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# CPU Benchmarks

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### CPU List

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

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### Single CPU Systems

Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2675	NA	NA
AMD A4 Micro-6400T APU	1544	1869	NA	NA
AMD A4 PRO-3340B	2402	1478	NA	NA
AMD A4 PRO-7300B APU	2372	1490	NA	NA
AMD A4 PRO-7350B	2227	1551	NA	NA
AMD A4-1200 APU	635	2355	NA	NA
AMD A4-1250 APU	618	2363	NA	NA
AMD A4-3300 APU	1499	1892	115.45	\$12.99
AMD A4-3300M APU	1185	2055	39.54	\$29.99*
AMD A4-3305M APU	1220	2035	39.61	\$30.81
AMD A4-3310MX APU	1287	1996	NA	NA
AMD A4-3320M APU	1253	2018	36.99	\$33.90
AMD A4-3330MX APU	1212	2039	NA	NA
AMD A4-3400 APU	1592	1853	18.11	\$87.95
AMD A4-3420 APU	1670	1808	NA	NA
AMD A4-4000 APU	1829	1727	26.13	\$69.99
AMD A4-4020 APU	1921	1676	22.35	\$86.00
AMD A4-4300M APU	1611	1841	40.42	\$39.86
AMD A4-4355M APU	1175	2060	NA	NA
AMD A4-5000 APU	1915	1682	NA	NA
AMD A4-5050 APU	2113	1594	NA	NA
AMD A4-5100 APU	2037	1626	NA	NA
AMD A4-5150M APU	1844	1717	NA	NA
AMD A4-5300 APU	2012	1638	12.20	\$164.89*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5300B APU	2139	1580	56.29	\$38.00*
AMD A4-6210 APU	2165	1571	NA	NA
AMD A4-6250J APU	2556	1422	NA	NA
AMD A4-6300 APU	2218	1554	42.26	\$52.50
AMD A4-6300B APU	2129	1587	21.30	\$100.00*
AMD A4-6320 APU	2329	1500	33.29	\$69.99*
AMD A4-7210 APU	2507	1438	NA	NA
AMD A4-7300 APU	2300	1515	24.21	\$94.99
AMD A4-9120	1958	1660	NA	NA
AMD A4-9125	2075	1612	NA	NA
AMD A6 Micro-6500T APU	1834	1725	NA	NA
AMD A6 PRO-7050B APU	1616	1838	NA	NA
AMD A6 PRO-7400B	2608	1399	NA	NA
AMD A6-1450 APU	1532	1874	NA	NA
AMD A6-3400M APU	1884	1700	62.86	\$29.97*
AMD A6-3410MX APU	2053	1620	514.77	\$3.99*
AMD A6-3420M APU	2000	1640	NA	NA
AMD A6-3430MX APU	2199	1562	NA	NA
AMD A6-3500 APU	2012	1637	50.33	\$39.99*
AMD A6-3600 APU	2700	1373	117.48	\$22.99*
AMD A6-3620 APU	2797	1341	46.64	\$59.99*
AMD A6-3650 APU	3152	1225	98.55	\$31.99*
AMD A6-3670 APU	3170	1214	23.04	\$137.60
AMD A6-4400M APU	1637	1827	205.00	\$7.99*
AMD A6-4455M APU	1286	1997	NA	NA
AMD A6-5200 APU	2431	1465	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	1902	NA	NA
AMD A6-5350M APU	1916	1681	44.45	\$43.12
AMD A6-5357M APU	1941	1667	NA	NA
AMD A6-5400B APU	2232	1548	21.26	\$105.04*
AMD A6-5400K APU	2155	1576	16.59	\$129.95
AMD A6-6310 APU	2456	1455	NA	NA
AMD A6-6400B APU	2281	1526	NA	NA
AMD A6-6400K APU	2306	1512	16.49	\$139.85
AMD A6-6420B APU	2612	1397	NA	NA
AMD A6-6420K APU	2379	1485	15.86	\$149.99*
AMD A6-7000	1667	1811	NA	NA
AMD A6-7310 APU	2663	1384	NA	NA
AMD A6-7400K APU	2782	1346	54.07	\$51.47
AMD A6-7470K	2727	1367	11.22	\$243.00
AMD A6-8500P	2202	1560	NA	NA
AMD A6-8550	3104	1237	NA	NA
AMD A6-9200	1710	1780	NA	NA
AMD A6-9210	1781	1744	NA	NA
AMD A6-9220	2160	1574	NA	NA
AMD A6-9220e	1608	1842	NA	NA
AMD A6-9225	2159	1575	NA	NA
AMD A6-9230	2102	1600	NA	NA
AMD A6-9500	3040	1259	58.08	\$52.36

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-9500E	2889	1316	39.58	\$72.99
AMD A8 PRO-7150B APU	2650	1387	NA	NA
AMD A8 PRO-7600B APU	4771	854	NA	NA
AMD A8-3500M APU	1972	1652	28.20	\$69.95
AMD A8-3510MX APU	2370	1492	NA	NA
AMD A8-3520M APU	2172	1568	NA	NA
AMD A8-3530MX APU	2365	1495	NA	NA
AMD A8-3550MX APU	2610	1398	NA	NA
AMD A8-3800 APU	3022	1262	53.04	\$56.99*
AMD A8-3820 APU	3104	1238	24.84	\$124.99*
AMD A8-3850 APU	3466	1133	32.80	\$105.68*
AMD A8-3870K APU	3543	1112	70.88	\$49.99*
AMD A8-4500M APU	2665	1382	NA	NA
AMD A8-4555M APU	2118	1592	NA	NA
AMD A8-5500 APU	3992	1003	70.66	\$56.50*
AMD A8-5500B APU	4000	1000	NA	NA
AMD A8-5545M APU	2587	1409	NA	NA
AMD A8-5550M APU	3006	1269	NA	NA
AMD A8-5557M APU	2968	1283	NA	NA
AMD A8-5600K APU	4344	937	18.95	\$229.30
AMD A8-6410 APU	2573	1417	NA	NA
AMD A8-6500 APU	4394	927	46.26	\$94.99*
AMD A8-6500B APU	4612	883	NA	NA
AMD A8-6500T APU	3221	1198	NA	NA
AMD A8-6600K APU	4585	890	47.27	\$96.99*
AMD A8-7050	1986	1646	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7100 APU	2806	1340	NA	NA
AMD A8-7200P	3319	1169	NA	NA
AMD A8-7410 APU	2738	1364	NA	NA
AMD A8-7600 APU	5072	790	63.41	\$79.99*
AMD A8-7650K	4928	827	23.52	\$209.50
AMD A8-7670K	5080	789	31.54	\$161.10*
AMD A8-7680	5335	756	88.94	\$59.99
AMD A8-8600P	3248	1189	NA	NA
AMD A8-8650	5470	729	NA	NA
AMD A8-9600	4998	812	75.68	\$66.04
AMD A9-9400	2323	1503	NA	NA
AMD A9-9410	2558	1421	NA	NA
AMD A9-9420	2350	1499	NA	NA
AMD A9-9420e	1883	1701	NA	NA
AMD A9-9425	2593	1406	NA	NA
AMD A9-9430	2524	1432	NA	NA
AMD A10 Micro-6700T APU	1970	1653	NA	NA
AMD A10 PRO-7350B APU	3171	1213	NA	NA
AMD A10 PRO-7800B APU	4973	816	NA	NA
AMD A10 PRO-7850B APU	5380	744	NA	NA
AMD A10-4600M APU	3113	1236	NA	NA
AMD A10-4655M APU	2600	1402	NA	NA
AMD A10-4657M APU	2906	1304	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-5700 APU	4211	963	65.29	\$64.50*
AMD A10-5745M APU	2765	1353	NA	NA
AMD A10-5750M APU	3344	1167	NA	NA
AMD A10-5757M APU	3082	1245	NA	NA
AMD A10-5800B APU	4625	879	NA	NA
AMD A10-5800K APU	4636	875	15.40	\$301.11*
AMD A10-6700 APU	4606	886	39.38	\$116.99*
AMD A10-6700T APU	3693	1077	25.02	\$147.61*
AMD A10-6790K APU	4723	861	49.72	\$94.99*
AMD A10-6800B APU	4991	813	NA	NA
AMD A10-6800K APU	4861	838	16.95	\$286.85*
AMD A10-7300 APU	2906	1306	NA	NA
AMD A10-7400P	3603	1093	NA	NA
AMD A10-7700K APU	5122	780	14.78	\$346.70*
AMD A10-7800 APU	4984	814	48.21	\$103.39*
AMD A10-7850K APU	5471	728	18.83	\$290.59*
AMD A10-7860K	5066	794	28.95	\$175.00*
AMD A10-7870K	5471	727	24.10	\$226.99*
AMD A10-7890K	5702	698	28.51	\$199.99*
AMD A10-8700P	3446	1138	NA	NA
AMD A10-8750	5072	791	NA	NA
AMD A10-8850	5598	713	NA	NA
AMD A10-9600P	3780	1053	NA	NA
AMD A10-9620P	3705	1072	NA	NA
AMD A10-9630P	4497	909	NA	NA
AMD A10-9700	5419	736	64.39	\$84.17
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9700E	4747	859	52.18	\$90.99*
AMD A12-9700P	3728	1067	NA	NA
AMD A12-9720P	3998	1002	NA	NA
AMD A12-9730P	4472	913	NA	NA
AMD A12-9800	5520	723	46.00	\$119.99
AMD A12-9800E	5104	782	36.49	\$139.90
AMD Athlon64 X2 Dual Core 4600+	1108	2098	NA	NA
AMD Athlon 4	279	2695	4.00	\$69.99
AMD Athlon 64 2000+	116	2829	NA	NA
AMD Athlon 64 2200+	575	2387	NA	NA
AMD Athlon 64 2600+	374	2569	NA	NA
AMD Athlon 64 2800+	438	2498	4.38	\$99.99*
AMD Athlon 64 3000+	463	2468	6.19	\$74.95
AMD Athlon 64 3200+	492	2436	3.28	\$149.95*
AMD Athlon 64 3300+	576	2386	NA	NA
AMD Athlon 64 3400+	545	2399	NA	NA
AMD Athlon 64 3500+	540	2405	4.96	\$108.95*
AMD Athlon 64 3600+	601	2372	NA	NA
AMD Athlon 64 3700+	598	2374	8.67	\$69.00*
AMD Athlon 64 3800+	589	2377	3.28	\$179.95*
AMD Athlon 64 4000+	608	2367	50.76	\$11.99*
AMD Athlon 64 FX-25	794	2281	NA	NA
AMD Athlon 64 FX-34	380	2561	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-51	437	2499	NA	NA
AMD Athlon 64 FX-53	646	2348	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2312	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2308	NA	NA
AMD Athlon 64 FX-59	715	2315	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2002	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1860	NA	NA
AMD Athlon 64 FX-72	1794	1738	NA	NA
AMD Athlon 64 FX-74	1495	1896	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2195	NA	NA
AMD Athlon 64 X2 4200+	1285	1999	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2168	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2190	16.05	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1000	2162	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1043	2135	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1097	2104	5.49	\$199.95
AMD Athlon 64 X2 Dual Core 4400+	1145	2083	95.57	\$11.99*
AMD Athlon 64 X2 Dual Core 4600+	1219	2036	3.39	\$359.95
AMD Athlon 64 X2 Dual Core 4800+	1254	2017	7.84	\$159.95
AMD Athlon 64 X2 Dual Core 5000+	1313	1977	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	1942	9.87	\$139.95
AMD Athlon 64 X2 Dual Core 5400+	1448	1913	27.34	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1485	1900	10.61	\$139.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1875	61.17	\$24.99*
AMD Athlon 64 X2 Dual Core 6000+	1603	1846	34.89	\$45.95
AMD Athlon 64 X2 Dual Core 6400+	1791	1740	6.89	\$259.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core BE-230	1095	2108	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2117	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2134	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2260	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2261	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2183	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2240	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2270	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2241	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	925	2217	NA	NA
AMD Athlon 64 X2 QL-60	921	2221	NA	NA
AMD Athlon 64 X2 QL-62	1008	2156	NA	NA
AMD Athlon 64 X2 QL-64	991	2172	NA	NA
AMD Athlon 64 X2 QL-65	1050	2132	NA	NA
AMD Athlon 64 X2 QL-66	947	2202	NA	NA
AMD Athlon 64 X2 QL-67	1006	2157	NA	NA
AMD Athlon 64 X2 TK-55	955	2196	NA	NA
AMD Athlon 64 X2 TK-57	988	2174	NA	NA
AMD Athlon 200GE	4941	824	95.03	\$52.00
AMD Athlon 220GE	5346	751	82.27	\$64.99
AMD Athlon 240GE	5392	741	68.10	\$79.18
AMD Athlon 1500+	294	2668	NA	NA
AMD Athlon 1640B	670	2339	13.42	\$50.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 2000+	390	2557	NA	NA
AMD Athlon 2100+	412	2520	NA	NA
AMD Athlon 2200+	363	2587	4.55	\$79.99*
AMD Athlon 2400+	462	2471	NA	NA
AMD Athlon 2500+	374	2567	2.04	\$183.99*
AMD Athlon 2600+	444	2489	4.23	\$104.95*
AMD Athlon 2650e	409	2525	21.56	\$19.00*
AMD Athlon 2800+	447	2486	3.20	\$139.95*
AMD Athlon 2850e	504	2431	NA	NA
AMD Athlon 3100+	485	2449	NA	NA
AMD Athlon 3200+	458	2475	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	1991	76.13	\$16.98*
AMD Athlon 5150 APU	2105	1598	13.17	\$159.95
AMD Athlon 5200 Dual-Core	1250	2020	41.70	\$29.99*
AMD Athlon 5350 APU	2605	1401	7.70	\$338.46*
AMD Athlon 5370 APU	2901	1312	45.54	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1914	NA	NA
AMD Athlon 7550 Dual-Core	1462	1908	24.37	\$60.00*
AMD Athlon 7750 Dual-Core	1575	1859	19.95	\$79.00*
AMD Athlon 7850 Dual-Core	1713	1777	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2678	NA	NA
AMD Athlon Dual Core 4050e	1086	2113	NA	NA
AMD Athlon Dual Core 4450B	1163	2069	37.54	\$31.00*
AMD Athlon Dual Core 4450e	1105	2101	NA	NA
AMD Athlon Dual Core 4850B	1391	1937	NA	NA
AMD Athlon Dual Core 4850e	1311	1979	33.63	\$39.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 5000B	1300	1984	13.69	\$95.00*
AMD Athlon Dual Core 5050e	1343	1962	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1316	1976	NA	NA
AMD Athlon Dual Core 5400B	1411	1930	NA	NA
AMD Athlon Dual Core 5600B	1304	1982	NA	NA
AMD Athlon II 160u	560	2395	18.68	\$29.99*
AMD Athlon II 170u	625	2360	20.89	\$29.95*
AMD Athlon II Dual-Core M300	1115	2091	NA	NA
AMD Athlon II Dual-Core M320	1141	2085	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2130	NA	NA
AMD Athlon II N330 Dual-Core	1154	2076	NA	NA
AMD Athlon II N350 Dual-Core	1226	2032	NA	NA
AMD Athlon II N370 Dual-Core	1559	1865	NA	NA
AMD Athlon II Neo K125	473	2460	NA	NA
AMD Athlon II Neo K145	525	2412	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2288	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2251	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2284	NA	NA
AMD Athlon II P320 Dual-Core	1217	2037	40.65	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2021	27.82	\$44.95*
AMD Athlon II P360 Dual-Core	1319	1975	54.99	\$24.00*
AMD Athlon II X2 210e	1486	1899	NA	NA
AMD Athlon II X2 215	1572	1861	131.19	\$11.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 220	1631	1829	50.70	\$32.19
AMD Athlon II X2 225	1526	1876	NA	NA
AMD Athlon II X2 235e	1658	1817	9.12	\$181.88*
AMD Athlon II X2 240	1642	1823	47.01	\$34.95
AMD Athlon II X2 240e	1695	1795	48.52	\$34.95*
AMD Athlon II X2 245	1660	1816	47.51	\$34.95*
AMD Athlon II X2 245e	1709	1783	21.37	\$80.00*
AMD Athlon II X2 250	1741	1762	44.72	\$38.95
AMD Athlon II X2 250e	1939	1668	25.28	\$76.73*
AMD Athlon II X2 250u	1000	2161	28.64	\$34.95*
AMD Athlon II X2 255	1840	1721	28.22	\$65.22*
AMD Athlon II X2 260	1873	1704	93.70	\$19.99*
AMD Athlon II X2 260u	1107	2099	13.28	\$83.44*
AMD Athlon II X2 265	1890	1696	22.81	\$82.88*
AMD Athlon II X2 270	1978	1650	82.48	\$23.99*
AMD Athlon II X2 270u	1350	1960	19.96	\$67.67*
AMD Athlon II X2 280	2129	1586	21.30	\$99.99*
AMD Athlon II X2 4300e	1350	1959	NA	NA
AMD Athlon II X2 4400e	1616	1837	NA	NA
AMD Athlon II X2 4450e	1504	1890	NA	NA
AMD Athlon II X2 B22	1711	1779	41.05	\$41.69*
AMD Athlon II X2 B24	1773	1746	52.00	\$34.10
AMD Athlon II X2 B26	1897	1690	54.28	\$34.95*
AMD Athlon II X2 B28	2085	1608	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1639	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1631	25.32	\$79.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 415e	2247	1541	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1521	19.68	\$116.15*
AMD Athlon II X3 425	2317	1506	85.85	\$26.99*
AMD Athlon II X3 425e	2239	1546	NA	NA
AMD Athlon II X3 435	2475	1453	14.57	\$169.95
AMD Athlon II X3 440	2565	1419	95.05	\$26.99*
AMD Athlon II X3 445	2573	1414	28.29	\$91.00*
AMD Athlon II X3 450	2620	1395	68.95	\$38.01
AMD Athlon II X3 455	2765	1351	70.93	\$38.99*
AMD Athlon II X3 460	2863	1320	73.45	\$38.99*
AMD Athlon II X4 553	3814	1044	NA	NA
AMD Athlon II X4 555	3830	1039	NA	NA
AMD Athlon II X4 559	4141	977	NA	NA
AMD Athlon II X4 600e	2453	1459	18.84	\$130.23*
AMD Athlon II X4 605e	2738	1363	26.90	\$101.80*
AMD Athlon II X4 610e	2790	1344	39.87	\$69.99*
AMD Athlon II X4 615e	2901	1311	49.17	\$59.00*
AMD Athlon II X4 620	2935	1293	41.94	\$69.99*
AMD Athlon II X4 620e	2906	1305	NA	NA
AMD Athlon II X4 630	3135	1230	72.94	\$42.99*
AMD Athlon II X4 631 Quad-Core	3153	1224	39.42	\$80.00*
AMD Athlon II X4 635	3236	1194	46.26	\$69.95
AMD Athlon II X4 638 Quad-Core	3198	1204	120.73	\$26.49*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 640	3313	1173	41.44	\$79.95
AMD Athlon II X4 641 Quad-Core	3346	1165	36.57	\$91.50*
AMD Athlon II X4 645	3473	1130	69.48	\$49.99*
AMD Athlon II X4 650	3482	1128	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	1102	20.09	\$178.04*
AMD Athlon II X4 655	2998	1273	NA	NA
AMD Athlon II X4 6400e	2594	1404	NA	NA
AMD Athlon L110	303	2648	NA	NA
AMD Athlon LE-1600	567	2392	27.04	\$21.00*
AMD Athlon LE-1620	572	2388	31.80	\$18.00*
AMD Athlon LE-1640	627	2358	NA	NA
AMD Athlon LE-1660	679	2337	NA	NA
AMD Athlon MP	230	2749	4.20	\$54.95*
AMD Athlon MP 1700+	339	2610	NA	NA
AMD Athlon MP 2400+	436	2500	NA	NA
AMD Athlon MP 2800+	497	2434	NA	NA
AMD Athlon Neo MV-40	410	2522	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2159	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2287	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2265	NA	NA
AMD Athlon PRO 200GE	5204	769	NA	NA
AMD Athlon QI-46	473	2459	NA	NA
AMD Athlon TF-20	413	2518	NA	NA
AMD Athlon TF-36	395	2547	NA	NA
AMD Athlon X2 215	1543	1870	NA	NA
AMD Athlon X2 235e	1806	1734	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 240	1602	1847	NA	NA
AMD Athlon X2 240e	1670	1809	NA	NA
AMD Athlon X2 250	1696	1794	NA	NA
AMD Athlon X2 255	1627	1832	NA	NA
AMD Athlon X2 280	2303	1514	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1911	1683	38.23	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1540	NA	NA
AMD Athlon X2 440	1424	1924	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2286	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2164	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2222	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2097	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2038	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2019	NA	NA
AMD Athlon X2 Dual Core L310	644	2350	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2154	NA	NA
AMD Athlon X3 425	2191	1564	NA	NA
AMD Athlon X3 435	2574	1413	26.96	\$95.49*
AMD Athlon X3 440	2078	1610	23.62	\$87.99*
AMD Athlon X3 445	2314	1508	NA	NA
AMD Athlon X3 450	3064	1252	38.80	\$78.99*
AMD Athlon X3 455	2401	1479	NA	NA
AMD Athlon X4 605e	2505	1441	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X4 620	2861	1322	47.74	\$59.95
AMD Athlon X4 635	2891	1315	23.71	\$121.99*
AMD Athlon X4 640	3172	1212	NA	NA
AMD Athlon X4 740 Quad Core	4009	997	14.48	\$277.00*
AMD Athlon X4 750 Quad Core	4551	893	NA	NA
AMD Athlon X4 750K Quad Core	4252	954	55.24	\$76.99*
AMD Athlon X4 760K Quad Core	4593	889	109.42	\$41.98*
AMD Athlon X4 830	4701	864	NA	NA
AMD Athlon X4 840	5041	804	64.03	\$78.74*
AMD Athlon X4 845	5418	738	101.99	\$53.13*
AMD Athlon X4 860K	5419	737	99.44	\$54.50*
AMD Athlon X4 870K	5325	758	66.58	\$79.99*
AMD Athlon X4 880K	5544	718	55.45	\$99.99*
AMD Athlon X4 950	5249	765	75.98	\$69.09
AMD Athlon XP1600+	281	2690	NA	NA
AMD Athlon XP1900+	353	2595	NA	NA
AMD Athlon XP2100+	287	2680	NA	NA
AMD Athlon XP2200+	401	2538	NA	NA
AMD Athlon XP2400+	374	2568	NA	NA
AMD Athlon XP 1500	282	2689	NA	NA
AMD Athlon XP 1500+	257	2720	NA	NA
AMD Athlon XP 1600+	267	2710	NA	NA
AMD Athlon XP 1700	344	2606	NA	NA
AMD Athlon XP 1700+	271	2706	4.43	\$61.25
AMD Athlon XP 1800+	300	2655	5.10	\$58.95*
AMD Athlon XP 1900+	312	2639	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2000+	299	2656	12.00	\$24.99*
AMD Athlon XP 2100+	323	2622	NA	NA
AMD Athlon XP 2200+	328	2621	3.87	\$84.95*
AMD Athlon XP 2300+	464	2467	NA	NA
AMD Athlon XP 2400+	360	2589	4.01	\$89.99
AMD Athlon XP 2500+	355	2592	NA	NA
AMD Athlon XP 2600+	372	2573	16.18	\$23.03*
AMD Athlon XP 2700+	393	2550	4.64	\$84.79*
AMD Athlon XP 2800+	400	2540	NA	NA
AMD Athlon XP 2900+	424	2514	NA	NA
AMD Athlon XP 3000+	402	2536	5.06	\$79.70*
AMD Athlon XP 3100+	433	2504	NA	NA
AMD Athlon XP 3200+	431	2506	NA	NA
AMD Athlon XP 3400+	570	2391	NA	NA
AMD Athlon XP Pro3+	367	2580	NA	NA
AMD Athlon XP-M	541	2404	15.48	\$34.95*
AMD C-30	310	2641	NA	NA
AMD C-50	462	2470	NA	NA
AMD C-60	466	2464	NA	NA
AMD C-60 APU	543	2401	NA	NA
AMD C-70 APU	558	2396	NA	NA
AMD E1 Micro-6200T APU	960	2192	NA	NA
AMD E1-1200 APU	656	2346	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E1-1500 APU	688	2331	NA	NA
AMD E1-2100 APU	639	2354	NA	NA
AMD E1-2200 APU	767	2290	NA	NA
AMD E1-2500 APU	888	2238	NA	NA
AMD E1-6010 APU	861	2245	NA	NA
AMD E1-6015 APU	898	2235	NA	NA
AMD E1-7010 APU	1000	2160	NA	NA
AMD E2-1800 APU	816	2269	NA	NA
AMD E2-2000 APU	825	2266	NA	NA
AMD E2-3000 APU	1105	2102	NA	NA
AMD E2-3000M APU	1096	2106	54.84	\$20.00*
AMD E2-3200 APU	1386	1939	173.59	\$7.99*
AMD E2-3800 APU	1639	1826	NA	NA
AMD E2-6110 APU	1909	1684	NA	NA
AMD E2-7110 APU	2281	1525	NA	NA
AMD E2-9000	1673	1805	NA	NA
AMD E2-9000e	1342	1963	NA	NA
AMD E2-9010	1745	1759	NA	NA
AMD E2-9030	1515	1885	NA	NA
AMD E-240	317	2630	NA	NA
AMD E-300 APU	610	2366	NA	NA
AMD E-350	746	2303	NA	NA
AMD E-350 APU	761	2294	NA	NA
AMD E-350D APU	726	2310	NA	NA
AMD E-450 APU	766	2291	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1750	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1605	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2483	1450	NA	NA
AMD Embedded R-Series RX-216GD	2409	1473	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	792	NA	NA
AMD Embedded R-Series RX-421BD	4635	876	NA	NA
AMD EPYC 7251 8-Core	11344	229	22.32	\$508.29
AMD EPYC 7301	18564	70	21.68	\$856.49
AMD EPYC 7351	18061	78	14.54	\$1,241.87
AMD EPYC 7351P	15820	121	19.93	\$793.63
AMD EPYC 7371	22071	30	NA	NA
AMD EPYC 7401P	19555	60	18.19	\$1,075.00
AMD EPYC 7501	18942	66	5.41	\$3,498.72
AMD EPYC 7551	18483	72	5.19	\$3,559.56
AMD EPYC 7551P	18406	73	8.37	\$2,199.81
AMD FirePro A320 APU	4540	899	NA	NA
AMD FX-670K Quad-Core	4550	894	NA	NA
AMD FX-770K Quad-Core	4803	848	NA	NA
AMD FX-870K Quad Core	5021	806	NA	NA
AMD FX-4100 Quad-Core	4070	988	31.31	\$129.99*
AMD FX-4130 Quad-Core	4163	972	54.79	\$75.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-4150 Quad-Core	4594	887	NA	NA
AMD FX-4170 Quad-Core	4866	835	48.67	\$99.99*
AMD FX-4200 Quad-Core	4235	958	18.56	\$228.21*
AMD FX-4300 Quad-Core	4692	867	71.02	\$66.07
AMD FX-4320	5005	810	NA	NA
AMD FX-4330	5321	760	NA	NA
AMD FX-4350 Quad-Core	5344	752	12.43	\$430.00
AMD FX-6100 Six-Core	5388	742	21.30	\$253.00
AMD FX-6120 Six-Core	5732	695	NA	NA
AMD FX-6130 Six-Core	6215	642	NA	NA
AMD FX-6200 Six-Core	6124	654	18.02	\$339.95
AMD FX-6300 Six-Core	6388	627	93.97	\$67.99
AMD FX-6330 Six-Core	6916	575	NA	NA
AMD FX-6350 Six-Core	6999	566	58.30	\$120.06
AMD FX-7500 APU	3211	1201	NA	NA
AMD FX-7600P	4049	991	NA	NA
AMD FX-7600P APU	4627	878	NA	NA
AMD FX-8100 Eight-Core	5996	667	42.23	\$142.00*
AMD FX-8120 Eight-Core	6598	608	65.99	\$99.99*
AMD FX-8140 Eight-Core	6133	652	NA	NA
AMD FX-8150 Eight-Core	7631	508	5.28	\$1,445.01*
AMD FX-8300 Eight-Core	7728	497	80.52	\$95.99
AMD FX-8310 Eight-Core	7763	494	NA	NA
AMD FX-8320 Eight-Core	8018	471	68.43	\$117.17
AMD FX-8320E Eight-Core	7548	513	78.63	\$96.00
AMD FX-8350 Eight-Core	8950	392	127.96	\$69.95
AMD FX-8370 Eight-Core	9035	383	71.09	\$127.10
AMD FX-8370E Eight-Core	7804	490	22.61	\$345.14
AMD FX-8800P	4142	976	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-9370 Eight-Core	9444	349	16.14	\$585.00
AMD FX-9590 Eight-Core	10193	279	56.63	\$179.99
AMD FX-9800P	3985	1005	NA	NA
AMD FX-9830P	4762	856	NA	NA
AMD FX-B4150 Quad-Core	4611	884	NA	NA
AMD G-T40E	467	2463	NA	NA
AMD G-T40N	516	2421	NA	NA
AMD G-T40R	203	2776	NA	NA
AMD G-T44R	227	2751	NA	NA
AMD G-T48E	696	2326	NA	NA
AMD G-T52R	308	2643	NA	NA
AMD G-T56E	751	2299	NA	NA
AMD G-T56N	793	2283	NA	NA
AMD Geode NX	264	2713	NA	NA
AMD Geode NX 1750	291	2669	NA	NA
AMD GX-210JA SOC	401	2539	NA	NA
AMD GX-212JC SOC	744	2304	NA	NA
AMD GX-217GA SOC	1103	2103	NA	NA
AMD GX-218GL SOC	1115	2090	NA	NA
AMD GX-222GC SOC	1255	2016	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD GX-412HC	1497	1895	NA	NA
AMD GX-415GA SOC	1946	1665	NA	NA
AMD GX-420CA SOC	2412	1471	NA	NA
AMD GX-424CC SOC	2491	1445	NA	NA
AMD K7	403	2534	NA	NA
AMD Opteron 140	396	2545	0.56	\$710.00*
AMD Opteron 142	428	2510	NA	NA
AMD Opteron 144	486	2446	7.48	\$65.00*
AMD Opteron 146	532	2410	8.87	\$59.99*
AMD Opteron 148	603	2371	NA	NA
AMD Opteron 150	604	2369	NA	NA
AMD Opteron 152	658	2342	NA	NA
AMD Opteron 154	703	2324	NA	NA
AMD Opteron 165	899	2234	1.47	\$610.00*
AMD Opteron 170	1097	2105	NA	NA
AMD Opteron 175	1167	2067	NA	NA
