500 @ 3.00GHz	12673	211	62.74	\$202.00*
Intel Core i5-9500T @ 2.20GHz	11211	244	58.39	\$192.00*
Intel Core i5-9600K @ 3.70GHz	13509	191	61.41	\$219.99
Intel Core i5-9600KF @ 3.70GHz	13991	170	55.97	\$249.99
Intel Core i5-24050S @ 2.50GHz	4928	853	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3736	1097	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1689	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1459	NA	NA
Intel Core i7-620LM @ 2.00GHz	1949	1698	NA	NA
Intel Core i7-620M @ 2.67GHz	2722	1403	24.74	\$110.01
Intel Core i7-620UM @ 1.07GHz	1323	2011	NA	NA
Intel Core i7-640LM @ 2.13GHz	2254	1574	NA	NA
Intel Core i7-640M @ 2.80GHz	2828	1364	14.15	\$199.95
Intel Core i7-640UM @ 1.20GHz	1638	1863	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1796	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1817	NA	NA
Intel Core i7-720QM @ 1.60GHz	3010	1301	27.38	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3191	1239	19.96	\$159.95*
Intel Core i7-820QM @ 1.73GHz	3226	1228	13.44	\$239.95*
Intel Core i7-840QM @ 1.87GHz	3410	1175	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	4999	839	33.33	\$149.99*
Intel Core i7-860S @ 2.53GHz	4711	890	23.56	\$199.99*
Intel Core i7-870 @ 2.93GHz	5324	783	60.51	\$87.99
Intel Core i7-870S @ 2.67GHz	4849	871	NA	NA
Intel Core i7-875K @ 2.93GHz	5412	764	13.53	\$399.99*
Intel Core i7-880 @ 3.07GHz	5505	751	9.44	\$583.00*
Intel Core i7-920 @ 2.67GHz	4915	856	126.04	\$39.00
Intel Core i7-920XM @ 2.00GHz	3727	1099	9.32	\$399.95
Intel Core i7-930 @ 2.80GHz	5135	808	39.51	\$129.99*
Intel Core i7-940 @ 2.93GHz	5336	781	51.32	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3966	1041	NA	NA
Intel Core i7-950 @ 3.07GHz	5541	746	26.52	\$209.00*
Intel Core i7-960 @ 3.20GHz	5801	715	22.08	\$262.73*
Intel Core i7-965 @ 3.20GHz	5854	708	41.82	\$139.99*
Intel Core i7-970 @ 3.20GHz	8351	465	16.71	\$499.95*
Intel Core i7-975 @ 3.33GHz	6121	683	14.76	\$414.90*
Intel Core i7-980 @ 3.33GHz	8643	444	43.22	\$199.98*

Intel Core i7-980X @ 3.33GHz	8744	433	9.61	\$909.99*
Intel Core i7-985 @ 3.47GHz	6641	633	NA	NA
Intel Core i7-990X @ 3.47GHz	9053	401	25.87	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	332	NA	NA
Intel Core i7-2600 @ 3.40GHz	8186	479	52.82	\$154.99
Intel Core i7-2600K @ 3.40GHz	8422	458	47.06	\$179.00
Intel Core i7-2600S @ 2.80GHz	7089	587	53.29	\$133.04*
Intel Core i7-2610UE @ 1.50GHz	2481	1487	NA	NA
Intel Core i7-2617M @ 1.50GHz	2824	1367	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2620M @ 2.70GHz	3842	1066	22.63	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5525	749	24.03	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1443	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5468	758	NA	NA
Intel Core i7-2637M @ 1.70GHz	2910	1337	NA	NA
Intel Core i7-2640M @ 2.80GHz	3921	1054	26.01	\$150.78*
Intel Core i7-2655LE @ 2.20GHz	3196	1237	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5881	707	42.31	\$139.00
Intel Core i7-2675QM @ 2.20GHz	5531	748	NA	NA
Intel Core i7-2677M @ 1.80GHz	2826	1365	NA	NA
Intel Core i7-2700K @ 3.50GHz	8685	441	26.65	\$325.90
Intel Core i7-2710QE @ 2.10GHz	5768	719	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	775	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6115	685	19.79	\$309.00*
Intel Core i7-2760QM @ 2.40GHz	6563	639	31.26	\$209.95*
Intel Core i7-2820QM @ 2.30GHz	6642	632	26.46	\$251.04*
Intel Core i7-2840QM @ 2.40GHz	6766	618	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6965	596	12.88	\$541.00*
Intel Core i7-2920XM @ 2.50GHz	7050	591	16.01	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	577	17.62	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3580	1133	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3350	1195	NA	NA
Intel Core i7-3520M @ 2.90GHz	4545	928	19.34	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3845	1065	NA	NA
Intel Core i7-3540M @ 3.00GHz	4662	898	10.84	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1040	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	640	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7459	548	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	627	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6817	612	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	549	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7384	560	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7581	538	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6933	604	29.13	\$238.05*
Intel Core i7-3635QM @ 2.40GHz	6669	629	NA	NA
Intel Core i7-3667U @ 2.00GHz	3995	1033	NA	NA

Intel Core i7-3687U @ 2.10GHz	4182	999	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1231	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8121	486	22.37	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	8319	468	34.67	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9280	378	46.83	\$198.18
Intel Core i7-3770K @ 3.50GHz	9507	356	30.67	\$310.00
Intel Core i7-3770S @ 3.10GHz	8892	421	21.69	\$409.99
Intel Core i7-3770T @ 2.50GHz	8208	476	24.87	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8989	412	21.40	\$419.97
Intel Core i7-3820QM @ 2.70GHz	8407	459	29.50	\$285.00*
Intel Core i7-3840QM @ 2.80GHz	8771	431	30.35	\$289.05*
Intel Core i7-3920XM @ 2.90GHz	9169	389	8.37	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11979	229	23.73	\$504.85
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3940XM @ 3.00GHz	9253	381	17.17	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12584	213	13.11	\$959.78
Intel Core i7-3970X @ 3.50GHz	12675	210	15.65	\$809.99*
Intel Core i7-4500U @ 1.80GHz	3790	1081	NA	NA
Intel Core i7-4510U @ 2.00GHz	3923	1053	NA	NA
Intel Core i7-4550U @ 1.50GHz	3699	1107	NA	NA
Intel Core i7-4558U @ 2.80GHz	4397	956	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	970	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	882	NA	NA
Intel Core i7-4600M @ 2.90GHz	4900	859	NA	NA
Intel Core i7-4600U @ 2.10GHz	4096	1015	NA	NA
Intel Core i7-4610M @ 3.00GHz	4909	858	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1095	NA	NA
Intel Core i7-4650U @ 1.70GHz	3960	1045	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	579	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7725	523	20.17	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7684	527	40.66	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7420	556	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7129	584	21.15	\$337.04*
Intel Core i7-4710HQ @ 2.50GHz	7721	525	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7979	503	29.38	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7523	542	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7210	578	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7996	501	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8067	489	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8194	477	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8735	434	NA	NA
Intel Core i7-4765T @ 2.00GHz	7307	570	18.27	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9778	337	40.90	\$239.07
Intel Core i7-4770HQ @ 2.20GHz	8948	417	NA	NA
Intel Core i7-4770K @ 3.50GHz	10075	308	28.79	\$350.00
Intel Core i7-4770R @ 3.20GHz	9822	329	NA	NA

Intel Core i7-4770S @ 3.10GHz	9347	371	37.39	\$249.99*
Intel Core i7-4770T @ 2.50GHz	8587	447	21.47	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	623	NA	NA
Intel Core i7-4771 @ 3.50GHz	9866	325	16.18	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7633	536	NA	NA
Intel Core i7-4790 @ 3.60GHz	9986	315	47.82	\$208.84
Intel Core i7-4790K @ 4.00GHz	11172	246	36.16	\$309.00
Intel Core i7-4790S @ 3.20GHz	9584	350	20.98	\$456.77
Intel Core i7-4790T @ 2.70GHz	9075	399	25.28	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8445	455	16.56	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8654	443	45.56	\$189.95*
Intel Core i7-4820K @ 3.70GHz	9713	344	44.15	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9051	402	20.86	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7847	512	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9271	380	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9355	370	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8977	414	15.30	\$586.67*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4910MQ @ 2.90GHz	9330	374	20.29	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13009	199	25.98	\$500.73*
Intel Core i7-4930MX @ 3.00GHz	9476	361	8.65	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9921	320	13.97	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9828	328	15.78	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13796	179	17.92	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10278	290	NA	NA
Intel Core i7-5500U @ 2.40GHz	3976	1038	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1064	NA	NA
Intel Core i7-5557U @ 3.10GHz	4947	850	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4317	974	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	989	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	480	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	471	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8353	464	NA	NA
Intel Core i7-5775C @ 3.30GHz	10976	255	15.99	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10868	263	NA	NA
Intel Core i7-5820K @ 3.30GHz	12980	200	44.91	\$289.00*
Intel Core i7-5850EQ @ 2.70GHz	9817	330	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	363	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13623	185	15.45	\$881.89*
Intel Core i7-5950HQ @ 2.90GHz	10850	264	NA	NA
Intel Core i7-5960X @ 3.00GHz	15942	122	16.61	\$959.99
Intel Core i7-6498DU @ 2.50GHz	4538	930	NA	NA
Intel Core i7-6500U @ 2.50GHz	4430	952	11.27	\$393.00*
Intel Core i7-6560U @ 2.20GHz	4811	873	NA	NA
Intel Core i7-6567U @ 3.30GHz	5615	737	NA	NA
Intel Core i7-6600U @ 2.60GHz	4805	876	NA	NA

