

[CPU Benchmarks](#)
[Video Card Benchmarks](#)
[Hard Drive Benchmarks](#)
[RAM](#)
[PC Systems](#)
[Android](#)
[iOS / iPhone](#)

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

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.

CPUS

High End

High Mid Range

Low Mid Range

Low End

Best Value (On Market)

Best Value XY Scatter

Best Value (All time)

New Desktop

New Laptop

Single Thread

Systems with Multiple CPUs

Overlocked

Power Performance

CPU Mark by Socket Type

CPU Mega List

Search Model

Compare

0

Common

Most Benchmarked

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	2782	NA	NA
AMD A4 Micro-6400T APU	1544	1972	NA	NA
AMD A4 PRO-3340B	2402	1579	NA	NA
AMD A4 PRO-7300B APU	2353	1600	NA	NA
AMD A4 PRO-7350B	2227	1654	NA	NA
AMD A4-1200 APU	632	2462	NA	NA
AMD A4-1250 APU	619	2469	NA	NA
AMD A4-3300 APU	1503	1997	115.71	\$12.99
AMD A4-3300M APU	1188	2161	39.62	\$29.99*
AMD A4-3305M APU	1227	2140	39.84	\$30.81
AMD A4-3310MX APU	1286	2103	NA	NA
AMD A4-3320M APU	1253	2125	34.93	\$35.90
AMD A4-3330MX APU	1218	2143	NA	NA
AMD A4-3400 APU	1594	1956	18.13	\$87.95
AMD A4-3420 APU	1664	1917	NA	NA
AMD A4-4000 APU	1835	1827	14.31	\$128.27*
AMD A4-4020 APU	1909	1788	21.21	\$90.00
AMD A4-4300M APU	1612	1945	40.44	\$39.86
AMD A4-4355M APU	1177	2165	NA	NA
AMD A4-5000 APU	1916	1783	NA	NA
AMD A4-5050 APU	2113	1695	NA	NA

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Video Card Benchmarks	<u>AMD A4-5100 APU</u>	2060	1719	NA	NA
	<u>AMD A4-5150M APU</u>	1864	1811	NA	NA
Hard Drive Benchmarks	<u>AMD A4-5300 APU</u>	2015	1739	<u>18.27</u>	<u>\$110.32</u>
	<u>AMD A4-5300B APU</u>	2149	1681	<u>56.56</u>	<u>\$38.00*</u>
RAM	<u>AMD A4-6210 APU</u>	2169	1673	NA	NA
	<u>AMD A4-6250J APU</u>	2556	1522	NA	NA
PC Systems	<u>AMD A4-6300 APU</u>	2223	1656	<u>37.07</u>	<u>\$59.99*</u>
	<u>AMD A4-6300B APU</u>	2159	1679	<u>21.59</u>	<u>\$100.00*</u>
Android	<u>AMD A4-6320 APU</u>	2329	1603	<u>33.29</u>	<u>\$69.99*</u>
	<u>AMD A4-7210 APU</u>	2523	1533	NA	NA
iOS / iPhone	<u>AMD A4-7300 APU</u>	2311	1613	<u>18.94</u>	<u>\$122.00</u>
	<u>AMD A4-9120</u>	1962	1759	NA	NA
	<u>AMD A4-9120C</u>	1539	1975	NA	NA
	<u>AMD A4-9125</u>	1968	1757	NA	NA
	<u>AMD A6 Micro-6500T APU</u>	1834	1828	NA	NA
	<u>AMD A6 PRO-7050B APU</u>	1616	1943	NA	NA
	<u>AMD A6 PRO-7400B</u>	2621	1497	NA	NA
	<u>AMD A6-1450 APU</u>	1539	1976	NA	NA
	<u>AMD A6-3400M APU</u>	1888	1802	<u>63.02</u>	<u>\$29.97*</u>
	<u>AMD A6-3410MX APU</u>	2059	1722	<u>516.08</u>	<u>\$3.99*</u>
	<u>AMD A6-3420M APU</u>	2004	1741	NA	NA
	<u>AMD A6-3430MX APU</u>	2200	1664	NA	NA
	<u>AMD A6-3500 APU</u>	2029	1731	<u>50.76</u>	<u>\$39.99*</u>
	<u>AMD A6-3600 APU</u>	2707	1474	<u>117.76</u>	<u>\$22.99*</u>
	<u>AMD A6-3620 APU</u>	2794	1443	<u>46.58</u>	<u>\$59.99*</u>
	<u>AMD A6-3650 APU</u>	3148	1326	<u>98.41</u>	<u>\$31.99*</u>
	<u>AMD A6-3670 APU</u>	3165	1314	<u>5.19</u>	<u>\$610.00*</u>
	<u>AMD A6-4400M APU</u>	1641	1930	<u>205.41</u>	<u>\$7.99*</u>
	<u>AMD A6-4455M APU</u>	1286	2102	NA	NA
	<u>AMD A6-5200 APU</u>	2433	1567	NA	NA
	<u>AMD A6-5345M APU</u>	1476	2008	NA	NA
	<u>AMD A6-5350M APU</u>	1906	1790	<u>44.20</u>	<u>\$43.12</u>
	<u>AMD A6-5357M APU</u>	1953	1765	NA	NA

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD) iOS / iPhone
Video Card Benchmarks	AMD A6-5400B APU	2242	1647	21.35	\$105.04*
Hard Drive Benchmarks	AMD A6-5400K APU	2161	1678	34.85	\$62.02
RAM	AMD A6-6310 APU	2460	1559	NA	NA
PC Systems	AMD A6-6400B APU	2281	1625	NA	NA
Android	AMD A6-6400K APU	2311	1612	11.06	\$208.99*
iOS / iPhone	AMD A6-6420B APU	2612	1499	NA	NA
	AMD A6-6420K APU	2388	1586	15.92	\$149.99*
	AMD A6-7000	1667	1914	NA	NA
	AMD A6-7310 APU	2670	1482	NA	NA
	AMD A6-7400K APU	2790	1446	43.74	\$63.79
	AMD A6-7470K	2727	1467	20.52	\$132.91
	AMD A6-7480	3129	1329	71.14	\$43.99
	AMD A6-8500P	2202	1663	NA	NA
	AMD A6-8550	3032	1360	NA	NA
	AMD A6-9200	1747	1865	NA	NA
	AMD A6-9210	1753	1861	NA	NA
	AMD A6-9220	2171	1670	NA	NA
	AMD A6-9220C	2071	1714	NA	NA
	AMD A6-9220e	1621	1941	NA	NA
	AMD A6-9225	2161	1677	NA	NA
	AMD A6-9230	2102	1700	NA	NA
	AMD A6-9500	3054	1354	59.50	\$51.34
	AMD A6-9500E	2889	1416	39.67	\$72.84*
	AMD A8 PRO-7150B APU	2650	1488	NA	NA
	AMD A8 PRO-7600B APU	4758	948	NA	NA
	AMD A8-3500M APU	1980	1749	28.32	\$69.95
	AMD A8-3510MX APU	2414	1573	NA	NA
	AMD A8-3520M APU	2170	1671	NA	NA
	AMD A8-3530MX APU	2354	1598	NA	NA
	AMD A8-3550MX APU	2610	1500	NA	NA
	AMD A8-3800 APU	3011	1364	52.84	\$56.99*
	AMD A8-3820 APU	3106	1337	24.86	\$124.99*
	AMD A8-3850 APU	3458	1230	32.72	\$105.68*
	AMD A8-3870K APU	3539	1206	23.65	\$149.67*

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD A8-4500M APU</u>	2667	1484	NA	NA
<u>AMD A8-4555M APU</u>	2121	1691	NA	NA
<u>AMD A8-5500 APU</u>	3998	1096	70.77	\$56.50*
<u>AMD A8-5500B APU</u>	4023	1092	NA	NA
<u>AMD A8-5545M APU</u>	2591	1507	NA	NA
<u>AMD A8-5550M APU</u>	3002	1369	NA	NA
<u>AMD A8-5557M APU</u>	2954	1385	NA	NA
<u>AMD A8-5600K APU</u>	4340	1032	18.93	\$229.30
<u>AMD A8-6410 APU</u>	2574	1514	NA	NA
<u>AMD A8-6500 APU</u>	4393	1021	46.26	\$94.99*
<u>AMD A8-6500B APU</u>	4612	976	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD A8-6500T APU</u>	3221	1295	NA	NA
<u>AMD A8-6600K APU</u>	4591	982	47.33	\$96.99*
<u>AMD A8-7050</u>	1824	1833	NA	NA
<u>AMD A8-7100 APU</u>	2808	1441	NA	NA
<u>AMD A8-7200P</u>	3338	1265	NA	NA
<u>AMD A8-7410 APU</u>	2745	1461	NA	NA
<u>AMD A8-7600 APU</u>	5064	885	17.71	\$285.99*
<u>AMD A8-7650K</u>	4928	914	42.49	\$115.99
<u>AMD A8-7670K</u>	5083	877	31.56	\$161.10*
<u>AMD A8-7680</u>	5270	851	87.86	\$59.99*
<u>AMD A8-8600P</u>	3248	1283	NA	NA
<u>AMD A8-8650</u>	5470	817	NA	NA
<u>AMD A8-9600</u>	4966	908	73.04	\$67.99
<u>AMD A9-9400</u>	2312	1611	NA	NA
<u>AMD A9-9410</u>	2546	1525	NA	NA
<u>AMD A9-9420</u>	2340	1602	NA	NA
<u>AMD A9-9420e</u>	1807	1839	NA	NA
<u>AMD A9-9425</u>	2504	1545	NA	NA
<u>AMD A9-9430</u>	2524	1532	NA	NA
<u>AMD A10 Micro-6700T APU</u>	1970	1753	NA	NA
<u>AMD A10 PRO-7350B APU</u>	3164	1315	NA	NA
<u>AMD A10 PRO-7800B APU</u>	4955	909	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD A10 PRO-7850B APU</u>	5380	833	NA	NA
<u>AMD A10-4600M APU</u>	3114	1336	NA	NA
<u>AMD A10-4655M APU</u>	2605	1502	NA	NA
<u>AMD A10-4657M APU</u>	2906	1406	NA	NA
<u>AMD A10-5700 APU</u>	4214	1060	65.35	\$64.50*
<u>AMD A10-5745M APU</u>	2763	1455	NA	NA
<u>AMD A10-5750M APU</u>	3341	1262	NA	NA
<u>AMD A10-5757M APU</u>	3084	1344	NA	NA
<u>AMD A10-5800B APU</u>	4614	975	NA	NA
<u>AMD A10-5800K APU</u>	4648	966	30.99	\$149.99*
<u>AMD A10-6700 APU</u>	4602	979	39.34	\$116.99*
<u>AMD A10-6700T APU</u>	3693	1173	25.02	\$147.61*
<u>AMD A10-6790K APU</u>	4714	954	49.64	\$94.99*
<u>AMD A10-6800B APU</u>	4822	935	NA	NA
<u>AMD A10-6800K APU</u>	4860	930	16.95	\$286.85*
<u>AMD A10-7300 APU</u>	2906	1408	NA	NA
<u>AMD A10-7400P</u>	3609	1189	NA	NA
<u>AMD A10-7700K APU</u>	5120	873	39.89	\$128.37*
<u>AMD A10-7800 APU</u>	4973	904	48.11	\$103.39*
<u>AMD A10-7850K APU</u>	5469	818	44.72	\$122.31*
<u>AMD A10-7860K</u>	5070	882	28.97	\$175.00*
<u>AMD A10-7870K</u>	5475	815	24.12	\$226.99*
<u>AMD A10-7890K</u>	5711	785	28.56	\$199.99*
<u>AMD A10-8700P</u>	3446	1232	NA	NA
<u>AMD A10-8750</u>	5064	886	NA	NA
<u>AMD A10-8850</u>	5604	799	NA	NA
<u>AMD A10-9600P</u>	3763	1153	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD A10-9620P</u>	3654	1182	NA	NA
<u>AMD A10-9630P</u>	4474	1005	NA	NA
<u>AMD A10-9700</u>	5387	832	63.20	\$85.25
<u>AMD A10-9700E</u>	4747	952	52.18	\$90.99
<u>AMD A12-9700P</u>	3717	1166	NA	NA
<u>AMD A12-9720P</u>	3994	1097	NA	NA

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD) iOS / iPhone
Video Card Benchmarks	AMD A12-9730P	4417	1018	NA	NA
Hard Drive Benchmarks	AMD A12-9800	5580	802	37.64	\$148.24*
RAM	AMD A12-9800E	5083	878	38.69	\$131.38*
PC Systems	AMD Athlon64 X2 Dual Core 4600+	1108	2206	NA	NA
Android	AMD Athlon 4	279	2802	4.00	\$69.99
	AMD Athlon 64 2000+	116	2936	NA	NA
	AMD Athlon 64 2200+	575	2494	NA	NA
	AMD Athlon 64 2600+	374	2677	NA	NA
	AMD Athlon 64 2800+	438	2605	4.38	\$99.99*
	AMD Athlon 64 3000+	464	2573	4.26	\$108.95
	AMD Athlon 64 3200+	492	2543	3.29	\$149.95*
	AMD Athlon 64 3300+	576	2493	NA	NA
	AMD Athlon 64 3400+	545	2504	NA	NA
	AMD Athlon 64 3500+	540	2511	4.97	\$108.95
	AMD Athlon 64 3600+	601	2478	NA	NA
	AMD Athlon 64 3700+	598	2480	8.67	\$69.00*
	AMD Athlon 64 3800+	589	2483	3.28	\$179.95*
	AMD Athlon 64 4000+	608	2473	3.32	\$183.27*
	AMD Athlon 64 FX-25	794	2389	NA	NA
	AMD Athlon 64 FX-34	380	2669	NA	NA
	AMD Athlon 64 FX-51	437	2606	NA	NA
	AMD Athlon 64 FX-53	646	2454	21.57	\$29.99*
	AMD Athlon 64 FX-55	721	2419	4.01	\$179.95*
	AMD Athlon 64 FX-57	730	2415	NA	NA
	AMD Athlon 64 FX-59	715	2422	NA	NA
	AMD Athlon 64 FX-60 Dual Core	1282	2108	NA	NA
	AMD Athlon 64 FX-62 Dual Core	1573	1963	NA	NA
	AMD Athlon 64 FX-72	1794	1844	NA	NA
	AMD Athlon 64 FX-74	1495	2001	2.99	\$499.50*
	AMD Athlon 64 X2 3800+	958	2302	NA	NA
	AMD Athlon 64 X2 4200+	1285	2104	4.16	\$308.95*
	AMD Athlon 64 X2 Dual Core 3400+	994	2275	NA	NA
	AMD Athlon 64 X2 Dual Core 3600+	962	2296	16.05	\$60.00*
	AMD Athlon 64 X2 Dual Core 3800+	999	2269	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon 64 X2 Dual Core 4000+</u>	1044	2241	NA	NA
<u>AMD Athlon 64 X2 Dual Core 4200+</u>	1098	2210	5.49	\$199.95
<u>AMD Athlon 64 X2 Dual Core 4400+</u>	1145	2189	19.10	\$60.00
<u>AMD Athlon 64 X2 Dual Core 4600+</u>	1218	2142	3.39	\$359.95
<u>AMD Athlon 64 X2 Dual Core 4800+</u>	1253	2126	2.73	\$459.95*
<u>AMD Athlon 64 X2 Dual Core 5000+</u>	1314	2084	3.97	\$331.49*
<u>AMD Athlon 64 X2 Dual Core 5200+</u>	1381	2049	9.87	\$139.95
<u>AMD Athlon 64 X2 Dual Core 5400+</u>	1450	2019	27.37	\$52.99*
<u>AMD Athlon 64 X2 Dual Core 5600+</u>	1484	2005	9.90	\$149.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon 64 X2 Dual Core 5800+</u>	1516	1988	60.68	\$24.99*
<u>AMD Athlon 64 X2 Dual Core 6000+</u>	1602	1950	34.88	\$45.95
<u>AMD Athlon 64 X2 Dual Core 6400+</u>	1787	1847	6.87	\$259.95
<u>AMD Athlon 64 X2 Dual Core BE-230</u>	1095	2214	NA	NA
<u>AMD Athlon 64 X2 Dual Core BE-2300</u>	1082	2224	NA	NA
<u>AMD Athlon 64 X2 Dual Core BE-2350</u>	1044	2240	NA	NA
<u>AMD Athlon 64 X2 Dual Core TK-53</u>	839	2366	28.02	\$29.97*
<u>AMD Athlon 64 X2 Dual Core TK-55</u>	839	2368	14.53	\$57.74*
<u>AMD Athlon 64 X2 Dual Core TK-57</u>	971	2290	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-42</u>	877	2346	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-53</u>	819	2375	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-55</u>	874	2347	12.02	\$72.74*
<u>AMD Athlon 64 X2 Dual-Core TK-57</u>	925	2324	NA	NA
<u>AMD Athlon 64 X2 QL-60</u>	924	2325	NA	NA
<u>AMD Athlon 64 X2 QL-62</u>	1003	2266	NA	NA
<u>AMD Athlon 64 X2 QL-64</u>	990	2279	NA	NA
<u>AMD Athlon 64 X2 QL-65</u>	1050	2239	NA	NA
<u>AMD Athlon 64 X2 QL-66</u>	947	2311	NA	NA
<u>AMD Athlon 64 X2 QL-67</u>	1006	2263	NA	NA
<u>AMD Athlon 64 X2 TK-55</u>	955	2303	NA	NA
<u>AMD Athlon 64 X2 TK-57</u>	988	2281	NA	NA
<u>AMD Athlon 200GE</u>	4926	915	76.08	\$64.75
<u>AMD Athlon 220GE</u>	5302	848	76.47	\$69.34
<u>AMD Athlon 240GE</u>	5355	838	77.58	\$73.79

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems
			Android	iOS / iPhone
<u>AMD Athlon 300U</u>	4827	934	NA	NA
<u>AMD Athlon 1500+</u>	294	2774	NA	NA
<u>AMD Athlon 1640B</u>	670	2445	13.42	\$50.00*
<u>AMD Athlon 2000+</u>	390	2665	NA	NA
<u>AMD Athlon 2100+</u>	412	2628	NA	NA
<u>AMD Athlon 2200+</u>	363	2694	4.55	\$79.99*
<u>AMD Athlon 2400+</u>	462	2576	NA	NA
<u>AMD Athlon 2500+</u>	374	2674	2.04	\$183.99*
<u>AMD Athlon 2600+</u>	444	2596	4.23	\$104.95*
<u>AMD Athlon 2650e</u>	409	2632	21.56	\$19.00*
<u>AMD Athlon 2800+</u>	447	2593	3.20	\$139.95*
<u>AMD Athlon 2850e</u>	506	2536	NA	NA
<u>AMD Athlon 3100+</u>	485	2554	NA	NA
<u>AMD Athlon 3200+</u>	458	2581	7.63	\$60.00*
<u>AMD Athlon 5000 Dual-Core</u>	1292	2097	10.78	\$119.95*
<u>AMD Athlon 5150 APU</u>	2105	1698	13.16	\$159.95
<u>AMD Athlon 5200 Dual-Core</u>	1266	2120	42.23	\$29.99*
<u>AMD Athlon 5350 APU</u>	2608	1501	17.51	\$149.00*
<u>AMD Athlon 5370 APU</u>	2912	1401	45.73	\$63.70*
<u>AMD Athlon 7450 Dual-Core</u>	1449	2020	NA	NA
<u>AMD Athlon 7550 Dual-Core</u>	1470	2010	24.52	\$60.00*
<u>AMD Athlon 7750 Dual-Core</u>	1570	1964	9.92	\$158.37
<u>AMD Athlon 7850 Dual-Core</u>	1713	1883	8.17	\$209.65*
<u>AMD Athlon 7850 Dual-Core 2.8G</u>	288	2785	NA	NA
<u>AMD Athlon Dual Core 4050e</u>	1086	2219	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon Dual Core 4450B</u>	1165	2177	37.59	\$31.00*
<u>AMD Athlon Dual Core 4450e</u>	1107	2208	NA	NA
<u>AMD Athlon Dual Core 4850B</u>	1391	2042	NA	NA
<u>AMD Athlon Dual Core 4850e</u>	1314	2083	33.71	\$39.00*
<u>AMD Athlon Dual Core 5000B</u>	1308	2086	13.77	\$95.00*
<u>AMD Athlon Dual Core 5050e</u>	1343	2070	22.39	\$60.00*
<u>AMD Athlon Dual Core 5200B</u>	1316	2082	NA	NA
<u>AMD Athlon Dual Core 5400B</u>	1420	2031	NA	NA

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Passmark CPU Mark (higher is better)	RAM	Rank (lower is better)	PC Systems	CPU Value (higher is better)	Android	Price (USD) iOS / iPhone
			<u>AMD Athlon Dual Core 5600B</u>		1304	2090	NA		NA
			<u>AMD Athlon II 160u</u>		560	2500	<u>18.68</u>		<u>\$29.99*</u>
			<u>AMD Athlon II 170u</u>		626	2465	<u>20.91</u>		<u>\$29.95*</u>
			<u>AMD Athlon II Dual-Core M300</u>		1111	2202	NA		NA
			<u>AMD Athlon II Dual-Core M320</u>		1141	2191	<u>38.05</u>		<u>\$30.00*</u>
			<u>AMD Athlon II Dual-Core M340</u>		1056	2236	NA		NA
			<u>AMD Athlon II N330 Dual-Core</u>		1154	2183	NA		NA
			<u>AMD Athlon II N350 Dual-Core</u>		1249	2132	NA		NA
			<u>AMD Athlon II N370 Dual-Core</u>		1559	1968	NA		NA
			<u>AMD Athlon II Neo K125</u>		473	2567	NA		NA
			<u>AMD Athlon II Neo K145</u>		525	2519	NA		NA
			<u>AMD Athlon II Neo K325 Dual-Core</u>		775	2394	<u>29.84</u>		<u>\$25.99*</u>
			<u>AMD Athlon II Neo K345 Dual-Core</u>		856	2358	NA		NA
			<u>AMD Athlon II Neo N36L Dual-Core</u>		795	2388	NA		NA
			<u>AMD Athlon II P320 Dual-Core</u>		1216	2144	<u>40.63</u>		<u>\$29.95*</u>
			<u>AMD Athlon II P340 Dual-Core</u>		1250	2130	<u>27.83</u>		<u>\$44.95*</u>
			<u>AMD Athlon II P360 Dual-Core</u>		1318	2081	<u>54.94</u>		<u>\$24.00*</u>
			<u>AMD Athlon II X2 210e</u>		1486	2004	NA		NA
			<u>AMD Athlon II X2 215</u>		1566	1966	<u>130.68</u>		<u>\$11.99*</u>
			<u>AMD Athlon II X2 220</u>		1633	1935	<u>50.76</u>		<u>\$32.19</u>
			<u>AMD Athlon II X2 225</u>		1526	1981	NA		NA
			<u>AMD Athlon II X2 235e</u>		1661	1922	<u>9.13</u>		<u>\$181.88*</u>
			<u>AMD Athlon II X2 240</u>		1642	1927	<u>47.00</u>		<u>\$34.95</u>
			<u>AMD Athlon II X2 240e</u>		1700	1895	<u>48.64</u>		<u>\$34.95*</u>
			<u>AMD Athlon II X2 245</u>		1661	1921	<u>47.54</u>		<u>\$34.95*</u>
			<u>AMD Athlon II X2 245e</u>		1709	1887	<u>21.37</u>		<u>\$80.00*</u>
			<u>AMD Athlon II X2 250</u>		1741	1867	<u>44.71</u>		<u>\$38.95</u>
			<u>AMD Athlon II X2 250e</u>		1939	1770	<u>25.28</u>		<u>\$76.73*</u>
			<u>AMD Athlon II X2 250u</u>		1004	2264	<u>28.74</u>		<u>\$34.95*</u>
			<u>AMD Athlon II X2 255</u>		1841	1823	<u>28.24</u>		<u>\$65.22*</u>
			<u>AMD Athlon II X2 260</u>		1875	1805	<u>93.83</u>		<u>\$19.99*</u>
			<u>AMD Athlon II X2 260u</u>		1107	2207	<u>13.28</u>		<u>\$83.44*</u>
			<u>AMD Athlon II X2 265</u>		1892	1797	<u>22.84</u>		<u>\$82.88*</u>
			<u>AMD Athlon II X2 270</u>		1976	1751	<u>82.38</u>		<u>\$23.99*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon II X2 270u</u>	1285	2106	18.99	\$67.67*
<u>AMD Athlon II X2 280</u>	2129	1689	21.30	\$99.99*
<u>AMD Athlon II X2 4300e</u>	1483	2006	NA	NA
<u>AMD Athlon II X2 4400e</u>	1632	1937	NA	NA
<u>AMD Athlon II X2 4450e</u>	1504	1995	NA	NA
<u>AMD Athlon II X2 B22</u>	1714	1881	41.13	\$41.69*
<u>AMD Athlon II X2 B24</u>	1779	1850	44.54	\$39.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon II X2 B26</u>	1906	1789	54.56	\$34.95
<u>AMD Athlon II X2 B28</u>	2085	1708	42.52	\$49.05*
<u>AMD Athlon II X3 400e</u>	2009	1740	18.70	\$107.43*
<u>AMD Athlon II X3 405e</u>	2000	1742	25.00	\$79.99*
<u>AMD Athlon II X3 415e</u>	2247	1643	29.97	\$75.00*
<u>AMD Athlon II X3 420e</u>	2285	1622	19.68	\$116.15*
<u>AMD Athlon II X3 425</u>	2314	1609	85.74	\$26.99*
<u>AMD Athlon II X3 425e</u>	2239	1650	NA	NA
<u>AMD Athlon II X3 435</u>	2470	1555	82.36	\$29.99*
<u>AMD Athlon II X3 440</u>	2566	1517	95.10	\$26.99*
<u>AMD Athlon II X3 445</u>	2574	1513	28.29	\$91.00*
<u>AMD Athlon II X3 450</u>	2621	1498	68.96	\$38.01
<u>AMD Athlon II X3 455</u>	2767	1452	70.97	\$38.99*
<u>AMD Athlon II X3 460</u>	2864	1422	73.46	\$38.99*
<u>AMD Athlon II X4 553</u>	3814	1139	NA	NA
<u>AMD Athlon II X4 555</u>	3830	1135	NA	NA
<u>AMD Athlon II X4 559</u>	4125	1076	NA	NA
<u>AMD Athlon II X4 600e</u>	2465	1558	18.93	\$130.23*
<u>AMD Athlon II X4 605e</u>	2716	1470	26.69	\$101.80*
<u>AMD Athlon II X4 610e</u>	2793	1444	39.92	\$69.99*
<u>AMD Athlon II X4 615e</u>	2899	1412	49.15	\$59.00*
<u>AMD Athlon II X4 620</u>	2929	1397	48.86	\$59.95
<u>AMD Athlon II X4 620e</u>	2906	1407	NA	NA
<u>AMD Athlon II X4 630</u>	3131	1328	49.75	\$62.95
<u>AMD Athlon II X4 631 Quad-Core</u>	3151	1323	39.39	\$80.00*
<u>AMD Athlon II X4 635</u>	3234	1289	46.74	\$69.95*