AMD Opteron 180	1233	2028	9.49	\$129.95*
AMD Opteron 185	1360	1954	NA	NA
AMD Opteron 246	632	2357	31.62	\$19.99*
AMD Opteron 248	476	2457	4.77	\$99.95
AMD Opteron 250	649	2347	59.01	\$11.00*
AMD Opteron 252	760	2296	12.00	\$63.36*
AMD Opteron 254	693	2329	NA	NA
AMD Opteron 256	963	2188	50.72	\$19.00*
AMD Opteron 265	963	2189	13.20	\$73.00
AMD Opteron 270	1170	2065	1.93	\$607.47*
AMD Opteron 275	1291	1993	19.87	\$64.99
AMD Opteron 280	1176	2059	1.48	\$796.67*
AMD Opteron 285	1470	1905	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 290	1464	1907	10.85	\$135.00*
AMD Opteron 1210	923	2218	NA	NA
AMD Opteron 1210 HE	971	2182	NA	NA
AMD Opteron 1212	1009	2155	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1980	NA	NA
AMD Opteron 1214	1191	2052	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1985	NA	NA
AMD Opteron 1216	1311	1978	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2064	NA	NA
AMD Opteron 1218	1468	1906	NA	NA
AMD Opteron 1218 HE	1444	1915	NA	NA
AMD Opteron 1220	1653	1820	NA	NA
AMD Opteron 1222	1757	1752	NA	NA
AMD Opteron 1352	2316	1507	17.04	\$135.99*
AMD Opteron 1354	2630	1392	47.83	\$55.00
AMD Opteron 1356	2765	1352	30.73	\$89.99*
AMD Opteron 1381	3065	1251	NA	NA
AMD Opteron 2212	1270	2008	63.53	\$20.00*
AMD Opteron 2214	1358	1957	46.85	\$29.00*
AMD Opteron 2214 HE	1415	1928	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2216	1518	1884	66.58	\$22.80
AMD Opteron 2218	1594	1851	49.18	\$32.42*
AMD Opteron 2220	1701	1789	1.15	\$1,475.16*
AMD Opteron 2220 SE	1398	1933	55.92	\$25.00*
AMD Opteron 2222	1843	1718	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1678	NA	NA
AMD Opteron 2350	2820	1333	10.45	\$269.99*
AMD Opteron 2356	2814	1335	15.49	\$181.65*
AMD Opteron 2373 EE	2789	1345	NA	NA
AMD Opteron 2374 HE	2951	1287	15.53	\$189.99*
AMD Opteron 2376	2283	1523	13.69	\$166.81*
AMD Opteron 2378	3179	1211	17.76	\$179.00*
AMD Opteron 2380	2640	1389	58.69	\$45.00
AMD Opteron 2384	3538	1113	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1114	NA	NA
AMD Opteron 2393 SE	2246	1542	NA	NA
AMD Opteron 2427	3069	1249	31.00	\$99.00
AMD Opteron 2431	4516	905	112.91	\$40.00
AMD Opteron 2435	4708	863	24.91	\$189.00
AMD Opteron 3260 HE	3259	1182	NA	NA
AMD Opteron 3280	5403	739	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1380	NA	NA
AMD Opteron 3350 HE	4009	998	NA	NA
AMD Opteron 3365	5963	669	NA	NA
AMD Opteron 3380	6384	628	7.89	\$809.00*
AMD Opteron 4122	2942	1290	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1216	NA	NA
AMD Opteron 4170 HE	3664	1083	62.11	\$59.00*
AMD Opteron 4184	4418	925	8.50	\$519.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4280	6430	620	128.60	\$50.00
AMD Opteron 4284	6660	602	111.03	\$59.99*
AMD Opteron 4332 HE	5614	710	NA	NA
AMD Opteron 4334	6099	657	28.18	\$216.42*
AMD Opteron 4365 EE	5025	805	NA	NA
AMD Opteron 4386	6761	591	48.30	\$139.99*
AMD Opteron 6128	4505	906	225.37	\$19.99
AMD Opteron 6134	2938	1291	66.81	\$43.99
AMD Opteron 6136	4631	877	42.10	\$110.00*
AMD Opteron 6164 HE	5351	749	NA	NA
AMD Opteron 6172	5261	762	37.85	\$139.00
AMD Opteron 6174	6171	648	62.34	\$99.00
AMD Opteron 6176 SE	5465	730	34.37	\$159.00*
AMD Opteron 6212	5776	690	192.62	\$29.99*
AMD Opteron 6220	6785	585	113.11	\$59.99*
AMD Opteron 6234	5938	673	198.27	\$29.95*
AMD Opteron 6238	7673	505	127.92	\$59.99*
AMD Opteron 6272	6748	592	10.24	\$658.89
AMD Opteron 6274	4865	837	105.80	\$45.99
AMD Opteron 6276	8889	400	52.60	\$169.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6282 SE	9116	375	70.13	\$129.99*
AMD Opteron 6287 SE	9789	319	NA	NA
AMD Opteron 6328	7813	489	21.76	\$359.00
AMD Opteron 6366 HE	7503	517	37.52	\$199.99*
AMD Opteron 6376	9212	365	141.72	\$65.00
AMD Opteron 6378	2152	1577	5.40	\$399.00
AMD Opteron 6380	10081	291	103.95	\$96.99
AMD Opteron 6386 SE	10748	250	71.66	\$149.99*
AMD Opteron 8354	2255	1538	102.52	\$22.00
AMD Opteron 8439 SE	3813	1045	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1253	NA	NA
AMD Opteron X3216 APU	2366	1494	NA	NA
AMD Opteron X3418 APU	4659	870	NA	NA
AMD Opteron X3421 APU	4928	828	NA	NA
AMD Phenom 2 X4 12000	3005	1271	NA	NA
AMD Phenom 7950 Quad-Core	2991	1274	NA	NA
AMD Phenom 8250 Triple-Core	1644	1822	NA	NA
AMD Phenom 8250e Triple-Core	1619	1836	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1828	NA	NA
AMD Phenom 8450 Triple-Core	1889	1698	63.08	\$29.95*
AMD Phenom 8450e Triple-Core	2040	1624	NA	NA
AMD Phenom 8600 Triple-Core	1706	1786	32.20	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1675	36.33	\$52.99*
AMD Phenom 8650 Triple-Core	1989	1645	39.79	\$49.99*
AMD Phenom 8750 Triple-Core	2055	1619	NA	NA
AMD Phenom 8750B Triple-Core	2034	1627	NA	NA
AMD Phenom 8850 Triple-Core	1968	1656	NA	NA
AMD Phenom 8850B Triple-Core	2080	1609	NA	NA
AMD Phenom 9100e Quad-Core	1835	1724	45.96	\$39.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9150e Quad-Core	2112	1595	52.88	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1505	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1394	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2203	1559	76.03	\$28.99*
AMD Phenom 9550 Quad-Core	2543	1426	87.73	\$28.99*
AMD Phenom 9600 Quad-Core	2306	1511	46.18	\$49.95
AMD Phenom 9600B Quad-Core	2573	1415	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2636	1391	47.98	\$54.95
AMD Phenom 9750 Quad-Core	2812	1337	46.92	\$59.95
AMD Phenom 9750B Quad-Core	2709	1371	NA	NA
AMD Phenom 9850 Quad-Core	2892	1314	24.11	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1221	NA	NA
AMD Phenom 9950 Quad-Core	3009	1266	22.30	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1435	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1289	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1090	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1124	NA	NA
AMD Phenom II N620 Dual-Core	1679	1800	420.83	\$3.99*
AMD Phenom II N640 Dual-Core	1716	1775	26.42	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1713	18.70	\$99.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N830 3+1	2652	1385	NA	NA
AMD Phenom II N830 Triple-Core	1889	1697	NA	NA
AMD Phenom II N850 Triple-Core	1937	1669	77.51	\$25.00*
AMD Phenom II N870 Triple-Core	1993	1642	NA	NA
AMD Phenom II N930 Quad-Core	2274	1530	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1449	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2521	1434	16.81	\$149.99*
AMD Phenom II P650 Dual-Core	1597	1850	45.66	\$35.00*
AMD Phenom II P820 Triple-Core	1604	1845	NA	NA
AMD Phenom II P840 Triple-Core	1722	1770	NA	NA
AMD Phenom II P860 Triple-Core	1756	1754	NA	NA
AMD Phenom II P920 Quad-Core	1866	1706	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1731	NA	NA
AMD Phenom II P960 Quad-Core	2086	1606	74.53	\$28.00*
AMD Phenom II X2 511	2104	1599	NA	NA
AMD Phenom II X2 521	2071	1613	NA	NA
AMD Phenom II X2 545	1917	1680	43.60	\$43.98*
AMD Phenom II X2 550	2021	1632	40.44	\$49.99*
AMD Phenom II X2 555	2045	1623	73.10	\$27.98*
AMD Phenom II X2 560	2056	1618	31.65	\$64.99*
AMD Phenom II X2 565	2222	1553	74.12	\$29.99*
AMD Phenom II X2 570	2053	1621	NA	NA
AMD Phenom II X2 B53	1709	1782	NA	NA
AMD Phenom II X2 B55	1921	1677	40.02	\$48.00*
AMD Phenom II X2 B57	1826	1729	NA	NA
AMD Phenom II X2 B59	2145	1579	110.16	\$19.48*
AMD Phenom II X3 700e	2242	1544	NA	NA
AMD Phenom II X3 705e	2227	1550	14.63	\$152.34*
AMD Phenom II X3 710	2446	1460	28.94	\$84.53*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 715	2649	1388	31.17	\$84.99*
AMD Phenom II X3 720	2669	1381	38.14	\$69.99*
AMD Phenom II X3 740	2985	1275	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1366	36.47	\$75.00*
AMD Phenom II X3 B75	2929	1296	73.25	\$39.99*
AMD Phenom II X3 B77	3067	1250	137.64	\$22.29*
AMD Phenom II X4 805	2998	1272	17.24	\$173.99*
AMD Phenom II X4 810	3122	1233	26.92	\$115.99*
AMD Phenom II X4 820	3395	1149	45.31	\$74.95*
AMD Phenom II X4 830	3434	1141	42.96	\$79.95
AMD Phenom II X4 840	3508	1119	39.01	\$89.95*
AMD Phenom II X4 840T	3599	1095	51.43	\$69.99*
AMD Phenom II X4 850	3549	1110	54.62	\$64.99*
AMD Phenom II X4 900e	2882	1318	NA	NA
AMD Phenom II X4 905e	3078	1247	57.02	\$53.99*
AMD Phenom II X4 910	3252	1186	32.52	\$100.00*
AMD Phenom II X4 910e	3253	1183	20.72	\$156.99*
AMD Phenom II X4 920	3393	1152	42.42	\$79.99
AMD Phenom II X4 925	3422	1142	77.79	\$43.99*
AMD Phenom II X4 940	3590	1097	60.50	\$59.34*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 945	3656	1085	56.29	\$64.95*
AMD Phenom II X4 955	3927	1021	30.18	\$130.16*
AMD Phenom II X4 960T	3785	1051	59.15	\$63.99*
AMD Phenom II X4 965	4184	969	22.74	\$184.01
AMD Phenom II X4 970	4322	945	29.18	\$148.11*
AMD Phenom II X4 973	3759	1059	NA	NA
AMD Phenom II X4 975	4455	914	31.90	\$139.69*
AMD Phenom II X4 977	3750	1063	NA	NA
AMD Phenom II X4 980	4493	910	19.54	\$229.99*
AMD Phenom II X4 8700e	2377	1487	NA	NA
AMD Phenom II X4 B05e	2792	1342	NA	NA
AMD Phenom II X4 B15e	2736	1365	NA	NA
AMD Phenom II X4 B25	3297	1177	NA	NA
AMD Phenom II X4 B35	3383	1155	NA	NA
AMD Phenom II X4 B40	3361	1160	NA	NA
AMD Phenom II X4 B45	3470	1132	NA	NA
AMD Phenom II X4 B50	3698	1076	NA	NA
AMD Phenom II X4 B55	3854	1032	NA	NA
AMD Phenom II X4 B60	4043	992	NA	NA
AMD Phenom II X4 B65	4177	970	NA	NA
AMD Phenom II X4 B70	4261	953	NA	NA
AMD Phenom II X4 B93	3358	1161	NA	NA
AMD Phenom II X4 B95	3684	1082	50.51	\$72.95*
AMD Phenom II X4 B97	3869	1030	67.89	\$56.99*
AMD Phenom II X4 B99	4130	979	NA	NA
AMD Phenom II X6 1035T	4641	872	24.56	\$189.00*
AMD Phenom II X6 1045T	4801	851	44.45	\$108.01*
AMD Phenom II X6 1055T	4960	819	61.83	\$80.24*
AMD Phenom II X6 1065T	5047	800	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1075T	5336	755	47.23	\$112.99*
AMD Phenom II X6 1090T	5572	714	14.07	\$396.08*
AMD Phenom II X6 1100T	5715	696	32.20	\$177.49*
AMD Phenom II X6 1405T	5042	803	NA	NA
AMD Phenom II X620 Dual-Core	2189	1565	NA	NA
AMD Phenom II X640 Dual-Core	2021	1633	NA	NA
AMD Phenom II X920 Quad-Core	2650	1386	NA	NA
AMD Phenom II X940 Quad-Core	2695	1374	NA	NA
AMD Phenom Ultra X4 24500	3945	1017	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1793	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1558	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1757	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2057	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1919	NA	NA
AMD Phenom X3 8550	1927	1673	11.34	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1751	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1641	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1547	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1313	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1369	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X4 Quad-Core GP-9930	2690	1375	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2041	NA	NA
AMD PRO A4-3350B APU	2274	1531	NA	NA
AMD PRO A4-8350B	2791	1343	NA	NA
AMD PRO A6-7350B	2759	1356	NA	NA
AMD PRO A6-8500B	2516	1436	NA	NA
AMD PRO A6-8530B	2388	1482	NA	NA
AMD PRO A6-8550B	2970	1282	NA	NA
AMD PRO A6-8570	3049	1258	NA	NA
AMD PRO A6-8570E	2824	1330	NA	NA
AMD PRO A6-9500	3239	1193	43.77	\$74.00*
AMD PRO A6-9500B	2076	1611	NA	NA
AMD PRO A6-9500E	2760	1355	37.30	\$74.00*
AMD PRO A8-8600B	3524	1116	NA	NA
AMD PRO A8-8650B	5342	754	NA	NA
AMD PRO A8-8670E	5015	807	NA	NA
AMD PRO A8-9600	5277	761	44.35	\$119.00*
AMD PRO A8-9600B	3973	1008	NA	NA
AMD PRO A10-8700B	3560	1107	NA	NA
AMD PRO A10-8730B	3971	1009	NA	NA
AMD PRO A10-8750B	5473	725	NA	NA
AMD PRO A10-8770	5707	697	NA	NA
AMD PRO A10-8770E	5045	801	NA	NA
AMD PRO A10-8850B	5852	681	NA	NA
AMD PRO A10-9700	5677	703	33.59	\$169.00*
AMD PRO A10-9700B	4393	928	NA	NA
AMD PRO A10-9700E	5066	793	36.45	\$139.00*
AMD PRO A12-8800B	4137	978	NA	NA
AMD PRO A12-8830B	4325	943	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A12-8870	6067	662	NA	NA
AMD PRO A12-8870E	5186	775	NA	NA
AMD PRO A12-9800	6154	650	36.42	\$169.00*
AMD PRO A12-9800B	4128	981	NA	NA
AMD PRO A12-9800E	4769	855	28.22	\$169.00*
AMD QC-4000	1663	1814	NA	NA
AMD R-260H APU	1576	1857	NA	NA
AMD R-460L APU	1954	1662	NA	NA
AMD R-464L APU	3117	1235	NA	NA
AMD RX-427BB	4349	936	NA	NA
AMD Ryzen 3 1200	6725	594	96.09	\$69.99
AMD Ryzen 3 1300X	7501	518	57.71	\$129.99
AMD Ryzen 3 2200G	7310	541	76.96	\$94.99
AMD Ryzen 3 2200GE	6778	586	NA	NA
AMD Ryzen 3 2200U	4526	904	NA	NA
AMD Ryzen 3 2300U	6197	644	NA	NA
AMD Ryzen 3 2300X	8546	426	NA	NA
AMD Ryzen 3 PRO 1200	7069	561	NA	NA
AMD Ryzen 3 PRO 1300	8022	470	NA	NA
AMD Ryzen 3 PRO 2200G	8042	466	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 3 PRO 2200GE	7698	500	NA	NA
AMD Ryzen 3 PRO 2300U	7124	554	NA	NA
AMD Ryzen 5 1400	8361	439	57.67	\$144.99
AMD Ryzen 5 1500X	10077	292	64.14	\$157.12
AMD Ryzen 5 1600	12276	209	102.31	\$119.99
AMD Ryzen 5 1600X	13230	183	86.76	\$152.50
AMD Ryzen 5 2400G	9310	357	62.08	\$149.99
AMD Ryzen 5 2400GE	7932	477	NA	NA
AMD Ryzen 5 2500U	7337	537	NA	NA
AMD Ryzen 5 2500X	9663	330	NA	NA
AMD Ryzen 5 2600	13536	177	82.05	\$164.99
AMD Ryzen 5 2600H	7949	476	NA	NA
AMD Ryzen 5 2600X	14364	151	79.81	\$179.99
AMD Ryzen 5 3500U	7194	550	NA	NA
AMD Ryzen 5 3550H	8763	408	NA	NA
AMD Ryzen 5 PRO 1500	10118	286	NA	NA
AMD Ryzen 5 PRO 1600	12213	212	NA	NA
AMD Ryzen 5 PRO 2400G	10015	295	NA	NA
AMD Ryzen 5 PRO 2400GE	8718	411	NA	NA
AMD Ryzen 5 PRO 2500U	8545	427	NA	NA
AMD Ryzen 5 PRO 2600	14407	148	NA	NA
AMD Ryzen 7 1700	13768	168	86.06	\$159.99
AMD Ryzen 7 1700X	14690	138	78.98	\$185.99
AMD Ryzen 7 1800X	15411	127	73.42	\$209.90
AMD Ryzen 7 2700	15050	133	66.89	\$224.99
AMD Ryzen 7 2700U	7375	534	NA	NA
AMD Ryzen 7 2700X	16984	89	57.58	\$294.99
AMD Ryzen 7 2800H	8498	428	NA	NA
AMD Ryzen 7 3700U	6092	659	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 PRO 1700	14171	154	NA	NA
AMD Ryzen 7 PRO 1700X	15349	129	NA	NA
AMD Ryzen 7 PRO 2700	15897	115	NA	NA
AMD Ryzen 7 PRO 2700U	8929	396	NA	NA
AMD Ryzen 7 PRO 2700X	17276	84	NA	NA
AMD Ryzen Embedded V1202B	5051	798	NA	NA
AMD Ryzen Embedded V1605B	7864	480	NA	NA
AMD Ryzen Embedded V1807B	7529	514	NA	NA
AMD Ryzen Threadripper 1900X	16126	109	53.76	\$299.99
AMD Ryzen Threadripper 1920X	19536	61	65.12	\$299.99
AMD Ryzen Threadripper 1950X	21871	35	36.45	\$599.99
AMD Ryzen Threadripper 2920X	22044	31	36.74	\$599.99
AMD Ryzen Threadripper 2950X	25449	13	30.30	\$839.99
AMD Ryzen Threadripper 2970WX	21875	34	17.58	\$1,244.50
AMD Ryzen Threadripper 2990WX	23565	22	13.86	\$1,699.99
AMD Ryzen Threadripper 2990X	18311	74	NA	NA
AMD Sempron 130	656	2345	26.29	\$24.99*
AMD Sempron 140	735	2306	18.58	\$39.59*
AMD Sempron 145	806	2278	8.50	\$94.92
AMD Sempron 150	707	2320	15.74	\$44.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 200U	267	2709	3.08	\$87.00*
AMD Sempron 210U	391	2555	NA	NA
AMD Sempron 240	2110	1596	36.39	\$58.00
AMD Sempron 2100+	392	2553	NA	NA
AMD Sempron 2200+	281	2693	9.38	\$29.99*
AMD Sempron 2300+	318	2629	7.07	\$45.00*
AMD Sempron 2400+	314	2637	12.10	\$26.00*
AMD Sempron 2500+	335	2613	3.54	\$94.95*
AMD Sempron 2600+	373	2571	10.70	\$34.95
AMD Sempron 2650 APU	944	2206	17.60	\$53.68
AMD Sempron 2800+	383	2559	6.40	\$59.95
AMD Sempron 3000+	408	2527	20.41	\$20.00
AMD Sempron 3100+	452	2480	7.53	\$60.00*
AMD Sempron 3200+	406	2528	3.10	\$131.22
AMD Sempron 3300+	484	2451	8.07	\$60.00
AMD Sempron 3400+	453	2479	3.46	\$131.22
AMD Sempron 3500+	379	2562	18.98	\$20.00*
AMD Sempron 3600+	487	2444	40.59	\$12.00*
AMD Sempron 3800+	554	2397	3.62	\$152.92*
AMD Sempron 3850 APU	1711	1778	25.83	\$66.26
AMD Sempron Dual Core 2100	936	2208	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2166	NA	NA
AMD Sempron Dual Core 2300	982	2175	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2201	NA	NA
AMD Sempron Dual Core 4900	1081	2118	NA	NA
AMD Sempron LE-250	490	2438	NA	NA
AMD Sempron LE-1100	438	2497	NA	NA
AMD Sempron LE-1150	444	2488	NA	NA
AMD Sempron LE-1200	528	2411	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron LE-1250	541	2403	5.41	\$99.95*
AMD Sempron LE-1300	598	2373	29.94	\$20.00
AMD Sempron LE-1600	535	2408	NA	NA
AMD Sempron LE-1620	635	2356	NA	NA
AMD Sempron LE-1640	759	2297	NA	NA
AMD Sempron M100	561	2394	46.80	\$12.00*
AMD Sempron M120	582	2381	NA	NA
AMD Sempron SI-40	443	2490	36.93	\$12.00*
AMD Sempron SI-42	456	2478	15.22	\$30.01*
AMD Sempron X2 180	1222	2034	17.62	\$69.40*
AMD Sempron X2 190	1512	1888	18.12	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1929	NA	NA
AMD Turion 64 Mobile MK-36	465	2465	NA	NA
AMD Turion 64 Mobile MK-38	513	2422	NA	NA
AMD Turion 64 Mobile ML-28	390	2556	NA	NA
AMD Turion 64 Mobile ML-30	402	2537	NA	NA
AMD Turion 64 Mobile ML-32	409	2524	NA	NA
AMD Turion 64 Mobile ML-34	425	2513	NA	NA
AMD Turion 64 Mobile ML-37	442	2491	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2416	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile ML-42	615	2364	NA	NA
AMD Turion 64 Mobile ML-44	591	2375	NA	NA
AMD Turion 64 Mobile MT-28	419	2515	NA	NA
AMD Turion 64 Mobile MT-30	378	2563	NA	NA
AMD Turion 64 Mobile MT-32	426	2512	NA	NA
AMD Turion 64 Mobile MT-34	429	2508	NA	NA
AMD Turion 64 Mobile MT-37	484	2450	NA	NA
AMD Turion 64 Mobile MT-40	536	2406	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2302	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2292	NA	NA
AMD Turion 64 X2 Mobile TL-56	890	2237	44.53	\$20.00*
AMD Turion 64 X2 Mobile TL-58	946	2203	NA	NA
AMD Turion 64 X2 Mobile TL-60	994	2167	45.32	\$21.95*
AMD Turion 64 X2 Mobile TL-62	1087	2112	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1094	2109	27.78	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2084	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2070	12.92	\$90.00*
AMD Turion Dual-Core RM-70	904	2232	36.16	\$25.00*
AMD Turion Dual-Core RM-72	860	2246	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2152	NA	NA
AMD Turion Dual-Core RM-75	977	2177	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1294	1990	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1981	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1967	NA	NA
AMD Turion II N530 Dual-Core	1583	1856	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1877	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2180	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2054	NA	NA
AMD Turion II Neo N40L Dual-Core	929	2214	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II Neo N54L Dual-Core	1361	1951	NA	NA
AMD Turion II P520 Dual-Core	1359	1956	NA	NA
AMD Turion II P540 Dual-Core	1430	1921	28.63	\$49.95*
AMD Turion II P560 Dual-Core	1514	1886	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	1931	78.98	\$17.81*
AMD Turion II Ultra Dual-Core Mobile M620	1430	1920	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1810	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1873	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2274	NA	NA
AMD Turion X2 Dual Core L510	923	2219	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2248	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2127	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	993	2171	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1083	2116	4.83	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2126	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1137	2086	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2078	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1012	2153	72.31	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2115	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2042	63.72	\$18.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2026	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1988	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1232	2029	30.86	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2165	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2145	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1912	NA	NA
AMD V105	299	2657	NA	NA
AMD V120	623	2362	NA	NA
AMD V140	642	2352	12.86	\$49.95*
AMD V160	677	2338	NA	NA
AMD Z-01	523	2415	NA	NA
AMD Z-60 APU	500	2433	NA	NA
AMD-K6 3D	90	2833	NA	NA
AMD-K6-III	108	2830	NA	NA
AMD-K7	403	2535	NA	NA
Athlon 64 Dual Core 3800+	1234	2027	NA	NA
Athlon 64 Dual Core 4200+	1156	2075	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	1947	NA	NA
Athlon 64 Dual Core 5000+	1507	1889	NA	NA
Athlon 64 Dual Core 5400+	1614	1839	NA	NA
Athlon 64 Dual Core 5600+	1548	1868	NA	NA
Athlon Dual Core 4050e	968	2185	NA	NA
Athlon Dual Core 4450e	1204	2044	NA	NA
Athlon Dual Core 4850e	1327	1971	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1326	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1084	2114	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1169	2066	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1201	2047	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	2005	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Dual-Core AMD Opteron 1220 SE	1206	2043	NA	NA
HP Hexa-Core 2.0GHz	2178	1567	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2250	NA	NA
Intel 1400 @ 1.83GHz	980	2176	NA	NA
Intel 1500 @ 2.00GHz	1024	2147	NA	NA
Intel Atom 230 @ 1.60GHz	306	2644	NA	NA
Intel Atom 330 @ 1.60GHz	587	2379	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2236	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2191	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1607	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1536	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1569	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	1048	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1166	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1220	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1457	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1428	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	840	14.62	\$332.00*
Intel Atom D410 @ 1.66GHz	301	2653	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2605	0.35	\$992.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D510 @ 1.66GHz	657	2344	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2321	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2533	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2335	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2316	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2259	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2313	NA	NA