Intel Core i7-6650U @ 2.20GHz	4969	846	NA	NA
Intel Core i7-6700 @ 3.40GHz	10004	312	37.05	\$269.99
Intel Core i7-6700HQ @ 2.60GHz	8132	484	21.51	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11107	247	34.81	\$319.07
Intel Core i7-6700T @ 2.80GHz	9016	408	30.06	\$300.00*
Intel Core i7-6700TE @ 2.40GHz	8674	442	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9727	341	9.71	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13570	187	30.71	\$441.83
Intel Core i7-6820EQ @ 2.80GHz	8563	448	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9118	394	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8765	432	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	649	NA	NA
Intel Core i7-6850K @ 3.60GHz	14371	158	24.24	\$593.00
Intel Core i7-6900K @ 3.20GHz	17653	85	19.78	\$892.73
Intel Core i7-6920HQ @ 2.90GHz	9562	352	16.83	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19940	54	12.73	\$1,566.98
Intel Core i7-7500U @ 2.70GHz	5153	806	NA	NA
Intel Core i7-7560U @ 2.40GHz	5846	712	NA	NA
Intel Core i7-7567U @ 3.50GHz	6492	645	NA	NA
Intel Core i7-7600U @ 2.80GHz	5098	812	NA	NA
Intel Core i7-7660U @ 2.50GHz	6004	695	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7700 @ 3.60GHz	10727	266	31.66	\$338.88
Intel Core i7-7700HQ @ 2.80GHz	8803	429	NA	NA
Intel Core i7-7700K @ 4.20GHz	12033	228	33.15	\$363.00
Intel Core i7-7700T @ 2.90GHz	9280	379	25.43	\$365.00
Intel Core i7-7740X @ 4.30GHz	12293	220	37.83	\$324.95
Intel Core i7-7800X @ 3.50GHz	14627	152	36.57	\$399.99
Intel Core i7-7820HK @ 2.90GHz	9985	317	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9247	382	24.47	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18490	75	30.34	\$609.53
Intel Core i7-7900X @ 3.30GHz	20406	50	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9986	316	NA	NA
Intel Core i7-8086K @ 4.00GHz	16684	98	30.17	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	4075	1018	10.37	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8287	469	NA	NA
Intel Core i7-8559U @ 2.70GHz	12373	216	NA	NA
Intel Core i7-8565U @ 1.80GHz	9005	409	NA	NA
Intel Core i7-8650U @ 1.90GHz	8791	430	NA	NA
Intel Core i7-8665U @ 1.90GHz	9018	407	22.05	\$409.00*
Intel Core i7-8700 @ 3.20GHz	15160	139	50.54	\$299.99
Intel Core i7-8700B @ 3.20GHz	14633	151	48.30	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15961	121	45.61	\$349.99
Intel Core i7-8700T @ 2.40GHz	12710	208	37.94	\$334.99
Intel Core i7-8705G @ 3.10GHz	9902	323	7.03	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10494	279	NA	NA

Intel Core i7-8709G @ 3.10GHz	9780	336	NA	NA
Intel Core i7-8750H @ 2.20GHz	12463	215	31.55	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11036	251	NA	NA
Intel Core i7-8850H @ 2.60GHz	13074	198	33.10	\$395.00*
Intel Core i7-9700 @ 3.00GHz	15929	123	48.27	\$329.99
Intel Core i7-9700F @ 3.00GHz	16811	96	43.22	\$388.94
Intel Core i7-9700K @ 3.60GHz	17181	91	45.82	\$374.99
Intel Core i7-9700KF @ 3.60GHz	17194	90	45.25	\$379.99
Intel Core i7-9750H @ 2.60GHz	13815	177	NA	NA
Intel Core i7-9800X @ 3.80GHz	19866	56	30.49	\$651.57
Intel Core i7-9850H @ 2.60GHz	13981	171	35.40	\$395.00*
Intel Core i9-7900X @ 3.30GHz	21899	35	23.05	\$949.99
Intel Core i9-7920X @ 2.90GHz	23371	26	24.09	\$969.99
Intel Core i9-7940X @ 3.10GHz	25373	16	19.52	\$1,299.99
Intel Core i9-7960X @ 2.80GHz	25974	12	18.55	\$1,399.99*
Intel Core i9-7980XE @ 2.60GHz	27854	7	14.07	\$1,979.99
Intel Core i9-8950HK @ 2.90GHz	14306	160	24.54	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21674	39	26.27	\$825.00
Intel Core i9-9880H @ 2.30GHz	17857	82	32.12	\$556.00*
Intel Core i9-9900K @ 3.60GHz	20207	52	41.24	\$489.99
Intel Core i9-9900KF @ 3.60GHz	20557	48	43.74	\$469.99
Intel Core i9-9900X @ 3.50GHz	23022	28	23.02	\$999.99
Intel Core i9-9920X @ 3.50GHz	25784	13	21.49	\$1,199.99
Intel Core i9-9940X @ 3.30GHz	27285	9	19.64	\$1,389.00
Intel Core i9-9960X @ 3.10GHz	28563	5	16.81	\$1,699.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-9980HK @ 2.40GHz	17211	89	29.52	\$583.00*
Intel Core i9-9980XE @ 3.00GHz	29611	2	14.81	\$1,999.00
Intel Core m3-6Y30 @ 0.90GHz	3051	1289	10.86	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3553	1139	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1202	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3562	1137	12.68	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3372	1189	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3244	1222	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3467	1164	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2702	1407	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1518	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2816	1369	10.02	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1361	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2483	1486	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3018	1296	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2975	1312	10.59	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2589	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2582	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2499	NA	NA
Intel Core Solo U1300 @ 1.06GHz	273	2742	NA	NA

Intel Core Solo U1400 @ 1.20GHz	278	2736	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2657	NA	NA
Intel E3000 @ 3.40GHz	2767	1384	NA	NA
Intel Pentium 4 1.40GHz	164	2843	NA	NA
Intel Pentium 4 1.50GHz	131	2860	NA	NA
Intel Pentium 4 1.60GHz	129	2862	NA	NA
Intel Pentium 4 1.70GHz	132	2859	NA	NA
Intel Pentium 4 1.80GHz	161	2846	NA	NA
Intel Pentium 4 1.90GHz	159	2847	NA	NA
Intel Pentium 4 2.00GHz	189	2825	NA	NA
Intel Pentium 4 2.20GHz	209	2807	NA	NA
Intel Pentium 4 2.26GHz	221	2795	NA	NA
Intel Pentium 4 2.40GHz	228	2789	NA	NA
Intel Pentium 4 2.50GHz	245	2773	NA	NA
Intel Pentium 4 2.53GHz	248	2769	NA	NA
Intel Pentium 4 2.60GHz	288	2715	NA	NA
Intel Pentium 4 2.66GHz	254	2761	NA	NA
Intel Pentium 4 2.80GHz	322	2663	NA	NA
Intel Pentium 4 2.93GHz	299	2697	NA	NA
Intel Pentium 4 3.00GHz	353	2635	NA	NA
Intel Pentium 4 3.06GHz	346	2639	NA	NA
Intel Pentium 4 3.20GHz	373	2608	NA	NA
Intel Pentium 4 3.40GHz	395	2584	NA	NA
Intel Pentium 4 3.46GHz	454	2517	NA	NA
Intel Pentium 4 3.60GHz	487	2480	NA	NA
Intel Pentium 4 3.73GHz	486	2481	NA	NA
Intel Pentium 4 3.80GHz	485	2483	NA	NA
Intel Pentium 4 3.83GHz	195	2820	NA	NA
Intel Pentium 4 4.00GHz	184	2830	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1300MHz	119	2866	NA	NA
Intel Pentium 4 1400MHz	127	2863	NA	NA
Intel Pentium 4 1500MHz	125	2864	NA	NA
Intel Pentium 4 1600MHz	193	2824	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2850	NA	NA
Intel Pentium 4 1800MHz	162	2845	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2853	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2819	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2836	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2808	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2839	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2806	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2815	NA	NA
Intel Pentium 5 2.66GHz	705	2358	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2144	8.18	\$134.00*