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon II X4 638 Quad-Core</u>	3198	1302	<u>120.73</u>	<u>\$26.49*</u>
<u>AMD Athlon II X4 640</u>	3314	1269	<u>41.46</u>	<u>\$79.95</u>
<u>AMD Athlon II X4 641 Quad-Core</u>	3342	1260	<u>36.53</u>	<u>\$91.50*</u>
<u>AMD Athlon II X4 645</u>	3466	1228	<u>43.36</u>	<u>\$79.95</u>
<u>AMD Athlon II X4 650</u>	3482	1225	<u>20.90</u>	<u>\$166.60*</u>
<u>AMD Athlon II X4 651 Quad-Core</u>	3576	1198	<u>20.09</u>	<u>\$178.04*</u>
<u>AMD Athlon II X4 655</u>	2998	1371	NA	NA
<u>AMD Athlon II X4 6400e</u>	2594	1505	NA	NA
<u>AMD Athlon L110</u>	303	2755	NA	NA
<u>AMD Athlon LE-1600</u>	557	2501	<u>26.57</u>	<u>\$21.00*</u>
<u>AMD Athlon LE-1620</u>	578	2491	<u>32.12</u>	<u>\$18.00*</u>
<u>AMD Athlon LE-1640</u>	626	2464	NA	NA
<u>AMD Athlon LE-1660</u>	679	2442	NA	NA
<u>AMD Athlon MP</u>	230	2856	<u>4.20</u>	<u>\$54.95*</u>
<u>AMD Athlon MP 1700+</u>	339	2716	NA	NA
<u>AMD Athlon MP 2400+</u>	436	2607	NA	NA
<u>AMD Athlon MP 2800+</u>	497	2541	NA	NA
<u>AMD Athlon Neo MV-40</u>	410	2630	NA	NA
<u>AMD Athlon Neo X2 Dual Core 6850e</u>	1002	2268	NA	NA
<u>AMD Athlon Neo X2 Dual Core L325</u>	776	2393	NA	NA
<u>AMD Athlon Neo X2 Dual Core L335</u>	828	2371	NA	NA
<u>AMD Athlon PRO 200GE</u>	5204	860	NA	NA
<u>AMD Athlon QI-46</u>	473	2566	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon TF-20</u>	413	2626	NA	NA
<u>AMD Athlon TF-36</u>	395	2654	NA	NA
<u>AMD Athlon X2 215</u>	1543	1974	NA	NA
<u>AMD Athlon X2 235e</u>	1806	1841	NA	NA
<u>AMD Athlon X2 240</u>	1602	1949	NA	NA
<u>AMD Athlon X2 240e</u>	1670	1912	NA	NA
<u>AMD Athlon X2 250</u>	1696	1898	NA	NA
<u>AMD Athlon X2 255</u>	1627	1939	NA	NA
<u>AMD Athlon X2 280</u>	2303	1616	<u>68.77</u>	<u>\$33.49*</u>
<u>AMD Athlon X2 340 Dual Core</u>	1923	1779	<u>38.49</u>	<u>\$49.99*</u>

CPU Benchmarks	CPU Name	Passmark CPU	Rank	CPU Value	Price
		Mark (higher is better)			
Video Card Benchmarks					
Hard Drive Benchmarks					
RAM					
PC Systems					
Android					
iOS / iPhone					
	<u>AMD Athlon X2 370K Dual Core</u>	2251	1642	NA	NA
	<u>AMD Athlon X2 440</u>	1424	2029	NA	NA
	<u>AMD Athlon X2 Dual Core 3250e</u>	778	2392	NA	NA
	<u>AMD Athlon X2 Dual Core 6850e</u>	998	2271	NA	NA
	<u>AMD Athlon X2 Dual Core BE-2300</u>	920	2329	NA	NA
	<u>AMD Athlon X2 Dual Core BE-2350</u>	1109	2204	NA	NA
	<u>AMD Athlon X2 Dual Core BE-2400</u>	1213	2145	NA	NA
	<u>AMD Athlon X2 Dual Core BE-2450</u>	1251	2128	NA	NA
	<u>AMD Athlon X2 Dual Core L310</u>	645	2455	NA	NA
	<u>AMD Athlon X2 Dual Core LS-5800</u>	1009	2261	NA	NA
	<u>AMD Athlon X3 425</u>	2191	1667	NA	NA
	<u>AMD Athlon X3 435</u>	2574	1515	26.96	\$95.49*
	<u>AMD Athlon X3 440</u>	2078	1710	23.62	\$87.99*
	<u>AMD Athlon X3 445</u>	2314	1608	NA	NA
	<u>AMD Athlon X3 455</u>	2401	1580	NA	NA
	<u>AMD Athlon X4 605e</u>	2505	1544	NA	NA
	<u>AMD Athlon X4 620</u>	2861	1423	47.74	\$59.95
	<u>AMD Athlon X4 635</u>	2891	1415	23.71	\$121.99*
	<u>AMD Athlon X4 640</u>	3172	1310	NA	NA
	<u>AMD Athlon X4 740 Quad Core</u>	4028	1091	14.54	\$277.00*
	<u>AMD Athlon X4 750 Quad Core</u>	4551	987	NA	NA
	<u>AMD Athlon X4 750K Quad Core</u>	4270	1047	55.47	\$76.99*
	<u>AMD Athlon X4 760K Quad Core</u>	4595	980	109.47	\$41.98*
	<u>AMD Athlon X4 830</u>	4701	956	NA	NA
	<u>AMD Athlon X4 840</u>	5071	881	64.41	\$78.74*
	<u>AMD Athlon X4 845</u>	5412	825	101.88	\$53.13*
	<u>AMD Athlon X4 860K</u>	5412	826	40.10	\$134.95*
	<u>AMD Athlon X4 870K</u>	5320	847	66.52	\$79.99*
	<u>AMD Athlon X4 880K</u>	5592	800	55.93	\$99.99*
	<u>AMD Athlon X4 950</u>	5219	858	81.56	\$64.00
	<u>AMD Athlon XP1600+</u>	281	2798	NA	NA
	<u>AMD Athlon XP1900+</u>	353	2703	NA	NA
	<u>AMD Athlon XP2100+</u>	287	2787	NA	NA
	<u>AMD Athlon XP2200+</u>	401	2646	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon XP2400+</u>	374	2676	NA	NA
<u>AMD Athlon XP 1500</u>	282	2797	NA	NA
<u>AMD Athlon XP 1500+</u>	257	2827	NA	NA
<u>AMD Athlon XP 1600+</u>	267	2817	NA	NA
<u>AMD Athlon XP 1700</u>	344	2713	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon XP 1700+</u>	271	2813	4.43	\$61.25*
<u>AMD Athlon XP 1800+</u>	300	2762	5.10	\$58.95*
<u>AMD Athlon XP 1900+</u>	312	2746	NA	NA
<u>AMD Athlon XP 2000+</u>	299	2763	12.00	\$24.99*
<u>AMD Athlon XP 2100+</u>	323	2729	NA	NA
<u>AMD Athlon XP 2200+</u>	328	2728	3.87	\$84.95*
<u>AMD Athlon XP 2300+</u>	464	2574	NA	NA
<u>AMD Athlon XP 2400+</u>	360	2696	4.01	\$89.99*
<u>AMD Athlon XP 2500+</u>	355	2700	NA	NA
<u>AMD Athlon XP 2600+</u>	372	2680	16.18	\$23.03*
<u>AMD Athlon XP 2700+</u>	393	2657	4.64	\$84.79*
<u>AMD Athlon XP 2800+</u>	400	2648	NA	NA
<u>AMD Athlon XP 2900+</u>	424	2620	NA	NA
<u>AMD Athlon XP 3000+</u>	402	2644	5.06	\$79.70*
<u>AMD Athlon XP 3100+</u>	433	2611	NA	NA
<u>AMD Athlon XP 3200+</u>	432	2612	NA	NA
<u>AMD Athlon XP 3400+</u>	570	2497	NA	NA
<u>AMD Athlon XP Pro3+</u>	367	2687	NA	NA
<u>AMD Athlon XP-M</u>	541	2510	15.48	\$34.95*
<u>AMD C-30</u>	310	2748	NA	NA
<u>AMD C-50</u>	462	2577	NA	NA
<u>AMD C-60</u>	466	2570	NA	NA
<u>AMD C-60 APU</u>	544	2505	NA	NA
<u>AMD C-70 APU</u>	557	2502	NA	NA
<u>AMD E1 Micro-6200T APU</u>	960	2299	NA	NA
<u>AMD E1-1200 APU</u>	655	2452	NA	NA
<u>AMD E1-1500 APU</u>	688	2437	NA	NA
<u>AMD F1-2100 APU</u>	641	2460	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD E1-2200 APU</u>	767	2396	NA	NA
<u>AMD E1-2500 APU</u>	890	2344	NA	NA
<u>AMD E1-6010 APU</u>	869	2350	NA	NA
<u>AMD E1-6015 APU</u>	900	2339	NA	NA
<u>AMD E1-7010 APU</u>	1012	2259	NA	NA
<u>AMD E2-1800 APU</u>	815	2376	NA	NA
<u>AMD E2-2000 APU</u>	825	2372	NA	NA
<u>AMD E2-3000 APU</u>	1140	2192	NA	NA
<u>AMD E2-3000M APU</u>	1097	2212	<u>54.85</u>	<u>\$20.00*</u>
<u>AMD E2-3200 APU</u>	1380	2050	<u>172.79</u>	<u>\$7.99*</u>
<u>AMD E2-3800 APU</u>	1641	1928	NA	NA
<u>AMD E2-6110 APU</u>	1912	1787	NA	NA
<u>AMD E2-7110 APU</u>	2288	1619	NA	NA
<u>AMD E2-9000</u>	1654	1924	NA	NA
<u>AMD E2-9000e</u>	1344	2069	NA	NA
<u>AMD E2-9010</u>	1705	1890	NA	NA
<u>AMD E2-9030</u>	1515	1990	NA	NA
<u>AMD E-240</u>	319	2735	NA	NA
<u>AMD E-300 APU</u>	610	2472	NA	NA
<u>AMD E-350</u>	745	2410	NA	NA
<u>AMD E-350 APU</u>	757	2403	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD E-350D APU</u>	726	2417	NA	NA
<u>AMD E-450 APU</u>	765	2397	NA	NA
<u>AMD Embedded G-Series GX-215JJ Radeon R2E</u>	1758	1855	NA	NA
<u>AMD Embedded G-Series GX-224IJ Radeon R4E</u>	2088	1705	NA	NA
<u>AMD Embedded G-Series GX-420GI Radeon R7E</u>	2508	1541	NA	NA
<u>AMD Embedded R-Series RX-216GD</u>	2409	1576	NA	NA
<u>AMD Embedded R-Series RX-418GD Radeon R6</u>	5068	883	NA	NA
<u>AMD Embedded R-Series RX-421BD</u>	4635	970	NA	NA
<u>AMD EPYC 3201</u>	9634	390	NA	NA
<u>AMD EPYC 7251</u>	11811	261	<u>24.84</u>	<u>\$475.45</u>

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Video Card Benchmarks					
Hard Drive Benchmarks					
RAM					
PC Systems					
Android					
iOS / iPhone					
	<u>AMD EPYC 7301</u>	14978	166	<u>22.30</u>	<u>\$671.58</u>
	<u>AMD EPYC 7351</u>	18081	100	<u>24.48</u>	<u>\$738.70</u>
	<u>AMD EPYC 7351P</u>	14887	168	<u>21.01</u>	<u>\$708.42</u>
	<u>AMD EPYC 7371</u>	22071	45	NA	NA
	<u>AMD EPYC 7401P</u>	20221	67	<u>21.80</u>	<u>\$927.66</u>
	<u>AMD EPYC 7501</u>	18942	88	<u>9.19</u>	<u>\$2,060.86</u>
	<u>AMD EPYC 7502P</u>	23465	35	<u>10.20</u>	<u>\$2,300.00*</u>
	<u>AMD EPYC 7551</u>	18483	91	<u>6.40</u>	<u>\$2,887.00</u>
	<u>AMD EPYC 7551P</u>	18406	94	<u>13.00</u>	<u>\$1,415.44</u>
	<u>AMD EPYC 7571</u>	20858	61	NA	NA
	<u>AMD EPYC 7702P</u>	46067	2	<u>10.41</u>	<u>\$4,425.00*</u>
	<u>AMD EPYC 7742</u>	47365	1	<u>6.82</u>	<u>\$6,950.00*</u>
	<u>AMD FirePro A320 APU</u>	4540	993	NA	NA
	<u>AMD FX-670K Quad-Core</u>	4550	989	NA	NA
	<u>AMD FX-770K Quad-Core</u>	4814	937	NA	NA
	<u>AMD FX-870K Quad Core</u>	5021	896	NA	NA
	<u>AMD FX-4100 Quad-Core</u>	4073	1085	<u>26.55</u>	<u>\$153.45*</u>
	<u>AMD FX-4130 Quad-Core</u>	4160	1067	<u>54.75</u>	<u>\$75.99*</u>
	<u>AMD FX-4150 Quad-Core</u>	4594	981	NA	NA
	<u>AMD FX-4170 Quad-Core</u>	4867	924	<u>48.68</u>	<u>\$99.99*</u>
	<u>AMD FX-4200 Quad-Core</u>	4260	1050	<u>18.67</u>	<u>\$228.21*</u>
	<u>AMD FX-4300 Quad-Core</u>	4694	958	<u>42.70</u>	<u>\$109.95</u>
	<u>AMD FX-4320</u>	4993	901	NA	NA
	<u>AMD FX-4330</u>	5328	844	NA	NA
	<u>AMD FX-4350 Quad-Core</u>	5340	841	<u>12.42</u>	<u>\$430.00</u>
	<u>AMD FX-6100 Six-Core</u>	5405	829	<u>20.95</u>	<u>\$258.00*</u>
	<u>AMD FX-6120 Six-Core</u>	5747	784	NA	NA
	<u>AMD FX-6130 Six-Core</u>	6215	728	NA	NA
	<u>AMD FX-6200 Six-Core</u>	6111	741	<u>17.98</u>	<u>\$339.95</u>
	<u>AMD FX-6300 Six-Core</u>	6406	712	<u>25.52</u>	<u>\$251.08</u>
	<u>AMD FX-6330 Six-Core</u>	6954	656	NA	NA
	<u>AMD FX-6350 Six-Core</u>	7017	647	<u>48.40</u>	<u>\$144.99</u>
	<u>AMD FX-7500 APU</u>	3205	1298	NA	NA
	<u>AMD FX-7600P</u>	4050	1087	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD FX-7600P APU</u>	4627	972	NA	NA
<u>AMD FX-8100 Eight-Core</u>	5964	755	42.00	\$142.00*
<u>AMD FX-8120 Eight-Core</u>	6643	690	29.83	\$222.73*
<u>AMD FX-8140 Eight-Core</u>	6133	738	NA	NA
<u>AMD FX-8150 Eight-Core</u>	7659	591	76.63	\$99.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD FX-8300 Eight-Core</u>	7766	580	23.25	\$333.99
<u>AMD FX-8310 Eight-Core</u>	7731	584	NA	NA
<u>AMD FX-8320 Eight-Core</u>	8036	546	62.78	\$128.01
<u>AMD FX-8320E Eight-Core</u>	7575	599	47.64	\$159.01
<u>AMD FX-8350 Eight-Core</u>	8956	462	162.87	\$54.99
<u>AMD FX-8370 Eight-Core</u>	9046	452	42.09	\$214.95
<u>AMD FX-8370E Eight-Core</u>	7864	564	24.57	\$320.09
<u>AMD FX-8800P</u>	4145	1072	NA	NA
<u>AMD FX-9370 Eight-Core</u>	9463	407	15.56	\$608.00
<u>AMD FX-9590 Eight-Core</u>	10191	337	29.49	\$345.64
<u>AMD FX-9800P</u>	3963	1108	NA	NA
<u>AMD FX-9830P</u>	4777	946	NA	NA
<u>AMD FX-B4150 Quad-Core</u>	4611	977	NA	NA
<u>AMD G-T40E</u>	467	2569	NA	NA
<u>AMD G-T40N</u>	516	2528	NA	NA
<u>AMD G-T40R</u>	203	2883	NA	NA
<u>AMD G-T44R</u>	229	2857	NA	NA
<u>AMD G-T48E</u>	667	2447	NA	NA
<u>AMD G-T52R</u>	308	2750	NA	NA
<u>AMD G-T56E</u>	751	2405	NA	NA
<u>AMD G-T56N</u>	795	2387	NA	NA
<u>AMD Geode NX</u>	264	2820	NA	NA
<u>AMD Geode NX 1750</u>	291	2776	NA	NA
<u>AMD GX-210JA SOC</u>	401	2647	NA	NA
<u>AMD GX-212JC SOC</u>	744	2411	NA	NA
<u>AMD GX-217GA SOC</u>	1107	2209	NA	NA
<u>AMD GX-218GL SOC</u>	1207	2149	NA	NA
<u>AMD GX-222GC SOC</u>	1255	2124	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems
Android	iOS / iPhone			
<u>AMD GX-412HC</u>	1497	2000	NA	NA
<u>AMD GX-415GA SOC</u>	1944	1769	NA	NA
<u>AMD GX-420CA SOC</u>	2412	1575	NA	NA
<u>AMD GX-424CC SOC</u>	2491	1549	NA	NA
<u>AMD K7</u>	403	2641	NA	NA
<u>AMD Opteron 140</u>	396	2652	<u>0.62</u>	<u>\$640.00</u>
<u>AMD Opteron 142</u>	428	2616	NA	NA
<u>AMD Opteron 144</u>	486	2551	<u>7.48</u>	<u>\$65.00*</u>
<u>AMD Opteron 146</u>	532	2514	<u>8.87</u>	<u>\$59.99*</u>
<u>AMD Opteron 148</u>	603	2477	NA	NA
<u>AMD Opteron 150</u>	604	2475	NA	NA
<u>AMD Opteron 152</u>	658	2449	NA	NA
<u>AMD Opteron 154</u>	703	2430	NA	NA
<u>AMD Opteron 165</u>	899	2341	<u>1.63</u>	<u>\$550.00</u>
<u>AMD Opteron 170</u>	1097	2211	NA	NA
<u>AMD Opteron 175</u>	1167	2176	NA	NA
<u>AMD Opteron 180</u>	1236	2135	<u>9.51</u>	<u>\$129.95*</u>
<u>AMD Opteron 185</u>	1342	2071	NA	NA
<u>AMD Opteron 246</u>	632	2463	<u>31.62</u>	<u>\$19.99*</u>
<u>AMD Opteron 248</u>	476	2563	<u>4.77</u>	<u>\$99.95</u>
<u>AMD Opteron 250</u>	649	2453	<u>59.01</u>	<u>\$11.00*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Opteron 252</u>	760	2401	<u>12.00</u>	<u>\$63.36*</u>
<u>AMD Opteron 254</u>	693	2434	NA	NA
<u>AMD Opteron 256</u>	963	2294	<u>50.72</u>	<u>\$19.00*</u>
<u>AMD Opteron 265</u>	963	2295	<u>13.20</u>	<u>\$73.00</u>
<u>AMD Opteron 270</u>	1170	2172	<u>1.93</u>	<u>\$607.47*</u>
<u>AMD Opteron 275</u>	1291	2098	<u>19.87</u>	<u>\$64.99</u>
<u>AMD Opteron 280</u>	1176	2166	<u>1.48</u>	<u>\$796.67*</u>
<u>AMD Opteron 285</u>	1470	2011	<u>18.39</u>	<u>\$79.95</u>
<u>AMD Opteron 290</u>	1464	2013	<u>10.85</u>	<u>\$135.00*</u>
<u>AMD Opteron 1210</u>	923	2326	NA	NA
<u>AMD Opteron 1210 HE</u>	971	2289	NA	NA
<u>AMD Opteron 1212</u>	1009	2262	<u>3.48</u>	<u>\$290.00*</u>

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD) iOS / iPhone
Video Card Benchmarks	AMD Opteron 1212 HE	1308	2087	NA	NA
Hard Drive Benchmarks	AMD Opteron 1214	1191	2158	4.11	\$290.00*
RAM	AMD Opteron 1214 HE	1299	2092	NA	NA
PC Systems	AMD Opteron 1216	1311	2085	23.91	\$54.85*
Android	AMD Opteron 1216 HE	1172	2171	NA	NA
	AMD Opteron 1218	1468	2012	NA	NA
	AMD Opteron 1218 HE	1444	2021	NA	NA
	AMD Opteron 1220	1653	1926	NA	NA
	AMD Opteron 1222	1757	1857	NA	NA
	AMD Opteron 1352	2316	1607	17.04	\$135.99*
	AMD Opteron 1354	2630	1494	19.49	\$135.00*
	AMD Opteron 1356	2765	1454	30.73	\$89.99*
	AMD Opteron 1381	3065	1351	NA	NA
	AMD Opteron 2212	1270	2118	63.53	\$20.00*
	AMD Opteron 2214	1358	2064	46.85	\$29.00*
	AMD Opteron 2214 HE	1415	2034	NA	NA
	AMD Opteron 2216	1518	1987	58.84	\$25.80
	AMD Opteron 2218	1594	1957	19.94	\$79.95
	AMD Opteron 2220	1701	1893	21.29	\$79.95
	AMD Opteron 2220 SE	1398	2038	55.92	\$25.00*
	AMD Opteron 2222	1843	1821	1.11	\$1,664.98*
	AMD Opteron 2224 SE	1919	1781	NA	NA
	AMD Opteron 2350	2820	1434	35.28	\$79.95
	AMD Opteron 2354	2450	1563	7.38	\$332.03*
	AMD Opteron 2356	2814	1437	54.12	\$52.00*
	AMD Opteron 2373 EE	2789	1448	NA	NA
	AMD Opteron 2374 HE	2951	1386	15.53	\$189.99*
	AMD Opteron 2376	2283	1623	13.69	\$166.81*
	AMD Opteron 2378	3179	1307	17.76	\$179.00*
	AMD Opteron 2380	2640	1492	58.69	\$45.00
	AMD Opteron 2384	3538	1209	4.21	\$840.00*
	AMD Opteron 2386 SE	3538	1210	NA	NA
	AMD Opteron 2393 SE	2246	1644	NA	NA
	AMD Opteron 2427	3069	1349	38.39	\$79.95

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Opteron 2431</u>	4516	996	112.91	\$40.00*
<u>AMD Opteron 2435</u>	4708	955	24.91	\$189.00*
<u>AMD Opteron 3250 HE</u>	2942	1390	29.73	\$99.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Opteron 3260 HE</u>	3259	1281	NA	NA
<u>AMD Opteron 3280</u>	5403	830	19.78	\$273.18*
<u>AMD Opteron 3320 EE</u>	2675	1481	NA	NA
<u>AMD Opteron 3350 HE</u>	4105	1079	NA	NA
<u>AMD Opteron 3365</u>	6088	748	NA	NA
<u>AMD Opteron 3380</u>	6384	714	7.89	\$809.00*
<u>AMD Opteron 4122</u>	2942	1391	23.55	\$124.99*
<u>AMD Opteron 4162 EE</u>	3166	1313	NA	NA
<u>AMD Opteron 4170 HE</u>	3664	1180	62.11	\$59.00*
<u>AMD Opteron 4184</u>	4418	1017	8.50	\$519.95*
<u>AMD Opteron 4280</u>	6430	709	128.60	\$50.00
<u>AMD Opteron 4284</u>	6660	688	111.03	\$59.99*
<u>AMD Opteron 4332 HE</u>	5614	796	NA	NA
<u>AMD Opteron 4334</u>	6099	742	28.18	\$216.42*
<u>AMD Opteron 4365 EE</u>	5025	895	NA	NA
<u>AMD Opteron 4386</u>	6761	675	48.30	\$139.99*
<u>AMD Opteron 6128</u>	4505	999	237.24	\$18.99
<u>AMD Opteron 6134</u>	2938	1392	66.81	\$43.99*
<u>AMD Opteron 6136</u>	4631	971	42.10	\$110.00*
<u>AMD Opteron 6164 HE</u>	5351	839	NA	NA
<u>AMD Opteron 6172</u>	5261	852	26.57	\$198.00*
<u>AMD Opteron 6174</u>	6171	732	77.19	\$79.95
<u>AMD Opteron 6176 SE</u>	5465	820	34.37	\$159.00*
<u>AMD Opteron 6212</u>	5776	778	192.62	\$29.99*
<u>AMD Opteron 6220</u>	6785	671	113.11	\$59.99*
<u>AMD Opteron 6234</u>	5938	758	198.27	\$29.95*
<u>AMD Opteron 6238</u>	7673	590	21.32	\$359.89*
<u>AMD Opteron 6272</u>	6748	678	96.42	\$69.99
<u>AMD Opteron 6274</u>	4865	927	108.15	\$44.99
<u>AMD Opteron 6276</u>	8889	472	52.60	\$169.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems
			Android	iOS / iPhone
<u>AMD Opteron 6282 SE</u>	9116	438	<u>14.24</u>	<u>\$640.00</u>
<u>AMD Opteron 6287 SE</u>	9789	376	NA	NA
<u>AMD Opteron 6328</u>	7813	572	<u>13.13</u>	<u>\$595.00</u>
<u>AMD Opteron 6366 HE</u>	7503	603	<u>250.19</u>	<u>\$29.99*</u>
<u>AMD Opteron 6376</u>	9212	429	<u>141.72</u>	<u>\$65.00</u>
<u>AMD Opteron 6378</u>	9094	442	<u>47.87</u>	<u>\$190.00</u>
<u>AMD Opteron 6380</u>	10081	346	<u>170.88</u>	<u>\$59.00</u>
<u>AMD Opteron 6386 SE</u>	10912	293	<u>75.26</u>	<u>\$144.99</u>
<u>AMD Opteron 8354</u>	2255	1641	<u>93.98</u>	<u>\$24.00</u>
<u>AMD Opteron 8439 SE</u>	3813	1140	<u>50.84</u>	<u>\$75.00*</u>
<u>AMD Opteron X2170 APU</u>	3059	1352	NA	NA
<u>AMD Opteron X3216 APU</u>	2366	1595	NA	NA
<u>AMD Opteron X3418 APU</u>	4659	963	NA	NA
<u>AMD Opteron X3421 APU</u>	4866	925	NA	NA
<u>AMD Phenom 2 X4 12000</u>	3005	1368	NA	NA
<u>AMD Phenom 7950 Quad-Core</u>	2991	1373	NA	NA
<u>AMD Phenom 8250 Triple-Core</u>	1668	1913	NA	NA
<u>AMD Phenom 8250e Triple-Core</u>	1635	1933	<u>34.81</u>	<u>\$46.99*</u>
<u>AMD Phenom 8400 Triple-Core</u>	1632	1936	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Phenom 8450 Triple-Core</u>	1889	1801	<u>63.09</u>	<u>\$29.95*</u>
<u>AMD Phenom 8450e Triple-Core</u>	2026	1733	NA	NA
<u>AMD Phenom 8600 Triple-Core</u>	1673	1909	<u>31.57</u>	<u>\$52.99*</u>
<u>AMD Phenom 8600B Triple-Core</u>	1924	1778	<u>36.33</u>	<u>\$52.99*</u>
<u>AMD Phenom 8650 Triple-Core</u>	1986	1747	<u>39.73</u>	<u>\$49.99*</u>
<u>AMD Phenom 8750 Triple-Core</u>	2058	1723	NA	NA
<u>AMD Phenom 8750B Triple-Core</u>	2034	1728	NA	NA
<u>AMD Phenom 8850 Triple-Core</u>	1968	1756	NA	NA
<u>AMD Phenom 8850B Triple-Core</u>	2080	1709	NA	NA
<u>AMD Phenom 9100e Quad-Core</u>	1833	1830	<u>45.89</u>	<u>\$39.95*</u>
<u>AMD Phenom 9150e Quad-Core</u>	2113	1694	<u>52.91</u>	<u>\$39.95*</u>
<u>AMD Phenom 9350e Quad-Core</u>	2320	1605	<u>0.69</u>	<u>\$3,382.07*</u>
<u>AMD Phenom 9450e Quad-Core</u>	2599	1503	<u>24.76</u>	<u>\$105.00*</u>
<u>AMD Phenom 9500 Quad-Core</u>	2203	1662	<u>75.99</u>	<u>\$28.99*</u>