Intel Atom E660 @ 1.30GHz	271	2704	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2602	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2618	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2384	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2440	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2255	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2071	NA	NA
Intel Atom E3845 @ 1.91GHz	1501	1891	NA	NA
Intel Atom E3940 @ 1.60GHz	1873	1703	NA	NA
Intel Atom E3950 @ 1.60GHz	1855	1711	NA	NA
Intel Atom K510 @ 1.66GHz	658	2343	NA	NA
Intel Atom N270 @ 1.60GHz	270	2708	NA	NA
Intel Atom N280 @ 1.66GHz	283	2686	NA	NA
Intel Atom N435 @ 1.33GHz	261	2716	NA	NA
Intel Atom N450 @ 1.66GHz	295	2665	NA	NA
Intel Atom N455 @ 1.66GHz	283	2685	NA	NA
Intel Atom N470 @ 1.83GHz	318	2628	NA	NA
Intel Atom N475 @ 1.83GHz	314	2635	NA	NA
Intel Atom N550 @ 1.50GHz	524	2414	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	571	2390	6.64	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2649	NA	NA
Intel Atom N2600 @ 1.60GHz	525	2413	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N2800 @ 1.86GHz	626	2359	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2224	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1625	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2275	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1623	1835	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1194	2049	8.98	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1018	2150	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1266	2011	60.31	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1697	1792	27.13	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1837	1723	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1896	1691	25.75	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1902	1685	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2784	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2760	NA	NA
Intel Atom Z520 @ 1.33GHz	216	2763	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2692	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2599	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2560	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2740	NA	NA
Intel Atom Z2760 @ 1.80GHz	567	2393	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3735D @ 1.33GHz	914	2225	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2216	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2231	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	908	2230	NA	NA
Intel Atom Z3736F @ 1.33GHz	919	2223	NA	NA
Intel Atom Z3740 @ 1.33GHz	1061	2125	NA	NA
Intel Atom Z3740D @ 1.33GHz	1025	2146	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2121	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1034	2139	NA	NA
Intel Atom Z3770 @ 1.46GHz	1245	2024	8.34	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2279	NA	NA
Intel Atom Z3775 @ 1.46GHz	1259	2013	35.99	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2003	NA	NA
Intel Atom Z3795 @ 1.60GHz	1770	1748	NA	NA
Intel Celeron 1.70GHz	130	2823	NA	NA
Intel Celeron 1.80GHz	136	2820	NA	NA
Intel Celeron 2.00GHz	182	2796	NA	NA
Intel Celeron 2.10GHz	244	2738	NA	NA
Intel Celeron 2.13GHz	208	2771	NA	NA
Intel Celeron 2.20GHz	213	2766	NA	NA
Intel Celeron 2.26GHz	223	2755	NA	NA
Intel Celeron 2.30GHz	227	2752	NA	NA
Intel Celeron 2.40GHz	217	2761	NA	NA
Intel Celeron 2.50GHz	247	2732	NA	NA
Intel Celeron 2.53GHz	245	2736	NA	NA
Intel Celeron 2.60GHz	238	2743	NA	NA
Intel Celeron 2.66GHz	250	2729	NA	NA
Intel Celeron 2.70GHz	245	2737	NA	NA
Intel Celeron 2.80GHz	254	2722	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.93GHz	283	2684	NA	NA
Intel Celeron 3.06GHz	285	2681	NA	NA
Intel Celeron 3.20GHz	288	2674	NA	NA
Intel Celeron 3.33GHz	333	2616	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2624	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2626	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2482	11.27	\$39.99*
Intel Celeron 430 @ 1.80GHz	490	2439	9.13	\$53.75
Intel Celeron 440 @ 2.00GHz	546	2398	9.11	\$59.99
Intel Celeron 450 @ 2.20GHz	624	2361	20.82	\$29.99*
Intel Celeron 530 @ 1.73GHz	468	2462	20.37	\$23.00*
Intel Celeron 540 @ 1.86GHz	520	2417	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2419	7.96	\$64.95
Intel Celeron 560 @ 2.13GHz	535	2407	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2418	NA	NA
Intel Celeron 600MHz	147	2816	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2531	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2507	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2300	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2577	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 827E @ 1.40GHz	613	2365	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2209	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1030	2141	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2082	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2063	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	1994	NA	NA
Intel Celeron 887 @ 1.50GHz	1274	2006	NA	NA
Intel Celeron 900 @ 2.20GHz	679	2336	23.43	\$28.99
Intel Celeron 925 @ 2.30GHz	695	2327	NA	NA
Intel Celeron 1000M @ 1.80GHz	1677	1802	NA	NA
Intel Celeron 1000MHz	213	2765	NA	NA
Intel Celeron 1005M @ 1.90GHz	1807	1733	NA	NA
Intel Celeron 1007U @ 1.50GHz	1389	1938	7.51	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1520	1879	NA	NA
Intel Celeron 1019Y @ 1.00GHz	931	2212	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1549	NA	NA
Intel Celeron 1037U @ 1.80GHz	1735	1766	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2053	NA	NA
Intel Celeron 1066MHz	259	2718	NA	NA
Intel Celeron 1100MHz	174	2802	NA	NA
Intel Celeron 1133MHz	282	2687	NA	NA
Intel Celeron 1200MHz	244	2739	NA	NA
Intel Celeron 1300MHz	288	2676	NA	NA
Intel Celeron 1333MHz	290	2670	NA	NA
Intel Celeron 1400MHz	302	2650	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1496	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1843	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1974	1651	NA	NA
Intel Celeron 2955U @ 1.40GHz	1420	1926	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2957U @ 1.40GHz	1436	1918	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2095	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1509	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1852	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1858	NA	NA
Intel Celeron 3205U @ 1.50GHz	1494	1897	5.21	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1642	1824	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1788	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1644	NA	NA
Intel Celeron 3855U @ 1.60GHz	1673	1804	NA	NA
Intel Celeron 3865U @ 1.80GHz	1941	1666	NA	NA
Intel Celeron 3955U @ 2.00GHz	1899	1688	NA	NA
Intel Celeron 3965U @ 2.20GHz	2411	1472	22.54	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1630	1831	15.23	\$107.00*
Intel Celeron @ 1.30GHz	965	2186	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2790	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2272	NA	NA
Intel Celeron B800 @ 1.50GHz	1275	2004	NA	NA
Intel Celeron B810 @ 1.60GHz	1425	1923	NA	NA
Intel Celeron B815 @ 1.60GHz	1364	1949	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron B820 @ 1.70GHz	1426	1922	36.30	\$39.29*
Intel Celeron B830 @ 1.80GHz	1514	1887	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1772	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2707	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2651	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2632	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2612	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2532	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2453	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2380	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2249	7.80	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1046	2133	11.64	\$89.95
Intel Celeron E1500 @ 2.20GHz	1180	2058	60.07	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2015	NA	NA
Intel Celeron E3200 @ 2.40GHz	1392	1936	26.78	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1386	1940	22.21	\$62.42
Intel Celeron E3400 @ 2.60GHz	1438	1916	29.88	\$48.15*
Intel Celeron E3500 @ 2.70GHz	1454	1911	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	694	2328	13.90	\$49.99*
Intel Celeron G460 @ 1.80GHz	1029	2142	15.84	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2124	10.64	\$100.00
Intel Celeron G470 @ 2.00GHz	1298	1987	NA	NA
Intel Celeron G530 @ 2.40GHz	2131	1585	53.29	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1773	NA	NA
Intel Celeron G540 @ 2.50GHz	2199	1561	48.89	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1593	NA	NA
Intel Celeron G550 @ 2.60GHz	2289	1517	28.61	\$80.00
Intel Celeron G550T @ 2.20GHz	2063	1615	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1469	60.57	\$40.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1101 @ 2.27GHz	1667	1812	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2489	1446	8.30	\$299.95
Intel Celeron G1610T @ 2.30GHz	2286	1520	57.12	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2576	1412	16.77	\$153.59*
Intel Celeron G1620T @ 2.40GHz	2353	1498	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1444	49.89	\$49.99*
Intel Celeron G1820 @ 2.70GHz	2753	1359	30.59	\$89.99
Intel Celeron G1820T @ 2.40GHz	2505	1440	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1583	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1425	26.80	\$94.95
Intel Celeron G1840 @ 2.80GHz	2861	1321	27.92	\$102.50
Intel Celeron G1840T @ 2.50GHz	2605	1400	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1302	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3147	1227	52.46	\$59.99
Intel Celeron G3900E @ 2.40GHz	2679	1379	NA	NA
Intel Celeron G3900T @ 2.60GHz	2919	1300	24.86	\$117.43
Intel Celeron G3900TE @ 2.30GHz	2591	1407	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1232	22.31	\$139.99
Intel Celeron G3930 @ 2.90GHz	3040	1260	59.42	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1350	32.17	\$85.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3950 @ 3.00GHz	3006	1270	42.21	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3262	1181	59.33	\$54.99
Intel Celeron G4900T @ 2.90GHz	2960	1286	NA	NA
Intel Celeron G4920 @ 3.20GHz	3150	1226	41.07	\$76.71
Intel Celeron J1750 @ 2.41GHz	1037	2138	NA	NA
Intel Celeron J1800 @ 2.41GHz	1027	2144	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1840	NA	NA
Intel Celeron J1900 @ 1.99GHz	1841	1719	NA	NA
Intel Celeron J3060 @ 1.60GHz	974	2179	NA	NA
Intel Celeron J3160 @ 1.60GHz	1791	1739	NA	NA
Intel Celeron J3355 @ 2.00GHz	1193	2050	NA	NA
Intel Celeron J3455 @ 1.50GHz	2125	1590	5.75	\$369.99
Intel Celeron J4005 @ 2.00GHz	1560	1864	11.11	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2640	1390	24.67	\$107.00*
Intel Celeron M 1.00GHz	207	2772	16.60	\$12.49
Intel Celeron M 1.30GHz	316	2631	NA	NA
Intel Celeron M 1.50GHz	343	2607	NA	NA
Intel Celeron M 1.60GHz	365	2584	NA	NA
Intel Celeron M 1.70GHz	393	2552	NA	NA
Intel Celeron M 360 1.40GHz	328	2620	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2633	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2609	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2579	NA	NA
Intel Celeron M 440 @ 1.86GHz	397	2543	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2724	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2483	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2505	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2469	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2402	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 600MHz	151	2814	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2477	NA	NA
Intel Celeron M 900MHz	204	2774	NA	NA
Intel Celeron M 1200MHz	275	2702	NA	NA
Intel Celeron M 1300MHz	303	2647	NA	NA
Intel Celeron M 1500MHz	333	2617	NA	NA
Intel Celeron M ULV 800MHz	184	2794	NA	NA
Intel Celeron N2805 @ 1.46GHz	461	2473	NA	NA
Intel Celeron N2806 @ 1.60GHz	794	2282	NA	NA
Intel Celeron N2807 @ 1.58GHz	853	2253	NA	NA
Intel Celeron N2808 @ 1.58GHz	913	2226	NA	NA
Intel Celeron N2810 @ 2.00GHz	782	2285	5.59	\$139.99*
Intel Celeron N2815 @ 1.86GHz	852	2254	NA	NA
Intel Celeron N2820 @ 2.13GHz	930	2213	4.43	\$209.99
Intel Celeron N2830 @ 2.16GHz	954	2197	NA	NA
Intel Celeron N2840 @ 2.16GHz	1003	2158	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2046	NA	NA
Intel Celeron N2920 @ 1.86GHz	1499	1893	NA	NA
Intel Celeron N2930 @ 1.83GHz	1627	1833	NA	NA
Intel Celeron N2940 @ 1.83GHz	1733	1767	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N3000 @ 1.04GHz	901	2233	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2187	NA	NA
Intel Celeron N3050 @ 1.60GHz	878	2239	6.89	\$127.55
Intel Celeron N3060 @ 1.60GHz	991	2173	NA	NA
Intel Celeron N3150 @ 1.60GHz	1655	1818	NA	NA
Intel Celeron N3160 @ 1.60GHz	1672	1807	5.83	\$286.99*
Intel Celeron N3350 @ 1.10GHz	1106	2100	NA	NA
Intel Celeron N3450 @ 1.10GHz	1847	1714	13.05	\$141.58
Intel Celeron N4000 @ 1.10GHz	1471	1904	13.75	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2329	1501	21.77	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1119	2088	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2169	NA	NA
Intel Celeron P4600 @ 2.00GHz	1339	1965	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2289	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2200	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2128	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1787	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2311	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2332	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2277	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2131	87.70	\$11.99*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2074	23.15	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1270	2009	211.73	\$6.00*
Intel Core2 Duo E4600 @ 2.40GHz	1383	1941	8.76	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1482	1901	54.93	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1109	2096	85.42	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2056	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1289	1995	43.06	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1360	1955	27.21	\$49.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6540 @ 2.33GHz	1458	1909	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1894	100.21	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1553	1867	103.63	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1796	56.46	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1716	1774	166.63	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1948	1663	38.97	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1631	1830	33.30	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1725	1769	43.27	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1772	1747	61.13	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1875	1702	125.11	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1969	1654	16.42	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1520	1880	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1746	1758	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1885	1699	37.73	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1661	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1497	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1992	1643	99.66	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1716	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1588	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2149	1578	47.23	\$45.50

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8435 @ 3.06GHz	2127	1589	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2282	1524	57.08	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2403	1476	48.09	\$49.99*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1557	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2295	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2333	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2268	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2256	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	958	2194	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2181	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2089	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	2123	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1325	1973	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	1992	64.61	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	1986	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1417	1927	35.44	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2205	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1883	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1437	1917	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2149	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1454	1910	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1872	31.24	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1834	42.77	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1761	30.57	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1863	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1756	1753	1.76	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1738	1764	17.56	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1863	1708	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2013	1636	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo Q6867 @ 3.00GHz	589	2378	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1264	2012	5.00	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1676	1803	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	932	2211	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	832	2263	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	835	2262	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2273	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	933	2210	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	912	2227	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2229	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2220	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1042	2136	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2143	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2170	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1093	2110	109.49	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1111	2093	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1195	2048	75.21	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1148	2079	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	2040	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1225	2033	81.76	\$14.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T6500 @ 2.10GHz	1286	1998	85.82	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1257	2014	32.66	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1361	1953	72.04	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1361	1952	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1017	2151	46.29	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1166	2068	11.67	\$99.95
Intel Core2 Duo T7250 @ 2.00GHz	1114	2092	5.53	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1192	2051	38.49	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1246	2023	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1273	2007	29.62	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1381	1943	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1423	1925	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1586	1855	2.61	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1296	1989	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1471	1903	13.51	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1673	1806	28.86	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1740	1763	24.88	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1796	1737	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1805	1735	6.04	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1928	1672	21.44	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2020	1634	4.77	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2131	1584	5.34	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	872	2242	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2376	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2340	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2325	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2247	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1133	2087	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1797	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1086	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3634	1089	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1134	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1872	1705	7.10	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1736	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1969	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1799	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1895	1693	4.62	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2063	1614	2.42	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4159	973	4.84	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	907	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	882	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	871	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2950	1288	73.80	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3285	1179	73.03	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2812	1338	122.32	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2982	1276	59.66	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3164	1219	13.19	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2524	1431	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1192	8.40	\$385.89*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9300 @ 2.50GHz	3159	1222	63.21	\$49.99*
Intel Core2 Quad Q9400 @ 2.66GHz	3341	1168	98.32	\$33.99*
Intel Core2 Quad Q9450 @ 2.66GHz	3760	1058	105.33	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3537	1115	101.10	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3561	1106	18.74	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3965	1013	89.13	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4163	971	37.87	\$109.95