Intel Pentium 967 @ 1.30GHz	1156	2112	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2116	NA	NA
Intel Pentium 987 @ 1.50GHz	1230	2069	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	1971	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1395	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1297	NA	NA
Intel Pentium 2020M @ 2.40GHz	2273	1565	16.96	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2411	1507	18.00	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1654	1855	12.35	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1820	1769	13.58	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2166	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2270	1568	NA	NA
Intel Pentium 3556U @ 1.70GHz	1696	1828	NA	NA
Intel Pentium 3558U @ 1.70GHz	1681	1836	NA	NA
Intel Pentium 3560M @ 2.40GHz	2270	1567	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2048	NA	NA
Intel Pentium 3805U @ 1.90GHz	1982	1683	NA	NA
Intel Pentium 3825U @ 1.90GHz	2519	1470	NA	NA
Intel Pentium 4405U @ 2.10GHz	2931	1329	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1652	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2047	1656	12.72	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3150	1259	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2229	1585	13.85	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3359	1193	20.87	\$161.00*
Intel Pentium 5405U @ 2.30GHz	3177	1243	19.74	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1881	NA	NA
Intel Pentium B940 @ 2.00GHz	1727	1805	57.69	\$29.94*
Intel Pentium B950 @ 2.10GHz	1719	1808	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1749	37.82	\$48.99*
Intel Pentium B970 @ 2.30GHz	1953	1696	38.32	\$50.99*
Intel Pentium B980 @ 2.40GHz	2025	1664	28.96	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1077	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	529	2447	NA	NA
Intel Pentium D 830 @ 3.00GHz	641	2391	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium D 915 @ 2.80GHz	583	2418	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2354	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2342	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2313	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2280	5.51	\$157.95*
Intel Pentium E2160 @ 1.80GHz	997	2202	8.49	\$117.50
Intel Pentium E2180 @ 2.00GHz	1088	2148	36.29	\$29.99
Intel Pentium E2200 @ 2.20GHz	1203	2082	16.05	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2097	NA	NA
Intel Pentium E2220 @ 2.40GHz	1329	2008	8.42	\$157.95*

Intel Pentium E5200 @ 2.50GHz	1486	1935	16.53	\$89.95*
Intel Pentium E5300 @ 2.60GHz	1537	1908	66.89	\$22.99*
Intel Pentium E5400 @ 2.70GHz	1599	1885	80.01	\$19.99*
Intel Pentium E5500 @ 2.80GHz	1637	1864	82.07	\$19.95*
Intel Pentium E5700 @ 3.00GHz	1736	1802	115.85	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1891	1731	63.08	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1705	1822	165.54	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1764	1785	11.17	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1861	1746	18.61	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1933	1706	113.82	\$16.99*
Intel Pentium E6800 @ 3.33GHz	1988	1680	22.34	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2265	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2227	NA	NA
Intel Pentium G620 @ 2.60GHz	2293	1550	91.76	\$24.99*
Intel Pentium G620T @ 2.20GHz	2028	1661	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2370	1524	23.70	\$100.00
Intel Pentium G630T @ 2.30GHz	2089	1639	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2522	1468	16.82	\$150.00
Intel Pentium G640T @ 2.40GHz	1979	1684	NA	NA
Intel Pentium G645 @ 2.90GHz	2590	1441	16.19	\$160.00*
Intel Pentium G645T @ 2.50GHz	2293	1551	NA	NA
Intel Pentium G840 @ 2.80GHz	2561	1453	73.21	\$34.99*
Intel Pentium G850 @ 2.90GHz	2666	1417	22.45	\$118.77
Intel Pentium G860 @ 3.00GHz	2740	1397	33.02	\$82.99
Intel Pentium G870 @ 3.10GHz	2814	1371	29.01	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2594	1439	74.36	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2756	1392	45.98	\$59.95
Intel Pentium G2020T @ 2.50GHz	2418	1504	50.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2869	1354	71.77	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2487	1483	38.86	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1388	NA	NA
Intel Pentium G2120 @ 3.10GHz	3080	1279	19.31	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3204	1233	64.10	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3384	1185	41.28	\$82.00
Intel Pentium G3220 @ 3.00GHz	3126	1263	27.13	\$115.25
Intel Pentium G3220T @ 2.60GHz	2577	1445	36.83	\$69.99*
Intel Pentium G3240 @ 3.10GHz	3157	1257	28.83	\$109.55
Intel Pentium G3240T @ 2.70GHz	2840	1358	NA	NA
Intel Pentium G3250 @ 3.20GHz	3243	1223	29.49	\$109.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3250T @ 2.80GHz	2971	1315	33.02	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3871	1059	20.56	\$188.28
Intel Pentium G3260 @ 3.30GHz	3359	1192	24.00	\$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1330	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1515	NA	NA

Intel Pentium G3420 @ 3.20GHz	3397	1179	25.46	\$133.43*
Intel Pentium G3420T @ 2.70GHz	3008	1302	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1181	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3314	1203	20.72	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1271	NA	NA
Intel Pentium G3450 @ 3.40GHz	3700	1105	37.01	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1317	NA	NA
Intel Pentium G3460 @ 3.50GHz	3582	1131	12.43	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3704	1104	35.53	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3541	1143	30.81	\$114.95
Intel Pentium G4400T @ 2.90GHz	3176	1244	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1352	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3799	1080	41.80	\$90.91
Intel Pentium G4500T @ 3.00GHz	3471	1161	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	998	40.24	\$103.99*
Intel Pentium G4560 @ 3.50GHz	4864	866	52.11	\$93.34
Intel Pentium G4560T @ 2.90GHz	3990	1035	36.28	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5076	818	27.00	\$187.99
Intel Pentium G4600T @ 3.00GHz	4266	982	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5210	795	45.84	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1859	1747	46.49	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1616	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2059	1653	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5199	798	72.63	\$71.59
Intel Pentium Gold G5400T @ 3.10GHz	5048	826	78.89	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5195	799	41.56	\$125.02
Intel Pentium Gold G5500T @ 3.20GHz	4346	967	57.95	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5660	733	52.05	\$108.75*
Intel Pentium III 933S @ 933MHz	238	2782	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2720	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2735	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2680	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2700	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2696	NA	NA
Intel Pentium III Mobile 750MHz	103	2869	NA	NA
Intel Pentium III Mobile 800MHz	182	2833	NA	NA
Intel Pentium III Mobile 866MHz	152	2851	NA	NA
Intel Pentium III Mobile 933MHz	218	2797	7.55	\$28.99*
Intel Pentium III Mobile 1000MHz	245	2772	NA	NA
Intel Pentium III Mobile 1066MHz	246	2771	NA	NA
Intel Pentium III Mobile 1133MHz	251	2765	NA	NA
Intel Pentium III Mobile 1200MHz	240	2779	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1760	NA	NA
Intel Pentium J2900 @ 2.41GHz	1956	1693	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium J3710 @ 1.60GHz	1918	1714	NA	NA

Intel Pentium J4205 @ 1.50GHz	2257	1572	NA	NA
Intel Pentium M 1.10GHz	282	2726	NA	NA
Intel Pentium M 1.20GHz	298	2698	NA	NA
Intel Pentium M 1.30GHz	301	2690	NA	NA
Intel Pentium M 1.40GHz	345	2642	NA	NA
Intel Pentium M 1.50GHz	367	2618	NA	NA
Intel Pentium M 1.60GHz	364	2622	NA	NA
Intel Pentium M 1.70GHz	406	2566	NA	NA
Intel Pentium M 1.73GHz	413	2556	NA	NA
Intel Pentium M 1.80GHz	411	2559	NA	NA
Intel Pentium M 1.86GHz	439	2534	NA	NA
Intel Pentium M 2.00GHz	461	2509	NA	NA
Intel Pentium M 2.10GHz	448	2522	NA	NA
Intel Pentium M 2.13GHz	505	2469	NA	NA
Intel Pentium M 2.26GHz	509	2465	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2488	NA	NA
Intel Pentium M 900MHz	217	2800	NA	NA
Intel Pentium M 1000MHz	233	2785	NA	NA
Intel Pentium M 1100MHz	259	2757	NA	NA
Intel Pentium M 1200MHz	237	2783	NA	NA
Intel Pentium M 1300MHz	303	2684	NA	NA
Intel Pentium M 1400MHz	320	2665	NA	NA
Intel Pentium M 1500MHz	354	2632	NA	NA
Intel Pentium M 1600MHz	335	2653	NA	NA
Intel Pentium M 1700MHz	376	2604	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1917	NA	NA
Intel Pentium N3520 @ 2.16GHz	1789	1778	NA	NA
Intel Pentium N3530 @ 2.16GHz	1894	1727	NA	NA
Intel Pentium N3540 @ 2.16GHz	1925	1709	7.68	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1831	1763	4.12	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1865	1744	NA	NA
Intel Pentium N4200 @ 1.10GHz	2028	1662	9.26	\$219.02
Intel Pentium P6000 @ 1.87GHz	1243	2063	NA	NA
Intel Pentium P6100 @ 2.00GHz	1325	2010	46.62	\$28.44
Intel Pentium P6200 @ 2.13GHz	1349	1998	30.03	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1980	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2907	1340	13.22	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2433	1498	15.12	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2567	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2290	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2295	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2378	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2360	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2355	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2344	NA	NA
Intel Pentium T2330 @ 1.60GHz	830	2301	NA	NA