CPU Benchmarks	CPU Name	Passmark CPU	Rank	CPU Value	Price
		Mark (higher is better)			
Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	<u>AMD Phenom 9550 Quad-Core</u>	2544	1528	<u>87.76</u>	<u>\$28.99*</u>
	<u>AMD Phenom 9600 Quad-Core</u>	2303	1615	<u>46.11</u>	<u>\$49.95*</u>
	<u>AMD Phenom 9600B Quad-Core</u>	2573	1516	<u>17.48</u>	<u>\$147.19*</u>
	<u>AMD Phenom 9650 Quad-Core</u>	2635	1493	<u>58.63</u>	<u>\$44.95*</u>
	<u>AMD Phenom 9750 Quad-Core</u>	2810	1439	<u>95.32</u>	<u>\$29.49*</u>
	<u>AMD Phenom 9750B Quad-Core</u>	2709	1473	NA	NA
	<u>AMD Phenom 9850 Quad-Core</u>	2887	1417	<u>24.07</u>	<u>\$119.99*</u>
	<u>AMD Phenom 9850B Quad-Core</u>	3160	1319	NA	NA
	<u>AMD Phenom 9950 Quad-Core</u>	3009	1365	<u>22.29</u>	<u>\$134.99*</u>
	<u>AMD Phenom FX-5000 Quad-Core</u>	2517	1536	NA	NA
	<u>AMD Phenom FX-5200 Quad-Core</u>	2948	1388	NA	NA
	<u>AMD Phenom FX-7750 Quad-Core</u>	3616	1186	NA	NA
	<u>AMD Phenom II 42 TWKR Black Edition</u>	3489	1222	NA	NA
	<u>AMD Phenom II N620 Dual-Core</u>	1684	1903	<u>422.27</u>	<u>\$3.99*</u>
	<u>AMD Phenom II N640 Dual-Core</u>	1721	1875	<u>26.51</u>	<u>\$64.95*</u>
	<u>AMD Phenom II N660 Dual-Core</u>	1844	1820	<u>18.63</u>	<u>\$99.00*</u>
	<u>AMD Phenom II N830 3+1</u>	2652	1487	NA	NA
	<u>AMD Phenom II N830 Triple-Core</u>	1890	1799	NA	NA
	<u>AMD Phenom II N850 Triple-Core</u>	1937	1771	<u>77.51</u>	<u>\$25.00*</u>
	<u>AMD Phenom II N870 Triple-Core</u>	1999	1743	NA	NA
	<u>AMD Phenom II N930 Quad-Core</u>	2274	1629	<u>17.50</u>	<u>\$129.95*</u>
	<u>AMD Phenom II N950 Quad-Core</u>	2485	1553	<u>22.07</u>	<u>\$112.60*</u>
	<u>AMD Phenom II N970 Quad-Core</u>	2515	1538	<u>16.77</u>	<u>\$149.99*</u>
	<u>AMD Phenom II P650 Dual-Core</u>	1579	1961	<u>45.12</u>	<u>\$35.00*</u>
	<u>AMD Phenom II P820 Triple-Core</u>	1602	1951	NA	NA
	<u>AMD Phenom II P840 Triple-Core</u>	1709	1885	NA	NA
	<u>AMD Phenom II P860 Triple-Core</u>	1756	1859	NA	NA
	<u>AMD Phenom II P920 Quad-Core</u>	1866	1809	<u>24.89</u>	<u>\$75.00*</u>
	<u>AMD Phenom II P940 Quad-Core</u>	1831	1831	NA	NA
	<u>AMD Phenom II P960 Quad-Core</u>	2085	1706	<u>74.48</u>	<u>\$28.00*</u>
	<u>AMD Phenom II X2 511</u>	2104	1699	NA	NA
	<u>AMD Phenom II X2 521</u>	2071	1713	NA	NA
	<u>AMD Phenom II X2 545</u>	1918	1782	<u>43.62</u>	<u>\$43.98*</u>
	<u>AMD Phenom II X2 550</u>	2022	1734	<u>40.46</u>	<u>\$49.99*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Phenom II X2 555</u>	2042	1725	<u>72.99</u>	<u>\$27.98*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Phenom II X2 560</u>	2061	1718	<u>31.71</u>	<u>\$64.99*</u>
<u>AMD Phenom II X2 565</u>	2225	1655	<u>74.21</u>	<u>\$29.99*</u>
<u>AMD Phenom II X2 570</u>	2068	1716	NA	NA
<u>AMD Phenom II X2 B53</u>	1709	1886	NA	NA
<u>AMD Phenom II X2 B55</u>	1921	1780	<u>40.02</u>	<u>\$48.00*</u>
<u>AMD Phenom II X2 B57</u>	1823	1834	NA	NA
<u>AMD Phenom II X2 B59</u>	2118	1692	<u>48.11</u>	<u>\$44.04*</u>
<u>AMD Phenom II X3 700e</u>	2242	1648	NA	NA
<u>AMD Phenom II X3 705e</u>	2227	1653	<u>14.63</u>	<u>\$152.34*</u>
<u>AMD Phenom II X3 710</u>	2447	1564	<u>28.96</u>	<u>\$84.53*</u>
<u>AMD Phenom II X3 715</u>	2649	1490	<u>31.17</u>	<u>\$84.99*</u>
<u>AMD Phenom II X3 720</u>	2669	1483	<u>38.14</u>	<u>\$69.99*</u>
<u>AMD Phenom II X3 740</u>	2985	1375	<u>33.55</u>	<u>\$88.99*</u>
<u>AMD Phenom II X3 B73</u>	2735	1466	<u>36.47</u>	<u>\$75.00*</u>
<u>AMD Phenom II X3 B75</u>	2896	1414	<u>72.43</u>	<u>\$39.99*</u>
<u>AMD Phenom II X3 B77</u>	3067	1350	<u>137.64</u>	<u>\$22.29*</u>
<u>AMD Phenom II X4 805</u>	2998	1370	<u>17.23</u>	<u>\$173.99*</u>
<u>AMD Phenom II X4 810</u>	3121	1333	<u>26.91</u>	<u>\$115.99*</u>
<u>AMD Phenom II X4 820</u>	3396	1245	<u>45.31</u>	<u>\$74.95*</u>
<u>AMD Phenom II X4 830</u>	3434	1236	<u>43.47</u>	<u>\$79.00*</u>
<u>AMD Phenom II X4 840</u>	3508	1218	<u>39.00</u>	<u>\$89.95*</u>
<u>AMD Phenom II X4 840T</u>	3597	1192	<u>51.41</u>	<u>\$69.99*</u>
<u>AMD Phenom II X4 850</u>	3549	1202	<u>54.62</u>	<u>\$64.99*</u>
<u>AMD Phenom II X4 900e</u>	2882	1420	NA	NA
<u>AMD Phenom II X4 905e</u>	3080	1346	<u>57.06</u>	<u>\$53.99*</u>
<u>AMD Phenom II X4 910</u>	3247	1284	<u>32.48</u>	<u>\$100.00*</u>
<u>AMD Phenom II X4 910e</u>	3254	1282	<u>20.73</u>	<u>\$156.99*</u>
<u>AMD Phenom II X4 920</u>	3389	1247	<u>42.37</u>	<u>\$79.99*</u>
<u>AMD Phenom II X4 925</u>	3415	1239	<u>77.65</u>	<u>\$43.99*</u>
<u>AMD Phenom II X4 940</u>	3591	1194	<u>60.52</u>	<u>\$59.34*</u>
<u>AMD Phenom II X4 945</u>	3653	1183	<u>53.64</u>	<u>\$68.11*</u>
<u>AMD Phenom II X4 955</u>	3918	1120	<u>30.11</u>	<u>\$130.16*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Phenom II X4 960T</u>	3776	1147	<u>8.05</u>	<u>\$469.00</u>
<u>AMD Phenom II X4 965</u>	4179	1065	<u>24.73</u>	<u>\$169.01*</u>
<u>AMD Phenom II X4 970</u>	4317	1041	<u>29.15</u>	<u>\$148.11*</u>
<u>AMD Phenom II X4 973</u>	3759	1154	NA	NA
<u>AMD Phenom II X4 975</u>	4453	1008	<u>31.88</u>	<u>\$139.69*</u>
<u>AMD Phenom II X4 977</u>	3750	1158	NA	NA
<u>AMD Phenom II X4 980</u>	4490	1002	<u>19.52</u>	<u>\$229.99*</u>
<u>AMD Phenom II X4 8700e</u>	2377	1589	NA	NA
<u>AMD Phenom II X4 B05e</u>	2792	1445	NA	NA
<u>AMD Phenom II X4 B15e</u>	2736	1464	NA	NA
<u>AMD Phenom II X4 B25</u>	3297	1273	NA	NA
<u>AMD Phenom II X4 B35</u>	3383	1251	NA	NA
<u>AMD Phenom II X4 B40</u>	3352	1256	NA	NA
<u>AMD Phenom II X4 B45</u>	3467	1227	NA	NA
<u>AMD Phenom II X4 B50</u>	3697	1170	NA	NA
<u>AMD Phenom II X4 B55</u>	3853	1128	NA	NA
<u>AMD Phenom II X4 B60</u>	4034	1090	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Phenom II X4 B65</u>	4172	1066	NA	NA
<u>AMD Phenom II X4 B70</u>	4261	1049	NA	NA
<u>AMD Phenom II X4 B93</u>	3345	1258	NA	NA
<u>AMD Phenom II X4 B95</u>	3677	1175	<u>50.41</u>	<u>\$72.95*</u>
<u>AMD Phenom II X4 B97</u>	3868	1124	<u>67.87</u>	<u>\$56.99*</u>
<u>AMD Phenom II X4 B99</u>	4126	1075	NA	NA
<u>AMD Phenom II X6 1035T</u>	4665	960	<u>24.68</u>	<u>\$189.00*</u>
<u>AMD Phenom II X6 1045T</u>	4801	942	<u>44.45</u>	<u>\$108.01*</u>
<u>AMD Phenom II X6 1055T</u>	4967	907	<u>61.91</u>	<u>\$80.24*</u>
<u>AMD Phenom II X6 1065T</u>	5034	893	NA	NA
<u>AMD Phenom II X6 1075T</u>	5330	843	<u>47.18</u>	<u>\$112.99*</u>
<u>AMD Phenom II X6 1090T</u>	5563	807	<u>36.12</u>	<u>\$154.04*</u>
<u>AMD Phenom II X6 1100T</u>	5709	786	<u>32.17</u>	<u>\$177.49*</u>
<u>AMD Phenom II X6 1405T</u>	5042	891	NA	NA
<u>AMD Phenom II X620 Dual-Core</u>	2189	1668	NA	NA
<u>AMD Phenom II X640 Dual-Core</u>	2021	1735	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Phenom II X920 Quad-Core</u>	2650	1489	NA	NA
<u>AMD Phenom II X940 Quad-Core</u>	2695	1475	NA	NA
<u>AMD Phenom Ultra X4 24500</u>	3945	1113	NA	NA
<u>AMD Phenom X2 Dual-Core GE-4060</u>	1697	1896	NA	NA
<u>AMD Phenom X2 Dual-Core GE-5560</u>	2206	1661	NA	NA
<u>AMD Phenom X2 Dual-Core GE-7060</u>	1752	1864	NA	NA
<u>AMD Phenom X2 Dual-Core GP-5000</u>	1180	2164	NA	NA
<u>AMD Phenom X2 Dual-Core GP-7730</u>	1435	2024	NA	NA
<u>AMD Phenom X3 8550</u>	1929	1776	<u>11.35</u>	<u>\$169.95*</u>
<u>AMD Phenom X4 Quad-Core GP-9500</u>	1757	1856	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9530</u>	1994	1744	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9600</u>	2235	1651	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9730</u>	2897	1413	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9830</u>	2715	1471	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9930</u>	2690	1477	NA	NA
<u>AMD Phenom X4 Quad-Core GS-5560</u>	1211	2146	NA	NA
<u>AMD PRO A4-3350B APU</u>	2274	1630	NA	NA
<u>AMD PRO A4-8350B</u>	2776	1450	NA	NA
<u>AMD PRO A6-7350B</u>	2759	1457	NA	NA
<u>AMD PRO A6-8500B</u>	2516	1537	NA	NA
<u>AMD PRO A6-8530B</u>	2388	1585	NA	NA
<u>AMD PRO A6-8550B</u>	2970	1381	NA	NA
<u>AMD PRO A6-8570</u>	3049	1358	NA	NA
<u>AMD PRO A6-8570E</u>	2824	1433	NA	NA
<u>AMD PRO A6-9500</u>	2950	1387	<u>39.88</u>	<u>\$74.00*</u>
<u>AMD PRO A6-9500B</u>	2076	1711	NA	NA
<u>AMD PRO A6-9500E</u>	2717	1469	<u>36.73</u>	<u>\$74.00*</u>
<u>AMD PRO A8-8600B</u>	3512	1217	NA	NA
<u>AMD PRO A8-8650B</u>	5250	854	NA	NA
<u>AMD PRO A8-8670E</u>	5015	898	NA	NA
<u>AMD PRO A8-9600</u>	5277	849	<u>44.35</u>	<u>\$119.00*</u>
<u>AMD PRO A8-9600B</u>	3964	1106	NA	NA
<u>AMD PRO A10-8700B</u>	3562	1201	NA	NA
CPU Name	Passmark CPU Mark	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Video Card Benchmarks					
Hard Drive Benchmarks					
RAM					
PC Systems					
Android					
iOS / iPhone					
	<u>AMD PRO A10-8730B</u>	3971	1103	NA	NA
	<u>AMD PRO A10-8750B</u>	5473	816	NA	NA
	<u>AMD PRO A10-8770</u>	5707	787	NA	NA
	<u>AMD PRO A10-8770E</u>	5035	892	NA	NA
	<u>AMD PRO A10-8850B</u>	5852	767	NA	NA
	<u>AMD PRO A10-9700</u>	5677	789	<u>33.59</u>	<u>\$169.00*</u>
	<u>AMD PRO A10-9700B</u>	4380	1023	NA	NA
	<u>AMD PRO A10-9700E</u>	5066	884	<u>36.45</u>	<u>\$139.00*</u>
	<u>AMD PRO A12-8800B</u>	4111	1077	NA	NA
	<u>AMD PRO A12-8830B</u>	4259	1051	NA	NA
	<u>AMD PRO A12-8870</u>	6067	750	NA	NA
	<u>AMD PRO A12-8870E</u>	5186	866	NA	NA
	<u>AMD PRO A12-9800</u>	6132	739	<u>36.29</u>	<u>\$169.00*</u>
	<u>AMD PRO A12-9800B</u>	4089	1082	NA	NA
	<u>AMD PRO A12-9800E</u>	4769	947	<u>28.22</u>	<u>\$169.00*</u>
	<u>AMD QC-4000</u>	1663	1920	NA	NA
	<u>AMD R-260H APU</u>	1576	1962	NA	NA
	<u>AMD R-460L APU</u>	1954	1762	NA	NA
	<u>AMD R-464L APU</u>	3117	1335	NA	NA
	<u>AMD RX-427BB</u>	4364	1028	NA	NA
	<u>AMD Ryzen 3 1200</u>	6787	670	<u>113.52</u>	<u>\$59.79</u>
	<u>AMD Ryzen 3 1300X</u>	7548	601	<u>58.05</u>	<u>\$130.04</u>
	<u>AMD Ryzen 3 2200G</u>	7322	622	<u>91.63</u>	<u>\$79.91</u>
	<u>AMD Ryzen 3 2200GE</u>	6976	653	NA	NA
	<u>AMD Ryzen 3 2200U</u>	4585	983	NA	NA
	<u>AMD Ryzen 3 2300U</u>	6096	744	NA	NA
	<u>AMD Ryzen 3 2300X</u>	8397	514	NA	NA
	<u>AMD Ryzen 3 3200G</u>	7781	575	<u>81.92</u>	<u>\$94.99</u>
	<u>AMD Ryzen 3 3200U</u>	4792	943	NA	NA
	<u>AMD Ryzen 3 3300U</u>	6143	737	NA	NA
	<u>AMD Ryzen 3 PRO 1200</u>	7075	643	NA	NA
	<u>AMD Ryzen 3 PRO 1300</u>	8022	549	NA	NA
	<u>AMD Ryzen 3 PRO 2100GE</u>	5113	874	NA	NA
	<u>AMD Ryzen 3 PRO 2200G</u>	8045	543	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Ryzen 3 PRO 2200GE</u>	7613	596	NA	NA
<u>AMD Ryzen 3 PRO 2300U</u>	7092	641	NA	NA
<u>AMD Ryzen 3 PRO 3200GE</u>	8147	534	NA	NA
<u>AMD Ryzen 3 PRO 3300U</u>	6888	665	NA	NA
<u>AMD Ryzen 5 1400</u>	8367	516	<u>59.13</u>	<u>\$141.51</u>
<u>AMD Ryzen 5 1500X</u>	10115	344	<u>72.63</u>	<u>\$139.27</u>
<u>AMD Ryzen 5 1600</u>	12279	246	<u>116.94</u>	<u>\$105.00</u>
<u>AMD Ryzen 5 1600X</u>	13197	220	<u>89.79</u>	<u>\$146.99</u>
<u>AMD Ryzen 5 2400G</u>	9324	418	<u>78.69</u>	<u>\$118.50</u>
<u>AMD Ryzen 5 2400GE</u>	8875	473	NA	NA
<u>AMD Ryzen 5 2500U</u>	7358	619	NA	NA
<u>AMD Ryzen 5 2500X</u>	9626	392	NA	NA
<u>AMD Ryzen 5 2600</u>	13525	210	<u>104.60</u>	<u>\$129.30</u>
<u>AMD Ryzen 5 2600H</u>	8366	517	NA	NA
<u>AMD Ryzen 5 2600X</u>	14365	183	<u>91.21</u>	<u>\$157.50</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Ryzen 5 3400G</u>	9984	357	<u>71.32</u>	<u>\$139.99</u>
<u>AMD Ryzen 5 3500U</u>	7964	558	NA	NA
<u>AMD Ryzen 5 3550H</u>	8451	506	NA	NA
<u>AMD Ryzen 5 3600</u>	19937	70	<u>102.30</u>	<u>\$194.89</u>
<u>AMD Ryzen 5 3600X</u>	20481	63	<u>83.94</u>	<u>\$243.99</u>
<u>AMD Ryzen 5 PRO 1500</u>	10133	342	NA	NA
<u>AMD Ryzen 5 PRO 1600</u>	12213	251	NA	NA
<u>AMD Ryzen 5 PRO 2400G</u>	10011	350	NA	NA
<u>AMD Ryzen 5 PRO 2400GE</u>	8512	502	NA	NA
<u>AMD Ryzen 5 PRO 2500U</u>	8213	526	NA	NA
<u>AMD Ryzen 5 PRO 2600</u>	14221	188	NA	NA
<u>AMD Ryzen 5 PRO 3500U</u>	8437	511	NA	NA
<u>AMD Ryzen 5 PRO 3600</u>	21037	60	NA	NA
<u>AMD Ryzen 7 1700</u>	13924	193	<u>60.60</u>	<u>\$229.79</u>
<u>AMD Ryzen 7 1700X</u>	14811	171	<u>90.34</u>	<u>\$163.95</u>
<u>AMD Ryzen 7 1800X</u>	15536	153	<u>53.57</u>	<u>\$289.99</u>
<u>AMD Ryzen 7 2700</u>	15085	163	<u>86.21</u>	<u>\$174.99</u>
<u>AMD Ryzen 7 2700F</u>	13410	218	NA	NA

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Passmark CPU Mark (higher is better)	RAM	Rank (lower is better)	PC Systems	CPU Value (higher is better)	Android	Price (USD)	iOS / iPhone
			<u>AMD Ryzen 7 2700U</u>	7407	615		NA		NA	
			<u>AMD Ryzen 7 2700X</u>	16980	115		<u>85.76</u>		<u>\$197.99</u>	
			<u>AMD Ryzen 7 2800H</u>	8498	504		NA		NA	
			<u>AMD Ryzen 7 3700U</u>	8077	540		NA		NA	
			<u>AMD Ryzen 7 3700X</u>	23897	33		<u>72.64</u>		<u>\$329.00</u>	
			<u>AMD Ryzen 7 3750H</u>	9051	450		NA		NA	
			<u>AMD Ryzen 7 3800X</u>	24588	26		<u>62.09</u>		<u>\$396.00</u>	
			<u>AMD Ryzen 7 PRO 1700</u>	14112	189		NA		NA	
			<u>AMD Ryzen 7 PRO 1700X</u>	15324	158		NA		NA	
			<u>AMD Ryzen 7 PRO 2700</u>	15406	157		NA		NA	
			<u>AMD Ryzen 7 PRO 2700U</u>	8850	476		NA		NA	
			<u>AMD Ryzen 7 PRO 2700X</u>	17161	112		NA		NA	
			<u>AMD Ryzen 7 PRO 3700U</u>	8542	501		NA		NA	
			<u>AMD Ryzen 9 3900X</u>	31891	4		<u>45.56</u>		<u>\$699.99</u>	
			<u>AMD Ryzen Embedded R1505G</u>	4889	921		NA		NA	
			<u>AMD Ryzen Embedded V1202B</u>	4368	1025		NA		NA	
			<u>AMD Ryzen Embedded V1605B</u>	7009	648		NA		NA	
			<u>AMD Ryzen Embedded V1807B</u>	8604	497		NA		NA	
			<u>AMD Ryzen Threadripper 1900X</u>	16127	139		<u>76.80</u>		<u>\$209.99</u>	
			<u>AMD Ryzen Threadripper 1920X</u>	19967	69		<u>99.43</u>		<u>\$200.81</u>	
			<u>AMD Ryzen Threadripper 1950X</u>	21947	46		<u>52.26</u>		<u>\$419.99</u>	
			<u>AMD Ryzen Threadripper 2920X</u>	22172	44		<u>57.83</u>		<u>\$383.39</u>	
			<u>AMD Ryzen Threadripper 2950X</u>	25451	19		<u>39.28</u>		<u>\$648.00</u>	
			<u>AMD Ryzen Threadripper 2970WX</u>	21620	51		<u>23.12</u>		<u>\$934.99</u>	
			<u>AMD Ryzen Threadripper 2990WX</u>	23171	38		<u>13.63</u>		<u>\$1,699.99</u>	
			<u>AMD Ryzen Threadripper 2990X</u>	19227	86		NA		NA	
			<u>AMD Sempron 130</u>	700	2431		<u>28.03</u>		<u>\$24.99*</u>	
			<u>AMD Sempron 140</u>	738	2413		<u>18.64</u>		<u>\$39.59*</u>	
			<u>AMD Sempron 145</u>	808	2384		<u>8.52</u>		<u>\$94.92</u>	
			<u>AMD Sempron 150</u>	747	2407		<u>16.64</u>		<u>\$44.95*</u>	
			<u>AMD Sempron 200U</u>	267	2816		<u>3.08</u>		<u>\$87.00*</u>	
CPU Name			Passmark CPU Mark (higher is better)		Rank (lower is better)		CPU Value (higher is better)		Price (USD)	
			<u>AMD Sempron 210U</u>	391	2663		NA		NA	
			<u>AMD Sempron 240</u>	2110	1697		<u>36.39</u>		<u>\$58.00</u>	

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD) iOS / iPhone
Video Card Benchmarks					
Hard Drive Benchmarks					
RAM					
PC Systems					
Android					
	<u>AMD Sempron 2100+</u>	392	2661	NA	NA
	<u>AMD Sempron 2200+</u>	282	2796	9.42	\$29.99*
	<u>AMD Sempron 2300+</u>	318	2737	7.07	\$45.00*
	<u>AMD Sempron 2400+</u>	314	2744	12.10	\$26.00*
	<u>AMD Sempron 2500+</u>	335	2719	6.11	\$54.95*
	<u>AMD Sempron 2600+</u>	374	2675	10.71	\$34.95
	<u>AMD Sempron 2650 APU</u>	951	2305	17.72	\$53.68
	<u>AMD Sempron 2800+</u>	383	2667	6.40	\$59.95
	<u>AMD Sempron 3000+</u>	408	2634	20.41	\$20.00
	<u>AMD Sempron 3100+</u>	452	2587	7.53	\$60.00*
	<u>AMD Sempron 3200+</u>	406	2635	3.10	\$131.22*
	<u>AMD Sempron 3300+</u>	484	2556	8.07	\$60.00
	<u>AMD Sempron 3400+</u>	454	2585	15.21	\$29.89
	<u>AMD Sempron 3500+</u>	379	2670	18.98	\$20.00*
	<u>AMD Sempron 3600+</u>	483	2558	40.30	\$12.00*
	<u>AMD Sempron 3800+</u>	554	2503	3.62	\$152.92*
	<u>AMD Sempron 3850 APU</u>	1715	1880	23.54	\$72.90
	<u>AMD Sempron Dual Core 2100</u>	936	2318	24.02	\$39.00*
	<u>AMD Sempron Dual Core 2200</u>	995	2274	NA	NA
	<u>AMD Sempron Dual Core 2300</u>	982	2282	23.39	\$41.99*
	<u>AMD Sempron Dual Core 4700</u>	948	2308	NA	NA
	<u>AMD Sempron Dual Core 4900</u>	1081	2225	NA	NA
	<u>AMD Sempron LE-250</u>	490	2545	NA	NA
	<u>AMD Sempron LE-1100</u>	438	2604	NA	NA
	<u>AMD Sempron LE-1150</u>	444	2595	NA	NA
	<u>AMD Sempron LE-1200</u>	527	2517	NA	NA
	<u>AMD Sempron LE-1250</u>	543	2508	5.44	\$99.95*
	<u>AMD Sempron LE-1300</u>	598	2479	28.51	\$21.00
	<u>AMD Sempron LE-1600</u>	535	2513	NA	NA
	<u>AMD Sempron LE-1620</u>	635	2461	NA	NA
	<u>AMD Sempron LE-1640</u>	759	2402	NA	NA
	<u>AMD Sempron M100</u>	566	2499	47.17	\$12.00*
	<u>AMD Sempron M120</u>	582	2488	NA	NA
	<u>AMD Sempron SI-40</u>	443	2597	36.93	\$12.00*