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1015	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	350	2598	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2640	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2517	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	464	2466	NA	NA
Intel Core 330 @ 1.60GHz	643	2351	NA	NA
Intel Core 860 @ 2.80GHz	4555	892	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2314	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2317	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2301	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2330	NA	NA
Intel Core Duo T2250 @ 1.73GHz	756	2298	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2309	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2293	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2280	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2267	NA	NA
Intel Core Duo T2500 @ 2.00GHz	867	2244	7.23	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2207	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2148	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2400	NA	NA
Intel Core Duo U2500 @ 1.20GHz	511	2425	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1670	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-330M @ 2.13GHz	1787	1742	36.80	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1075	2122	NA	NA
Intel Core i3-350M @ 2.27GHz	1892	1694	17.37	\$108.95*
Intel Core i3-370M @ 2.40GHz	2014	1635	50.40	\$39.96*
Intel Core i3-380M @ 2.53GHz	2095	1602	34.95	\$59.95
Intel Core i3-380UM @ 1.33GHz	1160	2073	NA	NA
Intel Core i3-390M @ 2.67GHz	2183	1566	56.06	\$38.95*
Intel Core i3-530 @ 2.93GHz	2567	1418	13.59	\$189.00
Intel Core i3-540 @ 3.07GHz	2688	1376	19.56	\$137.45
Intel Core i3-550 @ 3.20GHz	2829	1328	16.10	\$175.74
Intel Core i3-560 @ 3.33GHz	2937	1292	16.32	\$179.95
Intel Core i3-2100 @ 3.10GHz	3691	1080	26.37	\$140.00
Intel Core i3-2100T @ 2.50GHz	2962	1285	49.39	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1066	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3706	1071	32.24	\$114.99
Intel Core i3-2120 @ 3.30GHz	3929	1020	70.17	\$55.99
Intel Core i3-2120T @ 2.60GHz	3164	1218	19.78	\$160.00
Intel Core i3-2125 @ 3.30GHz	4000	999	19.32	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4068	989	35.38	\$114.99
Intel Core i3-2140 @ 3.50GHz	4325	944	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2310E @ 2.10GHz	2839	1325	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2430	1466	54.02	\$44.99
Intel Core i3-2312M @ 2.10GHz	2374	1488	NA	NA
Intel Core i3-2328M @ 2.20GHz	2540	1427	27.33	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1248	NA	NA
Intel Core i3-2330M @ 2.20GHz	2523	1433	14.83	\$170.20*
Intel Core i3-2332M @ 2.20GHz	2382	1484	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1771	NA	NA
Intel Core i3-2348M @ 2.30GHz	2618	1396	NA	NA
Intel Core i3-2350M @ 2.30GHz	2624	1393	71.30	\$36.81*
Intel Core i3-2357M @ 1.30GHz	1556	1866	NA	NA
Intel Core i3-2365M @ 1.40GHz	1678	1801	NA	NA
Intel Core i3-2367M @ 1.40GHz	1706	1785	NA	NA
Intel Core i3-2370M @ 2.40GHz	2777	1348	69.77	\$39.81*
Intel Core i3-2375M @ 1.50GHz	1774	1745	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1728	NA	NA
Intel Core i3-3110M @ 2.40GHz	3080	1246	38.53	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3218	1200	23.15	\$139.00*
Intel Core i3-3130M @ 2.60GHz	3390	1153	NA	NA
Intel Core i3-3210 @ 3.20GHz	4033	994	13.74	\$293.59
Intel Core i3-3217U @ 1.80GHz	2304	1513	10.02	\$229.99
Intel Core i3-3217UE @ 1.60GHz	2162	1573	NA	NA
Intel Core i3-3220 @ 3.30GHz	4241	957	53.69	\$79.00
Intel Core i3-3220T @ 2.80GHz	3692	1079	13.48	\$273.95
Intel Core i3-3225 @ 3.30GHz	4341	939	36.48	\$119.00
Intel Core i3-3227U @ 1.90GHz	2471	1454	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1790	NA	NA
Intel Core i3-3240 @ 3.40GHz	4314	947	107.89	\$39.99
Intel Core i3-3240T @ 2.90GHz	3653	1087	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3245 @ 3.40GHz	4437	917	24.79	\$179.01
Intel Core i3-3250 @ 3.50GHz	4447	915	46.82	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1091	NA	NA
Intel Core i3-4000M @ 2.40GHz	3249	1188	16.25	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2441	1462	NA	NA
Intel Core i3-4010U @ 1.70GHz	2438	1463	22.17	\$110.00*
Intel Core i3-4010Y @ 1.30GHz	1900	1687	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2163	1572	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2213	1556	NA	NA
Intel Core i3-4025U @ 1.90GHz	2782	1347	NA	NA
Intel Core i3-4030U @ 1.90GHz	2713	1370	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1439	NA	NA
Intel Core i3-4100M @ 2.50GHz	3443	1139	15.76	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	1028	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1310	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1257	NA	NA
Intel Core i3-4130 @ 3.40GHz	4802	850	25.29	\$189.89
Intel Core i3-4130T @ 2.90GHz	4142	975	46.55	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4897	830	28.31	\$173.00
Intel Core i3-4150T @ 3.00GHz	4230	959	18.40	\$229.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4158U @ 2.00GHz	2914	1301	NA	NA
Intel Core i3-4160 @ 3.60GHz	5052	797	46.35	\$109.00
Intel Core i3-4160T @ 3.10GHz	4433	919	29.56	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5192	773	24.85	\$208.95
Intel Core i3-4170T @ 3.20GHz	4549	895	21.67	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5086	786	22.06	\$230.58
Intel Core i3-4330T @ 3.00GHz	4486	911	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1203	NA	NA
Intel Core i3-4340 @ 3.60GHz	5240	766	27.58	\$189.99
Intel Core i3-4350 @ 3.60GHz	4963	818	29.20	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	949	NA	NA
Intel Core i3-4360 @ 3.70GHz	5461	731	37.93	\$143.99
Intel Core i3-4360T @ 3.20GHz	4636	874	NA	NA
Intel Core i3-4370 @ 3.80GHz	5611	711	13.52	\$415.00
Intel Core i3-4370T @ 3.30GHz	4890	832	35.44	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	825	NA	NA
Intel Core i3-5005U @ 2.00GHz	2904	1308	NA	NA
Intel Core i3-5010U @ 2.10GHz	3055	1254	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	3007	1268	NA	NA
Intel Core i3-5020U @ 2.20GHz	3192	1207	6.95	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3663	1084	NA	NA
Intel Core i3-6006U @ 2.00GHz	3090	1241	NA	NA
Intel Core i3-6098P @ 3.60GHz	5424	734	40.56	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5486	724	39.65	\$138.35
Intel Core i3-6100E @ 2.70GHz	3769	1056	NA	NA
Intel Core i3-6100H @ 2.70GHz	4249	955	NA	NA
Intel Core i3-6100T @ 3.20GHz	4850	841	25.53	\$189.99*
Intel Core i3-6100TE @ 2.70GHz	4337	940	NA	NA
Intel Core i3-6100U @ 2.30GHz	3602	1094	7.00	\$515.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-6157U @ 2.40GHz	3835	1038	NA	NA
Intel Core i3-6300 @ 3.80GHz	5844	684	35.86	\$162.99
Intel Core i3-6300T @ 3.30GHz	5255	764	33.91	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6047	664	31.51	\$191.90
Intel Core i3-7020U @ 2.30GHz	3497	1121	12.45	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5783	689	31.55	\$183.33
Intel Core i3-7100H @ 3.00GHz	4696	866	20.87	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5044	802	56.68	\$89.00*
Intel Core i3-7100U @ 2.40GHz	3776	1054	8.46	\$446.23*
Intel Core i3-7101TE @ 3.40GHz	5196	771	44.42	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4082	987	14.53	\$281.00*
Intel Core i3-7167U @ 2.80GHz	4757	857	NA	NA
Intel Core i3-7300 @ 4.00GHz	6372	630	37.08	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	745	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6413	625	35.10	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6629	605	39.16	\$169.31
Intel Core i3-8100 @ 3.60GHz	8041	467	62.34	\$129.00
Intel Core i3-8100B @ 3.60GHz	8431	434	63.39	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7414	529	53.34	\$139.00*
Intel Core i3-8109U @ 3.00GHz	6171	647	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8121U @ 2.20GHz	4738	860	NA	NA
Intel Core i3-8130U @ 2.20GHz	5065	795	18.03	\$281.00*
Intel Core i3-8145U @ 2.10GHz	4859	839	17.29	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8657	418	49.60	\$174.55
Intel Core i3-8300T @ 3.20GHz	8032	468	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9207	366	49.77	\$184.99
Intel Core i5 750S @ 2.40GHz	2197	1563	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1448	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3575	1103	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3810	1047	NA	NA
Intel Core i5-430M @ 2.27GHz	2098	1601	14.99	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	1964	NA	NA
Intel Core i5-450M @ 2.40GHz	2125	1591	66.53	\$31.95*
Intel Core i5-460M @ 2.53GHz	2324	1502	31.01	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	2119	NA	NA
Intel Core i5-480M @ 2.67GHz	2403	1477	29.81	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1543	NA	NA
Intel Core i5-520M @ 2.40GHz	2371	1491	49.42	\$47.98
Intel Core i5-520UM @ 1.07GHz	1356	1958	NA	NA
Intel Core i5-540M @ 2.53GHz	2454	1458	12.92	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	1946	NA	NA
Intel Core i5-560M @ 2.67GHz	2582	1411	28.71	\$89.97*
Intel Core i5-560UM @ 1.33GHz	1664	1813	NA	NA
Intel Core i5-580M @ 2.67GHz	2593	1405	23.59	\$109.95*
Intel Core i5-650 @ 3.20GHz	3099	1240	14.28	\$217.00
Intel Core i5-655K @ 3.20GHz	3395	1151	56.60	\$59.99*
Intel Core i5-660 @ 3.33GHz	3253	1185	9.30	\$349.95*
Intel Core i5-661 @ 3.33GHz	3183	1208	31.84	\$99.99*
Intel Core i5-670 @ 3.47GHz	3309	1174	36.77	\$89.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-680 @ 3.60GHz	3509	1118	11.32	\$309.95
Intel Core i5-750 @ 2.67GHz	3693	1078	39.91	\$92.55*
Intel Core i5-760 @ 2.80GHz	3886	1025	16.90	\$229.95
Intel Core i5-2300 @ 2.80GHz	5354	748	66.94	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5537	719	29.72	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5767	692	36.05	\$160.00
Intel Core i5-2380P @ 3.10GHz	5749	694	31.94	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4226	960	42.31	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5964	668	67.02	\$89.00
Intel Core i5-2400S @ 2.50GHz	4980	815	75.81	\$65.70*
Intel Core i5-2405S @ 2.50GHz	5082	788	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3165	1217	43.97	\$72.00*
Intel Core i5-2415M @ 2.30GHz	3299	1176	NA	NA
Intel Core i5-2430M @ 2.40GHz	3281	1180	39.01	\$84.11*
Intel Core i5-2435M @ 2.40GHz	3224	1196	NA	NA
Intel Core i5-2450M @ 2.50GHz	3401	1146	38.65	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6132	653	68.14	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2321	1504	NA	NA
Intel Core i5-2500 @ 3.30GHz	6339	634	66.35	\$95.55
Intel Core i5-2500K @ 3.30GHz	6478	616	56.33	\$115.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2500S @ 2.70GHz	5349	750	71.34	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4639	873	NA	NA
Intel Core i5-2510E @ 2.50GHz	3483	1126	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1172	NA	NA
Intel Core i5-2520M @ 2.50GHz	3590	1096	21.17	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2092	1603	NA	NA
Intel Core i5-2540M @ 2.60GHz	3783	1052	65.22	\$58.02
Intel Core i5-2550K @ 3.40GHz	6666	601	51.28	\$129.99*
Intel Core i5-2557M @ 1.70GHz	2685	1378	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1061	NA	NA
Intel Core i5-3210M @ 2.50GHz	3827	1041	51.70	\$74.02*
Intel Core i5-3230M @ 2.60GHz	3939	1019	14.48	\$272.04*
Intel Core i5-3317U @ 1.70GHz	3090	1242	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4123	982	36.98	\$111.51*
Intel Core i5-3330 @ 3.00GHz	5939	671	21.14	\$280.99*
Intel Core i5-3330S @ 2.70GHz	5678	702	59.78	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	688	NA	NA
Intel Core i5-3337U @ 1.80GHz	3223	1197	14.33	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1555	NA	NA
Intel Core i5-3340 @ 3.10GHz	6085	661	20.77	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4246	956	53.12	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	683	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6148	651	40.99	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4433	920	47.77	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4431	921	NA	NA
Intel Core i5-3427U @ 1.80GHz	3548	1111	8.45	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3637	1088	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1295	NA	NA
Intel Core i5-3450 @ 3.10GHz	6536	611	51.48	\$126.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3450S @ 2.80GHz	6223	640	62.24	\$99.99*
Intel Core i5-3470 @ 3.20GHz	6713	596	69.73	\$96.28
Intel Core i5-3470S @ 2.90GHz	6369	631	37.69	\$168.99
Intel Core i5-3470T @ 2.90GHz	4484	912	14.52	\$308.95
Intel Core i5-3475S @ 2.90GHz	6619	607	46.13	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6959	570	46.40	\$149.99
Intel Core i5-3550S @ 3.00GHz	6906	576	20.25	\$341.01*
Intel Core i5-3570 @ 3.40GHz	7123	557	67.85	\$104.99
Intel Core i5-3570K @ 3.40GHz	7174	552	17.94	\$399.99
Intel Core i5-3570S @ 3.10GHz	6773	588	23.77	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5901	675	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3898	1024	NA	NA
Intel Core i5-4200H @ 2.80GHz	4442	916	NA	NA
Intel Core i5-4200M @ 2.50GHz	4033	993	49.72	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3292	1178	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1474	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2257	1537	NA	NA
Intel Core i5-4210H @ 2.90GHz	4528	903	NA	NA
Intel Core i5-4210M @ 2.60GHz	4194	965	13.53	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3404	1145	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4210Y @ 1.50GHz	2378	1486	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1510	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1309	NA	NA
Intel Core i5-4250U @ 1.30GHz	3451	1135	9.61	\$358.99*
Intel Core i5-4258U @ 2.40GHz	4082	986	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1104	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	933	NA	NA
Intel Core i5-4288U @ 2.60GHz	4317	946	NA	NA
Intel Core i5-4300M @ 2.60GHz	4425	923	NA	NA
Intel Core i5-4300U @ 1.90GHz	3741	1065	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2499	1443	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1280	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	962	NA	NA
Intel Core i5-4310M @ 2.70GHz	4625	880	NA	NA
Intel Core i5-4310U @ 2.00GHz	3759	1060	NA	NA
Intel Core i5-4330M @ 2.80GHz	4547	897	16.54	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4828	843	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1092	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	896	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1016	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1339	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6331	635	21.18	\$298.99
Intel Core i5-4430S @ 2.70GHz	5938	672	37.12	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6509	613	13.10	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6225	639	13.45	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6716	595	21.67	\$309.99
Intel Core i5-4460S @ 2.90GHz	6411	626	9.71	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4955	821	NA	NA
Intel Core i5-4570 @ 3.20GHz	7143	553	32.92	\$217.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4570R @ 2.70GHz	6775	587	NA	NA
Intel Core i5-4570S @ 2.90GHz	6815	582	37.89	\$179.90
Intel Core i5-4570T @ 2.90GHz	4814	844	32.10	\$149.99*
Intel Core i5-4570TE @ 2.70GHz	3827	1040	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7324	539	49.16	\$149.00
Intel Core i5-4590S @ 3.00GHz	7059	562	47.38	\$149.00
Intel Core i5-4590T @ 2.00GHz	5609	712	26.72	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7452	522	46.87	\$159.00*
Intel Core i5-4670K @ 3.40GHz	7633	507	22.20	\$343.81
Intel Core i5-4670K CPT @ 3.40GHz	7411	530	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	527	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7353	535	34.52	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6168	649	23.81	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7674	504	27.51	\$279.00
Intel Core i5-4690K @ 3.50GHz	7796	491	25.23	\$309.00
Intel Core i5-4690S @ 3.20GHz	7449	523	16.57	\$449.53*
Intel Core i5-4690T @ 2.50GHz	6478	615	NA	NA
Intel Core i5-5200U @ 2.20GHz	3486	1125	NA	NA
Intel Core i5-5250U @ 1.60GHz	3584	1099	8.11	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4406	926	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-5287U @ 2.90GHz	4700	865	NA	NA
Intel Core i5-5300U @ 2.30GHz	3819	1043	7.41	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3482	1127	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	519	NA	NA
Intel Core i5-5675C @ 3.10GHz	8191	450	20.48	\$399.99*
Intel Core i5-5675R @ 3.10GHz	8054	465	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4147	974	NA	NA
Intel Core i5-6200U @ 2.30GHz	4019	995	NA	NA
Intel Core i5-6260U @ 1.80GHz	4360	934	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4960	820	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	858	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6091	660	NA	NA
Intel Core i5-6300U @ 2.40GHz	4374	931	NA	NA
Intel Core i5-6360U @ 2.00GHz	4880	833	NA	NA
Intel Core i5-6400 @ 2.70GHz	6765	590	35.80	\$189.00
Intel Core i5-6400T @ 2.20GHz	5616	709	33.23	\$169.00
Intel Core i5-6402P @ 2.80GHz	7116	558	37.46	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	641	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6793	584	NA	NA
Intel Core i5-6500 @ 3.20GHz	7246	545	36.24	\$199.99
Intel Core i5-6500T @ 2.50GHz	6284	637	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6539	610	31.14	\$209.99*
Intel Core i5-6600 @ 3.30GHz	7768	493	29.89	\$259.94*
Intel Core i5-6600K @ 3.50GHz	8063	463	32.65	\$246.99*
Intel Core i5-6600T @ 2.70GHz	7342	536	30.60	\$239.99*
Intel Core i5-7200U @ 2.50GHz	4610	885	NA	NA
Intel Core i5-7260U @ 2.20GHz	5680	700	7.11	\$799.00
Intel Core i5-7267U @ 3.10GHz	5098	783	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	707	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7300HQ @ 2.50GHz	6802	583	NA	NA
Intel Core i5-7300U @ 2.60GHz	5187	774	13.34	\$389.00
Intel Core i5-7360U @ 2.30GHz	5823	686	NA	NA
Intel Core i5-7400 @ 3.00GHz	7337	538	33.41	\$219.59
Intel Core i5-7400T @ 2.40GHz	6418	624	31.01	\$206.99
Intel Core i5-7440HQ @ 2.80GHz	7652	506	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	6262	638	25.05	\$250.00*
Intel Core i5-7500 @ 3.40GHz	8028	469	36.33	\$221.00
Intel Core i5-7500T @ 2.70GHz	7012	565	30.90	\$226.99
Intel Core i5-7600 @ 3.50GHz	8732	410	35.79	\$243.99
Intel Core i5-7600K @ 3.80GHz	9121	374	33.06	\$275.94
Intel Core i5-7600T @ 2.80GHz	8077	461	34.39	\$234.89
Intel Core i5-7640X @ 4.00GHz	9545	337	29.28	\$326.03
Intel Core i5-8200Y @ 1.30GHz	4206	964	14.46	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4057	990	NA	NA
Intel Core i5-8250U @ 1.60GHz	7682	502	NA	NA
Intel Core i5-8259U @ 2.30GHz	11003	243	16.11	\$683.00
Intel Core i5-8265U @ 1.60GHz	8188	452	27.57	\$297.00*
Intel Core i5-8300H @ 2.30GHz	9506	339	38.03	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8946	395	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8350U @ 1.70GHz	8216	447	27.67	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11641	224	53.25	\$218.62
Intel Core i5-8400H @ 2.50GHz	10138	284	40.55	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9587	334	45.87	\$209.00
Intel Core i5-8500 @ 3.00GHz	11939	219	54.52	\$219.00
Intel Core i5-8500B @ 3.00GHz	12627	198	65.77	\$192.00*
Intel Core i5-8500T @ 2.10GHz	9993	299	45.77	\$218.34*
Intel Core i5-8600 @ 3.10GHz	12617	199	50.47	\$249.99*
Intel Core i5-8600K @ 3.60GHz	12765	193	45.60	\$279.95
Intel Core i5-8600T @ 2.30GHz	10875	248	29.08	\$373.99*
Intel Core i5-9400 @ 2.90GHz	11988	216	65.87	\$182.00*
Intel Core i5-9400F @ 2.90GHz	12218	211	69.83	\$174.99
Intel Core i5-9600K @ 3.70GHz	13512	179	50.99	\$264.99
Intel Core i5-24050S @ 2.50GHz	4928	826	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3751	1062	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1655	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1424	NA	NA
Intel Core i7-620LM @ 2.00GHz	1947	1664	NA	NA
Intel Core i7-620M @ 2.67GHz	2722	1368	24.75	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	1974	NA	NA
Intel Core i7-640LM @ 2.13GHz	2254	1539	NA	NA
Intel Core i7-640M @ 2.80GHz	2828	1329	14.15	\$199.95
Intel Core i7-640UM @ 1.20GHz	1661	1815	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1760	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1781	NA	NA
Intel Core i7-720QM @ 1.60GHz	3010	1265	27.38	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3193	1206	29.04	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3226	1195	23.21	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3408	1144	11.75	\$289.97*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-860 @ 2.80GHz	5002	811	56.85	\$87.99*
Intel Core i7-860S @ 2.53GHz	4711	862	23.56	\$199.99*
Intel Core i7-870 @ 2.93GHz	5329	757	53.30	\$99.99
Intel Core i7-870S @ 2.67GHz	4849	842	NA	NA
Intel Core i7-875K @ 2.93GHz	5424	735	12.05	\$449.99*
Intel Core i7-880 @ 3.07GHz	5522	722	9.47	\$583.00*
Intel Core i7-920 @ 2.67GHz	4918	829	28.27	\$174.00*
Intel Core i7-920XM @ 2.00GHz	3726	1068	1.10	\$3,375.00*
Intel Core i7-930 @ 2.80GHz	5136	779	39.51	\$129.99
Intel Core i7-940 @ 2.93GHz	5343	753	51.39	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3964	1014	NA	NA
Intel Core i7-950 @ 3.07GHz	5544	717	15.62	\$354.98
Intel Core i7-960 @ 3.20GHz	5804	687	21.19	\$273.99
Intel Core i7-965 @ 3.20GHz	5856	680	41.83	\$139.99*
Intel Core i7-970 @ 3.20GHz	8364	437	16.73	\$499.95
Intel Core i7-975 @ 3.33GHz	6123	655	34.02	\$179.99*
Intel Core i7-980 @ 3.33GHz	8643	420	43.22	\$199.98*
Intel Core i7-980X @ 3.33GHz	8753	409	9.62	\$909.99
Intel Core i7-985 @ 3.47GHz	6641	603	NA	NA
Intel Core i7-990X @ 3.47GHz	9062	378	25.89	\$349.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-995X @ 3.60GHz	9791	318	NA	NA
Intel Core i7-2600 @ 3.40GHz	8188	451	49.65	\$164.93
Intel Core i7-2600K @ 3.40GHz	8427	435	18.32	\$459.99
Intel Core i7-2600S @ 2.80GHz	7084	559	37.29	\$189.99
Intel Core i7-2610UE @ 1.50GHz	2481	1451	NA	NA
Intel Core i7-2617M @ 1.50GHz	2824	1332	NA	NA