Intel Pentium T2370 @ 1.73GHz	844	2294	24.14	\$35.00*
Intel Pentium T2390 @ 1.86GHz	946	2243	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2410 @ 2.00GHz	977	2215	NA	NA
Intel Pentium T3200 @ 2.00GHz	1033	2178	86.14	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1113	2130	12.38	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1151	2114	95.94	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1232	2067	NA	NA
Intel Pentium T4400 @ 2.20GHz	1283	2038	NA	NA
Intel Pentium T4500 @ 2.30GHz	1334	2006	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2308	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2236	NA	NA
Intel T1200 @ 1.50GHz	435	2540	NA	NA
Intel T1400 @ 1.73GHz	929	2250	NA	NA
Intel T1500 @ 1.86GHz	953	2235	NA	NA
Intel T2050 @ 2.00GHz	959	2230	NA	NA
Intel Xeon 2.00GHz	233	2784	NA	NA
Intel XEON 2.20GHz	252	2763	NA	NA
Intel Xeon 2.40GHz	276	2738	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2539	NA	NA
Intel Xeon 2.80GHz	400	2579	NA	NA
Intel Xeon 3.00GHz	391	2592	NA	NA
Intel Xeon 3.06GHz	491	2475	NA	NA
Intel Xeon 3.20GHz	461	2510	NA	NA
Intel Xeon 3.40GHz	478	2492	NA	NA
Intel Xeon 3.60GHz	509	2464	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2174	NA	NA
Intel Xeon 3.80GHz	604	2407	0.71	\$851.00*
Intel Xeon 1500MHz	193	2823	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	2037	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2021	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1918	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1916	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1780	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1758	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1898	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2157	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	2061	0.77	\$1,619.99
Intel Xeon 5130 @ 2.00GHz	1366	1986	43.44	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1886	NA	NA
Intel Xeon 5140 @ 2.33GHz	1644	1857	35.00	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1892	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1752	1792	12.52	\$139.95*
Intel Xeon 5160 @ 3.00GHz	1963	1692	52.38	\$37.49*
Intel Xeon @ 2.20GHz	1902	1722	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5664	732	23.80	\$237.99

Intel Xeon Bronze 3106 @ 1.70GHz	6890	608	20.88	\$329.99
Intel Xeon D-1518 @ 2.20GHz	5322	784	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	721	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	595	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	475	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	340	27.96	\$348.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1537 @ 1.70GHz	7731	522	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	274	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11102	248	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	270	19.24	\$555.00*
Intel Xeon D-1559 @ 1.50GHz	8055	491	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	156	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	167	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	483	38.22	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	202	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	176	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18627	72	10.56	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6089	688	110.74	\$54.99
Intel Xeon E3-1220 V2 @ 3.10GHz	6706	628	91.88	\$72.99
Intel Xeon E3-1220 v3 @ 3.10GHz	7162	581	33.31	\$214.99
Intel Xeon E3-1220 v5 @ 3.00GHz	7787	520	29.23	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7790	519	39.15	\$199.00
Intel Xeon E3-1220L @ 2.20GHz	3563	1136	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	953	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1632	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5889	705	81.81	\$71.99
Intel Xeon E3-1225 V2 @ 3.20GHz	6936	602	79.74	\$86.99
Intel Xeon E3-1225 v3 @ 3.20GHz	7243	575	24.98	\$289.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7820	514	29.18	\$268.04
Intel Xeon E3-1225 v6 @ 3.30GHz	8156	481	34.71	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7562	540	12.71	\$595.00*
Intel Xeon E3-1230 @ 3.20GHz	7848	511	57.71	\$135.99
Intel Xeon E3-1230 V2 @ 3.30GHz	8853	425	65.11	\$135.99
Intel Xeon E3-1230 v3 @ 3.30GHz	9324	375	29.05	\$320.99
Intel Xeon E3-1230 v5 @ 3.40GHz	9786	334	34.95	\$279.99
Intel Xeon E3-1230 v6 @ 3.50GHz	9847	327	37.88	\$259.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	576	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9623	349	18.87	\$509.95
Intel Xeon E3-1235 @ 3.20GHz	7680	529	31.48	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	647	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7962	504	61.25	\$129.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9137	391	56.41	\$161.99
Intel Xeon E3-1240 v3 @ 3.40GHz	9665	346	25.14	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10374	285	30.36	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10397	284	36.08	\$288.14

Intel Xeon E3-1240L v3 @ 2.00GHz	7513	543	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	518	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10018	310	27.08	\$369.99
Intel Xeon E3-1245 @ 3.30GHz	7997	500	76.17	\$104.99
Intel Xeon E3-1245 V2 @ 3.40GHz	9127	393	51.57	\$176.99
Intel Xeon E3-1245 v3 @ 3.40GHz	9570	351	30.97	\$309.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10181	296	29.48	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10543	275	34.01	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9856	326	24.10	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6534	643	76.32	\$85.62
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	292	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	6038	693	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7428	553	24.36	\$305.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9216	384	12.98	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	400	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	510	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	437	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	472	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9471	362	33.56	\$282.22
Intel Xeon E3-1270 v3 @ 3.50GHz	9916	321	26.80	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10309	288	21.00	\$490.99
Intel Xeon E3-1270 v6 @ 3.80GHz	11184	245	33.03	\$338.61
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	269	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10093	304	11.37	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8215	474	27.03	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9447	366	23.93	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	9915	322	24.73	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10366	287	18.75	\$553.00*
Intel Xeon E3-1275 v6 @ 3.80GHz	11016	253	29.95	\$367.83
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	420	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10204	294	9.51	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8465	453	23.01	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9447	364	11.00	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9786	335	14.03	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	271	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11463	240	20.57	\$557.26*
Intel Xeon E3-1281 v3 @ 3.70GHz	10276	291	11.71	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	280	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	277	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	230	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	318	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	256	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	324	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	357	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	436	9.83	\$885.00*

Intel Xeon E3-1290 V2 @ 3.70GHz	9709	345	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	658	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8934	419	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9715	343	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10093	305	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9341	372	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10576	273	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10443	282	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10625	272	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	265	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	299	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	569	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	552	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5574	742	21.23	\$262.59*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1603 v3 @ 2.80GHz	6186	673	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6424	650	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5886	706	267.69	\$21.99*
Intel Xeon E5-1607 v2 @ 3.00GHz	6211	672	177.74	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	6961	597	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7256	573	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9032	404	27.38	\$329.93*
Intel Xeon E5-1620 v2 @ 3.70GHz	9484	360	97.78	\$96.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9757	338	60.99	\$159.99
Intel Xeon E5-1620 v4 @ 3.50GHz	9925	319	31.31	\$316.99
Intel Xeon E5-1630 v3 @ 3.70GHz	10214	293	17.09	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10296	289	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11720	236	23.68	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12710	207	105.97	\$119.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13620	186	68.79	\$198.00
Intel Xeon E5-1650 v4 @ 3.60GHz	14219	163	22.43	\$633.99
Intel Xeon E5-1660 @ 3.30GHz	12361	217	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13798	178	7.63	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14613	153	9.04	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16172	115	13.15	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16222	112	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16389	106	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	93	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	78	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1149	23.65	\$149.00*
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1173	94.99	\$35.99
Intel Xeon E5-2407 @ 2.20GHz	4188	997	12.50	\$335.00*
Intel Xeon E5-2407 v2 @ 2.40GHz	4498	937	9.44	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	797	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	592	18.06	\$390.02*