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Sempron SI-42</u>	456	2584	<u>15.22</u>	<u>\$30.01*</u>
<u>AMD Sempron X2 180</u>	1391	2041	<u>20.05</u>	<u>\$69.40*</u>
<u>AMD Sempron X2 190</u>	1534	1979	<u>18.39</u>	<u>\$83.44*</u>
<u>AMD Sempron X2 198 Dual-Core</u>	1413	2035	NA	NA
<u>AMD Turion 64 Mobile MK-36</u>	465	2571	NA	NA
<u>AMD Turion 64 Mobile MK-38</u>	513	2529	NA	NA
<u>AMD Turion 64 Mobile ML-28</u>	390	2664	NA	NA
<u>AMD Turion 64 Mobile ML-30</u>	402	2645	NA	NA
<u>AMD Turion 64 Mobile ML-32</u>	402	2643	NA	NA
<u>AMD Turion 64 Mobile ML-34</u>	425	2619	NA	NA
<u>AMD Turion 64 Mobile ML-37</u>	442	2598	<u>2.25</u>	<u>\$196.50*</u>
<u>AMD Turion 64 Mobile ML-40</u>	522	2523	NA	NA
<u>AMD Turion 64 Mobile ML-42</u>	615	2470	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Turion 64 Mobile ML-44</u>	591	2481	NA	NA
<u>AMD Turion 64 Mobile MT-28</u>	419	2621	NA	NA
<u>AMD Turion 64 Mobile MT-30</u>	378	2671	NA	NA
<u>AMD Turion 64 Mobile MT-32</u>	426	2618	NA	NA
<u>AMD Turion 64 Mobile MT-34</u>	429	2614	NA	NA
<u>AMD Turion 64 Mobile MT-37</u>	484	2555	NA	NA
<u>AMD Turion 64 Mobile MT-40</u>	536	2512	NA	NA
<u>AMD Turion 64 X2 Mobile TL-50</u>	747	2409	<u>14.95</u>	<u>\$49.99*</u>
<u>AMD Turion 64 X2 Mobile TL-52</u>	763	2398	NA	NA
<u>AMD Turion 64 X2 Mobile TL-56</u>	891	2343	<u>63.89</u>	<u>\$13.95*</u>
<u>AMD Turion 64 X2 Mobile TL-58</u>	947	2312	NA	NA
<u>AMD Turion 64 X2 Mobile TL-60</u>	996	2273	<u>62.48</u>	<u>\$15.95*</u>
<u>AMD Turion 64 X2 Mobile TL-62</u>	1087	2217	<u>3.50</u>	<u>\$311.00*</u>
<u>AMD Turion 64 X2 Mobile TL-64</u>	1090	2216	<u>27.69</u>	<u>\$39.39*</u>
<u>AMD Turion 64 X2 Mobile TL-66</u>	1141	2190	<u>3.02</u>	<u>\$378.00*</u>
<u>AMD Turion 64 X2 Mobile TL-68</u>	1162	2178	<u>12.92</u>	<u>\$90.00*</u>
<u>AMD Turion Dual-Core RM-70</u>	912	2334	<u>36.49</u>	<u>\$25.00*</u>
<u>AMD Turion Dual-Core RM-72</u>	860	2353	<u>21.52</u>	<u>\$39.99*</u>
<u>AMD Turion Dual-Core RM-74</u>	1016	2257	NA	NA
<u>AMD Turion Dual-Core RM-75</u>	1003	2267	<u>36.53</u>	<u>\$27.46*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Turion II Dual-Core Mobile M500</u>	1293	2096	NA	NA
<u>AMD Turion II Dual-Core Mobile M520</u>	1306	2089	18.91	\$69.10*
<u>AMD Turion II Dual-Core Mobile M540</u>	1338	2074	NA	NA
<u>AMD Turion II N530 Dual-Core</u>	1583	1960	52.78	\$30.00*
<u>AMD Turion II N550 Dual-Core</u>	1521	1982	NA	NA
<u>AMD Turion II Neo K625 Dual-Core</u>	977	2284	NA	NA
<u>AMD Turion II Neo K685 Dual-Core</u>	1186	2162	NA	NA
<u>AMD Turion II Neo N40L Dual-Core</u>	928	2322	NA	NA
<u>AMD Turion II Neo N54L Dual-Core</u>	1364	2057	NA	NA
<u>AMD Turion II P520 Dual-Core</u>	1360	2061	NA	NA
<u>AMD Turion II P540 Dual-Core</u>	1431	2028	28.66	\$49.95*
<u>AMD Turion II P560 Dual-Core</u>	1515	1989	NA	NA
<u>AMD Turion II Ultra Dual-Core Mobile M600</u>	1406	2036	52.55	\$26.76*
<u>AMD Turion II Ultra Dual-Core Mobile M620</u>	1435	2025	NA	NA
<u>AMD Turion II Ultra Dual-Core Mobile M640</u>	1670	1911	NA	NA
<u>AMD Turion II Ultra Dual-Core Mobile M660</u>	1533	1980	NA	NA
<u>AMD Turion Neo X2 Dual Core L625</u>	813	2380	NA	NA
<u>AMD Turion X2 Dual Core L510</u>	923	2327	NA	NA
<u>AMD Turion X2 Dual Core Mobile RM-70</u>	858	2355	6.48	\$132.56*
<u>AMD Turion X2 Dual Core Mobile RM-76</u>	1059	2234	NA	NA
<u>AMD Turion X2 Dual-Core Mobile RM-70</u>	991	2278	NA	NA
<u>AMD Turion X2 Dual-Core Mobile RM-72</u>	1085	2221	4.84	\$224.26*
<u>AMD Turion X2 Dual-Core Mobile RM-74</u>	1059	2233	43.31	\$24.47*
<u>AMD Turion X2 Dual-Core Mobile RM-75</u>	1120	2195	NA	NA
<u>AMD Turion X2 Dual-Core Mobile RM-77</u>	1149	2185	NA	NA
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-80</u>	1023	2251	16.51	\$62.00*
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-82</u>	1084	2223	NA	NA
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-84</u>	1209	2148	63.72	\$18.99*
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-85</u>	1234	2136	27.43	\$45.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-86</u>	1295	2095	23.56	\$55.00*

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-87</u>	1205	2151	30.18	\$39.95*
<u>AMD TurionX2 Dual Core Mobile RM-70</u>	997	2272	NA	NA
<u>AMD TurionX2 Dual Core Mobile RM-72</u>	1026	2248	NA	NA
<u>AMD TurionX2 Ultra DualCore Mobile ZM-85</u>	1454	2016	NA	NA
<u>AMD V105</u>	299	2764	NA	NA
<u>AMD V120</u>	623	2468	NA	NA
<u>AMD V140</u>	643	2458	12.89	\$49.95*
<u>AMD V160</u>	677	2443	NA	NA
<u>AMD Z-01</u>	523	2522	NA	NA
<u>AMD Z-60 APU</u>	500	2540	NA	NA
<u>AMD-K6 3D</u>	90	2940	NA	NA
<u>AMD-K6-III</u>	108	2937	NA	NA
<u>AMD-K7</u>	403	2642	NA	NA
<u>Athlon 64 Dual Core 3800+</u>	1234	2137	NA	NA
<u>Athlon 64 Dual Core 4200+</u>	1156	2182	5.64	\$204.95*
<u>Athlon 64 Dual Core 4800+</u>	1370	2054	NA	NA
<u>Athlon 64 Dual Core 5000+</u>	1507	1994	NA	NA
<u>Athlon 64 Dual Core 5400+</u>	1614	1944	NA	NA
<u>Athlon 64 Dual Core 5600+</u>	1548	1971	NA	NA
<u>Athlon Dual Core 4050e</u>	968	2291	NA	NA
<u>Athlon Dual Core 4450e</u>	1204	2152	NA	NA
<u>Athlon Dual Core 4850e</u>	1346	2068	NA	NA
<u>Celeron Dual-Core Q8300 @ 2.50GHz</u>	2837	1427	NA	NA
<u>Celeron Dual-Core T3000 @ 1.80GHz</u>	1086	2220	NA	NA
<u>Celeron Dual-Core T3100 @ 1.90GHz</u>	1172	2170	34.49	\$33.99
<u>Celeron Dual-Core T3300 @ 2.00GHz</u>	1201	2155	NA	NA
<u>Celeron Dual-Core T3500 @ 2.10GHz</u>	1275	2114	NA	NA
<u>Dual-Core AMD Opteron 1220 SE</u>	1206	2150	NA	NA
<u>HP Hexa-Core 2.0GHz</u>	2178	1669	4.32	\$504.27*
<u>Intel 2.80GHz</u>	525	2520	NA	NA
<u>Intel 1300 @ 1.66GHz</u>	857	2357	NA	NA
<u>Intel 1400 @ 1.83GHz</u>	980	2283	NA	NA
<u>Intel 1500 @ 2.00GHz</u>	1024	2249	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Atom 230 @ 1.60GHz</u>	307	2751	NA	NA
<u>Intel Atom 330 @ 1.60GHz</u>	587	2485	NA	NA
<u>Intel Atom C2338 @ 1.74GHz</u>	898	2342	NA	NA
<u>Intel Atom C2358 @ 1.74GHz</u>	961	2298	NA	NA
<u>Intel Atom C2538 @ 2.40GHz</u>	2085	1707	<u>20.05</u>	<u>\$104.00*</u>
<u>Intel Atom C2550 @ 2.40GHz</u>	2261	1637	NA	NA
<u>Intel Atom C2558 @ 2.40GHz</u>	2169	1674	<u>15.95</u>	<u>\$136.00*</u>
<u>Intel Atom C2750 @ 2.40GHz</u>	3768	1149	<u>16.24</u>	<u>\$232.00*</u>
<u>Intel Atom C2750 @ 2.41GHz</u>	3344	1259	NA	NA
<u>Intel Atom C2758 @ 2.40GHz</u>	3162	1317	<u>14.72</u>	<u>\$214.86*</u>
<u>Intel Atom C3538 @ 2.10GHz</u>	2455	1561	<u>32.73</u>	<u>\$75.00*</u>
<u>Intel Atom C3558 @ 2.20GHz</u>	2538	1529	<u>29.52</u>	<u>\$86.00*</u>
<u>Intel Atom C3858 @ 2.00GHz</u>	4852	931	<u>14.62</u>	<u>\$332.00*</u>
<u>Intel Atom C3958 @ 2.00GHz</u>	6586	695	<u>14.67</u>	<u>\$449.00*</u>
<u>Intel Atom D410 @ 1.66GHz</u>	301	2760	<u>0.47</u>	<u>\$635.99*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Atom D425 @ 1.80GHz</u>	345	2712	<u>0.35</u>	<u>\$992.98*</u>
<u>Intel Atom D510 @ 1.66GHz</u>	658	2451	<u>6.78</u>	<u>\$97.16*</u>
<u>Intel Atom D525 @ 1.80GHz</u>	706	2426	NA	NA
<u>Intel Atom D2500 @ 1.86GHz</u>	403	2640	NA	NA
<u>Intel Atom D2550 @ 1.86GHz</u>	680	2441	NA	NA
<u>Intel Atom D2560 @ 2.00GHz</u>	711	2423	NA	NA
<u>Intel Atom D2700 @ 2.13GHz</u>	839	2365	NA	NA
<u>Intel Atom D2701 @ 2.13GHz</u>	720	2420	NA	NA
<u>Intel Atom E660 @ 1.30GHz</u>	271	2812	<u>5.03</u>	<u>\$54.00*</u>
<u>Intel Atom E680 @ 1.60GHz</u>	346	2709	NA	NA
<u>Intel Atom E3815 @ 1.46GHz</u>	331	2725	<u>1.36</u>	<u>\$242.76</u>
<u>Intel Atom E3825 @ 1.33GHz</u>	579	2490	<u>8.24</u>	<u>\$70.32*</u>
<u>Intel Atom E3826 @ 1.46GHz</u>	489	2546	NA	NA
<u>Intel Atom E3827 @ 1.74GHz</u>	849	2361	NA	NA
<u>Intel Atom E3840 @ 1.91GHz</u>	1162	2179	NA	NA
<u>Intel Atom E3845 @ 1.91GHz</u>	1504	1996	NA	NA
<u>Intel Atom E3940 @ 1.60GHz</u>	1867	1808	NA	NA
<u>Intel Atom E3950 @ 1.60GHz</u>	1876	1804	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Atom K510 @ 1.66GHz</u>	658	2450	NA	NA
<u>Intel Atom N270 @ 1.60GHz</u>	270	2815	NA	NA
<u>Intel Atom N280 @ 1.66GHz</u>	282	2794	NA	NA
<u>Intel Atom N435 @ 1.33GHz</u>	261	2823	NA	NA
<u>Intel Atom N450 @ 1.66GHz</u>	296	2769	NA	NA
<u>Intel Atom N455 @ 1.66GHz</u>	283	2792	NA	NA
<u>Intel Atom N470 @ 1.83GHz</u>	318	2736	NA	NA
<u>Intel Atom N475 @ 1.83GHz</u>	314	2742	NA	NA
<u>Intel Atom N550 @ 1.50GHz</u>	524	2521	<u>6.10</u>	<u>\$86.00*</u>
<u>Intel Atom N570 @ 1.66GHz</u>	573	2495	<u>6.66</u>	<u>\$86.00*</u>
<u>Intel Atom N2100 @ 1.60GHz</u>	302	2756	NA	NA
<u>Intel Atom N2600 @ 1.60GHz</u>	526	2518	NA	NA
<u>Intel Atom N2800 @ 1.86GHz</u>	625	2466	NA	NA
<u>Intel Atom S1260 @ 2.00GHz</u>	916	2330	<u>14.32</u>	<u>\$64.00*</u>
<u>Intel Atom T5700 @ 1.70GHz</u>	2039	1726	NA	NA
<u>Intel Atom x5-E3930 @ 1.30GHz</u>	811	2381	NA	NA
<u>Intel Atom x5-E8000 @ 1.04GHz</u>	1601	1952	NA	NA
<u>Intel Atom x5-Z8300 @ 1.44GHz</u>	1191	2159	<u>8.96</u>	<u>\$132.99*</u>
<u>Intel Atom x5-Z8330 @ 1.44GHz</u>	1015	2258	NA	NA
<u>Intel Atom x5-Z8350 @ 1.44GHz</u>	1274	2115	<u>60.68</u>	<u>\$21.00*</u>
<u>Intel Atom x5-Z8500 @ 1.44GHz</u>	1696	1897	<u>27.11</u>	<u>\$62.57*</u>
<u>Intel Atom x5-Z8550 @ 1.44GHz</u>	1833	1829	NA	NA
<u>Intel Atom x7-Z8700 @ 1.60GHz</u>	1893	1796	<u>25.71</u>	<u>\$73.63*</u>
<u>Intel Atom x7-Z8750 @ 1.60GHz</u>	1894	1794	NA	NA
<u>Intel Atom Z510 @ 1.10GHz</u>	194	2891	<u>4.33</u>	<u>\$45.00*</u>
<u>Intel Atom Z515 @ 1.20GHz</u>	218	2867	NA	NA
<u>Intel Atom Z520 @ 1.33GHz</u>	217	2868	NA	NA
<u>Intel Atom Z530 @ 1.60GHz</u>	281	2800	NA	NA
<u>Intel Atom Z540 @ 1.86GHz</u>	348	2706	NA	NA
<u>Intel Atom Z550 @ 2.00GHz</u>	381	2668	NA	NA
<u>Intel Atom Z670 @ 1.50GHz</u>	243	2847	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Atom Z2760 @ 1.80GHz</u>	568	2498	NA	NA
<u>Intel Atom Z3735D @ 1.33GHz</u>	937	2316	NA	NA

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Passmark CPU Mark (higher is better)	RAM	Rank (lower is better) PC Systems	CPU Value (higher is better) Android	Price (USD) iOS / iPhone
			<u>Intel Atom Z3735E @ 1.33GHz</u>	948	2310	<u>8.10</u>	<u>\$117.00*</u>
			<u>Intel Atom Z3735F @ 1.33GHz</u>	914	2331	<u>5.04</u>	<u>\$181.30*</u>
			<u>Intel Atom Z3735G @ 1.33GHz</u>	906	2338	NA	NA
			<u>Intel Atom Z3736F @ 1.33GHz</u>	913	2332	NA	NA
			<u>Intel Atom Z3740 @ 1.33GHz</u>	1068	2230	NA	NA
			<u>Intel Atom Z3740D @ 1.33GHz</u>	1011	2260	NA	NA
			<u>Intel Atom Z3745 @ 1.33GHz</u>	1079	2228	<u>35.98</u>	<u>\$30.00*</u>
			<u>Intel Atom Z3745D @ 1.33GHz</u>	1018	2256	NA	NA
			<u>Intel Atom Z3770 @ 1.46GHz</u>	1252	2127	<u>8.38</u>	<u>\$149.44*</u>
			<u>Intel Atom Z3770D @ 1.49GHz</u>	805	2385	NA	NA
			<u>Intel Atom Z3775 @ 1.46GHz</u>	1277	2113	<u>36.49</u>	<u>\$35.00*</u>
			<u>Intel Atom Z3775D @ 1.49GHz</u>	1278	2111	NA	NA
			<u>Intel Atom Z3795 @ 1.60GHz</u>	1804	1842	NA	NA
			<u>Intel Celeron 1.70GHz</u>	130	2930	NA	NA
			<u>Intel Celeron 1.80GHz</u>	136	2927	NA	NA
			<u>Intel Celeron 2.00GHz</u>	182	2903	NA	NA
			<u>Intel Celeron 2.10GHz</u>	244	2845	NA	NA
			<u>Intel Celeron 2.13GHz</u>	208	2878	NA	NA
			<u>Intel Celeron 2.20GHz</u>	213	2873	NA	NA
			<u>Intel Celeron 2.26GHz</u>	223	2862	NA	NA
			<u>Intel Celeron 2.30GHz</u>	227	2859	NA	NA
			<u>Intel Celeron 2.40GHz</u>	217	2869	NA	NA
			<u>Intel Celeron 2.50GHz</u>	247	2839	NA	NA
			<u>Intel Celeron 2.53GHz</u>	245	2843	NA	NA
			<u>Intel Celeron 2.60GHz</u>	238	2849	NA	NA
			<u>Intel Celeron 2.66GHz</u>	249	2837	NA	NA
			<u>Intel Celeron 2.70GHz</u>	245	2844	NA	NA
			<u>Intel Celeron 2.80GHz</u>	254	2829	NA	NA
			<u>Intel Celeron 2.93GHz</u>	283	2791	NA	NA
			<u>Intel Celeron 3.06GHz</u>	284	2788	NA	NA
			<u>Intel Celeron 3.20GHz</u>	288	2781	NA	NA
			<u>Intel Celeron 3.33GHz</u>	333	2723	NA	NA
			<u>Intel Celeron 215 @ 1.33GHz</u>	322	2731	NA	NA
			<u>Intel Celeron 220 @ 1.20GHz</u>	320	2733	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Celeron 420 @ 1.60GHz</u>	450	2589	<u>11.27</u>	<u>\$39.99*</u>
<u>Intel Celeron 430 @ 1.80GHz</u>	487	2549	<u>10.32</u>	<u>\$47.18</u>
<u>Intel Celeron 440 @ 2.00GHz</u>	544	2506	<u>24.38</u>	<u>\$22.33</u>
<u>Intel Celeron 450 @ 2.20GHz</u>	625	2467	<u>20.86</u>	<u>\$29.99*</u>
<u>Intel Celeron 530 @ 1.73GHz</u>	474	2565	<u>20.62</u>	<u>\$22.99*</u>
<u>Intel Celeron 540 @ 1.86GHz</u>	521	2524	NA	NA
<u>Intel Celeron 550 @ 2.00GHz</u>	517	2526	<u>7.96</u>	<u>\$64.95</u>
<u>Intel Celeron 560 @ 2.13GHz</u>	531	2515	<u>6.65</u>	<u>\$79.95</u>
<u>Intel Celeron 570 @ 2.26GHz</u>	517	2525	NA	NA
<u>Intel Celeron 600MHz</u>	147	2923	NA	NA
<u>Intel Celeron 723 @ 1.20GHz</u>	405	2638	NA	NA
<u>Intel Celeron 743 @ 1.30GHz</u>	418	2622	NA	NA
<u>Intel Celeron 807 @ 1.50GHz</u>	751	2406	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Celeron 807UE @ 1.00GHz</u>	369	2684	NA	NA
<u>Intel Celeron 827E @ 1.40GHz</u>	613	2471	NA	NA
<u>Intel Celeron 847 @ 1.10GHz</u>	935	2319	<u>2.97</u>	<u>\$315.00*</u>
<u>Intel Celeron 847E @ 1.10GHz</u>	1021	2253	NA	NA
<u>Intel Celeron 857 @ 1.20GHz</u>	1146	2188	NA	NA
<u>Intel Celeron 867 @ 1.30GHz</u>	1173	2169	<u>39.12</u>	<u>\$29.99*</u>
<u>Intel Celeron 877 @ 1.40GHz</u>	1290	2099	NA	NA
<u>Intel Celeron 887 @ 1.50GHz</u>	1280	2109	NA	NA
<u>Intel Celeron 900 @ 2.20GHz</u>	676	2444	<u>23.32</u>	<u>\$28.99</u>
<u>Intel Celeron 925 @ 2.30GHz</u>	691	2436	NA	NA
<u>Intel Celeron 1000M @ 1.80GHz</u>	1675	1907	NA	NA
<u>Intel Celeron 1000MHz</u>	213	2872	NA	NA
<u>Intel Celeron 1005M @ 1.90GHz</u>	1811	1837	NA	NA
<u>Intel Celeron 1007U @ 1.50GHz</u>	1389	2043	<u>7.51</u>	<u>\$184.99*</u>
<u>Intel Celeron 1017U @ 1.60GHz</u>	1513	1992	NA	NA
<u>Intel Celeron 1019Y @ 1.00GHz</u>	946	2313	NA	NA
<u>Intel Celeron 1020E @ 2.20GHz</u>	2232	1652	NA	NA
<u>Intel Celeron 1037U @ 1.80GHz</u>	1737	1871	NA	NA
<u>Intel Celeron 1047UE @ 1.40GHz</u>	1188	2160	NA	NA
<u>Intel Celeron 1066MHz</u>	259	2825	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Celeron 1100MHz</u>	174	2909	NA	NA
<u>Intel Celeron 1133MHz</u>	282	2793	NA	NA
<u>Intel Celeron 1200MHz</u>	244	2846	NA	NA
<u>Intel Celeron 1300MHz</u>	288	2783	NA	NA
<u>Intel Celeron 1333MHz</u>	290	2777	NA	NA
<u>Intel Celeron 1400MHz</u>	302	2757	NA	NA
<u>Intel Celeron 2000E @ 2.20GHz</u>	2365	1596	NA	NA
<u>Intel Celeron 2002E @ 1.50GHz</u>	1605	1947	<u>18.67</u>	<u>\$86.00*</u>
<u>Intel Celeron 2950M @ 2.00GHz</u>	1984	1748	NA	NA
<u>Intel Celeron 2955U @ 1.40GHz</u>	1417	2032	NA	NA
<u>Intel Celeron 2957U @ 1.40GHz</u>	1434	2026	NA	NA
<u>Intel Celeron 2961Y @ 1.10GHz</u>	1110	2203	NA	NA
<u>Intel Celeron 2970M @ 2.20GHz</u>	2312	1610	NA	NA
<u>Intel Celeron 2980U @ 1.60GHz</u>	1593	1958	NA	NA
<u>Intel Celeron 2981U @ 1.60GHz</u>	1364	2058	NA	NA
<u>Intel Celeron 3205U @ 1.50GHz</u>	1499	1998	<u>5.22</u>	<u>\$287.04*</u>
<u>Intel Celeron 3215U @ 1.70GHz</u>	1641	1929	NA	NA
<u>Intel Celeron 3755U @ 1.70GHz</u>	1702	1892	NA	NA
<u>Intel Celeron 3765U @ 1.90GHz</u>	1948	1767	NA	NA
<u>Intel Celeron 3855U @ 1.60GHz</u>	1686	1902	NA	NA
<u>Intel Celeron 3865U @ 1.80GHz</u>	1913	1785	NA	NA
<u>Intel Celeron 3867U @ 1.80GHz</u>	1843	1822	<u>17.23</u>	<u>\$107.00*</u>
<u>Intel Celeron 3955U @ 2.00GHz</u>	1934	1773	NA	NA
<u>Intel Celeron 3965U @ 2.20GHz</u>	2358	1597	<u>22.04</u>	<u>\$107.00*</u>
<u>Intel Celeron 3965Y @ 1.50GHz</u>	1607	1946	<u>15.03</u>	<u>\$107.00*</u>
<u>Intel Celeron 4205U @ 1.80GHz</u>	1953	1764	<u>18.25</u>	<u>\$107.00*</u>
<u>Intel Celeron @ 1.30GHz</u>	965	2293	NA	NA
<u>Intel Celeron B710 @ 1.60GHz</u>	186	2897	NA	NA
<u>Intel Celeron B720 @ 1.70GHz</u>	814	2378	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Celeron B800 @ 1.50GHz</u>	1278	2110	NA	NA
<u>Intel Celeron B810 @ 1.60GHz</u>	1395	2040	NA	NA
<u>Intel Celeron B815 @ 1.60GHz</u>	1364	2056	NA	NA
<u>Intel Celeron B820 @ 1.70GHz</u>	1432	2027	<u>36.46</u>	<u>\$39.99*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Celeron B830 @ 1.80GHz</u>	1512	1993	NA	NA
<u>Intel Celeron B840 @ 1.90GHz</u>	1719	1877	NA	NA
<u>Intel Celeron D 347 @ 3.06GHz</u>	270	2814	NA	NA
<u>Intel Celeron D 352 @ 3.20GHz</u>	302	2758	NA	NA
<u>Intel Celeron D 356 @ 3.33GHz</u>	315	2739	NA	NA
<u>Intel Celeron D 360 @ 3.46GHz</u>	337	2718	NA	NA
<u>Intel Celeron D 365 @ 3.60GHz</u>	404	2639	<u>4.50</u>	<u>\$89.95*</u>
<u>Intel Celeron D 420 @ 1.60GHz</u>	481	2559	NA	NA
<u>Intel Celeron D 430 @ 1.80GHz</u>	585	2486	NA	NA
<u>Intel Celeron E1200 @ 1.60GHz</u>	858	2356	<u>7.80</u>	<u>\$109.95*</u>
<u>Intel Celeron E1400 @ 2.00GHz</u>	1052	2237	<u>15.04</u>	<u>\$69.99</u>
<u>Intel Celeron E1500 @ 2.20GHz</u>	1169	2173	<u>59.51</u>	<u>\$19.65</u>
<u>Intel Celeron E1600 @ 2.40GHz</u>	1255	2123	NA	NA
<u>Intel Celeron E3200 @ 2.40GHz</u>	1382	2047	<u>26.59</u>	<u>\$51.99*</u>
<u>Intel Celeron E3300 @ 2.50GHz</u>	1388	2044	<u>23.14</u>	<u>\$59.99</u>
<u>Intel Celeron E3400 @ 2.60GHz</u>	1440	2022	<u>2.36</u>	<u>\$610.00*</u>
<u>Intel Celeron E3500 @ 2.70GHz</u>	1454	2015	<u>36.37</u>	<u>\$39.99*</u>
<u>Intel Celeron G440 @ 1.60GHz</u>	694	2433	<u>13.90</u>	<u>\$49.99*</u>
<u>Intel Celeron G460 @ 1.80GHz</u>	1035	2245	<u>15.93</u>	<u>\$65.00</u>
<u>Intel Celeron G465 @ 1.90GHz</u>	1064	2231	<u>10.64</u>	<u>\$100.00*</u>
<u>Intel Celeron G470 @ 2.00GHz</u>	1298	2093	NA	NA
<u>Intel Celeron G530 @ 2.40GHz</u>	2130	1688	<u>53.27</u>	<u>\$39.99*</u>
<u>Intel Celeron G530T @ 2.00GHz</u>	1717	1878	NA	NA
<u>Intel Celeron G540 @ 2.50GHz</u>	2196	1666	<u>48.82</u>	<u>\$45.00*</u>
<u>Intel Celeron G540T @ 2.10GHz</u>	2114	1693	NA	NA
<u>Intel Celeron G550 @ 2.60GHz</u>	2290	1618	<u>28.63</u>	<u>\$80.00</u>
<u>Intel Celeron G550T @ 2.20GHz</u>	2032	1730	NA	NA
<u>Intel Celeron G555 @ 2.70GHz</u>	2422	1571	<u>22.23</u>	<u>\$109.00</u>
<u>Intel Celeron G1101 @ 2.27GHz</u>	1667	1915	<u>84.34</u>	<u>\$19.77*</u>
<u>Intel Celeron G1610 @ 2.60GHz</u>	2489	1550	<u>52.96</u>	<u>\$47.00</u>
<u>Intel Celeron G1610T @ 2.30GHz</u>	2256	1639	<u>56.35</u>	<u>\$40.04*</u>
<u>Intel Celeron G1620 @ 2.70GHz</u>	2575	1512	<u>36.80</u>	<u>\$69.99</u>
<u>Intel Celeron G1620T @ 2.40GHz</u>	2353	1601	<u>56.03</u>	<u>\$42.00*</u>
<u>Intel Celeron G1630 @ 2.80GHz</u>	2493	1548	<u>35.63</u>	<u>\$69.99</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Celeron G1820 @ 2.70GHz</u>	2754	1459	<u>45.92</u>	<u>\$59.99</u>
<u>Intel Celeron G1820T @ 2.40GHz</u>	2500	1547	<u>59.54</u>	<u>\$42.00*</u>
<u>Intel Celeron G1820TE @ 2.20GHz</u>	2132	1686	NA	NA
<u>Intel Celeron G1830 @ 2.80GHz</u>	2559	1519	<u>26.95</u>	<u>\$94.95</u>
<u>Intel Celeron G1840 @ 2.80GHz</u>	2860	1424	<u>31.86</u>	<u>\$89.79</u>
<u>Intel Celeron G1840T @ 2.50GHz</u>	2554	1523	NA	NA
<u>Intel Celeron G1850 @ 2.90GHz</u>	2909	1403	<u>36.38</u>	<u>\$79.99*</u>
<u>Intel Celeron G3900 @ 2.80GHz</u>	3134	1327	<u>57.00</u>	<u>\$54.99</u>
<u>Intel Celeron G3900E @ 2.40GHz</u>	2679	1480	NA	NA
<u>Intel Celeron G3900T @ 2.60GHz</u>	2925	1399	<u>26.01</u>	<u>\$112.46*</u>
<u>Intel Celeron G3900TE @ 2.30GHz</u>	2591	1506	<u>61.71</u>	<u>\$42.00*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Celeron G3920 @ 2.90GHz</u>	3123	1332	<u>27.40</u>	<u>\$113.99*</u>
<u>Intel Celeron G3930 @ 2.90GHz</u>	3037	1359	<u>59.36</u>	<u>\$51.17*</u>
<u>Intel Celeron G3930T @ 2.70GHz</u>	2766	1453	<u>40.21</u>	<u>\$68.80</u>
<u>Intel Celeron G3930TE @ 2.70GHz</u>	2970	1383	<u>70.72</u>	<u>\$42.00*</u>
<u>Intel Celeron G3950 @ 3.00GHz</u>	3049	1357	<u>42.82</u>	<u>\$71.22*</u>
<u>Intel Celeron G4900 @ 3.10GHz</u>	3285	1275	<u>73.53</u>	<u>\$44.69</u>
<u>Intel Celeron G4900T @ 2.90GHz</u>	3096	1340	NA	NA
<u>Intel Celeron G4920 @ 3.20GHz</u>	3192	1305	<u>47.66</u>	<u>\$66.99</u>
<u>Intel Celeron G4930 @ 3.20GHz</u>	3439	1235	<u>55.29</u>	<u>\$62.21</u>
<u>Intel Celeron J1750 @ 2.41GHz</u>	1037	2244	NA	NA
<u>Intel Celeron J1800 @ 2.41GHz</u>	1020	2254	NA	NA
<u>Intel Celeron J1850 @ 1.99GHz</u>	1617	1942	NA	NA
<u>Intel Celeron J1900 @ 1.99GHz</u>	1852	1816	NA	NA
<u>Intel Celeron J3060 @ 1.60GHz</u>	976	2286	NA	NA
<u>Intel Celeron J3160 @ 1.60GHz</u>	1793	1845	NA	NA
<u>Intel Celeron J3355 @ 2.00GHz</u>	1168	2174	NA	NA
<u>Intel Celeron J3455 @ 1.50GHz</u>	2112	1696	<u>5.28</u>	<u>\$399.99</u>
<u>Intel Celeron J4005 @ 2.00GHz</u>	1544	1973	<u>10.99</u>	<u>\$140.51*</u>
<u>Intel Celeron J4105 @ 1.50GHz</u>	2647	1491	<u>24.74</u>	<u>\$107.00*</u>
<u>Intel Celeron M 1.00GHz</u>	207	2879	<u>1.60</u>	<u>\$129.95</u>
<u>Intel Celeron M 1.30GHz</u>	316	2738	NA	NA
<u>Intel Celeron M 1.50GHz</u>	343	2714	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Celeron M 1.60GHz</u>	364	2693	NA	NA
<u>Intel Celeron M 1.70GHz</u>	393	2659	NA	NA
<u>Intel Celeron M 360 1.40GHz</u>	328	2727	NA	NA
<u>Intel Celeron M 410 @ 1.46GHz</u>	315	2740	NA	NA
<u>Intel Celeron M 420 @ 1.60GHz</u>	334	2722	NA	NA
<u>Intel Celeron M 430 @ 1.73GHz</u>	368	2686	NA	NA
<u>Intel Celeron M 440 @ 1.86GHz</u>	392	2660	NA	NA
<u>Intel Celeron M 443 @ 1.20GHz</u>	253	2831	NA	NA
<u>Intel Celeron M 450 @ 2.00GHz</u>	450	2590	NA	NA
<u>Intel Celeron M 520 @ 1.60GHz</u>	431	2613	NA	NA
<u>Intel Celeron M 530 @ 1.73GHz</u>	462	2575	NA	NA
<u>Intel Celeron M 540 @ 1.86GHz</u>	542	2509	NA	NA
<u>Intel Celeron M 600MHz</u>	151	2921	NA	NA
<u>Intel Celeron M 723 @ 1.20GHz</u>	457	2583	NA	NA
<u>Intel Celeron M 900MHz</u>	204	2881	NA	NA
<u>Intel Celeron M 1200MHz</u>	275	2809	NA	NA
<u>Intel Celeron M 1300MHz</u>	303	2754	NA	NA
<u>Intel Celeron M 1500MHz</u>	333	2724	NA	NA
<u>Intel Celeron M ULV 800MHz</u>	184	2901	NA	NA
<u>Intel Celeron N2805 @ 1.46GHz</u>	460	2580	NA	NA
<u>Intel Celeron N2806 @ 1.60GHz</u>	802	2386	NA	NA
<u>Intel Celeron N2807 @ 1.58GHz</u>	861	2352	NA	NA
<u>Intel Celeron N2808 @ 1.58GHz</u>	907	2337	NA	NA
<u>Intel Celeron N2810 @ 2.00GHz</u>	787	2391	<u>5.62</u>	<u>\$139.99*</u>
<u>Intel Celeron N2815 @ 1.86GHz</u>	859	2354	NA	NA
<u>Intel Celeron N2820 @ 2.13GHz</u>	936	2317	<u>4.46</u>	<u>\$209.99</u>
<u>Intel Celeron N2830 @ 2.16GHz</u>	966	2292	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Celeron N2840 @ 2.16GHz</u>	1004	2265	NA	NA
<u>Intel Celeron N2910 @ 1.60GHz</u>	1203	2153	NA	NA
<u>Intel Celeron N2920 @ 1.86GHz</u>	1514	1991	NA	NA
<u>Intel Celeron N2930 @ 1.83GHz</u>	1658	1923	NA	NA
<u>Intel Celeron N2940 @ 1.83GHz</u>	1722	1874	NA	NA
<u>Intel Celeron N3000 @ 1.04GHz</u>	899	2340	NA	NA