Intel Core i7-2620M @ 2.70GHz	3841	1035	22.62	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5527	721	24.04	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1410	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5456	732	NA	NA
Intel Core i7-2637M @ 1.70GHz	2905	1307	NA	NA
Intel Core i7-2640M @ 2.80GHz	3921	1023	21.09	\$185.97*
Intel Core i7-2655LE @ 2.20GHz	3196	1205	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5882	679	42.32	\$139.00*
Intel Core i7-2675QM @ 2.20GHz	5531	720	NA	NA
Intel Core i7-2677M @ 1.80GHz	2824	1331	NA	NA
Intel Core i7-2700K @ 3.50GHz	8687	415	21.51	\$403.88
Intel Core i7-2710QE @ 2.10GHz	5768	691	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	746	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6116	656	32.20	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6576	609	41.15	\$159.81*
Intel Core i7-2820QM @ 2.30GHz	6640	604	18.66	\$355.95*
Intel Core i7-2840QM @ 2.40GHz	6766	589	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6987	567	11.65	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7039	564	15.98	\$440.44
Intel Core i7-2960XM @ 2.70GHz	7239	547	17.66	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3586	1098	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3350	1164	NA	NA
Intel Core i7-3520M @ 2.90GHz	4546	898	19.35	\$235.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3537U @ 2.00GHz	3847	1034	NA	NA
Intel Core i7-3540M @ 3.00GHz	4664	869	10.85	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1012	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	618	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7459	520	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	597	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6825	581	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	521	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7385	533	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7581	510	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6932	573	29.12	\$238.05
Intel Core i7-3635QM @ 2.40GHz	6674	600	NA	NA
Intel Core i7-3667U @ 2.00GHz	3999	1001	NA	NA
Intel Core i7-3687U @ 2.10GHz	4186	967	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1199	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8123	459	22.63	\$359.00*
Intel Core i7-3740QM @ 2.70GHz	8323	441	34.69	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9282	359	45.28	\$205.00
Intel Core i7-3770K @ 3.50GHz	9510	338	18.76	\$507.00
Intel Core i7-3770S @ 3.10GHz	8893	398	25.31	\$351.45

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3770T @ 2.50GHz	8208	449	24.87	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8991	388	47.57	\$189.00
Intel Core i7-3820QM @ 2.70GHz	8403	436	17.26	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8773	406	26.19	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9159	369	8.36	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11981	217	30.03	\$398.98*
Intel Core i7-3940XM @ 3.00GHz	9273	360	17.20	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12586	200	13.84	\$909.78*
Intel Core i7-3970X @ 3.50GHz	12677	196	15.65	\$809.99*
Intel Core i7-4500U @ 1.80GHz	3791	1050	NA	NA
Intel Core i7-4510U @ 2.00GHz	3922	1022	NA	NA
Intel Core i7-4550U @ 1.50GHz	3699	1075	NA	NA
Intel Core i7-4558U @ 2.80GHz	4391	929	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	942	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	852	NA	NA
Intel Core i7-4600M @ 2.90GHz	4894	831	NA	NA
Intel Core i7-4600U @ 2.10GHz	4099	984	NA	NA
Intel Core i7-4610M @ 3.00GHz	4942	823	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1064	NA	NA
Intel Core i7-4650U @ 1.70GHz	3967	1011	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	551	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7726	498	20.17	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7688	501	40.68	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7415	528	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7124	555	21.14	\$337.04*
Intel Core i7-4710HQ @ 2.50GHz	7725	499	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7986	474	29.41	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7522	515	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7210	549	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4720HQ @ 2.60GHz	7994	473	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8067	462	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8225	446	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	424	NA	NA
Intel Core i7-4765T @ 2.00GHz	7308	542	18.27	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9780	321	37.76	\$259.00
Intel Core i7-4770HQ @ 2.20GHz	8948	393	NA	NA
Intel Core i7-4770K @ 3.50GHz	10082	290	28.81	\$350.00
Intel Core i7-4770R @ 3.20GHz	9822	314	NA	NA
Intel Core i7-4770S @ 3.10GHz	9345	354	37.38	\$249.99*
Intel Core i7-4770T @ 2.50GHz	8587	425	21.47	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	593	NA	NA
Intel Core i7-4771 @ 3.50GHz	9868	310	16.18	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7617	509	NA	NA
Intel Core i7-4790 @ 3.60GHz	9986	300	41.61	\$239.99
Intel Core i7-4790K @ 4.00GHz	11175	232	31.57	\$354.00
Intel Core i7-4790S @ 3.20GHz	9575	335	20.72	\$462.13*
Intel Core i7-4790T @ 2.70GHz	9082	377	25.30	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8463	431	41.49	\$204.00
Intel Core i7-4810MQ @ 2.80GHz	8649	419	20.35	\$424.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4820K @ 3.70GHz	9710	328	44.14	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9051	380	20.86	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7818	488	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9267	361	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9371	352	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8976	390	15.30	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9352	353	20.33	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13010	187	21.71	\$599.28*
Intel Core i7-4930MX @ 3.00GHz	9495	340	8.66	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9914	305	13.96	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9807	317	15.74	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13796	167	17.92	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10260	275	NA	NA
Intel Core i7-5500U @ 2.40GHz	3977	1007	NA	NA
Intel Core i7-5550U @ 2.00GHz	3686	1081	NA	NA
Intel Core i7-5557U @ 3.10GHz	4949	822	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4311	948	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	961	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	454	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	444	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8363	438	NA	NA
Intel Core i7-5775C @ 3.30GHz	10977	244	16.00	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10893	247	NA	NA
Intel Core i7-5820K @ 3.30GHz	12985	188	44.93	\$289.00
Intel Core i7-5850EQ @ 2.70GHz	9817	316	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	345	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13628	172	27.31	\$498.98*
Intel Core i7-5950HQ @ 2.90GHz	10925	246	NA	NA
Intel Core i7-5960X @ 3.00GHz	15943	113	11.28	\$1,413.29
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6498DU @ 2.50GHz	4538	900	NA	NA
Intel Core i7-6500U @ 2.50GHz	4430	922	NA	NA
Intel Core i7-6560U @ 2.20GHz	4809	845	NA	NA
Intel Core i7-6567U @ 3.30GHz	5656	708	NA	NA
Intel Core i7-6600U @ 2.60GHz	4803	849	NA	NA
Intel Core i7-6650U @ 2.20GHz	4964	817	NA	NA
Intel Core i7-6700 @ 3.40GHz	10004	297	29.08	\$343.99
Intel Core i7-6700HQ @ 2.60GHz	8133	457	21.52	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11109	236	24.87	\$446.79*
Intel Core i7-6700T @ 2.80GHz	9021	386	30.07	\$300.00*
Intel Core i7-6700TE @ 2.40GHz	8696	413	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9725	327	9.71	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13580	176	28.84	\$470.95
Intel Core i7-6820EQ @ 2.80GHz	8626	422	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9121	373	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8770	407	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	621	NA	NA
Intel Core i7-6850K @ 3.60GHz	14369	149	22.39	\$641.76
Intel Core i7-6900K @ 3.20GHz	17655	82	18.53	\$952.83
Intel Core i7-6920HQ @ 2.90GHz	9593	333	16.89	\$568.00*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6950X @ 3.00GHz	19950	50	14.49	\$1,377.00
Intel Core i7-7500U @ 2.70GHz	5157	777	NA	NA
Intel Core i7-7560U @ 2.40GHz	5849	682	NA	NA
Intel Core i7-7567U @ 3.50GHz	6495	614	NA	NA
Intel Core i7-7600U @ 2.80GHz	5091	784	NA	NA
Intel Core i7-7660U @ 2.50GHz	5998	666	NA	NA
Intel Core i7-7700 @ 3.60GHz	10731	251	32.03	\$334.99
Intel Core i7-7700HQ @ 2.80GHz	8813	405	NA	NA
Intel Core i7-7700K @ 4.20GHz	12038	215	34.40	\$349.99
Intel Core i7-7700T @ 2.90GHz	9266	362	27.24	\$340.15
Intel Core i7-7740X @ 4.30GHz	12279	208	20.47	\$599.99*
Intel Core i7-7800X @ 3.50GHz	14628	141	36.57	\$399.99
Intel Core i7-7820HK @ 2.90GHz	9986	301	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9242	363	24.45	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18484	71	20.78	\$889.45
Intel Core i7-7900X @ 3.30GHz	20153	49	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9979	303	NA	NA
Intel Core i7-8086K @ 4.00GHz	16691	92	30.19	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3873	1027	9.86	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8302	442	NA	NA
Intel Core i7-8559U @ 2.70GHz	12312	205	NA	NA
Intel Core i7-8565U @ 1.80GHz	9035	382	NA	NA
Intel Core i7-8650U @ 1.90GHz	8818	404	NA	NA
Intel Core i7-8700 @ 3.20GHz	15154	131	50.52	\$299.99
Intel Core i7-8700B @ 3.20GHz	14633	140	48.30	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15964	112	43.62	\$365.99
Intel Core i7-8700T @ 2.40GHz	12657	197	24.87	\$509.00*
Intel Core i7-8705G @ 3.10GHz	9995	298	6.94	\$1,440.00
Intel Core i7-8706G @ 3.10GHz	10549	260	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8709G @ 3.10GHz	9780	322	NA	NA
Intel Core i7-8750H @ 2.20GHz	12486	202	31.61	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11041	241	NA	NA
Intel Core i7-8850H @ 2.60GHz	13115	184	33.20	\$395.00*
Intel Core i7-9700K @ 3.60GHz	17256	86	42.09	\$409.99
Intel Core i7-9700KF @ 3.60GHz	18061	79	46.91	\$385.00*
Intel Core i7-9750H @ 2.60GHz	14118	157	NA	NA
Intel Core i7-9800X @ 3.80GHz	19818	53	31.46	\$629.99*
Intel Core i9-7900X @ 3.30GHz	21897	33	20.88	\$1,048.99*
Intel Core i9-7920X @ 2.90GHz	23341	24	19.45	\$1,199.99
Intel Core i9-7940X @ 3.10GHz	25422	14	18.17	\$1,399.00
Intel Core i9-7960X @ 2.80GHz	25982	12	18.56	\$1,399.99
Intel Core i9-7980XE @ 2.60GHz	27910	6	15.06	\$1,852.67
Intel Core i9-8950HK @ 2.90GHz	14428	147	24.75	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21526	38	25.63	\$839.99
Intel Core i9-9900K @ 3.60GHz	20169	48	42.02	\$479.99
Intel Core i9-9900X @ 3.50GHz	23067	26	23.07	\$999.99
Intel Core i9-9920X @ 3.50GHz	25996	11	21.68	\$1,199.00
Intel Core i9-9940X @ 3.30GHz	27109	8	19.38	\$1,399.00
Intel Core i9-9960X @ 3.10GHz	29513	1	17.37	\$1,699.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-9980XE @ 3.00GHz	29229	2	12.70	\$2,301.00
Intel Core m3-6Y30 @ 0.90GHz	3051	1256	10.86	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3550	1109	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1170	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3449	1136	12.28	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3373	1158	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3244	1191	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3478	1129	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2702	1372	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1483	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2816	1334	10.02	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1327	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2477	1452	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3018	1263	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2973	1279	10.58	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2551	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2544	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2461	NA	NA
Intel Core Solo U1300 @ 1.06GHz	271	2705	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2698	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2619	NA	NA
Intel E3000 @ 3.40GHz	2767	1349	NA	NA
Intel Pentium 4 1.40GHz	164	2805	NA	NA
Intel Pentium 4 1.50GHz	131	2822	NA	NA
Intel Pentium 4 1.60GHz	129	2824	NA	NA
Intel Pentium 4 1.70GHz	132	2821	NA	NA
Intel Pentium 4 1.80GHz	161	2808	NA	NA
Intel Pentium 4 1.90GHz	159	2809	NA	NA
Intel Pentium 4 2.00GHz	189	2787	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.20GHz	209	2769	NA	NA
Intel Pentium 4 2.26GHz	221	2757	NA	NA
Intel Pentium 4 2.40GHz	228	2750	NA	NA
Intel Pentium 4 2.50GHz	245	2735	NA	NA
Intel Pentium 4 2.53GHz	248	2731	NA	NA
Intel Pentium 4 2.60GHz	288	2677	NA	NA
Intel Pentium 4 2.66GHz	254	2723	NA	NA
Intel Pentium 4 2.80GHz	322	2625	NA	NA
Intel Pentium 4 2.93GHz	299	2659	NA	NA
Intel Pentium 4 3.00GHz	353	2596	NA	NA
Intel Pentium 4 3.06GHz	347	2600	NA	NA
Intel Pentium 4 3.20GHz	374	2570	NA	NA
Intel Pentium 4 3.40GHz	396	2546	NA	NA
Intel Pentium 4 3.46GHz	487	2441	NA	NA
Intel Pentium 4 3.60GHz	487	2443	NA	NA
Intel Pentium 4 3.73GHz	486	2445	NA	NA
Intel Pentium 4 3.80GHz	485	2447	NA	NA
Intel Pentium 4 3.83GHz	195	2782	NA	NA
Intel Pentium 4 4.00GHz	184	2792	NA	NA
Intel Pentium 4 1300MHz	119	2828	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1400MHz	127	2825	NA	NA
Intel Pentium 4 1500MHz	125	2826	NA	NA
Intel Pentium 4 1600MHz	193	2786	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2812	NA	NA
Intel Pentium 4 1800MHz	162	2807	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2815	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2781	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2798	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2770	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2801	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2768	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2777	NA	NA
Intel Pentium 5 2.66GHz	705	2322	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2107	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1161	2072	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2080	NA	NA
Intel Pentium 987 @ 1.50GHz	1232	2031	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	1935	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1360	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1264	NA	NA
Intel Pentium 2020M @ 2.40GHz	2275	1527	16.98	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2406	1475	17.96	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1655	1819	12.36	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1820	1732	13.58	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2129	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2275	1528	NA	NA
Intel Pentium 3556U @ 1.70GHz	1698	1791	NA	NA
Intel Pentium 3558U @ 1.70GHz	1681	1798	NA	NA
Intel Pentium 3560M @ 2.40GHz	2270	1534	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 3560Y @ 1.20GHz	1266	2010	NA	NA
Intel Pentium 3805U @ 1.90GHz	1981	1648	NA	NA
Intel Pentium 3825U @ 1.90GHz	2530	1429	NA	NA
Intel Pentium 4405U @ 2.10GHz	2928	1297	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1616	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2047	1622	12.72	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3145	1228	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2225	1552	13.82	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3246	1190	20.17	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1844	NA	NA
Intel Pentium B940 @ 2.00GHz	1728	1768	57.73	\$29.94*
Intel Pentium B950 @ 2.10GHz	1715	1776	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1712	37.82	\$48.99*
Intel Pentium B970 @ 2.30GHz	1959	1659	38.44	\$50.99*
Intel Pentium B980 @ 2.40GHz	2029	1628	29.02	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1046	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	532	2409	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2353	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2382	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2318	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium D 950 @ 3.40GHz	743	2305	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2276	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2243	5.50	\$157.95*
Intel Pentium E2160 @ 1.80GHz	998	2163	28.53	\$35.00
Intel Pentium E2180 @ 2.00GHz	1088	2111	54.44	\$19.99*
Intel Pentium E2200 @ 2.20GHz	1204	2045	16.05	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2061	NA	NA
Intel Pentium E2220 @ 2.40GHz	1328	1970	8.41	\$157.95*
Intel Pentium E5200 @ 2.50GHz	1487	1898	16.53	\$89.95*
Intel Pentium E5300 @ 2.60GHz	1539	1871	66.97	\$22.99
Intel Pentium E5400 @ 2.70GHz	1598	1848	79.98	\$19.99*
Intel Pentium E5500 @ 2.80GHz	1641	1825	82.28	\$19.95*
Intel Pentium E5700 @ 3.00GHz	1737	1765	115.94	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1892	1695	63.09	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1707	1784	165.75	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1764	1749	11.17	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1863	1709	18.64	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1934	1671	113.87	\$16.99*
Intel Pentium E6800 @ 3.33GHz	1984	1647	22.30	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2228	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2184	NA	NA
Intel Pentium G620 @ 2.60GHz	2293	1516	38.23	\$59.99
Intel Pentium G620T @ 2.20GHz	2028	1629	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2372	1489	23.73	\$100.00*
Intel Pentium G630T @ 2.30GHz	2089	1604	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2524	1430	16.83	\$150.00
Intel Pentium G640T @ 2.40GHz	1979	1649	NA	NA
Intel Pentium G645 @ 2.90GHz	2589	1408	16.18	\$160.00
Intel Pentium G645T @ 2.50GHz	2288	1518	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G840 @ 2.80GHz	2561	1420	73.21	\$34.99*
Intel Pentium G850 @ 2.90GHz	2665	1383	13.46	\$197.99
Intel Pentium G860 @ 3.00GHz	2742	1361	33.04	\$82.99
Intel Pentium G870 @ 3.10GHz	2814	1336	29.01	\$97.00
Intel Pentium G2010 @ 2.80GHz	2600	1403	74.53	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2756	1357	45.98	\$59.95
Intel Pentium G2020T @ 2.50GHz	2435	1464	51.18	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2868	1319	71.74	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2487	1447	38.86	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1354	NA	NA
Intel Pentium G2120 @ 3.10GHz	3082	1244	19.32	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3205	1202	64.12	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3384	1154	67.71	\$49.99*
Intel Pentium G3220 @ 3.00GHz	3127	1231	27.44	\$114.00
Intel Pentium G3220T @ 2.60GHz	2573	1416	36.76	\$69.99*
Intel Pentium G3240 @ 3.10GHz	3157	1223	24.29	\$129.99
Intel Pentium G3240T @ 2.70GHz	2840	1323	NA	NA
Intel Pentium G3250 @ 3.20GHz	3253	1184	29.58	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2971	1281	33.02	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3876	1026	20.59	\$188.28

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3260 @ 3.30GHz	3358	1162	23.99	\$139.99
Intel Pentium G3260T @ 2.90GHz	2930	1294	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1481	NA	NA
Intel Pentium G3420 @ 3.20GHz	3398	1148	30.90	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1267	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1150	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3314	1171	20.72	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1239	NA	NA
Intel Pentium G3450 @ 3.40GHz	3700	1074	37.01	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1284	NA	NA
Intel Pentium G3460 @ 3.50GHz	3582	1100	12.43	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3704	1073	35.53	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3550	1108	29.13	\$121.91
Intel Pentium G4400T @ 2.90GHz	3183	1209	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1317	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3803	1049	28.14	\$135.13
Intel Pentium G4500T @ 3.00GHz	3471	1131	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	968	40.24	\$103.99*
Intel Pentium G4560 @ 3.50GHz	4867	834	57.29	\$84.96
Intel Pentium G4560T @ 2.90GHz	3983	1006	36.22	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5083	787	49.09	\$103.56
Intel Pentium G4600T @ 3.00GHz	4266	952	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5210	768	45.84	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1859	1710	46.49	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1582	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2057	1617	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5194	772	64.94	\$79.99
Intel Pentium Gold G5400T @ 3.10GHz	5048	799	78.89	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5224	767	40.19	\$129.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium Gold G5500T @ 3.20GHz	4342	938	57.89	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5667	704	52.11	\$108.75*
Intel Pentium III 933S @ 933MHz	238	2744	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2682	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2697	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2642	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2662	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2658	NA	NA
Intel Pentium III Mobile 750MHz	103	2831	NA	NA
Intel Pentium III Mobile 800MHz	182	2795	NA	NA
Intel Pentium III Mobile 866MHz	152	2813	NA	NA
Intel Pentium III Mobile 933MHz	218	2759	7.55	\$28.99
Intel Pentium III Mobile 1000MHz	245	2734	NA	NA
Intel Pentium III Mobile 1066MHz	246	2733	NA	NA
Intel Pentium III Mobile 1133MHz	251	2727	NA	NA
Intel Pentium III Mobile 1200MHz	240	2741	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1722	NA	NA
Intel Pentium J2900 @ 2.41GHz	1962	1658	NA	NA
Intel Pentium J3710 @ 1.60GHz	1918	1679	NA	NA
Intel Pentium J4205 @ 1.50GHz	2285	1522	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1.10GHz	282	2688	NA	NA
Intel Pentium M 1.20GHz	298	2660	NA	NA
Intel Pentium M 1.30GHz	301	2652	NA	NA
Intel Pentium M 1.40GHz	345	2604	NA	NA
Intel Pentium M 1.50GHz	366	2581	NA	NA