Intel Xeon E5-2420 v2 @ 2.20GHz	8694	438	51.53	\$168.74*
Intel Xeon E5-2430 @ 2.20GHz	6878	609	67.35	\$102.12*
Intel Xeon E5-2430 v2 @ 2.50GHz	8991	411	89.91	\$100.00
Intel Xeon E5-2430L @ 2.00GHz	7269	572	225.19	\$32.28
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	634	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	388	70.61	\$130.00*
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	377	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	415	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10108	303	27.39	\$369.00
Intel Xeon E5-2450L @ 1.80GHz	8261	470	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	10061	309	110.05	\$91.43
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	203	75.94	\$169.03
Intel Xeon E5-2603 @ 1.80GHz	3580	1132	143.58	\$24.94
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1087	94.18	\$39.99
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	805	12.02	\$430.99*
Intel Xeon E5-2603 v4 @ 1.70GHz	5431	761	23.62	\$229.99
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	509	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4616	909	104.94	\$43.99
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	807	36.89	\$139.60
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	704	14.79	\$399.00*
Intel Xeon E5-2609 v4 @ 1.70GHz	6905	607	21.58	\$319.99
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	225	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	154	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7900	506	90.84	\$86.97
Intel Xeon E5-2620 v2 @ 2.10GHz	8687	440	280.44	\$30.98
Intel Xeon E5-2620 v3 @ 2.40GHz	10011	311	23.42	\$427.56
Intel Xeon E5-2620 v4 @ 2.10GHz	11354	242	31.54	\$359.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	413	33.29	\$269.99
Intel Xeon E5-2623 v4 @ 2.60GHz	8444	456	15.38	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	368	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	219	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	197	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	252	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8860	424	92.30	\$95.99
Intel Xeon E5-2630 v2 @ 2.60GHz	10405	283	231.28	\$44.99
Intel Xeon E5-2630 v3 @ 2.40GHz	12794	204	42.64	\$300.03
Intel Xeon E5-2630 v4 @ 2.20GHz	13908	172	21.07	\$659.99
Intel Xeon E5-2630L @ 2.00GHz	7865	507	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	398	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	342	28.62	\$339.95*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	201	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9447	365	46.87	\$201.56
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	301	7.81	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10497	278	9.67	\$1,085.99

Intel Xeon E5-2640 @ 2.50GHz	9356	369	98.50	\$94.99
Intel Xeon E5-2640 v2 @ 2.00GHz	10143	297	43.12	\$235.24
Intel Xeon E5-2640 v3 @ 2.60GHz	13885	173	47.67	\$291.29*
Intel Xeon E5-2640 v4 @ 2.40GHz	15380	136	15.58	\$986.99
Intel Xeon E5-2643 @ 3.30GHz	8401	460	47.57	\$176.61
Intel Xeon E5-2643 v2 @ 3.50GHz	13107	196	119.16	\$110.00
Intel Xeon E5-2643 v3 @ 3.40GHz	13844	175	44.66	\$310.00
Intel Xeon E5-2643 v4 @ 3.40GHz	13655	181	8.22	\$1,660.61*
Intel Xeon E5-2648L @ 1.80GHz	7426	555	NA	NA
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	241	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	182	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	150	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10110	302	96.88	\$104.37*
Intel Xeon E5-2650 v2 @ 2.60GHz	13210	193	176.19	\$74.98
Intel Xeon E5-2650 v3 @ 2.30GHz	14844	147	34.13	\$435.00
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	128	13.22	\$1,199.99
Intel Xeon E5-2650L @ 1.80GHz	8332	467	105.47	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9732	339	129.77	\$75.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	189	11.37	\$1,188.14*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	166	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	243	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	359	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	174	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	111	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	97	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11060	250	159.17	\$69.49
Intel Xeon E5-2660 v2 @ 2.20GHz	13186	195	100.68	\$130.97
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	114	21.05	\$768.99
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	95	11.25	\$1,499.99*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	169	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11525	239	102.92	\$111.99
Intel Xeon E5-2667 @ 2.90GHz	10372	286	197.57	\$52.50*
Intel Xeon E5-2667 v2 @ 3.30GHz	16187	113	85.20	\$189.99
Intel Xeon E5-2667 v3 @ 3.20GHz	16166	116	18.90	\$855.30*
Intel Xeon E5-2667 v4 @ 3.20GHz	16684	99	8.56	\$1,949.03
Intel Xeon E5-2670 @ 2.60GHz	12114	227	81.30	\$149.00
Intel Xeon E5-2670 v2 @ 2.50GHz	14988	143	72.94	\$205.49
Intel Xeon E5-2670 v3 @ 2.30GHz	16494	102	54.98	\$300.00
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	109	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16383	107	23.41	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	42	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15073	140	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	84	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17290	87	NA	NA

Intel Xeon E5-2679 v4 @ 2.50GHz	25266	17	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12555	214	169.08	\$74.26
Intel Xeon E5-2680 v2 @ 2.80GHz	15894	127	65.99	\$240.86
Intel Xeon E5-2680 v3 @ 2.50GHz	18561	74	53.04	\$349.99
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	55	13.18	\$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	49	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17379	86	34.08	\$509.99
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	70	8.62	\$2,208.93*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	142	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	67	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	58	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14347	159	65.82	\$217.99
Intel Xeon E5-2687W v2 @ 3.40GHz	16477	103	40.29	\$409.00
Intel Xeon E5-2687W v3 @ 3.10GHz	17752	83	30.09	\$589.99
Intel Xeon E5-2687W v4 @ 3.00GHz	19855	57	9.13	\$2,174.99
Intel Xeon E5-2689 @ 2.60GHz	13460	192	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	59	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13527	188	138.69	\$97.54
Intel Xeon E5-2690 v2 @ 3.00GHz	16433	104	27.90	\$588.99
Intel Xeon E5-2690 v3 @ 2.60GHz	19214	69	49.49	\$388.28
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	44	9.83	\$2,169.99
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	119	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15993	120	63.97	\$250.00
Intel Xeon E5-2695 v3 @ 2.30GHz	19673	61	19.48	\$1,009.99
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	51	7.70	\$2,629.42*
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	101	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	29	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	45	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17224	88	37.53	\$459.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2697 v3 @ 2.60GHz	21430	43	42.02	\$509.99
Intel Xeon E5-2697 v4 @ 2.30GHz	21506	41	7.75	\$2,775.99
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	30	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21081	46	6.16	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	37	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	31	8.92	\$2,509.00*
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	25	3.94	\$5,954.79
Intel Xeon E5-4603 @ 2.00GHz	5014	838	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	383	NA	NA
Intel Xeon E5-4617 @ 2.90GHz	9029	405	100.44	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	485	60.56	\$134.21*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	155	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	132	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	276	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	209	NA	NA

Intel Xeon E5-4648 v3 @ 1.70GHz	11097	249	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11860	233	124.21	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	234	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	221	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	125	11.36	\$1,399.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	129	3.30	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	184	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1267	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2157	1609	93.86	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1501	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1580	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1969	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1502	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1570	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1553	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1473	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2920	1334	73.02	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2831	1362	47.99	\$59.00*
Intel Xeon E5410 @ 2.33GHz	3261	1215	15.61	\$208.95*
Intel Xeon E5420 @ 2.50GHz	3492	1156	13.44	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3761	1089	54.52	\$69.00*
Intel Xeon E5440 @ 2.83GHz	3963	1044	209.16	\$18.95*
Intel Xeon E5450 @ 3.00GHz	4189	996	14.01	\$298.94*
Intel Xeon E5462 @ 2.80GHz	3871	1058	141.82	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4088	1016	136.11	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	1982	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1381	1978	4.81	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2686	1413	38.41	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2975	1313	47.22	\$63.01*
Intel Xeon E5507 @ 2.27GHz	3125	1264	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4435	950	109.95	\$40.34
Intel Xeon E5530 @ 2.40GHz	4564	921	18.55	\$246.00*
Intel Xeon E5540 @ 2.53GHz	4807	874	81.49	\$59.00*
Intel Xeon E5603 @ 1.60GHz	2366	1526	18.34	\$129.04*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5606 @ 2.13GHz	3054	1288	13.95	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3380	1187	15.44	\$219.00*
Intel Xeon E5620 @ 2.40GHz	4802	879	81.42	\$58.99
Intel Xeon E5630 @ 2.53GHz	5081	817	145.17	\$35.00*
Intel Xeon E5640 @ 2.67GHz	5256	790	88.36	\$59.49*
Intel Xeon E5645 @ 2.40GHz	6424	651	59.49	\$107.98*
Intel Xeon E5649 @ 2.53GHz	6936	603	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1505	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	513	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9544	355	43.39	\$219.99