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD) iOS / iPhone
Video Card Benchmarks					
Hard Drive Benchmarks					
RAM					
PC Systems					
Android					
	<u>Intel Celeron N3010 @ 1.04GHz</u>	973	2287	NA	NA
	<u>Intel Celeron N3050 @ 1.60GHz</u>	879	2345	<u>5.72</u>	<u>\$153.59</u>
	<u>Intel Celeron N3060 @ 1.60GHz</u>	990	2280	NA	NA
	<u>Intel Celeron N3150 @ 1.60GHz</u>	1665	1916	NA	NA
	<u>Intel Celeron N3160 @ 1.60GHz</u>	1664	1919	<u>5.56</u>	<u>\$299.18</u>
	<u>Intel Celeron N3350 @ 1.10GHz</u>	1112	2201	NA	NA
	<u>Intel Celeron N3450 @ 1.10GHz</u>	1850	1817	<u>11.72</u>	<u>\$157.93</u>
	<u>Intel Celeron N4000 @ 1.10GHz</u>	1436	2023	<u>13.43</u>	<u>\$107.00*</u>
	<u>Intel Celeron N4100 @ 1.10GHz</u>	2260	1638	<u>21.13</u>	<u>\$107.00*</u>
	<u>Intel Celeron P4500 @ 1.87GHz</u>	1116	2197	NA	NA
	<u>Intel Celeron P4505 @ 1.87GHz</u>	994	2276	NA	NA
	<u>Intel Celeron P4600 @ 2.00GHz</u>	1328	2078	NA	NA
	<u>Intel Celeron SU2300 @ 1.20GHz</u>	771	2395	NA	NA
	<u>Intel Celeron T1600 @ 1.66GHz</u>	950	2307	<u>47.53</u>	<u>\$19.99*</u>
	<u>Intel Celeron T1700 @ 1.83GHz</u>	1058	2235	<u>35.29</u>	<u>\$29.99*</u>
	<u>Intel Celeron U1900 @ 1.99GHz</u>	1704	1891	NA	NA
	<u>Intel Celeron U3400 @ 1.07GHz</u>	721	2418	NA	NA
	<u>Intel Celeron U3405 @ 1.07GHz</u>	684	2438	NA	NA
	<u>Intel Celeron U3600 @ 1.20GHz</u>	809	2383	NA	NA
	<u>Intel Core2 Duo E4300 @ 1.80GHz</u>	1051	2238	<u>6.57</u>	<u>\$159.95*</u>
	<u>Intel Core2 Duo E4400 @ 2.00GHz</u>	1157	2181	<u>23.15</u>	<u>\$49.99*</u>
	<u>Intel Core2 Duo E4500 @ 2.20GHz</u>	1270	2117	<u>17.84</u>	<u>\$71.25*</u>
	<u>Intel Core2 Duo E4600 @ 2.40GHz</u>	1384	2046	<u>8.77</u>	<u>\$157.95*</u>
	<u>Intel Core2 Duo E4700 @ 2.60GHz</u>	1481	2007	<u>54.88</u>	<u>\$26.99*</u>
	<u>Intel Core2 Duo E6300 @ 1.86GHz</u>	1108	2205	<u>85.33</u>	<u>\$12.99*</u>
	<u>Intel Core2 Duo E6320 @ 1.86GHz</u>	1185	2163	<u>23.72</u>	<u>\$49.99*</u>
	<u>Intel Core2 Duo E6400 @ 2.13GHz</u>	1289	2101	<u>43.04</u>	<u>\$29.95*</u>
	<u>Intel Core2 Duo E6420 @ 2.13GHz</u>	1360	2062	<u>27.21</u>	<u>\$49.99*</u>
	<u>Intel Core2 Duo E6540 @ 2.33GHz</u>	1451	2018	NA	NA
	<u>Intel Core2 Duo E6550 @ 2.33GHz</u>	1498	1999	<u>100.24</u>	<u>\$14.95*</u>
	<u>Intel Core2 Duo E6600 @ 2.40GHz</u>	1554	1970	<u>103.71</u>	<u>\$14.99*</u>
	<u>Intel Core2 Duo E6700 @ 2.66GHz</u>	1693	1899	<u>56.47</u>	<u>\$29.99*</u>
	<u>Intel Core2 Duo E6750 @ 2.66GHz</u>	1714	1882	<u>166.47</u>	<u>\$10.30*</u>
	<u>Intel Core2 Duo E6850 @ 3.00GHz</u>	1946	1768	<u>38.93</u>	<u>\$49.99*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core2 Duo E7200 @ 2.53GHz</u>	1628	1938	<u>33.24</u>	<u>\$49.00*</u>
<u>Intel Core2 Duo E7300 @ 2.66GHz</u>	1726	1873	<u>43.30</u>	<u>\$39.88*</u>
<u>Intel Core2 Duo E7400 @ 2.80GHz</u>	1769	1851	<u>61.05</u>	<u>\$28.99*</u>
<u>Intel Core2 Duo E7500 @ 2.93GHz</u>	1874	1807	<u>125.04</u>	<u>\$14.99*</u>
<u>Intel Core2 Duo E7600 @ 3.06GHz</u>	1963	1758	<u>16.37</u>	<u>\$119.95*</u>
<u>Intel Core2 Duo E8135 @ 2.40GHz</u>	1490	2002	NA	NA
<u>Intel Core2 Duo E8135 @ 2.66GHz</u>	1761	1854	NA	NA
<u>Intel Core2 Duo E8200 @ 2.66GHz</u>	1882	1803	<u>37.66</u>	<u>\$49.99*</u>
<u>Intel Core2 Duo E8235 @ 2.80GHz</u>	1955	1761	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core2 Duo E8290 @ 2.83GHz</u>	2353	1599	NA	NA
<u>Intel Core2 Duo E8300 @ 2.83GHz</u>	1989	1745	<u>99.53</u>	<u>\$19.99*</u>
<u>Intel Core2 Duo E8335 @ 2.66GHz</u>	1846	1818	NA	NA
<u>Intel Core2 Duo E8335 @ 2.93GHz</u>	2128	1690	NA	NA
<u>Intel Core2 Duo E8400 @ 3.00GHz</u>	2149	1682	<u>47.23</u>	<u>\$45.50*</u>
<u>Intel Core2 Duo E8435 @ 3.06GHz</u>	2097	1701	NA	NA
<u>Intel Core2 Duo E8500 @ 3.16GHz</u>	2281	1624	<u>57.06</u>	<u>\$39.99*</u>
<u>Intel Core2 Duo E8600 @ 3.33GHz</u>	2400	1581	<u>56.54</u>	<u>\$42.45*</u>
<u>Intel Core2 Duo E8700 @ 3.50GHz</u>	2212	1660	NA	NA
<u>Intel Core2 Duo L7100 @ 1.20GHz</u>	760	2400	NA	NA
<u>Intel Core2 Duo L7200 @ 1.33GHz</u>	684	2439	NA	NA
<u>Intel Core2 Duo L7300 @ 1.40GHz</u>	825	2374	NA	NA
<u>Intel Core2 Duo L7400 @ 1.50GHz</u>	846	2363	NA	NA
<u>Intel Core2 Duo L7500 @ 1.60GHz</u>	959	2300	NA	NA
<u>Intel Core2 Duo L7700 @ 1.80GHz</u>	973	2288	NA	NA
<u>Intel Core2 Duo L7800 @ 2.00GHz</u>	1116	2196	NA	NA
<u>Intel Core2 Duo L9300 @ 1.60GHz</u>	1080	2226	NA	NA
<u>Intel Core2 Duo L9600 @ 2.13GHz</u>	1346	2067	NA	NA
<u>Intel Core2 Duo P7350 @ 2.00GHz</u>	1289	2100	<u>64.48</u>	<u>\$19.99*</u>
<u>Intel Core2 Duo P7370 @ 2.00GHz</u>	1307	2088	NA	NA
<u>Intel Core2 Duo P7450 @ 2.13GHz</u>	1416	2033	<u>35.43</u>	<u>\$39.99*</u>
<u>Intel Core2 Duo P7500 @ 1.60GHz</u>	945	2314	NA	NA
<u>Intel Core2 Duo P7550 @ 2.26GHz</u>	1518	1986	<u>6.60</u>	<u>\$229.99*</u>
<u>Intel Core2 Duo P7570 @ 2.26GHz</u>	1455	2014	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core2 Duo P7700 @ 1.80GHz</u>	1021	2252	NA	NA
<u>Intel Core2 Duo P8400 @ 2.26GHz</u>	1453	2017	<u>4.89</u>	<u>\$297.01*</u>
<u>Intel Core2 Duo P8600 @ 2.40GHz</u>	1536	1978	<u>31.25</u>	<u>\$49.18*</u>
<u>Intel Core2 Duo P8700 @ 2.53GHz</u>	1624	1940	<u>42.77</u>	<u>\$37.99*</u>
<u>Intel Core2 Duo P8800 @ 2.66GHz</u>	1739	1868	<u>30.53</u>	<u>\$56.99*</u>
<u>Intel Core2 Duo P9300 @ 2.26GHz</u>	1564	1967	NA	NA
<u>Intel Core2 Duo P9500 @ 2.53GHz</u>	1753	1862	<u>1.75</u>	<u>\$998.99*</u>
<u>Intel Core2 Duo P9600 @ 2.53GHz</u>	1754	1860	<u>17.72</u>	<u>\$99.00*</u>
<u>Intel Core2 Duo P9600 @ 2.66GHz</u>	1864	1812	NA	NA
<u>Intel Core2 Duo P9700 @ 2.80GHz</u>	2015	1737	NA	NA
<u>Intel Core2 Duo Q6867 @ 3.00GHz</u>	589	2484	NA	NA
<u>Intel Core2 Duo SL9400 @ 1.86GHz</u>	1251	2129	<u>4.95</u>	<u>\$253.00*</u>
<u>Intel Core2 Duo SP9400 @ 2.40GHz</u>	1680	1905	<u>5.92</u>	<u>\$284.00*</u>
<u>Intel Core2 Duo SU9400 @ 1.40GHz</u>	925	2323	NA	NA
<u>Intel Core2 Duo T5200 @ 1.60GHz</u>	833	2369	NA	NA
<u>Intel Core2 Duo T5250 @ 1.50GHz</u>	839	2367	NA	NA
<u>Intel Core2 Duo T5270 @ 1.40GHz</u>	813	2379	NA	NA
<u>Intel Core2 Duo T5300 @ 1.73GHz</u>	932	2320	NA	NA
<u>Intel Core2 Duo T5450 @ 1.66GHz</u>	913	2333	NA	NA
<u>Intel Core2 Duo T5470 @ 1.60GHz</u>	908	2336	NA	NA
<u>Intel Core2 Duo T5500 @ 1.66GHz</u>	923	2328	NA	NA
<u>Intel Core2 Duo T5550 @ 1.83GHz</u>	1039	2243	NA	NA
<u>Intel Core2 Duo T5600 @ 1.83GHz</u>	1029	2247	NA	NA
<u>Intel Core2 Duo T5670 @ 1.80GHz</u>	994	2277	NA	NA
<u>Intel Core2 Duo T5750 @ 2.00GHz</u>	1094	2215	<u>109.58</u>	<u>\$9.99*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core2 Duo T5800 @ 2.00GHz</u>	1116	2198	NA	NA
<u>Intel Core2 Duo T5850 @ 2.16GHz</u>	1200	2156	<u>75.48</u>	<u>\$15.90*</u>
<u>Intel Core2 Duo T5870 @ 2.00GHz</u>	1148	2186	NA	NA
<u>Intel Core2 Duo T5900 @ 2.20GHz</u>	1211	2147	NA	NA
<u>Intel Core2 Duo T6400 @ 2.00GHz</u>	1226	2141	<u>81.79</u>	<u>\$14.99*</u>
<u>Intel Core2 Duo T6500 @ 2.10GHz</u>	1285	2105	<u>85.75</u>	<u>\$14.99*</u>
<u>Intel Core2 Duo T6570 @ 2.10GHz</u>	1259	2122	<u>32.71</u>	<u>\$38.50*</u>
<u>Intel Core2 Duo T6600 @ 2.20GHz</u>	1360	2060	<u>71.98</u>	<u>\$18.90*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core2 Duo T6670 @ 2.20GHz</u>	1358	2063	NA	NA
<u>Intel Core2 Duo T7100 @ 1.80GHz</u>	1020	2255	<u>46.39</u>	<u>\$21.99*</u>
<u>Intel Core2 Duo T7200 @ 2.00GHz</u>	1167	2175	<u>11.68</u>	<u>\$99.95*</u>
<u>Intel Core2 Duo T7250 @ 2.00GHz</u>	1114	2199	<u>5.53</u>	<u>\$201.48*</u>
<u>Intel Core2 Duo T7300 @ 2.00GHz</u>	1193	2157	<u>38.50</u>	<u>\$30.99*</u>
<u>Intel Core2 Duo T7400 @ 2.16GHz</u>	1250	2131	NA	NA
<u>Intel Core2 Duo T7500 @ 2.20GHz</u>	1271	2116	<u>29.58</u>	<u>\$42.99*</u>
<u>Intel Core2 Duo T7600 @ 2.33GHz</u>	1378	2052	NA	NA
<u>Intel Core2 Duo T7700 @ 2.40GHz</u>	1423	2030	<u>10.17</u>	<u>\$139.95*</u>
<u>Intel Core2 Duo T7800 @ 2.60GHz</u>	1597	1954	<u>2.63</u>	<u>\$607.99*</u>
<u>Intel Core2 Duo T8100 @ 2.10GHz</u>	1298	2094	<u>1.30</u>	<u>\$999.99*</u>
<u>Intel Core2 Duo T8300 @ 2.40GHz</u>	1473	2009	<u>13.52</u>	<u>\$108.95*</u>
<u>Intel Core2 Duo T9300 @ 2.50GHz</u>	1673	1908	<u>28.86</u>	<u>\$57.99*</u>
<u>Intel Core2 Duo T9400 @ 2.53GHz</u>	1739	1869	<u>38.71</u>	<u>\$44.95*</u>
<u>Intel Core2 Duo T9500 @ 2.60GHz</u>	1793	1846	NA	NA
<u>Intel Core2 Duo T9550 @ 2.66GHz</u>	1806	1840	<u>6.04</u>	<u>\$298.95*</u>
<u>Intel Core2 Duo T9600 @ 2.80GHz</u>	1926	1777	<u>21.42</u>	<u>\$89.95*</u>
<u>Intel Core2 Duo T9800 @ 2.93GHz</u>	2016	1736	<u>4.76</u>	<u>\$423.89*</u>
<u>Intel Core2 Duo T9900 @ 3.06GHz</u>	2134	1685	<u>5.35</u>	<u>\$398.95*</u>
<u>Intel Core2 Duo U7300 @ 1.30GHz</u>	874	2348	NA	NA
<u>Intel Core2 Duo U7500 @ 1.06GHz</u>	590	2482	NA	NA
<u>Intel Core2 Duo U7600 @ 1.20GHz</u>	668	2446	NA	NA
<u>Intel Core2 Duo U7700 @ 1.33GHz</u>	700	2432	NA	NA
<u>Intel Core2 Duo U9300 @ 1.20GHz</u>	855	2359	NA	NA
<u>Intel Core2 Duo U9600 @ 1.60GHz</u>	1129	2194	NA	NA
<u>Intel Core2 Duo X7360 @ 2.53GHz</u>	1687	1901	NA	NA
<u>Intel Core2 Extreme Q6800 @ 2.93GHz</u>	3655	1181	<u>3.25</u>	<u>\$1,125.00*</u>
<u>Intel Core2 Extreme Q6850 @ 3.00GHz</u>	3632	1184	<u>2.43</u>	<u>\$1,495.95*</u>
<u>Intel Core2 Extreme Q9300 @ 2.53GHz</u>	3457	1231	NA	NA
<u>Intel Core2 Extreme X6800 @ 2.93GHz</u>	1875	1806	<u>7.11</u>	<u>\$263.64*</u>
<u>Intel Core2 Extreme X7800 @ 2.60GHz</u>	1802	1843	NA	NA
<u>Intel Core2 Extreme X7850 @ 2.80GHz</u>	1331	2076	NA	NA
<u>Intel Core2 Extreme X7900 @ 2.80GHz</u>	1672	1910	NA	NA
<u>Intel Core2 Extreme X9000 @ 2.80GHz</u>	1894	1795	<u>4.62</u>	<u>\$409.95*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core2 Extreme X9100 @ 3.06GHz</u>	2072	1712	<u>2.44</u>	<u>\$851.00*</u>
<u>Intel Core2 Extreme X9650 @ 3.00GHz</u>	4156	1069	<u>4.83</u>	<u>\$859.99*</u>
<u>Intel Core2 Extreme X9750 @ 3.16GHz</u>	4504	1000	NA	NA
<u>Intel Core2 Extreme X9770 @ 3.20GHz</u>	4614	974	<u>2.87</u>	<u>\$1,608.95*</u>
<u>Intel Core2 Extreme X9775 @ 3.20GHz</u>	4646	968	<u>2.57</u>	<u>\$1,805.95*</u>
<u>Intel Core2 Quad Q6600 @ 2.40GHz</u>	2947	1389	<u>73.74</u>	<u>\$39.98*</u>
<u>Intel Core2 Quad Q6700 @ 2.66GHz</u>	3281	1276	<u>72.93</u>	<u>\$44.99*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core2 Quad Q8200 @ 2.33GHz</u>	2809	1440	<u>122.19</u>	<u>\$22.99*</u>
<u>Intel Core2 Quad Q8300 @ 2.50GHz</u>	2980	1377	<u>59.62</u>	<u>\$49.99*</u>
<u>Intel Core2 Quad Q8400 @ 2.66GHz</u>	3161	1318	<u>13.17</u>	<u>\$239.95*</u>
<u>Intel Core2 Quad Q9000 @ 2.00GHz</u>	2525	1531	<u>6.49</u>	<u>\$389.00*</u>
<u>Intel Core2 Quad Q9100 @ 2.26GHz</u>	3242	1287	<u>8.40</u>	<u>\$385.89*</u>
<u>Intel Core2 Quad Q9300 @ 2.50GHz</u>	3154	1321	<u>15.81</u>	<u>\$199.50*</u>
<u>Intel Core2 Quad Q9400 @ 2.66GHz</u>	3338	1264	<u>69.51</u>	<u>\$48.03*</u>
<u>Intel Core2 Quad Q9450 @ 2.66GHz</u>	3757	1155	<u>105.25</u>	<u>\$35.70*</u>
<u>Intel Core2 Quad Q9500 @ 2.83GHz</u>	3519	1215	<u>100.60</u>	<u>\$34.99*</u>
<u>Intel Core2 Quad Q9505 @ 2.83GHz</u>	3531	1211	<u>18.59</u>	<u>\$190.00*</u>
<u>Intel Core2 Quad Q9550 @ 2.83GHz</u>	3963	1109	<u>89.08</u>	<u>\$44.49*</u>
<u>Intel Core2 Quad Q9650 @ 3.00GHz</u>	4157	1068	<u>38.11</u>	<u>\$109.11</u>
<u>Intel Core2 Quad Q9705 @ 3.16GHz</u>	3947	1111	NA	NA
<u>Intel Core2 Solo U2100 @ 1.06GHz</u>	359	2697	NA	NA
<u>Intel Core2 Solo U2200 @ 1.20GHz</u>	311	2747	NA	NA
<u>Intel Core2 Solo U3300 @ 1.20GHz</u>	415	2625	NA	NA
<u>Intel Core2 Solo U3500 @ 1.40GHz</u>	464	2572	NA	NA
<u>Intel Core 330 @ 1.60GHz</u>	643	2457	NA	NA
<u>Intel Core 860 @ 2.80GHz</u>	4555	986	<u>26.96</u>	<u>\$169.00*</u>
<u>Intel Core Duo L2300 @ 1.50GHz</u>	719	2421	NA	NA
<u>Intel Core Duo L2400 @ 1.66GHz</u>	705	2429	NA	NA
<u>Intel Core Duo L2500 @ 1.83GHz</u>	747	2408	NA	NA
<u>Intel Core Duo T2050 @ 1.60GHz</u>	693	2435	NA	NA
<u>Intel Core Duo T2250 @ 1.73GHz</u>	754	2404	NA	NA
<u>Intel Core Duo T2300 @ 1.66GHz</u>	727	2416	NA	NA
<u>Intel Core Duo T2350 @ 1.86GHz</u>	761	2399	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core Duo T2400 @ 1.83GHz</u>	794	2390	<u>49.63</u>	<u>\$16.00*</u>
<u>Intel Core Duo T2450 @ 2.00GHz</u>	825	2373	NA	NA
<u>Intel Core Duo T2500 @ 2.00GHz</u>	863	2351	<u>7.20</u>	<u>\$119.99*</u>
<u>Intel Core Duo T2600 @ 2.16GHz</u>	944	2315	NA	NA
<u>Intel Core Duo T2700 @ 2.33GHz</u>	1024	2250	NA	NA
<u>Intel Core Duo U2400 @ 1.06GHz</u>	544	2507	NA	NA
<u>Intel Core Duo U2500 @ 1.20GHz</u>	511	2532	NA	NA
<u>Intel Core i3-330E @ 2.13GHz</u>	1935	1772	NA	NA
<u>Intel Core i3-330M @ 2.13GHz</u>	1785	1848	<u>11.17</u>	<u>\$159.95*</u>
<u>Intel Core i3-330UM @ 1.20GHz</u>	1075	2229	NA	NA
<u>Intel Core i3-350M @ 2.27GHz</u>	1891	1798	<u>112.95</u>	<u>\$16.75</u>
<u>Intel Core i3-370M @ 2.40GHz</u>	2015	1738	<u>50.44</u>	<u>\$39.96*</u>
<u>Intel Core i3-380M @ 2.53GHz</u>	2092	1703	<u>34.91</u>	<u>\$59.95</u>
<u>Intel Core i3-380UM @ 1.33GHz</u>	1157	2180	NA	NA
<u>Intel Core i3-390M @ 2.67GHz</u>	2170	1672	<u>55.72</u>	<u>\$38.95*</u>
<u>Intel Core i3-530 @ 2.93GHz</u>	2565	1518	<u>23.76</u>	<u>\$108.00</u>
<u>Intel Core i3-540 @ 3.07GHz</u>	2686	1478	<u>20.67</u>	<u>\$129.99</u>
<u>Intel Core i3-550 @ 3.20GHz</u>	2829	1431	<u>16.10</u>	<u>\$175.74</u>
<u>Intel Core i3-560 @ 3.33GHz</u>	2933	1393	<u>16.30</u>	<u>\$179.95*</u>
<u>Intel Core i3-1005G1 @ 1.20GHz</u>	5905	761	<u>21.02</u>	<u>\$281.00*</u>
<u>Intel Core i3-2100 @ 3.10GHz</u>	3691	1174	<u>67.14</u>	<u>\$54.99</u>
<u>Intel Core i3-2100T @ 2.50GHz</u>	2980	1376	<u>49.68</u>	<u>\$59.99*</u>
<u>Intel Core i3-2102 @ 3.10GHz</u>	3736	1161	<u>64.41</u>	<u>\$58.00*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i3-2105 @ 3.10GHz</u>	3712	1169	<u>32.29</u>	<u>\$114.99*</u>
<u>Intel Core i3-2120 @ 3.30GHz</u>	3930	1118	<u>56.15</u>	<u>\$70.00</u>
<u>Intel Core i3-2120T @ 2.60GHz</u>	3155	1320	<u>126.28</u>	<u>\$24.99</u>
<u>Intel Core i3-2125 @ 3.30GHz</u>	4015	1093	<u>19.40</u>	<u>\$207.00*</u>
<u>Intel Core i3-2130 @ 3.40GHz</u>	4077	1084	<u>64.73</u>	<u>\$62.98</u>
<u>Intel Core i3-2140 @ 3.50GHz</u>	4325	1037	NA	NA
<u>Intel Core i3-2310E @ 2.10GHz</u>	2839	1426	<u>12.62</u>	<u>\$225.00*</u>
<u>Intel Core i3-2310M @ 2.10GHz</u>	2432	1568	<u>62.68</u>	<u>\$38.81</u>
<u>Intel Core i3-2312M @ 2.10GHz</u>	2374	1591	NA	NA
<u>Intel Core i3-2328M @ 2.20GHz</u>	2545	1526	<u>27.38</u>	<u>\$92.97*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i3-2330E @ 2.20GHz</u>	3073	1348	NA	NA
<u>Intel Core i3-2330M @ 2.20GHz</u>	2526	1530	<u>50.57</u>	<u>\$49.95</u>
<u>Intel Core i3-2332M @ 2.20GHz</u>	2382	1588	NA	NA
<u>Intel Core i3-2340UE @ 1.30GHz</u>	1719	1876	NA	NA
<u>Intel Core i3-2348M @ 2.30GHz</u>	2623	1496	NA	NA
<u>Intel Core i3-2350M @ 2.30GHz</u>	2630	1495	<u>82.51</u>	<u>\$31.88</u>
<u>Intel Core i3-2357M @ 1.30GHz</u>	1556	1969	NA	NA
<u>Intel Core i3-2365M @ 1.40GHz</u>	1680	1904	NA	NA
<u>Intel Core i3-2367M @ 1.40GHz</u>	1708	1888	NA	NA
<u>Intel Core i3-2370M @ 2.40GHz</u>	2777	1449	<u>69.78</u>	<u>\$39.81</u>
<u>Intel Core i3-2375M @ 1.50GHz</u>	1769	1852	NA	NA
<u>Intel Core i3-2377M @ 1.50GHz</u>	1828	1832	NA	NA
<u>Intel Core i3-3110M @ 2.40GHz</u>	3081	1345	<u>38.54</u>	<u>\$79.95*</u>
<u>Intel Core i3-3120M @ 2.50GHz</u>	3226	1293	<u>29.33</u>	<u>\$110.00*</u>
<u>Intel Core i3-3130M @ 2.60GHz</u>	3384	1249	NA	NA
<u>Intel Core i3-3210 @ 3.20GHz</u>	4042	1088	<u>20.31</u>	<u>\$199.00</u>
<u>Intel Core i3-3217U @ 1.80GHz</u>	2302	1617	<u>10.01</u>	<u>\$229.99*</u>
<u>Intel Core i3-3217UE @ 1.60GHz</u>	2162	1676	NA	NA
<u>Intel Core i3-3220 @ 3.30GHz</u>	4244	1053	<u>77.19</u>	<u>\$54.99</u>
<u>Intel Core i3-3220T @ 2.80GHz</u>	3695	1172	<u>29.56</u>	<u>\$125.00</u>
<u>Intel Core i3-3225 @ 3.30GHz</u>	4345	1031	<u>13.37</u>	<u>\$324.99</u>
<u>Intel Core i3-3227U @ 1.90GHz</u>	2467	1557	NA	NA
<u>Intel Core i3-3229Y @ 1.40GHz</u>	1700	1894	NA	NA
<u>Intel Core i3-3240 @ 3.40GHz</u>	4319	1040	<u>86.39</u>	<u>\$50.00</u>
<u>Intel Core i3-3240T @ 2.90GHz</u>	3666	1179	NA	NA
<u>Intel Core i3-3245 @ 3.40GHz</u>	4449	1010	<u>25.87</u>	<u>\$172.01*</u>
<u>Intel Core i3-3250 @ 3.50GHz</u>	4456	1006	<u>46.92</u>	<u>\$94.99*</u>
<u>Intel Core i3-3250T @ 3.00GHz</u>	3614	1187	NA	NA
<u>Intel Core i3-4000M @ 2.40GHz</u>	3259	1280	<u>16.30</u>	<u>\$199.95*</u>
<u>Intel Core i3-4005U @ 1.70GHz</u>	2444	1565	NA	NA
<u>Intel Core i3-4010U @ 1.70GHz</u>	2442	1566	<u>16.28</u>	<u>\$149.99</u>
<u>Intel Core i3-4010Y @ 1.30GHz</u>	1900	1792	NA	NA
<u>Intel Core i3-4012Y @ 1.50GHz</u>	2164	1675	NA	NA
<u>Intel Core i3-4020Y @ 1.50GHz</u>	2213	1659	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i3-4025U @ 1.90GHz</u>	2789	1447	NA	NA
<u>Intel Core i3-4030U @ 1.90GHz</u>	2715	1472	NA	NA
<u>Intel Core i3-4030Y @ 1.60GHz</u>	2507	1542	NA	NA
<u>Intel Core i3-4100M @ 2.50GHz</u>	3419	1237	<u>15.65</u>	<u>\$218.57*</u>
<u>Intel Core i3-4110M @ 2.60GHz</u>	3854	1127	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i3-4110U @ 1.90GHz</u>	2902	1410	NA	NA
<u>Intel Core i3-4120U @ 2.00GHz</u>	3050	1356	NA	NA
<u>Intel Core i3-4130 @ 3.40GHz</u>	4803	940	<u>53.37</u>	<u>\$89.99</u>
<u>Intel Core i3-4130T @ 2.90GHz</u>	4148	1071	<u>46.61</u>	<u>\$88.99*</u>
<u>Intel Core i3-4150 @ 3.50GHz</u>	4899	920	<u>49.49</u>	<u>\$99.00</u>
<u>Intel Core i3-4150T @ 3.00GHz</u>	4227	1054	<u>18.39</u>	<u>\$229.95*</u>
<u>Intel Core i3-4158U @ 2.00GHz</u>	2914	1400	NA	NA
<u>Intel Core i3-4160 @ 3.60GHz</u>	5047	890	<u>46.11</u>	<u>\$109.47</u>
<u>Intel Core i3-4160T @ 3.10GHz</u>	4451	1009	<u>29.68</u>	<u>\$149.99*</u>
<u>Intel Core i3-4170 @ 3.70GHz</u>	5191	864	<u>23.60</u>	<u>\$219.99</u>
<u>Intel Core i3-4170T @ 3.20GHz</u>	4545	992	<u>21.65</u>	<u>\$209.95*</u>
<u>Intel Core i3-4330 @ 3.50GHz</u>	5085	876	<u>25.82</u>	<u>\$196.94</u>
<u>Intel Core i3-4330T @ 3.00GHz</u>	4485	1004	NA	NA
<u>Intel Core i3-4330TE @ 2.40GHz</u>	3201	1300	NA	NA
<u>Intel Core i3-4340 @ 3.60GHz</u>	5242	856	<u>30.84</u>	<u>\$169.99*</u>
<u>Intel Core i3-4350 @ 3.60GHz</u>	4990	902	<u>29.36</u>	<u>\$169.99*</u>
<u>Intel Core i3-4350T @ 3.10GHz</u>	4302	1044	NA	NA
<u>Intel Core i3-4360 @ 3.70GHz</u>	5461	821	<u>21.09</u>	<u>\$259.00</u>
<u>Intel Core i3-4360T @ 3.20GHz</u>	4636	969	NA	NA
<u>Intel Core i3-4370 @ 3.80GHz</u>	5613	797	<u>18.17</u>	<u>\$309.00*</u>
<u>Intel Core i3-4370T @ 3.30GHz</u>	4870	923	<u>35.29</u>	<u>\$138.00*</u>
<u>Intel Core i3-4570T @ 2.90GHz</u>	4934	912	NA	NA
<u>Intel Core i3-5005U @ 2.00GHz</u>	2907	1405	NA	NA
<u>Intel Core i3-5010U @ 2.10GHz</u>	3057	1353	<u>9.05</u>	<u>\$337.76*</u>
<u>Intel Core i3-5015U @ 2.10GHz</u>	2991	1374	NA	NA
<u>Intel Core i3-5020U @ 2.20GHz</u>	3202	1299	<u>6.98</u>	<u>\$459.00*</u>
<u>Intel Core i3-5157U @ 2.50GHz</u>	3670	1178	NA	NA
<u>Intel Core i3-6006U @ 2.00GHz</u>	3084	1343	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i3-6098P @ 3.60GHz</u>	5400	831	<u>40.38</u>	<u>\$133.74*</u>
<u>Intel Core i3-6100 @ 3.70GHz</u>	5482	814	<u>42.50</u>	<u>\$129.00</u>
<u>Intel Core i3-6100E @ 2.70GHz</u>	3769	1148	NA	NA
<u>Intel Core i3-6100H @ 2.70GHz</u>	4219	1059	NA	NA
<u>Intel Core i3-6100T @ 3.20GHz</u>	4849	933	<u>35.92</u>	<u>\$134.99*</u>
<u>Intel Core i3-6100TE @ 2.70GHz</u>	4304	1043	NA	NA
<u>Intel Core i3-6100U @ 2.30GHz</u>	3606	1191	<u>7.00</u>	<u>\$515.00*</u>
<u>Intel Core i3-6102E @ 1.90GHz</u>	3196	1303	<u>14.20</u>	<u>\$225.00*</u>
<u>Intel Core i3-6157U @ 2.40GHz</u>	3835	1133	NA	NA
<u>Intel Core i3-6300 @ 3.80GHz</u>	5845	770	<u>10.78</u>	<u>\$541.99*</u>
<u>Intel Core i3-6300T @ 3.30GHz</u>	5247	855	<u>33.86</u>	<u>\$154.99*</u>
<u>Intel Core i3-6320 @ 3.90GHz</u>	6047	751	<u>13.65</u>	<u>\$443.00</u>
<u>Intel Core i3-7020U @ 2.30GHz</u>	3539	1207	<u>12.60</u>	<u>\$281.00*</u>
<u>Intel Core i3-7100 @ 3.90GHz</u>	5784	776	<u>44.34</u>	<u>\$130.45</u>
<u>Intel Core i3-7100H @ 3.00GHz</u>	4627	973	<u>20.57</u>	<u>\$225.00*</u>
<u>Intel Core i3-7100T @ 3.40GHz</u>	5056	887	<u>35.50</u>	<u>\$142.43</u>
<u>Intel Core i3-7100U @ 2.40GHz</u>	3766	1150	<u>9.89</u>	<u>\$380.64*</u>
<u>Intel Core i3-7101TE @ 3.40GHz</u>	5189	865	<u>44.36</u>	<u>\$117.00*</u>
<u>Intel Core i3-7102E @ 2.10GHz</u>	3266	1278	<u>14.52</u>	<u>\$225.00*</u>
<u>Intel Core i3-7130U @ 2.70GHz</u>	4061	1086	<u>8.83</u>	<u>\$459.99*</u>
<u>Intel Core i3-7167U @ 2.80GHz</u>	4757	949	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i3-7300 @ 4.00GHz</u>	6328	719	<u>36.83</u>	<u>\$171.84*</u>
<u>Intel Core i3-7300T @ 3.50GHz</u>	5369	835	<u>29.57</u>	<u>\$181.59*</u>
<u>Intel Core i3-7320 @ 4.10GHz</u>	6417	711	<u>35.12</u>	<u>\$182.72*</u>
<u>Intel Core i3-7350K @ 4.20GHz</u>	6599	694	<u>26.94</u>	<u>\$245.00</u>
<u>Intel Core i3-8100 @ 3.60GHz</u>	8017	550	<u>51.82</u>	<u>\$154.72</u>
<u>Intel Core i3-8100B @ 3.60GHz</u>	8544	500	<u>64.24</u>	<u>\$133.00*</u>
<u>Intel Core i3-8100T @ 3.10GHz</u>	7337	620	<u>56.88</u>	<u>\$129.00*</u>
<u>Intel Core i3-8109U @ 3.00GHz</u>	6157	733	NA	NA
<u>Intel Core i3-8121U @ 2.20GHz</u>	4802	941	NA	NA
<u>Intel Core i3-8130U @ 2.20GHz</u>	5016	897	<u>17.85</u>	<u>\$281.00*</u>
<u>Intel Core i3-8145U @ 2.10GHz</u>	5544	808	<u>19.73</u>	<u>\$281.00*</u>
<u>Intel Core i3-8300 @ 3.70GHz</u>	8706	485	<u>54.47</u>	<u>\$159.99</u>