Intel Pentium M 1.60GHz	364	2586	NA	NA
Intel Pentium M 1.70GHz	406	2529	NA	NA
Intel Pentium M 1.73GHz	413	2519	NA	NA
Intel Pentium M 1.80GHz	411	2521	NA	NA
Intel Pentium M 1.86GHz	439	2496	NA	NA
Intel Pentium M 2.00GHz	461	2474	NA	NA
Intel Pentium M 2.10GHz	448	2484	NA	NA
Intel Pentium M 2.13GHz	504	2430	NA	NA
Intel Pentium M 2.26GHz	509	2427	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2452	NA	NA
Intel Pentium M 900MHz	217	2762	NA	NA
Intel Pentium M 1000MHz	233	2747	NA	NA
Intel Pentium M 1100MHz	259	2719	NA	NA
Intel Pentium M 1200MHz	237	2745	NA	NA
Intel Pentium M 1300MHz	303	2646	NA	NA
Intel Pentium M 1400MHz	320	2627	NA	NA
Intel Pentium M 1500MHz	354	2593	NA	NA
Intel Pentium M 1600MHz	334	2615	NA	NA
Intel Pentium M 1700MHz	377	2566	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1881	NA	NA
Intel Pentium N3520 @ 2.16GHz	1789	1741	NA	NA
Intel Pentium N3530 @ 2.16GHz	1895	1692	NA	NA
Intel Pentium N3540 @ 2.16GHz	1925	1674	7.68	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1831	1726	4.12	\$444.78*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium N3710 @ 1.60GHz	1865	1707	NA	NA
Intel Pentium N4200 @ 1.10GHz	2027	1630	9.08	\$223.22*
Intel Pentium P6000 @ 1.87GHz	1243	2025	NA	NA
Intel Pentium P6100 @ 2.00GHz	1325	1972	110.49	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1348	1961	30.00	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1944	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2908	1303	13.22	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2443	1461	15.18	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2530	NA	NA
Intel Pentium SU4100 @ 1.30GHz	855	2252	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2258	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2341	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2323	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2319	NA	NA
Intel Pentium T2310 @ 1.46GHz	733	2307	NA	NA
Intel Pentium T2330 @ 1.60GHz	830	2264	NA	NA
Intel Pentium T2370 @ 1.73GHz	843	2257	24.10	\$35.00*
Intel Pentium T2390 @ 1.86GHz	946	2204	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2178	NA	NA
Intel Pentium T3200 @ 2.00GHz	1031	2140	85.96	\$12.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T3400 @ 2.16GHz	1111	2094	12.36	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1150	2077	95.89	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1232	2030	NA	NA
Intel Pentium T4400 @ 2.20GHz	1284	2001	NA	NA
Intel Pentium T4500 @ 2.30GHz	1334	1968	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2271	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2199	NA	NA
Intel T1200 @ 1.50GHz	435	2502	NA	NA
Intel T1400 @ 1.73GHz	929	2215	NA	NA
Intel T1500 @ 1.86GHz	953	2198	NA	NA
Intel T2050 @ 2.00GHz	959	2193	NA	NA
Intel Xeon 2.00GHz	233	2746	NA	NA
Intel XEON 2.20GHz	252	2725	NA	NA
Intel Xeon 2.40GHz	276	2700	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2501	NA	NA
Intel Xeon 2.80GHz	400	2541	NA	NA
Intel Xeon 3.00GHz	391	2554	NA	NA
Intel Xeon 3.06GHz	491	2437	NA	NA
Intel Xeon 3.20GHz	461	2472	NA	NA
Intel Xeon 3.40GHz	478	2455	NA	NA
Intel Xeon 3.60GHz	509	2426	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2137	NA	NA
Intel Xeon 3.80GHz	604	2370	0.71	\$851.00*
Intel Xeon 1500MHz	193	2785	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	2000	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	1983	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1882	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1878	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1743	4.36	\$408.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3075 @ 2.66GHz	1840	1720	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1862	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2120	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	2022	0.77	\$1,619.99
Intel Xeon 5130 @ 2.00GHz	1369	1948	43.53	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1849	NA	NA
Intel Xeon 5140 @ 2.33GHz	1644	1821	35.00	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1854	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1755	1756	16.88	\$103.99*
Intel Xeon 5160 @ 3.00GHz	1963	1657	153.17	\$12.82*
Intel Xeon @ 2.20GHz	1902	1686	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5664	705	25.17	\$224.99
Intel Xeon Bronze 3106 @ 1.70GHz	6698	598	20.30	\$329.99
Intel Xeon D-1518 @ 2.20GHz	5322	759	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	693	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	568	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	448	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	325	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	496	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	258	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1541 @ 2.10GHz	11069	238	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	464	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	146	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	160	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	455	38.22	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	190	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	166	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18627	67	10.56	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6099	658	107.00	\$57.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6686	599	91.59	\$73.00
Intel Xeon E3-1220 v3 @ 3.10GHz	7123	556	48.14	\$148.00
Intel Xeon E3-1220 v5 @ 3.00GHz	7755	495	37.47	\$206.99
Intel Xeon E3-1220 v6 @ 3.00GHz	7859	482	36.56	\$214.99
Intel Xeon E3-1220L @ 2.20GHz	3563	1105	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	924	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1597	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5889	676	53.06	\$111.00
Intel Xeon E3-1225 V2 @ 3.20GHz	6897	577	87.31	\$79.00
Intel Xeon E3-1225 v3 @ 3.20GHz	7240	546	49.60	\$146.00
Intel Xeon E3-1225 v5 @ 3.30GHz	7819	487	29.17	\$268.04*
Intel Xeon E3-1225 v6 @ 3.30GHz	8139	456	34.64	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7562	512	13.43	\$563.00
Intel Xeon E3-1230 @ 3.20GHz	7848	485	75.47	\$104.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8859	402	61.53	\$144.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9335	355	49.13	\$190.03
Intel Xeon E3-1230 v5 @ 3.40GHz	9786	320	34.95	\$279.99*
Intel Xeon E3-1230 v6 @ 3.50GHz	9847	313	37.88	\$259.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	548	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9625	332	56.94	\$169.03
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1235 @ 3.20GHz	7680	503	31.48	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	617	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7962	475	60.32	\$132.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9138	370	39.91	\$229.00
Intel Xeon E3-1240 v3 @ 3.40GHz	9658	331	25.13	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10369	269	30.35	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10335	271	34.65	\$298.31
Intel Xeon E3-1240L v3 @ 2.00GHz	7513	516	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	492	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10016	294	24.78	\$404.25*
Intel Xeon E3-1245 @ 3.30GHz	7997	472	39.39	\$203.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9124	372	52.14	\$175.00
Intel Xeon E3-1245 v3 @ 3.40GHz	9562	336	30.95	\$309.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10182	281	29.49	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10553	259	34.04	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9857	312	24.10	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6534	612	76.32	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	277	13.62	\$750.34
Intel Xeon E3-1265L @ 2.40GHz	6038	665	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7403	531	24.27	\$305.00



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1265L v3 @ 2.50GHz	9199	367	12.96	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	379	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	484	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	414	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	445	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9473	344	33.57	\$282.22
Intel Xeon E3-1270 v3 @ 3.50GHz	9908	307	26.78	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10301	273	21.37	\$482.00*
Intel Xeon E3-1270 v6 @ 3.80GHz	11144	235	32.91	\$338.61
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	253	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10095	288	11.37	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8328	440	27.40	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9447	348	23.93	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	9910	306	24.71	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10366	270	18.75	\$553.00*
Intel Xeon E3-1275 v6 @ 3.80GHz	11145	234	30.29	\$367.99
Intel Xeon E3-1275L v3 @ 2.70GHz	8906	397	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10195	278	9.50	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8465	430	23.01	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9447	346	11.00	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9775	323	14.02	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	254	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	227	20.23	\$562.00*
Intel Xeon E3-1281 v3 @ 3.70GHz	10373	268	11.82	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	264	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	262	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	218	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	302	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	11048	240	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	308	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	341	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	412	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	329	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	629	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8948	394	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9821	315	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10093	289	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9326	356	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10618	257	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10449	265	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10625	256	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	249	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	285	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	540	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	525	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5568	715	21.21	\$262.59*
Intel Xeon E5-1603 v3 @ 2.80GHz	6177	646	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6432	619	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5882	678	267.51	\$21.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1607 v2 @ 3.00GHz	6211	643	19.85	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6961	569	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	544	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9045	381	27.42	\$329.93
Intel Xeon E5-1620 v2 @ 3.70GHz	9476	343	163.42	\$57.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9752	324	12.36	\$789.00
Intel Xeon E5-1620 v4 @ 3.50GHz	9918	304	30.52	\$324.99
Intel Xeon E5-1630 v3 @ 3.70GHz	10258	276	17.16	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10291	274	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11718	222	22.98	\$509.95
Intel Xeon E5-1650 v2 @ 3.50GHz	12729	194	105.41	\$120.76*
Intel Xeon E5-1650 v3 @ 3.50GHz	13624	174	60.55	\$225.00
Intel Xeon E5-1650 v4 @ 3.60GHz	14244	153	22.79	\$624.99
Intel Xeon E5-1660 @ 3.30GHz	12361	204	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13846	164	7.65	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14573	143	9.02	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16161	108	13.14	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16167	107	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16431	99	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	88	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	75	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1117	10.37	\$339.97*
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1143	18.09	\$189.00*
Intel Xeon E5-2407 @ 2.20GHz	4129	980	12.33	\$335.04*
Intel Xeon E5-2407 v2 @ 2.40GHz	4498	908	9.44	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	770	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	563	334.55	\$21.06
Intel Xeon E5-2420 v2 @ 2.20GHz	8632	421	42.52	\$203.00
Intel Xeon E5-2430 @ 2.20GHz	6878	579	27.04	\$254.38
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2430 v2 @ 2.50GHz	8991	387	89.91	\$100.00
Intel Xeon E5-2430L @ 2.00GHz	7269	543	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	606	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	368	183.72	\$49.96*
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	358	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	391	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	280	27.61	\$369.00*
Intel Xeon E5-2450L @ 1.80GHz	8261	443	103.28	\$79.99*
Intel Xeon E5-2470 @ 2.30GHz	10061	293	31.77	\$316.72*
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	191	68.14	\$188.38
Intel Xeon E5-2603 @ 1.80GHz	3580	1101	16.61	\$215.55*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1057	127.15	\$29.62*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	776	25.90	\$199.99
Intel Xeon E5-2603 v4 @ 1.70GHz	5451	733	23.70	\$229.99
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	483	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4616	881	70.86	\$65.15
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	778	36.78	\$139.99
Intel Xeon E5-2609 v3 @ 1.90GHz	5887	677	14.75	\$399.00*
Intel Xeon E5-2609 v4 @ 1.70GHz	6890	578	21.53	\$319.99
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	213	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	144	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7904	478	494.96	\$15.97
Intel Xeon E5-2620 v2 @ 2.10GHz	8685	416	219.05	\$39.65
Intel Xeon E5-2620 v3 @ 2.40GHz	10007	296	28.67	\$349.01
Intel Xeon E5-2620 v4 @ 2.10GHz	11359	228	27.11	\$418.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	389	22.20	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8444	432	15.38	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	351	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	206	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	185	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	242	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8860	401	92.99	\$95.28
Intel Xeon E5-2630 v2 @ 2.60GHz	10388	266	60.18	\$172.62
Intel Xeon E5-2630 v3 @ 2.40GHz	12804	192	41.44	\$309.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13912	163	22.26	\$625.00
Intel Xeon E5-2630L @ 2.00GHz	7865	479	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	376	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	326	12.94	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	189	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9447	347	36.17	\$261.17
Intel Xeon E5-2637 v3 @ 3.50GHz	10144	282	7.83	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	263	9.65	\$1,085.28*
Intel Xeon E5-2640 @ 2.50GHz	9407	350	85.82	\$109.62
Intel Xeon E5-2640 v2 @ 2.00GHz	10143	283	74.71	\$135.77
Intel Xeon E5-2640 v3 @ 2.60GHz	13915	162	11.71	\$1,188.74*
Intel Xeon E5-2640 v4 @ 2.40GHz	15364	128	15.35	\$1,000.86
Intel Xeon E5-2643 @ 3.30GHz	8436	433	3.79	\$2,226.00*
Intel Xeon E5-2643 v2 @ 3.50GHz	13030	186	89.54	\$145.52
Intel Xeon E5-2643 v3 @ 3.40GHz	13844	165	30.10	\$460.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2643 v4 @ 3.40GHz	13655	170	8.33	\$1,638.35
Intel Xeon E5-2648L @ 1.80GHz	7426	526	NA	NA
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	226	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	171	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	139	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10104	287	101.05	\$99.99
Intel Xeon E5-2650 v2 @ 2.60GHz	13235	182	165.47	\$79.99
Intel Xeon E5-2650 v3 @ 2.30GHz	14844	137	42.66	\$348.00
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	119	13.22	\$1,199.99
Intel Xeon E5-2650L @ 1.80GHz	8676	417	109.83	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9857	311	66.15	\$149.02*
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	178	9.66	\$1,399.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	158	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	230	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	342	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	156	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	104	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	91	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11067	239	107.34	\$103.11
Intel Xeon E5-2660 v2 @ 2.20GHz	13247	181	70.10	\$189.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	106	31.80	\$509.00
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	90	11.25	\$1,499.99
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	161	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11545	225	183.29	\$62.99
Intel Xeon E5-2667 @ 2.90GHz	10382	267	159.85	\$64.95*
Intel Xeon E5-2667 v2 @ 3.30GHz	16186	105	21.20	\$763.56*
Intel Xeon E5-2667 v3 @ 3.20GHz	16119	110	38.84	\$415.00
Intel Xeon E5-2667 v4 @ 3.20GHz	16641	93	7.27	\$2,287.99*
Intel Xeon E5-2670 @ 2.60GHz	12117	214	136.95	\$88.48
Intel Xeon E5-2670 v2 @ 2.50GHz	14995	135	94.31	\$159.00
Intel Xeon E5-2670 v3 @ 2.30GHz	16494	95	21.36	\$772.32
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	102	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16432	98	23.48	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	40	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15073	132	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	81	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17174	87	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	16	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12583	201	71.91	\$175.00
Intel Xeon E5-2680 v2 @ 2.80GHz	15892	117	67.63	\$234.99
Intel Xeon E5-2680 v3 @ 2.50GHz	18592	69	26.21	\$709.34*
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	51	10.65	\$1,866.95*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	46	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17379	83	8.76	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	65	9.62	\$1,979.99
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	134	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	63	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	54	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14364	150	34.61	\$415.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2687W v2 @ 3.40GHz	16477	97	32.18	\$512.00
Intel Xeon E5-2687W v3 @ 3.10GHz	17730	80	5.89	\$3,008.95*
Intel Xeon E5-2687W v4 @ 3.00GHz	19855	52	9.04	\$2,196.99
Intel Xeon E5-2689 @ 2.60GHz	13464	180	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	55	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13597	175	80.46	\$169.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16478	96	40.29	\$409.00
Intel Xeon E5-2690 v3 @ 2.60GHz	19214	64	12.76	\$1,505.95
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	42	9.83	\$2,169.99
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	111	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15653	123	8.79	\$1,779.95*
Intel Xeon E5-2695 v3 @ 2.30GHz	19673	58	9.79	\$2,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	47	8.24	\$2,457.57
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	94	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	27	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	43	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17274	85	37.55	\$460.00
Intel Xeon E5-2697 v3 @ 2.60GHz	21368	41	35.03	\$609.99
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	39	7.75	\$2,775.99
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	28	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2698 v3 @ 2.30GHz	21133	44	6.17	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	36	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	29	4.97	\$4,505.95*
Intel Xeon E5-2699 v4 @ 2.20GHz	23200	25	5.23	\$4,433.43
Intel Xeon E5-4603 @ 2.00GHz	5014	809	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	364	NA	NA
Intel Xeon E5-4617 @ 2.90GHz	9029	384	100.44	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	458	58.06	\$139.99
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	145	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	124	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	261	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	195	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	237	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11860	220	124.21	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	221	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	207	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	116	5.30	\$3,000.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	120	3.30	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	173	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1234	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2167	1570	94.26	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1467	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1545	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1932	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1468	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1535	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1519	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1437	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2923	1299	73.12	\$39.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5405 @ 2.00GHz	2839	1324	48.12	\$59.00*
Intel Xeon E5410 @ 2.33GHz	3251	1187	55.11	\$59.00*
Intel Xeon E5420 @ 2.50GHz	3497	1122	13.45	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3769	1055	54.63	\$69.00*
Intel Xeon E5440 @ 2.83GHz	3970	1010	209.54	\$18.95*
Intel Xeon E5450 @ 3.00GHz	4192	966	77.63	\$54.00*