Intel Xeon E-2124G @ 3.40GHz	9816	331	38.63	\$254.10
Intel Xeon E-2126G @ 3.30GHz	13995	168	46.65	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10909	260	38.96	\$279.99
Intel Xeon E-2136 @ 3.30GHz	15899	124	50.32	\$315.99
Intel Xeon E-2144G @ 3.60GHz	10941	258	33.98	\$321.99
Intel Xeon E-2146G @ 3.50GHz	15896	126	44.78	\$354.99
Intel Xeon E-2174G @ 3.80GHz	12262	223	32.68	\$375.20
Intel Xeon E-2176G @ 3.70GHz	15594	131	38.22	\$407.99
Intel Xeon E-2176M @ 2.70GHz	13641	183	30.31	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	16057	118	30.59	\$524.99
Intel Xeon E-2186M @ 2.90GHz	14696	148	23.59	\$623.00*
Intel Xeon Gold 5117 @ 2.00GHz	16672	100	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16389	105	12.39	\$1,322.83
Intel Xeon Gold 5120 @ 2.20GHz	16308	110	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	79	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10894	261	8.58	\$1,269.99
Intel Xeon Gold 6126 @ 2.60GHz	19711	60	10.51	\$1,876.15
Intel Xeon Gold 6128 @ 3.40GHz	14941	145	8.13	\$1,837.99*
Intel Xeon Gold 6130 @ 2.10GHz	19277	66	9.89	\$1,949.99
Intel Xeon Gold 6132 @ 2.60GHz	23907	23	10.84	\$2,205.00*
Intel Xeon Gold 6134 @ 3.20GHz	18083	80	7.94	\$2,279.00
Intel Xeon Gold 6136 @ 3.00GHz	21061	47	8.04	\$2,618.73
Intel Xeon Gold 6138 @ 2.00GHz	25774	14	9.62	\$2,679.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	22	9.82	\$2,439.99
Intel Xeon Gold 6144 @ 3.50GHz	19654	63	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	18	6.31	\$3,982.51*
Intel Xeon Gold 6148 @ 2.40GHz	26660	11	8.19	\$3,253.99
Intel Xeon Gold 6152 @ 2.10GHz	23498	24	6.18	\$3,799.99
Intel Xeon Gold 6154 @ 3.00GHz	27722	8	7.37	\$3,759.89*
Intel Xeon Gold 6230 @ 2.10GHz	24600	19	12.37	\$1,989.35
Intel Xeon L3110 @ 3.00GHz	2273	1564	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1088	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2004	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	1067	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1767	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1566	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1561	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1615	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1393	146.68	\$18.79*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5408 @ 2.13GHz	3014	1298	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1190	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3503	1155	127.39	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3723	1101	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1102	16.59	\$224.00*

Intel Xeon L5520 @ 2.27GHz	4387	958	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	965	225.95	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4369	961	67.22	\$65.00*
Intel Xeon L5638 @ 2.00GHz	5556	744	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	610	NA	NA
Intel Xeon L5640 @ 2.27GHz	6278	666	209.50	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1068	NA	NA
Intel Xeon MV 3.20GHz	683	2370	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26835	10	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	601	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	3	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	4	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	6	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	30583	1	3.51	\$8,725.00*
Intel Xeon Silver 4108 @ 1.80GHz	10722	267	23.83	\$449.99
Intel Xeon Silver 4109T @ 2.00GHz	10946	257	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11670	237	24.36	\$479.00
Intel Xeon Silver 4112 @ 2.60GHz	8611	445	16.75	\$513.99
Intel Xeon Silver 4114 @ 2.20GHz	14298	161	21.16	\$675.76
Intel Xeon Silver 4116 @ 2.10GHz	15397	135	14.66	\$1,049.99
Intel Xeon Silver 4123 @ 3.00GHz	15185	138	NA	NA
Intel Xeon Silver 4215 @ 2.50GHz	15440	133	20.61	\$749.00*
Intel Xeon W3503 @ 2.40GHz	1756	1789	108.30	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1844	1753	74.18	\$24.86*
Intel Xeon W3520 @ 2.67GHz	5057	824	105.36	\$48.00*
Intel Xeon W3530 @ 2.80GHz	5346	779	18.19	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	754	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5694	727	189.88	\$29.99*
Intel Xeon W3565 @ 3.20GHz	5939	700	84.91	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6062	691	12.63	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6366	660	29.68	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8121	487	16.24	\$499.99*
Intel Xeon W3680 @ 3.33GHz	9026	406	11.88	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9129	392	46.82	\$195.01
Intel Xeon W5580 @ 3.20GHz	5836	714	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	675	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	6954	599	29.49	\$235.83*
Intel Xeon W-2104 @ 3.20GHz	7439	551	29.17	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10695	268	32.75	\$326.62
Intel Xeon W-2125 @ 4.00GHz	12344	218	24.54	\$503.10*
Intel Xeon W-2133 @ 3.60GHz	14207	164	23.03	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16322	108	18.01	\$906.28*
Intel Xeon W-2140B @ 3.20GHz	18610	73	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19656	62	16.48	\$1,192.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2150B @ 3.00GHz	21543	40	NA	NA

Intel Xeon W-2155 @ 3.30GHz	21773	38	14.23	\$1,530.39*
Intel Xeon W-2175 @ 2.50GHz	24454	20	12.56	\$1,947.00*
Intel Xeon W-2195 @ 2.30GHz	24081	21	8.67	\$2,777.20*
Intel Xeon X3210 @ 2.13GHz	2739	1398	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1275	51.35	\$60.15*
Intel Xeon X3230 @ 2.66GHz	3398	1178	9.44	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3309	1207	14.42	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3172	1246	163.85	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3379	1188	16.09	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1074	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1063	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3942	1049	24.96	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3989	1036	117.02	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	980	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	897	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3342	1199	202.18	\$16.53*
Intel Xeon X3440 @ 2.53GHz	4521	933	31.85	\$141.96*
Intel Xeon X3450 @ 2.67GHz	4751	886	59.43	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5014	836	14.05	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5114	810	46.78	\$109.34*
Intel Xeon X3480 @ 3.07GHz	5657	734	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1490	45.47	\$54.00*
Intel Xeon X5270 @ 3.50GHz	2553	1456	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1514	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3181	1241	10.27	\$309.95*
Intel Xeon X5365 @ 3.00GHz	3524	1148	35.42	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4112	1014	68.59	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4328	971	94.12	\$45.99*
Intel Xeon X5470 @ 3.33GHz	4590	917	24.29	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4014	1027	17.84	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4529	932	45.30	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	864	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5353	777	17.56	\$304.85*
Intel Xeon X5560 @ 2.80GHz	5399	768	158.85	\$33.99
Intel Xeon X5570 @ 2.93GHz	5679	729	63.81	\$89.00*
Intel Xeon X5647 @ 2.93GHz	5920	702	29.64	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7370	562	105.30	\$69.99
Intel Xeon X5660 @ 2.80GHz	7578	539	312.65	\$24.24*
Intel Xeon X5667 @ 3.07GHz	6291	664	269.66	\$23.33
Intel Xeon X5670 @ 2.93GHz	7857	508	262.01	\$29.99
Intel Xeon X5672 @ 3.20GHz	6397	655	1.49	\$4,280.00*
Intel Xeon X5675 @ 3.07GHz	8153	482	148.27	\$54.99
Intel Xeon X5677 @ 3.47GHz	6951	600	182.55	\$38.08*
Intel Xeon X5679 @ 3.20GHz	8845	426	NA	NA
Intel Xeon X5680 @ 3.33GHz	8395	461	111.94	\$75.00
Intel Xeon X5687 @ 3.60GHz	7076	588	141.67	\$49.95*
Intel Xeon X5690 @ 3.47GHz	8878	423	51.62	\$171.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5698 @ 4.40GHz	4272	981	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1311	NA	NA
Mobile AMD Athlon 4	314	2674	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2629	NA	NA
Mobile AMD Athlon 64 2700+	398	2580	NA	NA
Mobile AMD Athlon 64 2800+	440	2531	NA	NA
Mobile AMD Athlon 64 3000+	450	2520	NA	NA
Mobile AMD Athlon 64 3200+	448	2523	NA	NA
Mobile AMD Athlon 64 3400+	511	2462	NA	NA
Mobile AMD Athlon 64 3700+	435	2541	NA	NA
Mobile AMD Athlon 64 4000+	576	2423	NA	NA
Mobile AMD Athlon 1400+	266	2749	NA	NA
Mobile AMD Athlon 2500+	370	2613	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2750	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2602	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2704	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2473	NA	NA
Mobile AMD Athlon XP	572	2427	45.81	\$12.49
Mobile AMD Athlon XP-M	512	2461	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2831	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2753	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2755	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2661	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2699	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2646	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2692	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2623	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2641	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2638	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2612	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2621	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2620	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2532	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2479	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2466	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2711	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2702	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2652	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2610	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2495	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2468	NA	NA
Mobile AMD Sempron 2100+	252	2764	NA	NA
Mobile AMD Sempron 2600+	394	2587	NA	NA
Mobile AMD Sempron 2800+	361	2626	NA	NA