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Passmark CPU Mark (higher is better)	RAM	Rank (lower is better) PC Systems	CPU Value (higher is better) Android	Price (USD) iOS / iPhone
			<u>Intel Core i3-8300T @ 3.20GHz</u>	8032	547	<u>47.11</u>	<u>\$170.49*</u>
			<u>Intel Core i3-8350K @ 4.00GHz</u>	9238	426	<u>49.94</u>	<u>\$184.99</u>
			<u>Intel Core i3-9100 @ 3.60GHz</u>	9095	440	<u>69.97</u>	<u>\$129.99</u>
			<u>Intel Core i3-9100F @ 3.60GHz</u>	9029	454	<u>100.33</u>	<u>\$89.99</u>
			<u>Intel Core i3-9100T @ 3.10GHz</u>	7689	589	<u>63.03</u>	<u>\$122.00*</u>
			<u>Intel Core i3-9300 @ 3.70GHz</u>	10018	349	<u>65.91</u>	<u>\$152.00*</u>
			<u>Intel Core i3-9300T @ 3.20GHz</u>	8777	480	<u>61.38</u>	<u>\$143.00*</u>
			<u>Intel Core i3-9320 @ 3.70GHz</u>	10144	340	<u>62.62</u>	<u>\$162.00*</u>
			<u>Intel Core i3-9350KF @ 4.00GHz</u>	10605	313	<u>48.50</u>	<u>\$218.66</u>
			<u>Intel Core i3-21050 @ 3.10GHz</u>	3862	1126	NA	NA
			<u>Intel Core i5 750S @ 2.40GHz</u>	2197	1665	<u>21.97</u>	<u>\$99.99*</u>
			<u>Intel Core i5 E 520 @ 2.40GHz</u>	2486	1552	NA	NA
			<u>Intel Core i5-7Y54 @ 1.20GHz</u>	3538	1208	NA	NA
			<u>Intel Core i5-7Y57 @ 1.20GHz</u>	3676	1176	NA	NA
			<u>Intel Core i5-430M @ 2.27GHz</u>	2094	1702	<u>14.97</u>	<u>\$139.95*</u>
			<u>Intel Core i5-430UM @ 1.20GHz</u>	1341	2072	NA	NA
			<u>Intel Core i5-450M @ 2.40GHz</u>	2131	1687	<u>66.71</u>	<u>\$31.95*</u>
			<u>Intel Core i5-460M @ 2.53GHz</u>	2321	1604	<u>30.98</u>	<u>\$74.95</u>
			<u>Intel Core i5-470UM @ 1.33GHz</u>	1079	2227	NA	NA
			<u>Intel Core i5-480M @ 2.67GHz</u>	2402	1578	<u>29.81</u>	<u>\$80.60*</u>
			<u>Intel Core i5-520 @ 2.40GHz</u>	2244	1646	NA	NA
			<u>Intel Core i5-520M @ 2.40GHz</u>	2368	1593	<u>39.48</u>	<u>\$59.99*</u>
			<u>Intel Core i5-520UM @ 1.07GHz</u>	1356	2065	NA	NA
			<u>Intel Core i5-540M @ 2.53GHz</u>	2452	1562	<u>12.91</u>	<u>\$189.95*</u>
			<u>Intel Core i5-540UM @ 1.20GHz</u>	1375	2053	NA	NA
			<u>Intel Core i5-560M @ 2.67GHz</u>	2578	1511	<u>31.46</u>	<u>\$81.97*</u>
			<u>Intel Core i5-560UM @ 1.33GHz</u>	1664	1918	NA	NA
			<u>Intel Core i5-580M @ 2.67GHz</u>	2580	1510	<u>23.47</u>	<u>\$109.95*</u>
			<u>Intel Core i5-650 @ 3.20GHz</u>	3097	1339	<u>13.77</u>	<u>\$224.95</u>
			<u>Intel Core i5-655K @ 3.20GHz</u>	3386	1248	<u>56.45</u>	<u>\$59.99*</u>
			<u>Intel Core i5-660 @ 3.33GHz</u>	3246	1285	<u>103.88</u>	<u>\$31.25*</u>
			<u>Intel Core i5-661 @ 3.33GHz</u>	3193	1304	<u>13.88</u>	<u>\$229.99*</u>
			<u>Intel Core i5-670 @ 3.47GHz</u>	3319	1266	<u>11.90</u>	<u>\$279.00*</u>
			<u>Intel Core i5-680 @ 3.60GHz</u>	3512	1216	<u>11.33</u>	<u>\$309.95</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i5-750 @ 2.67GHz</u>	3720	1165	<u>18.01</u>	<u>\$206.56*</u>
<u>Intel Core i5-760 @ 2.80GHz</u>	3937	1116	<u>18.84</u>	<u>\$209.00</u>
<u>Intel Core i5-1035G1 @ 1.00GHz</u>	9135	435	<u>30.76</u>	<u>\$297.00*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i5-2300 @ 2.80GHz</u>	5366	836	<u>67.09</u>	<u>\$79.99*</u>
<u>Intel Core i5-2310 @ 2.90GHz</u>	5534	811	<u>29.70</u>	<u>\$186.33*</u>
<u>Intel Core i5-2320 @ 3.00GHz</u>	5772	779	<u>56.25</u>	<u>\$102.63</u>
<u>Intel Core i5-2380P @ 3.10GHz</u>	5749	783	<u>31.94</u>	<u>\$180.00</u>
<u>Intel Core i5-2390T @ 2.70GHz</u>	4223	1057	<u>42.27</u>	<u>\$99.90*</u>
<u>Intel Core i5-2400 @ 3.10GHz</u>	5971	754	<u>100.54</u>	<u>\$59.39</u>
<u>Intel Core i5-2400S @ 2.50GHz</u>	4989	903	<u>14.68</u>	<u>\$339.95*</u>
<u>Intel Core i5-2405S @ 2.50GHz</u>	5082	879	<u>24.44</u>	<u>\$208.00*</u>
<u>Intel Core i5-2410M @ 2.30GHz</u>	3169	1312	<u>44.02</u>	<u>\$72.00*</u>
<u>Intel Core i5-2415M @ 2.30GHz</u>	3303	1272	NA	NA
<u>Intel Core i5-2430M @ 2.40GHz</u>	3286	1274	<u>36.88</u>	<u>\$89.11*</u>
<u>Intel Core i5-2435M @ 2.40GHz</u>	3232	1290	NA	NA
<u>Intel Core i5-2450M @ 2.50GHz</u>	3402	1241	<u>38.65</u>	<u>\$88.02*</u>
<u>Intel Core i5-2450P @ 3.20GHz</u>	6149	736	<u>68.34</u>	<u>\$89.99*</u>
<u>Intel Core i5-2467M @ 1.60GHz</u>	2319	1606	NA	NA
<u>Intel Core i5-2500 @ 3.30GHz</u>	6351	716	<u>115.48</u>	<u>\$55.00</u>
<u>Intel Core i5-2500K @ 3.30GHz</u>	6487	703	<u>14.94</u>	<u>\$434.26*</u>
<u>Intel Core i5-2500S @ 2.70GHz</u>	5379	834	<u>71.74</u>	<u>\$74.99*</u>
<u>Intel Core i5-2500T @ 2.30GHz</u>	4647	967	<u>51.64</u>	<u>\$89.99</u>
<u>Intel Core i5-2510E @ 2.50GHz</u>	3483	1224	NA	NA
<u>Intel Core i5-2515E @ 2.50GHz</u>	3313	1270	NA	NA
<u>Intel Core i5-2520M @ 2.50GHz</u>	3592	1193	<u>21.19</u>	<u>\$169.60*</u>
<u>Intel Core i5-2537M @ 1.40GHz</u>	2064	1717	NA	NA
<u>Intel Core i5-2540M @ 2.60GHz</u>	3785	1145	<u>65.24</u>	<u>\$58.02</u>
<u>Intel Core i5-2550K @ 3.40GHz</u>	6672	686	<u>35.12</u>	<u>\$190.00*</u>
<u>Intel Core i5-2557M @ 1.70GHz</u>	2691	1476	NA	NA
<u>Intel Core i5-2560M @ 2.70GHz</u>	3752	1156	NA	NA
<u>Intel Core i5-3210M @ 2.50GHz</u>	3828	1136	<u>56.10</u>	<u>\$68.24*</u>
<u>Intel Core i5-3230M @ 2.60GHz</u>	3942	1115	<u>17.39</u>	<u>\$226.77*</u>
<u>Intel Core i5-3317U @ 1.70GHz</u>	3090	1341	<u>13.74</u>	<u>\$225.00*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i5-3320M @ 2.60GHz</u>	4133	1074	<u>55.08</u>	<u>\$75.05*</u>
<u>Intel Core i5-3330 @ 3.00GHz</u>	5949	757	<u>29.75</u>	<u>\$200.00*</u>
<u>Intel Core i5-3330S @ 2.70GHz</u>	5678	788	<u>59.78</u>	<u>\$94.99*</u>
<u>Intel Core i5-3335S @ 2.70GHz</u>	5788	775	NA	NA
<u>Intel Core i5-3337U @ 1.80GHz</u>	3229	1292	<u>14.35</u>	<u>\$225.00*</u>
<u>Intel Core i5-3339Y @ 1.50GHz</u>	2215	1658	NA	NA
<u>Intel Core i5-3340 @ 3.10GHz</u>	6094	745	<u>20.80</u>	<u>\$293.01*</u>
<u>Intel Core i5-3340M @ 2.70GHz</u>	4248	1052	<u>53.14</u>	<u>\$79.95*</u>
<u>Intel Core i5-3340S @ 2.80GHz</u>	5846	769	<u>38.98</u>	<u>\$149.99*</u>
<u>Intel Core i5-3350P @ 3.10GHz</u>	6151	735	<u>41.01</u>	<u>\$149.99*</u>
<u>Intel Core i5-3360M @ 2.80GHz</u>	4437	1013	<u>47.82</u>	<u>\$92.81</u>
<u>Intel Core i5-3380M @ 2.90GHz</u>	4442	1012	NA	NA
<u>Intel Core i5-3427U @ 1.80GHz</u>	3545	1203	<u>8.44</u>	<u>\$420.05*</u>
<u>Intel Core i5-3437U @ 1.90GHz</u>	3622	1185	NA	NA
<u>Intel Core i5-3439Y @ 1.50GHz</u>	2930	1396	NA	NA
<u>Intel Core i5-3450 @ 3.10GHz</u>	6538	700	<u>29.81</u>	<u>\$219.33</u>
<u>Intel Core i5-3450S @ 2.80GHz</u>	6229	725	<u>42.09</u>	<u>\$147.99</u>
<u>Intel Core i5-3470 @ 3.20GHz</u>	6722	681	<u>93.33</u>	<u>\$72.03</u>
<u>Intel Core i5-3470S @ 2.90GHz</u>	6387	713	<u>81.90</u>	<u>\$77.99</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i5-3470T @ 2.90GHz</u>	4487	1003	<u>14.52</u>	<u>\$308.95*</u>
<u>Intel Core i5-3475S @ 2.90GHz</u>	6617	693	<u>46.12</u>	<u>\$143.50*</u>
<u>Intel Core i5-3550 @ 3.30GHz</u>	6967	654	<u>69.68</u>	<u>\$99.99*</u>
<u>Intel Core i5-3550S @ 3.00GHz</u>	6910	661	<u>20.95</u>	<u>\$329.95*</u>
<u>Intel Core i5-3570 @ 3.40GHz</u>	7139	638	<u>89.25</u>	<u>\$79.99</u>
<u>Intel Core i5-3570K @ 3.40GHz</u>	7186	635	<u>21.39</u>	<u>\$335.99</u>
<u>Intel Core i5-3570S @ 3.10GHz</u>	6751	677	<u>23.69</u>	<u>\$285.00*</u>
<u>Intel Core i5-3570T @ 2.30GHz</u>	5914	760	NA	NA
<u>Intel Core i5-3610ME @ 2.70GHz</u>	3898	1122	NA	NA
<u>Intel Core i5-4200H @ 2.80GHz</u>	4455	1007	NA	NA
<u>Intel Core i5-4200M @ 2.50GHz</u>	4037	1089	<u>49.77</u>	<u>\$81.12*</u>
<u>Intel Core i5-4200U @ 1.60GHz</u>	3280	1277	NA	NA
<u>Intel Core i5-4200Y @ 1.40GHz</u>	2407	1577	NA	NA
<u>Intel Core i5-4202Y @ 1.60GHz</u>	2262	1636	NA	NA