Intel Xeon E5462 @ 2.80GHz	3870	1029	141.78	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4086	985	136.05	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	1945	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1934	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2687	1377	38.42	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2975	1278	196.17	\$15.17*
Intel Xeon E5507 @ 2.27GHz	3136	1229	6.86	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4435	918	201.71	\$21.99*
Intel Xeon E5530 @ 2.40GHz	4564	891	217.44	\$20.99*
Intel Xeon E5540 @ 2.53GHz	4807	846	81.49	\$59.00
Intel Xeon E5603 @ 1.60GHz	2366	1493	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1255	13.95	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3380	1156	15.44	\$219.00*
Intel Xeon E5620 @ 2.40GHz	4805	847	72.15	\$66.60

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5630 @ 2.53GHz	5088	785	28.27	\$179.95*
Intel Xeon E5640 @ 2.67GHz	5256	763	88.36	\$59.49*
Intel Xeon E5645 @ 2.40GHz	6424	622	80.32	\$79.99*
Intel Xeon E5649 @ 2.53GHz	6936	572	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1470	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	486	40.54	\$193.00*
Intel Xeon E-2124G @ 3.40GHz	9879	309	38.85	\$254.32
Intel Xeon E-2126G @ 3.30GHz	14051	159	46.84	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10310	272	38.19	\$269.99*
Intel Xeon E-2136 @ 3.30GHz	15871	118	49.60	\$319.99
Intel Xeon E-2144G @ 3.60GHz	11214	231	36.99	\$303.18
Intel Xeon E-2146G @ 3.50GHz	15935	114	44.89	\$354.99*
Intel Xeon E-2174G @ 3.80GHz	12254	210	31.42	\$389.99*
Intel Xeon E-2176G @ 3.70GHz	15489	125	42.79	\$362.00*
Intel Xeon E-2176M @ 2.70GHz	13756	169	30.57	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	15665	122	29.84	\$524.99*
Intel Xeon E-2186M @ 2.90GHz	14607	142	23.45	\$623.00*
Intel Xeon Gold 5118 @ 2.30GHz	16389	100	11.95	\$1,370.98*
Intel Xeon Gold 5120 @ 2.20GHz	16308	103	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	76	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	11154	233	8.78	\$1,269.99
Intel Xeon Gold 6126 @ 2.60GHz	19711	57	12.31	\$1,601.77
Intel Xeon Gold 6128 @ 3.40GHz	14864	136	8.09	\$1,837.99
Intel Xeon Gold 6130 @ 2.10GHz	19277	62	9.89	\$1,949.99
Intel Xeon Gold 6132 @ 2.60GHz	23907	21	10.65	\$2,244.49
Intel Xeon Gold 6134 @ 3.20GHz	18083	77	7.94	\$2,279.00
Intel Xeon Gold 6136 @ 3.00GHz	21079	45	8.07	\$2,612.99*
Intel Xeon Gold 6138 @ 2.00GHz	25416	15	9.48	\$2,679.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	20	9.82	\$2,439.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 6144 @ 3.50GHz	19654	59	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	17	6.31	\$3,982.51
Intel Xeon Gold 6148 @ 2.40GHz	26660	9	9.08	\$2,935.00*
Intel Xeon Gold 6152 @ 2.10GHz	23498	23	6.18	\$3,799.99
Intel Xeon Gold 6154 @ 3.00GHz	27722	7	7.22	\$3,839.78*
Intel Xeon L3110 @ 3.00GHz	2273	1532	NA	NA
Intel Xeon L3360 @ 2.83GHz	3864	1031	43.31	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1966	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	1036	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1730	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1533	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1529	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1581	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1358	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3037	1261	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1159	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3504	1120	127.45	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3723	1069	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1070	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	930	339.56	\$12.92*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5530 @ 2.40GHz	4351	935	225.95	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4369	932	67.22	\$65.00*
Intel Xeon L5638 @ 2.00GHz	5556	716	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	580	NA	NA
Intel Xeon L5640 @ 2.27GHz	6344	633	211.71	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1037	NA	NA
Intel Xeon MV 3.20GHz	683	2334	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26652	10	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	28683	4	4.87	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	3	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	5	NA	NA
Intel Xeon Silver 4108 @ 1.80GHz	10664	255	23.70	\$449.99
Intel Xeon Silver 4109T @ 2.00GHz	10946	245	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11703	223	22.70	\$515.46
Intel Xeon Silver 4112 @ 2.60GHz	8611	423	16.76	\$513.83
Intel Xeon Silver 4114 @ 2.20GHz	14301	152	18.62	\$767.99
Intel Xeon Silver 4116 @ 2.10GHz	15417	126	16.19	\$952.10
Intel Xeon Silver 4123 @ 3.00GHz	15185	130	NA	NA
Intel Xeon W3503 @ 2.40GHz	1755	1755	108.25	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1847	1715	NA	NA
Intel Xeon W3520 @ 2.67GHz	5057	796	175.91	\$28.75*
Intel Xeon W3530 @ 2.80GHz	5359	747	18.23	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	726	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5694	699	94.99	\$59.95*
Intel Xeon W3565 @ 3.20GHz	5939	670	84.91	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6062	663	12.63	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6366	632	29.68	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8121	460	16.24	\$499.99*
Intel Xeon W3680 @ 3.33GHz	9026	385	11.88	\$759.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W3690 @ 3.47GHz	9135	371	76.13	\$120.00
Intel Xeon W5580 @ 3.20GHz	5836	685	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	645	99.74	\$62.00
Intel Xeon W-2102 @ 2.90GHz	6929	574	19.80	\$349.99*
Intel Xeon W-2104 @ 3.20GHz	7439	524	29.17	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10719	252	32.07	\$334.26
Intel Xeon W-2125 @ 4.00GHz	12362	203	24.57	\$503.10*
Intel Xeon W-2133 @ 3.60GHz	14159	155	22.95	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16345	101	17.92	\$912.05
Intel Xeon W-2140B @ 3.20GHz	18610	68	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19717	56	16.52	\$1,193.20
Intel Xeon W-2150B @ 3.00GHz	21543	37	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21921	32	14.32	\$1,530.39*
Intel Xeon W-2175 @ 2.50GHz	24751	19	12.71	\$1,947.00*
Intel Xeon W-2195 @ 2.30GHz	24983	18	8.94	\$2,794.91*
Intel Xeon X3210 @ 2.13GHz	2739	1362	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1243	14.71	\$209.95*
Intel Xeon X3230 @ 2.66GHz	3398	1147	9.44	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3309	1175	14.42	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3167	1215	163.59	\$19.36*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3330 @ 2.66GHz	3379	1157	16.09	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1042	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1033	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3942	1018	24.96	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3988	1004	117.00	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	950	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	868	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3355	1163	159.42	\$21.05*
Intel Xeon X3440 @ 2.53GHz	4536	901	20.16	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4775	853	59.73	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5014	808	14.05	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5122	781	40.68	\$125.92
Intel Xeon X3480 @ 3.07GHz	5657	706	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1456	17.63	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2553	1423	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1480	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3181	1210	77.61	\$41.00*
Intel Xeon X5365 @ 3.00GHz	3491	1123	35.09	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4116	983	68.66	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4330	941	43.40	\$99.78*
Intel Xeon X5470 @ 3.33GHz	4593	888	24.30	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4014	996	17.84	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4529	902	41.19	\$109.95
Intel Xeon X5492 @ 3.40GHz	4865	836	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5387	743	311.96	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5399	740	111.65	\$48.36
Intel Xeon X5570 @ 2.93GHz	5679	701	63.81	\$89.00*
Intel Xeon X5647 @ 2.93GHz	5920	674	29.64	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7396	532	351.22	\$21.06
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5660 @ 2.80GHz	7580	511	89.19	\$84.99
Intel Xeon X5667 @ 3.07GHz	6291	636	79.63	\$79.00*
Intel Xeon X5670 @ 2.93GHz	7862	481	196.57	\$40.00
Intel Xeon X5672 @ 3.20GHz	6419	623	22.63	\$283.72*
Intel Xeon X5675 @ 3.07GHz	8184	453	102.31	\$79.99*
Intel Xeon X5677 @ 3.47GHz	6951	571	66.20	\$105.00*
Intel Xeon X5679 @ 3.20GHz	8845	403	NA	NA
Intel Xeon X5680 @ 3.33GHz	8469	429	112.92	\$75.00
Intel Xeon X5687 @ 3.60GHz	7076	560	141.67	\$49.95
Intel Xeon X5690 @ 3.47GHz	8889	399	53.88	\$165.00
Intel Xeon X5698 @ 4.40GHz	4272	951	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1277	NA	NA
Mobile AMD Athlon 4	314	2636	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2590	NA	NA
Mobile AMD Athlon 64 2700+	398	2542	NA	NA
Mobile AMD Athlon 64 2800+	440	2493	NA	NA
Mobile AMD Athlon 64 3000+	450	2481	NA	NA
Mobile AMD Athlon 64 3200+	448	2485	NA	NA
Mobile AMD Athlon 64 3400+	511	2424	NA	NA
Mobile AMD Athlon 64 3700+	435	2503	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon 64 4000+	576	2385	NA	NA
Mobile AMD Athlon 1400+	266	2711	NA	NA
Mobile AMD Athlon 2500+	370	2575	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2712	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2564	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2666	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2435	NA	NA
Mobile AMD Athlon XP	572	2389	45.81	\$12.49*
Mobile AMD Athlon XP-M	512	2423	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2793	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2715	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2717	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2623	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2661	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2608	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2654	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2585	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2603	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2601	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2574	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2583	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2582	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2494	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2442	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2428	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2673	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2664	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2614	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2572	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M (LV) 2800+	475	2458	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2429	NA	NA
Mobile AMD Sempron 2100+	252	2726	NA	NA
Mobile AMD Sempron 2600+	394	2549	NA	NA
Mobile AMD Sempron 2800+	361	2588	NA	NA
Mobile AMD Sempron 3000+	389	2558	NA	NA
Mobile AMD Sempron 3100+	416	2516	NA	NA
Mobile AMD Sempron 3200+	354	2594	NA	NA
Mobile AMD Sempron 3300+	445	2487	NA	NA
Mobile AMD Sempron 3400+	441	2492	NA	NA
Mobile AMD Sempron 3500+	408	2526	NA	NA
Mobile AMD Sempron 3600+	427	2511	NA	NA
Mobile AMD Sempron 3800+	485	2448	NA	NA
Mobile Intel Celeron 1.20GHz	170	2804	NA	NA
Mobile Intel Celeron 1.50GHz	188	2788	NA	NA
Mobile Intel Celeron 1.60GHz	188	2789	NA	NA
Mobile Intel Celeron 1.70GHz	181	2797	NA	NA
Mobile Intel Celeron 1.80GHz	186	2791	NA	NA
Mobile Intel Celeron 2.00GHz	204	2773	NA	NA
Mobile Intel Celeron 2.20GHz	226	2753	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 2.40GHz	239	2742	NA	NA
Mobile Intel Celeron 2.50GHz	281	2691	NA	NA
Mobile Intel Celeron 1200MHz	294	2667	NA	NA
Mobile Intel Celeron 1333MHz	280	2694	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2699	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2714	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2696	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2634	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2611	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2591	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2495	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2456	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2783	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2803	0.83	\$209.99
Mobile Intel Pentium 4 - M 1.80GHz	175	2800	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2748	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2778	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2780	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2764	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2721	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2638	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2767	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2779	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2730	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2671	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2754	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2672	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1442	NA	NA
Quad-Core AMD Opteron 1385	3442	1140	63.75	\$54.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Quad-Core AMD Opteron 1389	3446	1137	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1298	NA	NA
VIA C3 Ezra	100	2832	NA	NA
VIA C7 1500MHz	284	2683	NA	NA
VIA C7-D 1500MHz	287	2679	NA	NA
VIA C7-D 1800MHz	203	2775	NA	NA
VIA C7-D 2000MHz	368	2578	NA	NA
VIA C7-M 1000MHz	164	2806	NA	NA
VIA C7-M 1200MHz	140	2819	NA	NA
VIA C7-M 1600MHz	178	2799	NA	NA
VIA C7-M 6300MHz	222	2756	NA	NA
VIA Eden 800MHz	155	2810	NA	NA
VIA Eden 1000MHz	123	2827	NA	NA
VIA Eden 1200MHz	142	2818	NA	NA
VIA Eden C1050@1.06GHz	352	2597	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2454	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	2081	NA	NA
VIA Esther 1000MHz	146	2817	NA	NA
VIA Esther 1300MHz	250	2728	NA	NA
VIA Esther 1500MHz	219	2758	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Esther 2000MHz	394	2548	NA	NA
VIA Nano L1900@1400MHz	457	2476	NA	NA
VIA Nano L2007@1600MHz	369	2576	NA	NA
VIA Nano L2100@1800MHz	428	2509	NA	NA
VIA Nano L2207@1600MHz	296	2663	NA	NA
VIA Nano L3025@1600MHz	517	2420	NA	NA
VIA Nano L3050@1800MHz	581	2383	NA	NA
VIA Nano L3600@2000MHz	645	2349	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2565	NA	NA
VIA Nano U2250@1300+MHz	274	2703	NA	NA
VIA Nano U2500@1200MHz	306	2645	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2432	NA	NA
VIA Nano U3300@1200MHz	409	2523	NA	NA
VIA Nano U3500@1000MHz	275	2701	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2368	NA	NA
VIA Nehemiah	155	2811	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1689	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1950	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2062	NA	NA
VIA Samuel 2	79	2834	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	289	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	121	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	392	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	398	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	444	NA	NA
[Dual CPU] AMD EPYC 7281	12720	175	9.18	\$1,385.98
[Dual CPU] AMD EPYC 7371	23933	62	NA	NA
[Dual CPU] AMD EPYC 7401	23518	64	6.15	\$3,821.64
[Dual CPU] AMD EPYC 7451	28957	32	5.77	\$5,022.16
[Dual CPU] AMD EPYC 7501	29003	31	4.14	\$6,997.44
[Dual CPU] AMD EPYC 7551	30966	21	4.35	\$7,119.12
[Dual CPU] AMD EPYC 7601	33545	14	3.89	\$8,625.02
[Dual CPU] AMD Opteron 246	1130	433	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	434	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	430	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	431	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	439	NA	NA
[Dual CPU] AMD Opteron 256	1853	427	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	425	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	421	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	424	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	416	1.54	\$1,593.34*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 285	2772	406	NA	NA
[Dual CPU] AMD Opteron 290	2716	408	10.06	\$270.00*
[Dual CPU] AMD Opteron 885	2851	402	NA	NA
[Dual CPU] AMD Opteron 2212	2203	422	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	417	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	414	NA	NA
[Dual CPU] AMD Opteron 2216	2485	413	54.50	\$45.60
[Dual CPU] AMD Opteron 2216 HE	2593	410	NA	NA
[Dual CPU] AMD Opteron 2218	2719	407	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	411	NA	NA
[Dual CPU] AMD Opteron 2220	2854	401	0.97	\$2,950.32*
[Dual CPU] AMD Opteron 2220 SE	2882	400	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	396	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	390	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	380	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	387	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	381	7.55	\$539.98*
[Dual CPU] AMD Opteron 2354	4554	369	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	372	12.22	\$363.30*
[Dual CPU] AMD Opteron 2360 SE	5315	351	98.43	\$54.00
[Dual CPU] AMD Opteron 2373 EE	4164	378	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	365	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	352	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	350	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	338	63.93	\$90.00
[Dual CPU] AMD Opteron 2384	5914	334	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	324	NA	NA
[Dual CPU] AMD Opteron 2389	5677	339	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	354	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	325	NA	NA
[Dual CPU] AMD Opteron 2427	5907	335	29.83	\$198.00
[Dual CPU] AMD Opteron 2431	6438	318	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7060	304	18.68	\$378.00
[Dual CPU] AMD Opteron 2439 SE	8071	274	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	382	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	341	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	321	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	319	33.18	\$191.88
[Dual CPU] AMD Opteron 4184	7848	280	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	273	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	277	NA	NA
[Dual CPU] AMD Opteron 4234	9361	243	20.35	\$459.98*
[Dual CPU] AMD Opteron 4276 HE	9681	236	NA	NA
[Dual CPU] AMD Opteron 4280	4525	370	45.25	\$100.00
[Dual CPU] AMD Opteron 4284	9151	244	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9456	242	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	215	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	223	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	201	40.57	\$279.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6128	6881	309	172.11	\$39.98
[Dual CPU] AMD Opteron 6128 HE	5582	344	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	258	NA	NA
[Dual CPU] AMD Opteron 6134	7586	291	86.22	\$87.98
[Dual CPU] AMD Opteron 6136	7255	298	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	357	NA	NA
[Dual CPU] AMD Opteron 6168	7741	286	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7621	290	27.41	\$278.00
[Dual CPU] AMD Opteron 6174	8056	276	40.69	\$198.00
[Dual CPU] AMD Opteron 6176 SE	8448	263	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	393	NA	NA
[Dual CPU] AMD Opteron 6204	7134	301	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8955	249	149.30	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	210	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	226	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	217	86.26	\$119.98*
[Dual CPU] AMD Opteron 6272	10008	231	7.59	\$1,317.78
[Dual CPU] AMD Opteron 6274	10536	213	114.55	\$91.98
[Dual CPU] AMD Opteron 6275	10900	209	NA	NA
[Dual CPU] AMD Opteron 6276	10194	225	30.16	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	189	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	265	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10716	211	20.69	\$518.02
[Dual CPU] AMD Opteron 6328	11842	192	16.49	\$718.00
[Dual CPU] AMD Opteron 6344	11203	204	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	198	28.53	\$399.98*
[Dual CPU] AMD Opteron 6376	10405	216	80.04	\$130.00
[Dual CPU] AMD Opteron 6378	2905	399	3.64	\$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	158	73.20	\$193.98
[Dual CPU] AMD Opteron 6386 SE	12195	185	40.65	\$299.98*
[Dual CPU] AMD Opteron 8218	2831	403	67.40	\$42.00
[Dual CPU] AMD Opteron 8220	2510	412	50.22	\$49.98
[Dual CPU] AMD Opteron 8222 SE	2793	405	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	391	73.25	\$44.00
[Dual CPU] AMD Opteron 8380	5643	342	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	353	NA	NA
[Dual CPU] AMD Opteron 8389	6517	315	41.25	\$158.00
[Dual CPU] AMD Opteron 8431	5813	336	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	312	46.80	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	288	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	432	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	419	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	386	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	279	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	453	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	451	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	447	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	449	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel XEON 1.80GHz	362	454	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	455	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	452	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	450	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	445	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	441	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	775	440	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	443	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	438	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	437	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	436	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	426	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	435	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2152	423	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	418	0.71	\$3,239.98