Mobile AMD Sempron 3000+	389	2596	NA	NA
Mobile AMD Sempron 3100+	416	2554	NA	NA
Mobile AMD Sempron 3200+	354	2633	NA	NA
Mobile AMD Sempron 3300+	445	2525	NA	NA
Mobile AMD Sempron 3400+	441	2530	NA	NA
Mobile AMD Sempron 3500+	408	2563	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Sempron 3600+	427	2549	NA	NA
Mobile AMD Sempron 3800+	485	2484	NA	NA
Mobile Intel Celeron 1.20GHz	170	2842	NA	NA
Mobile Intel Celeron 1.50GHz	188	2826	NA	NA
Mobile Intel Celeron 1.60GHz	188	2827	NA	NA
Mobile Intel Celeron 1.70GHz	181	2835	NA	NA
Mobile Intel Celeron 1.80GHz	186	2829	NA	NA
Mobile Intel Celeron 2.00GHz	204	2811	NA	NA
Mobile Intel Celeron 2.20GHz	226	2791	NA	NA
Mobile Intel Celeron 2.40GHz	239	2780	NA	NA
Mobile Intel Celeron 2.50GHz	281	2729	NA	NA
Mobile Intel Celeron 1200MHz	294	2705	NA	NA
Mobile Intel Celeron 1333MHz	280	2732	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2737	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2752	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2734	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2672	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2649	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2630	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2533	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2493	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2821	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2841	0.87	\$199.91
Mobile Intel Pentium 4 - M 1.80GHz	175	2838	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2786	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2816	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2818	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2802	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2759	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2676	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2805	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2817	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2768	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2709	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2792	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2710	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1478	NA	NA
Quad-Core AMD Opteron 1385	3442	1170	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3446	1168	NA	NA

Six-Core AMD Opteron 2419 EE	2925	1332	NA	NA
VIA C3 Ezra	100	2870	NA	NA
VIA C7 1500MHz	284	2721	NA	NA
VIA C7-D 1500MHz	287	2717	NA	NA
VIA C7-D 1800MHz	203	2813	NA	NA
VIA C7-D 2000MHz	368	2616	NA	NA
VIA C7-M 1000MHz	164	2844	NA	NA
VIA C7-M 1200MHz	140	2857	NA	NA
VIA C7-M 1600MHz	178	2837	NA	NA
VIA C7-M 6300MHz	222	2794	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Eden 800MHz	155	2848	NA	NA
VIA Eden 1000MHz	123	2865	NA	NA
VIA Eden 1200MHz	142	2856	NA	NA
VIA Eden C1050@1.06GHz	352	2636	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2491	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	2118	NA	NA
VIA Esther 1000MHz	146	2855	NA	NA
VIA Esther 1300MHz	250	2766	NA	NA
VIA Esther 1500MHz	219	2796	NA	NA
VIA Esther 2000MHz	394	2586	NA	NA
VIA Nano L1900@1400MHz	457	2513	NA	NA
VIA Nano L2007@1600MHz	369	2614	NA	NA
VIA Nano L2100@1800MHz	428	2547	NA	NA
VIA Nano L2207@1600MHz	296	2701	NA	NA
VIA Nano L3025@1600MHz	517	2458	NA	NA
VIA Nano L3050@1800MHz	581	2420	NA	NA
VIA Nano L3600@2000MHz	645	2386	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2603	NA	NA
VIA Nano U2250@1300+MHz	274	2741	NA	NA
VIA Nano U2500@1200MHz	306	2683	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2470	NA	NA
VIA Nano U3300@1200MHz	409	2561	NA	NA
VIA Nano U3500@1000MHz	275	2739	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2405	NA	NA
VIA Nehemiah	155	2849	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1725	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1988	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2098	NA	NA
VIA Samuel 2	79	2872	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	300	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	131	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	403	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	409	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	454	NA	NA
[Dual CPU] AMD EPYC 7281	13293	182	9.31	\$1,427.98
[Dual CPU] AMD EPYC 7371	19370	117	NA	NA
[Dual CPU] AMD EPYC 7401	23518	69	6.15	\$3,821.64
[Dual CPU] AMD EPYC 7451	28957	37	5.77	\$5,022.16
[Dual CPU] AMD EPYC 7501	29003	36	4.07	\$7,119.12
[Dual CPU] AMD EPYC 7551	30966	25	4.35	\$7,119.12
[Dual CPU] AMD EPYC 7601	33545	18	3.89	\$8,625.02
[Dual CPU] AMD Opteron 246	1130	443	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	444	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	440	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	441	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	449	NA	NA
[Dual CPU] AMD Opteron 256	1853	437	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	435	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	431	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	434	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	426	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2769	416	NA	NA
[Dual CPU] AMD Opteron 290	2716	418	10.06	\$270.00*
[Dual CPU] AMD Opteron 885	2851	412	NA	NA
[Dual CPU] AMD Opteron 2212	2203	432	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	427	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	424	NA	NA
[Dual CPU] AMD Opteron 2216	2485	423	50.10	\$49.60
[Dual CPU] AMD Opteron 2216 HE	2593	420	NA	NA
[Dual CPU] AMD Opteron 2218	2719	417	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	421	NA	NA
[Dual CPU] AMD Opteron 2220	2854	411	1.88	\$1,517.68*
[Dual CPU] AMD Opteron 2220 SE	2882	410	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	407	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	401	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	391	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	398	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	392	7.55	\$539.98*
[Dual CPU] AMD Opteron 2354	4554	380	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	383	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	362	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	389	NA	NA

[Dual CPU] AMD Opteron 2374 HE	4799	376	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	363	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	361	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	348	63.93	\$90.00
[Dual CPU] AMD Opteron 2384	5914	345	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	335	NA	NA
[Dual CPU] AMD Opteron 2389	5677	350	48.11	\$118.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2419	5191	365	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	336	NA	NA
[Dual CPU] AMD Opteron 2427	5907	346	29.83	\$198.00
[Dual CPU] AMD Opteron 2431	6438	329	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7068	315	18.70	\$378.00
[Dual CPU] AMD Opteron 2439 SE	8071	285	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	393	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	352	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	332	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	330	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7813	293	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	284	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	288	NA	NA
[Dual CPU] AMD Opteron 4234	9361	253	20.35	\$459.98*
[Dual CPU] AMD Opteron 4276 HE	9681	246	NA	NA
[Dual CPU] AMD Opteron 4280	4525	381	45.25	\$100.00
[Dual CPU] AMD Opteron 4284	9151	254	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9456	252	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	225	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	233	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	211	40.57	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	322	169.13	\$39.98
[Dual CPU] AMD Opteron 6128 HE	5582	355	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	269	NA	NA
[Dual CPU] AMD Opteron 6134	7586	302	86.22	\$87.98
[Dual CPU] AMD Opteron 6136	7255	309	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	368	NA	NA
[Dual CPU] AMD Opteron 6168	7741	297	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7621	301	19.24	\$396.00
[Dual CPU] AMD Opteron 6174	8056	287	40.69	\$198.00
[Dual CPU] AMD Opteron 6176 SE	8448	274	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	404	10.05	\$309.98*
[Dual CPU] AMD Opteron 6204	7134	311	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	263	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	220	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	236	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	227	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	10008	241	16.14	\$619.90

[Dual CPU] AMD Opteron 6274	10536	223	114.55	\$91.98
[Dual CPU] AMD Opteron 6275	10900	219	NA	NA
[Dual CPU] AMD Opteron 6276	10194	235	30.16	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	200	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	276	13.47	\$619.96*
[Dual CPU] AMD Opteron 6320	10716	221	20.69	\$518.02
[Dual CPU] AMD Opteron 6328	11842	203	16.49	\$718.00
[Dual CPU] AMD Opteron 6344	11203	214	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	208	28.53	\$399.98*
[Dual CPU] AMD Opteron 6376	10405	226	80.04	\$130.00
[Dual CPU] AMD Opteron 6378	9145	255	11.46	\$798.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6380	14200	168	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	195	40.65	\$299.98*
[Dual CPU] AMD Opteron 8218	2831	413	64.34	\$44.00
[Dual CPU] AMD Opteron 8220	2510	422	50.22	\$49.98
[Dual CPU] AMD Opteron 8222 SE	2793	415	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	402	67.15	\$48.00
[Dual CPU] AMD Opteron 8380	5643	353	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	364	NA	NA
[Dual CPU] AMD Opteron 8389	6517	326	41.25	\$158.00
[Dual CPU] AMD Opteron 8431	5813	347	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	323	46.80	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	299	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	442	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	429	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	397	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	290	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	463	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	461	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	458	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	541	457	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	464	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	465	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	462	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	460	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	455	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	451	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	450	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	453	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	448	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	447	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	446	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	436	NA	NA