CPU Benchmarks	CPU Name	Passmark CPU	Rank	CPU Value	Price
		Mark (higher is better)			
Video Card Benchmarks					
Hard Drive Benchmarks					
RAM					
PC Systems					
Android					
iOS / iPhone					
	<u>Intel Core i5-4210H @ 2.90GHz</u>	4534	994	NA	NA
	<u>Intel Core i5-4210M @ 2.60GHz</u>	4206	1061	<u>13.57</u>	<u>\$309.95*</u>
	<u>Intel Core i5-4210U @ 1.70GHz</u>	3401	1242	NA	NA
	<u>Intel Core i5-4210Y @ 1.50GHz</u>	2375	1590	NA	NA
	<u>Intel Core i5-4220Y @ 1.60GHz</u>	2307	1614	NA	NA
	<u>Intel Core i5-4230U @ 1.90GHz</u>	2902	1409	NA	NA
	<u>Intel Core i5-4250U @ 1.30GHz</u>	3376	1252	<u>9.41</u>	<u>\$359.00*</u>
	<u>Intel Core i5-4258U @ 2.40GHz</u>	4090	1081	NA	NA
	<u>Intel Core i5-4260U @ 1.40GHz</u>	3571	1199	NA	NA
	<u>Intel Core i5-4278U @ 2.60GHz</u>	4367	1026	NA	NA
	<u>Intel Core i5-4288U @ 2.60GHz</u>	4309	1042	NA	NA
	<u>Intel Core i5-4300M @ 2.60GHz</u>	4443	1011	NA	NA
	<u>Intel Core i5-4300U @ 1.90GHz</u>	3741	1160	NA	NA
	<u>Intel Core i5-4300Y @ 1.60GHz</u>	2505	1543	NA	NA
	<u>Intel Core i5-4302Y @ 1.60GHz</u>	2971	1380	NA	NA
	<u>Intel Core i5-4308U @ 2.80GHz</u>	4219	1058	NA	NA
	<u>Intel Core i5-4310M @ 2.70GHz</u>	4654	964	NA	NA
	<u>Intel Core i5-4310U @ 2.00GHz</u>	3782	1146	NA	NA
	<u>Intel Core i5-4330M @ 2.80GHz</u>	4551	988	<u>16.55</u>	<u>\$274.99*</u>
	<u>Intel Core i5-4340M @ 2.90GHz</u>	4861	929	NA	NA
	<u>Intel Core i5-4350U @ 1.40GHz</u>	3610	1188	NA	NA
	<u>Intel Core i5-4400E @ 2.70GHz</u>	4548	990	<u>17.10</u>	<u>\$266.00*</u>
	<u>Intel Core i5-4402E @ 1.60GHz</u>	3947	1112	NA	NA
	<u>Intel Core i5-4422E @ 1.80GHz</u>	2806	1442	<u>10.55</u>	<u>\$266.00*</u>
	<u>Intel Core i5-4430 @ 3.00GHz</u>	6338	717	<u>39.62</u>	<u>\$159.99</u>
	<u>Intel Core i5-4430S @ 2.70GHz</u>	5937	759	<u>37.11</u>	<u>\$159.99*</u>
	<u>Intel Core i5-4440 @ 3.10GHz</u>	6517	701	<u>13.11</u>	<u>\$497.00*</u>
	<u>Intel Core i5-4440S @ 2.80GHz</u>	6255	722	<u>13.51</u>	<u>\$462.97*</u>
	<u>Intel Core i5-4460 @ 3.20GHz</u>	6722	682	<u>29.61</u>	<u>\$227.00</u>
	<u>Intel Core i5-4460S @ 2.90GHz</u>	6430	708	<u>9.74</u>	<u>\$659.99*</u>
	<u>Intel Core i5-4460T @ 1.90GHz</u>	4971	906	NA	NA
	<u>Intel Core i5-4570 @ 3.20GHz</u>	7153	637	<u>62.20</u>	<u>\$115.00</u>
	<u>Intel Core i5-4570R @ 2.70GHz</u>	6761	674	NA	NA
	<u>Intel Core i5-4570S @ 2.90GHz</u>	6827	667	<u>32.52</u>	<u>\$209.92</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i5-4570T @ 2.90GHz</u>	4816	936	<u>22.94</u>	<u>\$209.95</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i5-4570TE @ 2.70GHz</u>	3827	1137	<u>19.14</u>	<u>\$199.99*</u>
<u>Intel Core i5-4590 @ 3.30GHz</u>	7337	621	<u>61.15</u>	<u>\$119.99</u>
<u>Intel Core i5-4590S @ 3.00GHz</u>	7068	644	<u>58.91</u>	<u>\$119.99</u>
<u>Intel Core i5-4590T @ 2.00GHz</u>	5621	794	<u>26.77</u>	<u>\$209.95*</u>
<u>Intel Core i5-4670 @ 3.40GHz</u>	7470	607	<u>32.20</u>	<u>\$232.00</u>
<u>Intel Core i5-4670K @ 3.40GHz</u>	7635	595	<u>22.20</u>	<u>\$343.89</u>
<u>Intel Core i5-4670K CPT @ 3.40GHz</u>	7411	614	NA	NA
<u>Intel Core i5-4670R @ 3.00GHz</u>	7419	613	<u>26.88</u>	<u>\$276.00*</u>
<u>Intel Core i5-4670S @ 3.10GHz</u>	7407	616	<u>34.78</u>	<u>\$213.00*</u>
<u>Intel Core i5-4670T @ 2.30GHz</u>	6155	734	<u>23.76</u>	<u>\$259.02*</u>
<u>Intel Core i5-4690 @ 3.50GHz</u>	7691	587	<u>32.18</u>	<u>\$238.99</u>
<u>Intel Core i5-4690K @ 3.50GHz</u>	7797	573	<u>46.14</u>	<u>\$169.00</u>
<u>Intel Core i5-4690S @ 3.20GHz</u>	7401	617	<u>20.60</u>	<u>\$359.21*</u>
<u>Intel Core i5-4690T @ 2.50GHz</u>	6547	698	NA	NA
<u>Intel Core i5-5200U @ 2.20GHz</u>	3495	1221	NA	NA
<u>Intel Core i5-5250U @ 1.60GHz</u>	3587	1195	<u>8.12</u>	<u>\$441.89*</u>
<u>Intel Core i5-5257U @ 2.70GHz</u>	4410	1019	NA	NA
<u>Intel Core i5-5287U @ 2.90GHz</u>	4700	957	NA	NA
<u>Intel Core i5-5300U @ 2.30GHz</u>	3834	1134	<u>7.43</u>	<u>\$515.73*</u>
<u>Intel Core i5-5350U @ 1.80GHz</u>	3500	1220	NA	NA
<u>Intel Core i5-5575R @ 2.80GHz</u>	7484	605	NA	NA
<u>Intel Core i5-5675C @ 3.10GHz</u>	8135	535	<u>26.25</u>	<u>\$309.95*</u>
<u>Intel Core i5-5675R @ 3.10GHz</u>	7991	552	NA	NA
<u>Intel Core i5-6198DU @ 2.30GHz</u>	4154	1070	NA	NA
<u>Intel Core i5-6200U @ 2.30GHz</u>	4008	1094	NA	NA
<u>Intel Core i5-6260U @ 1.80GHz</u>	4360	1029	<u>8.40</u>	<u>\$518.99*</u>
<u>Intel Core i5-6267U @ 2.90GHz</u>	4888	922	NA	NA
<u>Intel Core i5-6287U @ 3.10GHz</u>	4751	950	<u>15.63</u>	<u>\$304.00*</u>
<u>Intel Core i5-6300HQ @ 2.30GHz</u>	6092	746	NA	NA
<u>Intel Core i5-6300U @ 2.40GHz</u>	4364	1027	NA	NA
<u>Intel Core i5-6360U @ 2.00GHz</u>	4686	959	NA	NA
<u>Intel Core i5-6400 @ 2.70GHz</u>	6756	676	<u>28.08</u>	<u>\$240.65*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i5-6400T @ 2.20GHz</u>	5611	798	<u>21.59</u>	<u>\$259.95*</u>
<u>Intel Core i5-6402P @ 2.80GHz</u>	7102	640	<u>37.38</u>	<u>\$189.99*</u>
<u>Intel Core i5-6440EQ @ 2.70GHz</u>	6223	726	NA	NA
<u>Intel Core i5-6440HQ @ 2.60GHz</u>	6815	669	NA	NA
<u>Intel Core i5-6500 @ 3.20GHz</u>	7244	628	<u>45.03</u>	<u>\$160.89</u>
<u>Intel Core i5-6500T @ 2.50GHz</u>	6294	720	<u>43.41</u>	<u>\$144.99*</u>
<u>Intel Core i5-6500TE @ 2.30GHz</u>	6580	696	<u>31.34</u>	<u>\$209.99*</u>
<u>Intel Core i5-6600 @ 3.30GHz</u>	7771	578	<u>29.65</u>	<u>\$262.13*</u>
<u>Intel Core i5-6600K @ 3.50GHz</u>	8058	541	<u>30.63</u>	<u>\$263.11*</u>
<u>Intel Core i5-6600T @ 2.70GHz</u>	7271	625	<u>24.24</u>	<u>\$299.95*</u>
<u>Intel Core i5-7200U @ 2.50GHz</u>	4567	985	NA	NA
<u>Intel Core i5-7260U @ 2.20GHz</u>	5642	792	<u>10.11</u>	<u>\$557.98</u>
<u>Intel Core i5-7267U @ 3.10GHz</u>	4999	900	NA	NA
<u>Intel Core i5-7287U @ 3.30GHz</u>	5656	791	NA	NA
<u>Intel Core i5-7300HQ @ 2.50GHz</u>	6721	683	NA	NA
<u>Intel Core i5-7300U @ 2.60GHz</u>	5166	868	<u>10.76</u>	<u>\$479.99</u>
<u>Intel Core i5-7360U @ 2.30GHz</u>	5855	766	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i5-7400 @ 3.00GHz</u>	7236	630	<u>34.82</u>	<u>\$207.81</u>
<u>Intel Core i5-7400T @ 2.40GHz</u>	6336	718	<u>30.02</u>	<u>\$211.07*</u>
<u>Intel Core i5-7440HQ @ 2.80GHz</u>	7641	593	NA	NA
<u>Intel Core i5-7442EQ @ 2.10GHz</u>	5901	763	<u>23.60</u>	<u>\$250.00*</u>
<u>Intel Core i5-7500 @ 3.40GHz</u>	7938	560	<u>37.98</u>	<u>\$209.00</u>
<u>Intel Core i5-7500T @ 2.70GHz</u>	6950	657	<u>24.83</u>	<u>\$279.95</u>
<u>Intel Core i5-7600 @ 3.50GHz</u>	8640	492	<u>35.41</u>	<u>\$243.99</u>
<u>Intel Core i5-7600K @ 3.80GHz</u>	9050	451	<u>37.24</u>	<u>\$243.00</u>
<u>Intel Core i5-7600T @ 2.80GHz</u>	7974	557	<u>31.23</u>	<u>\$255.38</u>
<u>Intel Core i5-7640X @ 4.00GHz</u>	9472	404	<u>53.41</u>	<u>\$177.35</u>
<u>Intel Core i5-8200Y @ 1.30GHz</u>	4339	1033	<u>14.91</u>	<u>\$291.00*</u>
<u>Intel Core i5-8210Y @ 1.60GHz</u>	4227	1055	NA	NA
<u>Intel Core i5-8250U @ 1.60GHz</u>	7658	592	NA	NA
<u>Intel Core i5-8259U @ 2.30GHz</u>	10991	286	<u>14.26</u>	<u>\$770.71</u>
<u>Intel Core i5-8265U @ 1.60GHz</u>	7990	554	<u>26.90</u>	<u>\$297.00*</u>
<u>Intel Core i5-8265U @ 1.60GHz</u>	7780	576	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i5-8279U @ 2.40GHz</u>	10623	310	<u>33.20</u>	<u>\$320.00*</u>
<u>Intel Core i5-8300H @ 2.30GHz</u>	9476	403	<u>37.91</u>	<u>\$250.00*</u>
<u>Intel Core i5-8305G @ 2.80GHz</u>	8947	466	NA	NA
<u>Intel Core i5-8350U @ 1.70GHz</u>	8150	532	<u>27.44</u>	<u>\$297.00*</u>
<u>Intel Core i5-8365U @ 1.60GHz</u>	8427	512	<u>28.38</u>	<u>\$297.00*</u>
<u>Intel Core i5-8400 @ 2.80GHz</u>	11580	267	<u>57.91</u>	<u>\$199.99</u>
<u>Intel Core i5-8400H @ 2.50GHz</u>	10431	322	<u>41.73</u>	<u>\$250.00*</u>
<u>Intel Core i5-8400T @ 1.70GHz</u>	9503	400	<u>45.47</u>	<u>\$209.00</u>
<u>Intel Core i5-8500 @ 3.00GHz</u>	11833	260	<u>54.03</u>	<u>\$219.00</u>
<u>Intel Core i5-8500B @ 3.00GHz</u>	12756	233	<u>66.44</u>	<u>\$192.00*</u>
<u>Intel Core i5-8500T @ 2.10GHz</u>	9992	354	<u>42.64</u>	<u>\$234.36*</u>
<u>Intel Core i5-8600 @ 3.10GHz</u>	12471	240	<u>44.99</u>	<u>\$277.21*</u>
<u>Intel Core i5-8600K @ 3.60GHz</u>	12680	238	<u>40.75</u>	<u>\$311.20</u>
<u>Intel Core i5-8600T @ 2.30GHz</u>	10981	288	<u>29.92</u>	<u>\$366.99*</u>
<u>Intel Core i5-9300H @ 2.40GHz</u>	9679	386	<u>38.72</u>	<u>\$250.00*</u>
<u>Intel Core i5-9400 @ 2.90GHz</u>	11699	264	<u>63.24</u>	<u>\$184.99</u>
<u>Intel Core i5-9400F @ 2.90GHz</u>	12101	254	<u>86.45</u>	<u>\$139.99</u>
<u>Intel Core i5-9400H @ 2.50GHz</u>	10597	314	<u>42.39</u>	<u>\$250.00*</u>
<u>Intel Core i5-9400T @ 1.80GHz</u>	10606	312	NA	NA
<u>Intel Core i5-9500 @ 3.00GHz</u>	12071	255	<u>52.26</u>	<u>\$230.99</u>
<u>Intel Core i5-9500F @ 3.00GHz</u>	13067	225	<u>64.69</u>	<u>\$202.00*</u>
<u>Intel Core i5-9500T @ 2.20GHz</u>	10645	309	<u>55.45</u>	<u>\$192.00*</u>
<u>Intel Core i5-9600 @ 3.10GHz</u>	13498	212	<u>60.26</u>	<u>\$224.00*</u>
<u>Intel Core i5-9600K @ 3.70GHz</u>	13484	214	<u>56.19</u>	<u>\$239.99</u>
<u>Intel Core i5-9600KF @ 3.70GHz</u>	13488	213	<u>57.40</u>	<u>\$234.99</u>
<u>Intel Core i5-10210U @ 1.60GHz</u>	9094	441	<u>30.62</u>	<u>\$297.00*</u>
<u>Intel Core i5-24050S @ 2.50GHz</u>	4928	913	NA	NA
<u>Intel Core i7-7Y75 @ 1.30GHz</u>	3729	1162	NA	NA
<u>Intel Core i7-610 @ 2.53GHz</u>	1969	1755	NA	NA
<u>Intel Core i7-610E @ 2.53GHz</u>	2544	1527	NA	NA
<u>Intel Core i7-620LM @ 2.00GHz</u>	1954	1763	NA	NA
<u>Intel Core i7-620M @ 2.67GHz</u>	2719	1468	<u>24.72</u>	<u>\$110.01</u>
<u>Intel Core i7-620UM @ 1.07GHz</u>	1323	2080	NA	NA
CPU Name	Passmark CPU Mark	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i7-640LM @ 2.13GHz</u>	2245	1645	NA	NA
<u>Intel Core i7-640M @ 2.80GHz</u>	2827	1432	<u>14.14</u>	<u>\$199.95</u>
<u>Intel Core i7-640UM @ 1.20GHz</u>	1638	1931	NA	NA
<u>Intel Core i7-660UM @ 1.33GHz</u>	1745	1866	NA	NA
<u>Intel Core i7-680UM @ 1.47GHz</u>	1710	1884	NA	NA
<u>Intel Core i7-720QM @ 1.60GHz</u>	3009	1366	<u>27.37</u>	<u>\$109.95*</u>
<u>Intel Core i7-740QM @ 1.73GHz</u>	3191	1306	<u>19.95</u>	<u>\$159.95*</u>
<u>Intel Core i7-820QM @ 1.73GHz</u>	3218	1297	<u>13.42</u>	<u>\$239.95*</u>
<u>Intel Core i7-840QM @ 1.87GHz</u>	3411	1240	<u>11.76</u>	<u>\$289.97*</u>
<u>Intel Core i7-860 @ 2.80GHz</u>	5026	894	<u>17.34</u>	<u>\$289.95</u>
<u>Intel Core i7-860S @ 2.53GHz</u>	4919	916	<u>24.60</u>	<u>\$199.99*</u>
<u>Intel Core i7-870 @ 2.93GHz</u>	5341	840	<u>56.02</u>	<u>\$95.35</u>
<u>Intel Core i7-870S @ 2.67GHz</u>	4849	932	NA	NA
<u>Intel Core i7-875K @ 2.93GHz</u>	5421	823	<u>15.63</u>	<u>\$346.78*</u>
<u>Intel Core i7-880 @ 3.07GHz</u>	5505	813	<u>9.44</u>	<u>\$583.00*</u>
<u>Intel Core i7-920 @ 2.67GHz</u>	4915	917	<u>119.88</u>	<u>\$41.00</u>
<u>Intel Core i7-920XM @ 2.00GHz</u>	3724	1164	<u>9.31</u>	<u>\$399.95*</u>
<u>Intel Core i7-930 @ 2.80GHz</u>	5133	871	<u>46.67</u>	<u>\$109.99</u>
<u>Intel Core i7-940 @ 2.93GHz</u>	5332	842	<u>51.28</u>	<u>\$103.99*</u>
<u>Intel Core i7-940XM @ 2.13GHz</u>	3967	1104	NA	NA
<u>Intel Core i7-950 @ 3.07GHz</u>	5541	809	<u>135.18</u>	<u>\$40.99*</u>
<u>Intel Core i7-960 @ 3.20GHz</u>	5799	772	<u>20.71</u>	<u>\$280.00</u>
<u>Intel Core i7-965 @ 3.20GHz</u>	5850	768	<u>41.79</u>	<u>\$139.99*</u>
<u>Intel Core i7-970 @ 3.20GHz</u>	8359	519	<u>16.72</u>	<u>\$499.95*</u>
<u>Intel Core i7-975 @ 3.33GHz</u>	6118	740	<u>14.75</u>	<u>\$414.90*</u>
<u>Intel Core i7-980 @ 3.33GHz</u>	8601	498	<u>43.01</u>	<u>\$199.98*</u>
<u>Intel Core i7-980X @ 3.33GHz</u>	8750	484	<u>9.62</u>	<u>\$909.99*</u>
<u>Intel Core i7-985 @ 3.47GHz</u>	6641	691	NA	NA
<u>Intel Core i7-990X @ 3.47GHz</u>	9061	446	<u>25.89</u>	<u>\$349.99*</u>
<u>Intel Core i7-995X @ 3.60GHz</u>	9791	375	NA	NA
<u>Intel Core i7-1065G7 @ 1.30GHz</u>	11013	285	NA	NA
<u>Intel Core i7-2600 @ 3.40GHz</u>	8186	530	<u>68.22</u>	<u>\$119.99</u>
<u>Intel Core i7-2600K @ 3.40GHz</u>	8438	510	<u>56.41</u>	<u>\$149.60</u>
<u>Intel Core i7-2600S @ 2.80GHz</u>	7091	642	<u>25.69</u>	<u>\$275.99</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i7-2610UE @ 1.50GHz</u>	2481	1554	NA	NA
<u>Intel Core i7-2617M @ 1.50GHz</u>	2813	1438	NA	NA
<u>Intel Core i7-2620M @ 2.70GHz</u>	3840	1131	<u>22.62</u>	<u>\$169.81*</u>
<u>Intel Core i7-2630QM @ 2.00GHz</u>	5520	812	<u>24.01</u>	<u>\$229.95*</u>
<u>Intel Core i7-2630UM @ 1.60GHz</u>	2584	1509	NA	NA
<u>Intel Core i7-2635QM @ 2.00GHz</u>	5468	819	NA	NA
<u>Intel Core i7-2637M @ 1.70GHz</u>	2900	1411	NA	NA
<u>Intel Core i7-2640M @ 2.80GHz</u>	3923	1119	<u>32.71</u>	<u>\$119.95*</u>
<u>Intel Core i7-2655LE @ 2.20GHz</u>	3229	1291	NA	NA
<u>Intel Core i7-2670QM @ 2.20GHz</u>	5877	765	<u>42.47</u>	<u>\$138.40*</u>
<u>Intel Core i7-2675QM @ 2.20GHz</u>	5537	810	NA	NA
<u>Intel Core i7-2677M @ 1.80GHz</u>	2830	1430	NA	NA
<u>Intel Core i7-2700K @ 3.50GHz</u>	8694	488	<u>29.28</u>	<u>\$296.90</u>
<u>Intel Core i7-2710QE @ 2.10GHz</u>	5768	780	NA	NA
<u>Intel Core i7-2715QE @ 2.10GHz</u>	5365	837	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i7-2720QM @ 2.20GHz</u>	6097	743	<u>32.10</u>	<u>\$189.95</u>
<u>Intel Core i7-2760QM @ 2.40GHz</u>	6560	697	<u>31.25</u>	<u>\$209.95</u>
<u>Intel Core i7-2820QM @ 2.30GHz</u>	6646	689	<u>34.80</u>	<u>\$191.02*</u>
<u>Intel Core i7-2840QM @ 2.40GHz</u>	6766	673	NA	NA
<u>Intel Core i7-2860QM @ 2.50GHz</u>	6956	655	<u>12.86</u>	<u>\$541.00*</u>
<u>Intel Core i7-2920XM @ 2.50GHz</u>	6998	649	<u>15.89</u>	<u>\$440.44*</u>
<u>Intel Core i7-2960XM @ 2.70GHz</u>	7224	632	<u>17.62</u>	<u>\$409.95*</u>
<u>Intel Core i7-3517U @ 1.90GHz</u>	3545	1204	NA	NA
<u>Intel Core i7-3517UE @ 1.70GHz</u>	3150	1325	NA	NA
<u>Intel Core i7-3520M @ 2.90GHz</u>	4547	991	<u>36.69</u>	<u>\$123.96*</u>
<u>Intel Core i7-3537U @ 2.00GHz</u>	3808	1142	NA	NA
<u>Intel Core i7-3540M @ 3.00GHz</u>	4664	962	<u>10.85</u>	<u>\$429.95*</u>
<u>Intel Core i7-3555LE @ 2.50GHz</u>	3966	1105	NA	NA
<u>Intel Core i7-3610QE @ 2.30GHz</u>	6544	699	NA	NA
<u>Intel Core i7-3610QM @ 2.30GHz</u>	7457	609	<u>18.64</u>	<u>\$399.99*</u>
<u>Intel Core i7-3612QE @ 2.10GHz</u>	6712	684	NA	NA
<u>Intel Core i7-3612QM @ 2.10GHz</u>	6815	668	NA	NA
<u>Intel Core i7-3615QE @ 2.30GHz</u>	7458	608	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i7-3615QM @ 2.30GHz</u>	7387	618	NA	NA
<u>Intel Core i7-3630QM @ 2.40GHz</u>	7581	598	<u>31.72</u>	<u>\$239.00*</u>
<u>Intel Core i7-3632QM @ 2.20GHz</u>	6930	660	<u>30.14</u>	<u>\$229.95*</u>
<u>Intel Core i7-3635QM @ 2.40GHz</u>	6666	687	NA	NA
<u>Intel Core i7-3667U @ 2.00GHz</u>	3978	1101	NA	NA
<u>Intel Core i7-3687U @ 2.10GHz</u>	4137	1073	NA	NA
<u>Intel Core i7-3689Y @ 1.50GHz</u>	3220	1296	NA	NA
<u>Intel Core i7-3720QM @ 2.60GHz</u>	8122	538	<u>22.38</u>	<u>\$363.00*</u>
<u>Intel Core i7-3740QM @ 2.70GHz</u>	8312	521	<u>34.64</u>	<u>\$239.95*</u>
<u>Intel Core i7-3770 @ 3.40GHz</u>	9280	424	<u>72.93</u>	<u>\$127.24</u>
<u>Intel Core i7-3770K @ 3.50GHz</u>	9516	399	<u>18.66</u>	<u>\$509.95</u>
<u>Intel Core i7-3770S @ 3.10GHz</u>	8901	471	<u>23.55</u>	<u>\$378.00</u>
<u>Intel Core i7-3770T @ 2.50GHz</u>	8208	528	<u>24.87</u>	<u>\$329.99*</u>
<u>Intel Core i7-3820 @ 3.60GHz</u>	8990	456	<u>22.48</u>	<u>\$399.99*</u>
<u>Intel Core i7-3820QM @ 2.70GHz</u>	8403	513	<u>29.49</u>	<u>\$285.00*</u>
<u>Intel Core i7-3840QM @ 2.80GHz</u>	8762	483	<u>30.22</u>	<u>\$289.95*</u>
<u>Intel Core i7-3920XM @ 2.90GHz</u>	8979	460	<u>8.19</u>	<u>\$1,096.00*</u>
<u>Intel Core i7-3930K @ 3.20GHz</u>	11978	258	<u>52.08</u>	<u>\$229.99</u>
<u>Intel Core i7-3940XM @ 3.00GHz</u>	9160	433	<u>17.00</u>	<u>\$539.00*</u>
<u>Intel Core i7-3960X @ 3.30GHz</u>	12582	239	<u>13.25</u>	<u>\$949.99</u>
<u>Intel Core i7-3970X @ 3.50GHz</u>	12696	236	<u>24.90</u>	<u>\$509.94</u>
<u>Intel Core i7-4500U @ 1.80GHz</u>	3787	1144	NA	NA
<u>Intel Core i7-4510U @ 2.00GHz</u>	3916	1121	NA	NA
<u>Intel Core i7-4550U @ 1.50GHz</u>	3676	1177	NA	NA
<u>Intel Core i7-4558U @ 2.80GHz</u>	4401	1020	NA	NA
<u>Intel Core i7-4560U @ 1.60GHz</u>	4329	1035	NA	NA
<u>Intel Core i7-4578U @ 3.00GHz</u>	4780	944	NA	NA
<u>Intel Core i7-4600M @ 2.90GHz</u>	4901	919	NA	NA
<u>Intel Core i7-4600U @ 2.10GHz</u>	4103	1080	NA	NA
<u>Intel Core i7-4610M @ 3.00GHz</u>	4905	918	NA	NA
<u>Intel Core i7-4610Y @ 1.70GHz</u>	3746	1159	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i7-4650U @ 1.70GHz</u>	3951	1110	NA	NA
<u>Intel Core i7-4700EQ @ 2.40GHz</u>	7203	633	NA	NA