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2617	409	41.59	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	394	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2978	397	31.69	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	395	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3426	388	16.47	\$207.98*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3829	384	149.34	\$25.64*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8809	254	19.58	\$449.98
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11024	207	16.70	\$659.98
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	327	9.12	\$679.94*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	323	16.68	\$378.00*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	297	10.90	\$670.08*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	247	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11387	200	270.35	\$42.12
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11738	194	28.91	\$406.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	267	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	164	26.80	\$508.76
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	161	68.82	\$200.00
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	199	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	180	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	174	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15063	148	20.41	\$738.00*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	132	20.24	\$818.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	195	73.23	\$159.98*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	131	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	115	49.29	\$376.76
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	322	14.71	\$431.10*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	314	110.06	\$59.24*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8385	264	20.96	\$399.98
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8910	253	19.37	\$459.98
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8220	270	63.09	\$130.30
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8969	248	32.03	\$279.98
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	230	12.57	\$798.00*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	208	17.18	\$639.98
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12338	181	386.29	\$31.94

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13382	171	168.75	\$79.30
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15206	146	21.78	\$698.02
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16458	133	19.64	\$837.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14238	156	17.58	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	178	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	152	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13595	169	71.34	\$190.56
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15995	138	46.33	\$345.24
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18503	116	29.94	\$618.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18711	114	14.97	\$1,250.00
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	205	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	162	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	147	10.10	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	295	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15900	141	30.44	\$522.34
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16408	134	6.33	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16656	129	7.67	\$2,170.56*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14657	151	66.85	\$219.24
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14464	154	53.27	\$271.54
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19904	104	8.37	\$2,377.48*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20786	96	10.38	\$2,001.72
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13666	163	3.07	\$4,452.00*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20992	91	72.13	\$291.04
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21063	90	22.89	\$920.00
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	84	6.57	\$3,276.70
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	184	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	14156	159	4.79	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	119	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	14948	149	74.75	\$199.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19036	111	118.99	\$159.98
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20302	100	29.17	\$696.00
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20600	98	8.58	\$2,399.98
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	155	91.04	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14506	153	48.67	\$298.04*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	92	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13634	165	4.66	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	112	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	108	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16327	135	79.17	\$206.22
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17798	120	47.08	\$378.00
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22577	76	22.18	\$1,018.00
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23128	73	7.71	\$2,999.98
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	72	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17131	125	135.98	\$125.98
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	54	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16940	126	130.41	\$129.90*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22455	78	14.70	\$1,527.12*
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22746	75	27.40	\$830.00
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23624	63	5.16	\$4,575.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18172	118	102.69	\$176.96
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20797	95	65.40	\$318.00
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	80	14.48	\$1,544.64
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	67	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	71	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	26	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	102	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	85	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	25	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18208	117	52.02	\$350.00
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21388	86	45.51	\$469.98
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24485	58	17.26	\$1,418.68*
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	68	6.26	\$3,733.90*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	127	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21159	89	5.33	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	53	6.31	\$3,959.98
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	81	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	43	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	34	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20905	93	25.19	\$830.00*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23300	70	22.75	\$1,024.00
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24146	60	4.01	\$6,017.90*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	44	6.07	\$4,393.98
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	103	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	48	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19542	106	57.82	\$338.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23498	65	28.73	\$818.00
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25645	50	8.51	\$3,011.90
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27291	42	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	94	5.86	\$3,559.90*
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	55	6.18	\$4,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	51	5.21	\$4,915.14
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23483	66	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	24	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31807	19	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23339	69	25.37	\$920.00
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27909	38	22.88	\$1,219.98
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30631	23	5.52	\$5,551.98
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	36	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29637	28	4.33	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	17	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	61	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26333	45	2.92	\$9,011.90*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	12	3.84	\$8,866.86
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	97	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	107	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	142	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	110	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	105	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18712	113	97.98	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	150	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	212	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	77	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	41	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	186	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	144	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	79	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	188	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	16047	136	42.45	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	229	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	420	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	383	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3566	385	36.39	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4167	377	53.77	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	360	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4563	368	128.39	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5122	356	64.04	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5157	355	43.70	\$118.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6010	331	50.93	\$118.00*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6354	320	12.22	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6849	311	49.63	\$138.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7159	300	188.89	\$37.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7513	292	69.56	\$108.00*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7104	302	130.11	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7836	282	130.43	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	415	12.93	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	404	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4890	364	34.95	\$139.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5006	359	165.00	\$30.34*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	347	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7425	294	168.83	\$43.98*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	287	183.52	\$41.98*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	281	66.51	\$118.00
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	379	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5530	345	12.63	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5969	333	13.63	\$438.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8061	275	60.52	\$133.20
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8294	268	23.05	\$359.90*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8714	256	73.24	\$118.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10314	220	64.47	\$159.98*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10327	219	44.90	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	346	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	349	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	83	8.41	\$2,618.10
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	59	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	88	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22049	82	8.04	\$2,741.96*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	26277	46	8.42	\$3,122.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17499	122	6.89	\$2,539.98
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27819	39	8.68	\$3,203.54
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22869	74	6.22	\$3,675.98
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	24660	57	6.32	\$3,899.98
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	40	6.13	\$4,488.98
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25308	52	5.55	\$4,558.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29652	27	5.67	\$5,225.98*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	37	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	33989	13	6.34	\$5,359.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	33297	16	6.82	\$4,879.98
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	33	4.70	\$6,139.98
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28473	35	4.87	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29158	30	3.66	\$7,965.02
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36802	6	6.27	\$5,870.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	20	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33530	15	4.41	\$7,599.98
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36932	5	4.81	\$7,679.56*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	371	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	375	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	362	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	343	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	328	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	317	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	330	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	361	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	308	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	307	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	278	206.10	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	306	53.89	\$130.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	250	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	238	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9666	237	161.26	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	446	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	448	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	442	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	428	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	7	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	35823	9	2.32	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	29	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39104	3	3.32	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	10	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	8	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	4	1.86	\$20,030.00*


CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	139	17.75	\$899.98
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16653	130	16.15	\$1,030.92
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	168	13.25	\$1,027.66
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19237	109	12.52	\$1,535.98
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	20362	99	10.69	\$1,904.20
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10079	227	47.08	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	218	83.45	\$124.00
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	222	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	366	17.08	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	367	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	363	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5764	337	70.29	\$82.00*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6209	326	31.20	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7448	293	62.11	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7834	283	39.26	\$199.56*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	272	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	284	17.28	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8197	271	37.28	\$219.90
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8682	257	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8934	252	258.66	\$34.54*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	245	93.92	\$96.72
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9533	241	53.56	\$178.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	233	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11302	203	268.33	\$42.12
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11629	196	68.41	\$169.98
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10313	221	65.27	\$158.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12276	183	153.45	\$80.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	228	17.76	\$567.44*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12535	177	78.35	\$159.98*
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11305	202	53.83	\$210.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	167	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13579	170	90.53	\$150.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11954	190	119.66	\$99.90
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13767	160	41.72	\$330.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	262	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	313	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	255	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	232	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11794	193	268.05	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	376	59.59	\$70.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	358	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	374	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	373	199.09	\$21.98*
[Dual CPU] Quad-Core AMD Opteron 8378	5382	348	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	310	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	340	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	332	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	266	NA	NA
[Quad CPU] AMD Opteron 6136	9767	234	22.20	\$440.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 6174	8594	260	21.70	\$396.00
[Quad CPU] AMD Opteron 6272	12292	182	4.66	\$2,635.56
[Quad CPU] AMD Opteron 6274	10488	214	57.01	\$183.96
[Quad CPU] AMD Opteron 6276	15342	145	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	187	9.75	\$1,236.00
[Quad CPU] AMD Opteron 6282 SE	11044	206	21.24	\$519.96*
[Quad CPU] AMD Opteron 6376	13257	172	50.99	\$260.00
[Quad CPU] AMD Opteron 6380	12442	179	32.07	\$387.96
[Quad CPU] AMD Opteron 8360 SE	6490	316	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	329	NA	NA
[Quad CPU] AMD Opteron 8382	8553	261	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	296	NA	NA
[Quad CPU] AMD Opteron 8431	8252	269	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	303	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	251	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	429	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	389	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	128	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	140	28.44	\$559.96
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	166	20.04	\$680.00*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	56	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	87	55.95	\$381.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	47	1.81	\$14,464.00*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	22	1.63	\$18,908.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	101	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	137	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	18	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	124	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	123	131.38	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14223	157	18.81	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	176	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	143	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	305	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	285	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	224	28.32	\$359.96*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	239	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	246	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	49	5.15	\$5,079.96
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	11	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	2	2.68	\$15,199.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	235	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	1	1.10	\$40,060.00*
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	240	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	11953	191	4.22	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	259	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	197	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	13145	173	149.38	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	299	163.10	\$43.96*

\* - Last price seen from our affiliates.

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