[Dual CPU] Intel Xeon 3.80GHz	993	445	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2152	433	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	428	0.71	\$3,239.98
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	419	41.62	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	405	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2978	408	31.69	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	406	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3415	399	12.20	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3827	395	51.04	\$74.98*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8809	265	18.51	\$475.98
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11024	217	16.70	\$659.98
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	337	20.82	\$298.00*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	334	87.58	\$71.98
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	308	10.90	\$670.00*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	258	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11387	210	14.60	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	202	35.29	\$337.48*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	278	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	174	66.77	\$204.24*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	170	68.82	\$200.00
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	209	176.43	\$64.56
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	190	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	185	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15063	158	20.41	\$738.00
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	141	20.24	\$818.00*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	205	45.06	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	140	90.85	\$182.86
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	125	54.94	\$338.06
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	333	127.11	\$49.88
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	325	81.52	\$79.98
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	275	9.71	\$861.98*
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8910	264	19.37	\$459.98
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8162	282	92.77	\$87.98
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8987	259	32.19	\$279.20
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	240	12.57	\$798.00*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	218	17.18	\$639.98
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12332	191	70.90	\$173.94
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13305	181	214.74	\$61.96
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15206	156	17.78	\$855.12
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16442	143	22.84	\$719.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14313	167	26.51	\$539.98
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	188	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	162	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13584	179	70.76	\$191.98
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15962	149	177.39	\$89.98

[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18458	126	30.76	\$600.06
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18765	123	14.22	\$1,319.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	215	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	172	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	157	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	306	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15888	152	39.41	\$403.12
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16408	144	6.33	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16704	139	7.69	\$2,171.98
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14657	161	77.15	\$189.98
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14505	164	30.83	\$470.48
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19892	112	34.14	\$582.58*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20753	102	10.51	\$1,973.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13671	173	38.70	\$353.22
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20733	103	94.24	\$220.00
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21016	97	33.90	\$620.00
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	90	6.48	\$3,321.22*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	194	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	169	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	129	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	14948	159	71.61	\$208.74*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18966	121	126.47	\$149.96
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20262	107	23.29	\$870.00
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20576	106	8.57	\$2,399.98
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	165	91.04	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14506	163	96.71	\$150.00
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	98	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13634	175	4.66	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	122	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	116	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16327	145	117.48	\$138.98
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17809	130	67.99	\$261.94
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22577	82	14.68	\$1,537.98
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23225	76	7.74	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	78	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17131	135	76.48	\$223.98
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	61	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16940	136	161.33	\$105.00*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22568	83	59.39	\$379.98
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22661	80	13.25	\$1,710.60*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23172	77	5.94	\$3,898.06
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18160	128	60.94	\$298.00
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20699	104	50.36	\$410.98
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	86	37.29	\$600.00

[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	72	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	75	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	32	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	110	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21063	96	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	30	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18186	127	122.45	\$148.52
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21495	91	44.62	\$481.72
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24513	65	35.02	\$699.98
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22584	81	7.48	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	137	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21159	95	20.74	\$1,019.98
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	60	5.66	\$4,417.86*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	87	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	50	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	39	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20869	99	47.87	\$435.98
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23305	74	28.49	\$818.00
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24157	67	20.47	\$1,179.98
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	51	6.13	\$4,349.98
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	111	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	54	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19309	118	98.98	\$195.08
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23491	70	19.94	\$1,177.98
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25396	57	32.70	\$776.56
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27291	49	6.29	\$4,339.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20858	101	41.72	\$500.00
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	62	12.30	\$2,019.98
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	64	4.69	\$5,258.84*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23483	71	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	29	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31807	23	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23321	73	25.40	\$918.00
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27477	46	26.94	\$1,019.98
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30631	28	5.52	\$5,551.98
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	42	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29093	35	4.25	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	27	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	21	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	68	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26496	52	5.28	\$5,018.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	17	2.86	\$11,909.58
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	105	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	114	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	151	2.91	\$5,460.00*

[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	119	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	113	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18712	124	97.98	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	160	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	222	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	84	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	47	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	196	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	154	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	85	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	199	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	16047	146	42.45	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	239	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	430	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	394	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3566	396	36.39	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4166	388	53.75	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	371	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	379	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5122	367	64.04	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5152	366	43.66	\$118.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6010	342	14.38	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6350	331	12.21	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6846	321	49.61	\$138.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7132	312	188.18	\$37.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7511	303	12.56	\$597.88*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7103	313	130.09	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7796	294	129.76	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	425	12.93	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	414	4.88	\$574.02*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4878	375	34.87	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4999	370	39.67	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	358	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7418	305	91.94	\$80.68
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	298	15.66	\$492.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	291	66.51	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	390	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5507	356	12.57	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5956	344	13.60	\$438.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8060	286	68.32	\$117.98
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8280	279	118.29	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8668	268	72.85	\$118.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10321	230	47.79	\$215.96*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10327	229	44.90	\$230.00*

[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	357	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	360	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	89	8.41	\$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	66	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	93	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22049	88	8.33	\$2,645.66
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	59	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17576	132	6.92	\$2,539.98
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	48	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	120	7.83	\$2,442.00*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27819	44	7.41	\$3,752.30
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22869	79	6.22	\$3,675.98*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	25702	56	6.59	\$3,899.98
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	45	6.24	\$4,410.00*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25308	58	5.55	\$4,558.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29596	33	5.65	\$5,237.46
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	43	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34192	16	6.38	\$5,359.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	20	6.68	\$4,879.98
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	38	4.70	\$6,139.98
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28594	40	4.89	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29885	31	3.75	\$7,965.02*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36813	9	5.66	\$6,507.98
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	24	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33530	19	4.41	\$7,599.98
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37159	8	4.94	\$7,519.78*
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41095	4	5.40	\$7,606.00*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	382	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	386	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	373	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	354	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	339	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	328	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	341	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	372	11.00	\$448.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	319	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	318	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	289	206.10	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7000	317	53.85	\$130.00*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	260	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	248	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9666	247	161.26	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	456	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	459	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	452	NA	NA

[Dual CPU] Intel Xeon MV 3.20GHz	1609	438	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	10	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	35823	12	2.32	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	34	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	6	3.33	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	13	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	11	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	7	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	3	3.26	\$12,604.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	148	17.75	\$899.98
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16452	142	17.17	\$958.00
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	178	13.24	\$1,027.98
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19397	115	14.35	\$1,351.52
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21232	94	10.11	\$2,099.98
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	109	19.96	\$1,002.00*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10079	237	47.08	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	228	2.06	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	232	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	377	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	378	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	374	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5748	349	9.27	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6203	338	31.17	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7447	304	62.10	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7834	292	85.17	\$91.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	283	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	295	17.28	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8193	281	40.97	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8682	267	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8934	262	14.65	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	256	133.63	\$67.98
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9533	251	53.56	\$178.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	243	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11294	213	80.68	\$139.98
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11598	206	239.23	\$48.48*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10279	231	220.30	\$46.66
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12253	193	204.28	\$59.98
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	238	1.18	\$8,560.00*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12491	187	113.58	\$109.98
Passmark CPU				

CPU Name	Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11305	212	148.44	\$76.16*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	177	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13552	180	90.35	\$150.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11940	201	119.52	\$99.90*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13754	171	39.98	\$343.98
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	273	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	324	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	266	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	242	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11794	204	268.05	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	387	46.34	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	369	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	385	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	384	36.47	\$120.00*
[Dual CPU] Quad-Core AMD Opteron 8378	5382	359	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	320	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	351	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	343	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	277	NA	NA
[Quad CPU] AMD Opteron 6136	9767	244	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	271	21.70	\$396.00
[Quad CPU] AMD Opteron 6272	12292	192	9.91	\$1,239.80
[Quad CPU] AMD Opteron 6274	10488	224	57.01	\$183.96
[Quad CPU] AMD Opteron 6276	15342	155	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	197	9.75	\$1,236.00
[Quad CPU] AMD Opteron 6282 SE	11044	216	21.24	\$519.96*
[Quad CPU] AMD Opteron 6376	13257	183	50.99	\$260.00
[Quad CPU] AMD Opteron 6378	20859	100	13.07	\$1,596.00
[Quad CPU] AMD Opteron 6380	12442	189	52.72	\$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	327	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	340	NA	NA
[Quad CPU] AMD Opteron 8382	8553	272	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	307	NA	NA
[Quad CPU] AMD Opteron 8431	8252	280	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	314	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	261	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	439	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	400	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	138	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	150	29.66	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	176	42.59	\$319.96
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	63	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	92	55.95	\$381.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	53	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	26	2.14	\$14,436.00*

[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	108	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	147	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	15	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	41	1.25	\$22,916.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	22	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	134	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17287	133	131.00	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14316	166	18.94	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	186	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	153	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	316	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	296	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	234	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	249	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	257	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	55	5.15	\$5,079.96
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	14	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	5	2.68	\$15,199.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	245	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	2	1.10	\$40,060.00*
[Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz	48904	1	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	250	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	198	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	270	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	207	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	13145	184	149.38	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	310	29.88	\$240.00*

* - Last price seen from our affiliates.

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