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Video Card Benchmarks	<u>Intel Core i7-4700HQ @ 2.40GHz</u>	7733	582	<u>20.19</u>	<u>\$383.00*</u>
Hard Drive Benchmarks	<u>Intel Core i7-4700MQ @ 2.40GHz</u>	7689	588	<u>40.69</u>	<u>\$189.00*</u>
RAM	<u>Intel Core i7-4702HQ @ 2.20GHz</u>	7429	612	NA	NA
PC Systems	<u>Intel Core i7-4702MQ @ 2.20GHz</u>	7129	639	<u>21.15</u>	<u>\$337.04*</u>
Android	<u>Intel Core i7-4710HQ @ 2.50GHz</u>	7724	585	NA	NA
iOS / iPhone	<u>Intel Core i7-4710MQ @ 2.50GHz</u>	7983	555	<u>29.40</u>	<u>\$271.57*</u>
	<u>Intel Core i7-4712HQ @ 2.30GHz</u>	7533	602	NA	NA
	<u>Intel Core i7-4712MQ @ 2.30GHz</u>	7198	634	NA	NA
	<u>Intel Core i7-4720HQ @ 2.60GHz</u>	7990	553	NA	NA
	<u>Intel Core i7-4722HQ @ 2.40GHz</u>	8093	539	NA	NA
	<u>Intel Core i7-4750HQ @ 2.00GHz</u>	8202	529	NA	NA
	<u>Intel Core i7-4760HQ @ 2.10GHz</u>	8793	478	NA	NA
	<u>Intel Core i7-4765T @ 2.00GHz</u>	7305	623	<u>18.26</u>	<u>\$399.99*</u>
	<u>Intel Core i7-4770 @ 3.40GHz</u>	9783	377	<u>54.66</u>	<u>\$179.00</u>
	<u>Intel Core i7-4770HQ @ 2.20GHz</u>	8952	465	NA	NA
	<u>Intel Core i7-4770K @ 3.50GHz</u>	10077	347	<u>30.54</u>	<u>\$329.98</u>
	<u>Intel Core i7-4770R @ 3.20GHz</u>	9830	371	NA	NA
	<u>Intel Core i7-4770S @ 3.10GHz</u>	9349	414	<u>15.33</u>	<u>\$610.00*</u>
	<u>Intel Core i7-4770T @ 2.50GHz</u>	8604	496	<u>21.51</u>	<u>\$399.99*</u>
	<u>Intel Core i7-4770TE @ 2.30GHz</u>	6732	679	NA	NA
	<u>Intel Core i7-4771 @ 3.50GHz</u>	9865	369	<u>16.17</u>	<u>\$609.99*</u>
	<u>Intel Core i7-4785T @ 2.20GHz</u>	7637	594	NA	NA
	<u>Intel Core i7-4790 @ 3.60GHz</u>	9990	356	<u>56.13</u>	<u>\$177.99</u>
	<u>Intel Core i7-4790K @ 4.00GHz</u>	11169	277	<u>37.11</u>	<u>\$300.99</u>
	<u>Intel Core i7-4790S @ 3.20GHz</u>	9560	397	<u>17.74</u>	<u>\$539.01</u>
	<u>Intel Core i7-4790T @ 2.70GHz</u>	9068	445	<u>25.26</u>	<u>\$359.00*</u>
	<u>Intel Core i7-4800MQ @ 2.70GHz</u>	8442	509	<u>41.39</u>	<u>\$204.00</u>
	<u>Intel Core i7-4810MQ @ 2.80GHz</u>	8651	491	<u>45.55</u>	<u>\$189.95*</u>
	<u>Intel Core i7-4820K @ 3.70GHz</u>	9721	383	<u>44.19</u>	<u>\$219.99*</u>
	<u>Intel Core i7-4850HQ @ 2.30GHz</u>	9056	449	<u>20.87</u>	<u>\$434.00*</u>
	<u>Intel Core i7-4860EQ @ 1.80GHz</u>	7899	562	NA	NA
	<u>Intel Core i7-4860HQ @ 2.40GHz</u>	9282	423	NA	NA
	<u>Intel Core i7-4870HQ @ 2.50GHz</u>	9345	416	NA	NA
	<u>Intel Core i7-4900MQ @ 2.80GHz</u>	8982	458	<u>15.31</u>	<u>\$586.67*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i7-4910MQ @ 2.90GHz</u>	9338	417	<u>20.30</u>	<u>\$459.95*</u>
<u>Intel Core i7-4930K @ 3.40GHz</u>	13024	226	<u>27.39</u>	<u>\$475.58</u>
<u>Intel Core i7-4930MX @ 3.00GHz</u>	9444	411	<u>8.62</u>	<u>\$1,096.00*</u>
<u>Intel Core i7-4940MX @ 3.10GHz</u>	9807	374	<u>13.81</u>	<u>\$709.95*</u>
<u>Intel Core i7-4960HQ @ 2.60GHz</u>	9856	370	<u>15.82</u>	<u>\$623.00*</u>
<u>Intel Core i7-4960X @ 3.60GHz</u>	13815	199	<u>17.94</u>	<u>\$769.99*</u>
<u>Intel Core i7-4980HQ @ 2.80GHz</u>	10295	329	NA	NA
<u>Intel Core i7-5500U @ 2.40GHz</u>	3980	1100	NA	NA
<u>Intel Core i7-5550U @ 2.00GHz</u>	3851	1130	NA	NA
<u>Intel Core i7-5557U @ 3.10GHz</u>	4953	910	<u>7.03</u>	<u>\$705.00*</u>
<u>Intel Core i7-5600U @ 2.60GHz</u>	4326	1036	NA	NA
<u>Intel Core i7-5650U @ 2.20GHz</u>	4224	1056	NA	NA
<u>Intel Core i7-5675C @ 3.10GHz</u>	8164	531	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i7-5700EQ @ 2.60GHz</u>	8239	525	NA	NA
<u>Intel Core i7-5700HQ @ 2.70GHz</u>	8355	520	NA	NA
<u>Intel Core i7-5775C @ 3.30GHz</u>	10869	297	<u>15.84</u>	<u>\$686.32*</u>
<u>Intel Core i7-5775R @ 3.30GHz</u>	10879	296	NA	NA
<u>Intel Core i7-5820K @ 3.30GHz</u>	13013	227	<u>45.03</u>	<u>\$289.00*</u>
<u>Intel Core i7-5850EQ @ 2.70GHz</u>	9817	373	<u>22.57</u>	<u>\$435.00*</u>
<u>Intel Core i7-5850HQ @ 2.70GHz</u>	9459	409	<u>21.80</u>	<u>\$434.00*</u>
<u>Intel Core i7-5930K @ 3.50GHz</u>	13663	202	<u>41.53</u>	<u>\$329.00</u>
<u>Intel Core i7-5950HQ @ 2.90GHz</u>	10850	298	NA	NA
<u>Intel Core i7-5960X @ 3.00GHz</u>	15994	142	<u>16.66</u>	<u>\$959.99*</u>
<u>Intel Core i7-6498DU @ 2.50GHz</u>	4437	1014	NA	NA
<u>Intel Core i7-6500U @ 2.50GHz</u>	4425	1015	<u>11.26</u>	<u>\$393.00*</u>
<u>Intel Core i7-6560U @ 2.20GHz</u>	4812	938	NA	NA
<u>Intel Core i7-6567U @ 3.30GHz</u>	5574	803	NA	NA
<u>Intel Core i7-6600U @ 2.60GHz</u>	4803	939	NA	NA
<u>Intel Core i7-6650U @ 2.20GHz</u>	4973	905	NA	NA
<u>Intel Core i7-6700 @ 3.40GHz</u>	10004	353	<u>29.86</u>	<u>\$334.99</u>
<u>Intel Core i7-6700HQ @ 2.60GHz</u>	8128	536	<u>21.51</u>	<u>\$378.00*</u>
<u>Intel Core i7-6700K @ 4.00GHz</u>	11110	279	<u>35.54</u>	<u>\$312.61*</u>
<u>Intel Core i7-6700T @ 2.80GHz</u>	8999	455	<u>23.94</u>	<u>\$375.99*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i7-6700TE @ 2.40GHz</u>	8674	490	NA	NA
<u>Intel Core i7-6770HQ @ 2.60GHz</u>	9719	384	<u>9.70</u>	<u>\$1,001.88*</u>
<u>Intel Core i7-6800K @ 3.40GHz</u>	13565	208	<u>40.32</u>	<u>\$336.43</u>
<u>Intel Core i7-6820EQ @ 2.80GHz</u>	8630	493	NA	NA
<u>Intel Core i7-6820HK @ 2.70GHz</u>	9120	437	NA	NA
<u>Intel Core i7-6820HQ @ 2.70GHz</u>	8782	479	NA	NA
<u>Intel Core i7-6822EQ @ 2.00GHz</u>	6501	702	NA	NA
<u>Intel Core i7-6850K @ 3.60GHz</u>	14376	182	<u>28.60</u>	<u>\$502.75</u>
<u>Intel Core i7-6900K @ 3.20GHz</u>	17607	105	<u>22.15</u>	<u>\$794.99</u>
<u>Intel Core i7-6920HQ @ 2.90GHz</u>	9560	396	<u>16.83</u>	<u>\$568.00*</u>
<u>Intel Core i7-6950X @ 3.00GHz</u>	19925	71	<u>12.49</u>	<u>\$1,595.39</u>
<u>Intel Core i7-7500U @ 2.70GHz</u>	5122	872	NA	NA
<u>Intel Core i7-7560U @ 2.40GHz</u>	5789	774	NA	NA
<u>Intel Core i7-7567U @ 3.50GHz</u>	6464	704	<u>9.30</u>	<u>\$694.98</u>
<u>Intel Core i7-7600U @ 2.80GHz</u>	5110	875	NA	NA
<u>Intel Core i7-7660U @ 2.50GHz</u>	5993	753	NA	NA
<u>Intel Core i7-7700 @ 3.60GHz</u>	10686	304	<u>33.56</u>	<u>\$318.40</u>
<u>Intel Core i7-7700HQ @ 2.80GHz</u>	8768	481	NA	NA
<u>Intel Core i7-7700K @ 4.20GHz</u>	11996	256	<u>34.57</u>	<u>\$347.00</u>
<u>Intel Core i7-7700T @ 2.90GHz</u>	9288	422	<u>25.45</u>	<u>\$365.00</u>
<u>Intel Core i7-7740X @ 4.30GHz</u>	12228	250	<u>37.51</u>	<u>\$325.99</u>
<u>Intel Core i7-7800X @ 3.50GHz</u>	14634	175	<u>36.59</u>	<u>\$399.99</u>
<u>Intel Core i7-7820EQ @ 3.00GHz</u>	9144	434	<u>24.19</u>	<u>\$378.00*</u>
<u>Intel Core i7-7820HK @ 2.90GHz</u>	9974	359	NA	NA
<u>Intel Core i7-7820HQ @ 2.90GHz</u>	9244	425	<u>24.46</u>	<u>\$378.00*</u>
<u>Intel Core i7-7820X @ 3.60GHz</u>	18524	90	<u>27.29</u>	<u>\$678.75</u>
<u>Intel Core i7-7900X @ 3.30GHz</u>	20474	64	NA	NA
<u>Intel Core i7-7920HQ @ 3.10GHz</u>	9991	355	NA	NA
<u>Intel Core i7-8086K @ 4.00GHz</u>	16690	118	<u>30.18</u>	<u>\$552.96*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i7-8500Y @ 1.50GHz</u>	3971	1102	<u>10.11</u>	<u>\$393.00*</u>
<u>Intel Core i7-8550U @ 1.80GHz</u>	8249	524	NA	NA
<u>Intel Core i7-8559U @ 2.70GHz</u>	12253	248	<u>22.33</u>	<u>\$548.75</u>
<u>Intel Core i7-8565U @ 1.80GHz</u>	8913	468	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i7-8650U @ 1.90GHz</u>	8704	486	NA	NA
<u>Intel Core i7-8665U @ 1.90GHz</u>	9037	453	<u>22.10</u>	<u>\$409.00*</u>
<u>Intel Core i7-8700 @ 3.20GHz</u>	15141	161	<u>50.47</u>	<u>\$299.99</u>
<u>Intel Core i7-8700B @ 3.20GHz</u>	14802	172	<u>48.85</u>	<u>\$303.00*</u>
<u>Intel Core i7-8700K @ 3.70GHz</u>	15929	145	<u>44.87</u>	<u>\$354.99</u>
<u>Intel Core i7-8700T @ 2.40GHz</u>	12692	237	<u>27.65</u>	<u>\$459.00</u>
<u>Intel Core i7-8705G @ 3.10GHz</u>	9935	362	<u>7.05</u>	<u>\$1,408.75*</u>
<u>Intel Core i7-8706G @ 3.10GHz</u>	10539	316	NA	NA
<u>Intel Core i7-8709G @ 3.10GHz</u>	9780	378	NA	NA
<u>Intel Core i7-8750H @ 2.20GHz</u>	12402	241	<u>31.40</u>	<u>\$395.00*</u>
<u>Intel Core i7-8809G @ 3.10GHz</u>	10983	287	NA	NA
<u>Intel Core i7-8850H @ 2.60GHz</u>	13011	228	<u>32.94</u>	<u>\$395.00*</u>
<u>Intel Core i7-9700 @ 3.00GHz</u>	16191	136	<u>49.07</u>	<u>\$329.99</u>
<u>Intel Core i7-9700F @ 3.00GHz</u>	16616	123	<u>51.14</u>	<u>\$324.90</u>
<u>Intel Core i7-9700K @ 3.60GHz</u>	17186	111	<u>47.09</u>	<u>\$364.99</u>
<u>Intel Core i7-9700KF @ 3.60GHz</u>	17291	108	<u>49.41</u>	<u>\$349.99</u>
<u>Intel Core i7-9700T @ 2.00GHz</u>	13435	217	<u>41.59</u>	<u>\$323.00*</u>
<u>Intel Core i7-9750H @ 2.60GHz</u>	13581	206	NA	NA
<u>Intel Core i7-9800X @ 3.80GHz</u>	19727	77	<u>32.88</u>	<u>\$599.99</u>
<u>Intel Core i7-9850H @ 2.60GHz</u>	14412	180	<u>36.49</u>	<u>\$395.00*</u>
<u>Intel Core i7-10510U @ 1.80GHz</u>	9602	394	<u>23.48</u>	<u>\$409.00*</u>
<u>Intel Core i9-7900X @ 3.30GHz</u>	21886	47	<u>21.89</u>	<u>\$999.99</u>
<u>Intel Core i9-7920X @ 2.90GHz</u>	23285	37	<u>24.01</u>	<u>\$969.99</u>
<u>Intel Core i9-7940X @ 3.10GHz</u>	25383	20	<u>19.53</u>	<u>\$1,299.99</u>
<u>Intel Core i9-7960X @ 2.80GHz</u>	26096	16	<u>19.33</u>	<u>\$1,349.99*</u>
<u>Intel Core i9-7980XE @ 2.60GHz</u>	27641	13	<u>13.96</u>	<u>\$1,979.99</u>
<u>Intel Core i9-8950HK @ 2.90GHz</u>	14257	186	<u>24.46</u>	<u>\$583.00*</u>
<u>Intel Core i9-9820X @ 3.30GHz</u>	21640	50	<u>28.85</u>	<u>\$749.99</u>
<u>Intel Core i9-9880H @ 2.30GHz</u>	16576	124	<u>29.81</u>	<u>\$556.00*</u>
<u>Intel Core i9-9900 @ 3.10GHz</u>	18111	98	<u>41.16</u>	<u>\$439.99</u>
<u>Intel Core i9-9900K @ 3.60GHz</u>	20197	68	<u>42.52</u>	<u>\$474.99</u>
<u>Intel Core i9-9900KF @ 3.60GHz</u>	20661	62	<u>43.96</u>	<u>\$469.99</u>
<u>Intel Core i9-9900X @ 3.50GHz</u>	23037	39	<u>26.48</u>	<u>\$869.99</u>
<u>Intel Core i9-9920X @ 3.50GHz</u>	25222	23	<u>23.07</u>	<u>\$1,093.41</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i9-9940X @ 3.30GHz</u>	27142	14	<u>24.56</u>	<u>\$1,104.99</u>
<u>Intel Core i9-9960X @ 3.10GHz</u>	27930	11	<u>18.75</u>	<u>\$1,489.99</u>
<u>Intel Core i9-9980HK @ 2.40GHz</u>	17721	103	<u>30.40</u>	<u>\$583.00*</u>
<u>Intel Core i9-9980XE @ 3.00GHz</u>	29572	6	<u>14.86</u>	<u>\$1,989.99</u>
<u>Intel Core m3-6Y30 @ 0.90GHz</u>	3025	1361	<u>10.77</u>	<u>\$281.00*</u>
<u>Intel Core m3-7Y30 @ 1.00GHz</u>	3528	1212	NA	NA
<u>Intel Core m3-7Y32 @ 1.10GHz</u>	3318	1268	NA	NA
<u>Intel Core m3-8100Y @ 1.10GHz</u>	3562	1200	<u>12.68</u>	<u>\$281.00*</u>
<u>Intel Core m5-6Y54 @ 1.10GHz</u>	3351	1257	NA	NA
<u>Intel Core m5-6Y57 @ 1.10GHz</u>	3225	1294	NA	NA
<u>Intel Core m7-6Y75 @ 1.20GHz</u>	3459	1229	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core M-5Y10 @ 0.80GHz</u>	2653	1486	NA	NA
<u>Intel Core M-5Y10a @ 0.80GHz</u>	2387	1587	NA	NA
<u>Intel Core M-5Y10c @ 0.80GHz</u>	2817	1436	<u>10.03</u>	<u>\$281.00*</u>
<u>Intel Core M-5Y31 @ 0.90GHz</u>	2832	1429	NA	NA
<u>Intel Core M-5Y51 @ 1.10GHz</u>	2508	1540	NA	NA
<u>Intel Core M-5Y70 @ 1.10GHz</u>	2912	1402	NA	NA
<u>Intel Core M-5Y71 @ 1.20GHz</u>	2991	1372	<u>10.65</u>	<u>\$281.00*</u>
<u>Intel Core Solo T1300 @ 1.66GHz</u>	393	2658	NA	NA
<u>Intel Core Solo T1350 @ 1.86GHz</u>	396	2651	NA	NA
<u>Intel Core Solo T1400 @ 1.83GHz</u>	470	2568	NA	NA
<u>Intel Core Solo U1300 @ 1.06GHz</u>	273	2811	NA	NA
<u>Intel Core Solo U1400 @ 1.20GHz</u>	278	2805	NA	NA
<u>Intel Core Solo U1500 @ 1.33GHz</u>	330	2726	NA	NA
<u>Intel E3000 @ 3.40GHz</u>	2767	1451	NA	NA
<u>Intel Pentium 4 1.40GHz</u>	164	2912	NA	NA
<u>Intel Pentium 4 1.50GHz</u>	131	2929	NA	NA
<u>Intel Pentium 4 1.60GHz</u>	129	2931	NA	NA
<u>Intel Pentium 4 1.70GHz</u>	132	2928	NA	NA
<u>Intel Pentium 4 1.80GHz</u>	161	2915	NA	NA
<u>Intel Pentium 4 1.90GHz</u>	159	2916	NA	NA
<u>Intel Pentium 4 2.00GHz</u>	189	2894	NA	NA
<u>Intel Pentium 4 2.20GHz</u>	209	2876	NA	NA

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)		
<u>Intel Pentium 4 2.26GHz</u>	221	2864	NA	NA		
<u>Intel Pentium 4 2.40GHz</u>	228	2858	NA	NA		
<u>Intel Pentium 4 2.50GHz</u>	245	2842	NA	NA		
<u>Intel Pentium 4 2.53GHz</u>	248	2838	NA	NA		
<u>Intel Pentium 4 2.60GHz</u>	288	2784	NA	NA		
<u>Intel Pentium 4 2.66GHz</u>	254	2830	NA	NA		
<u>Intel Pentium 4 2.80GHz</u>	322	2732	NA	NA		
<u>Intel Pentium 4 2.93GHz</u>	293	2775	NA	NA		
<u>Intel Pentium 4 3.00GHz</u>	353	2704	NA	NA		
<u>Intel Pentium 4 3.06GHz</u>	347	2707	NA	NA		
<u>Intel Pentium 4 3.20GHz</u>	373	2678	NA	NA		
<u>Intel Pentium 4 3.40GHz</u>	395	2653	NA	NA		
<u>Intel Pentium 4 3.46GHz</u>	454	2586	NA	NA		
<u>Intel Pentium 4 3.60GHz</u>	487	2547	NA	NA		
<u>Intel Pentium 4 3.73GHz</u>	486	2550	NA	NA		
<u>Intel Pentium 4 3.80GHz</u>	485	2552	NA	NA		
<u>Intel Pentium 4 3.83GHz</u>	195	2889	NA	NA		
<u>Intel Pentium 4 4.00GHz</u>	184	2899	NA	NA		
<u>Intel Pentium 4 1300MHz</u>	119	2935	NA	NA		
<u>Intel Pentium 4 1400MHz</u>	127	2932	NA	NA		
<u>Intel Pentium 4 1500MHz</u>	125	2933	NA	NA		
<u>Intel Pentium 4 1600MHz</u>	193	2893	<u>0.30</u>	<u>\$647.45*</u>		
<u>Intel Pentium 4 1700MHz</u>	154	2919	NA	NA		
<u>Intel Pentium 4 1800MHz</u>	162	2914	NA	NA		
<u>Intel Pentium 4 Mobile 1.40GHz</u>	149	2922	NA	NA		
<u>Intel Pentium 4 Mobile 1.50GHz</u>	197	2888	NA	NA		
<u>Intel Pentium 4 Mobile 1.60GHz</u>	178	2905	NA	NA		
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)		
<u>Intel Pentium 4 Mobile 1.70GHz</u>	208	2877	NA	NA		
<u>Intel Pentium 4 Mobile 1.80GHz</u>	175	2908	NA	NA		
<u>Intel Pentium 4 Mobile 1.90GHz</u>	209	2875	NA	NA		
<u>Intel Pentium 4 Mobile 2.00GHz</u>	202	2884	NA	NA		
<u>Intel Pentium 5 2.66GHz</u>	705	2427	NA	NA		
<u>Intel Pentium 957 @ 1.20GHz</u>	1095	2213	<u>8.18</u>	<u>\$134.00*</u>		

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Passmark CPU Mark (higher is better)	RAM	Rank (lower is better) PC Systems	CPU Value (higher is better) Android	Price (USD) iOS / iPhone
			<u>Intel Pentium 967 @ 1.30GHz</u>	1139	2193	NA	NA
			<u>Intel Pentium 977 @ 1.40GHz</u>	1148	2187	NA	NA
			<u>Intel Pentium 987 @ 1.50GHz</u>	1228	2139	NA	NA
			<u>Intel Pentium 997 @ 1.60GHz</u>	1395	2039	NA	NA
			<u>Intel Pentium 1403 @ 2.60GHz</u>	2742	1462	NA	NA
			<u>Intel Pentium 1403 v2 @ 2.60GHz</u>	3018	1362	NA	NA
			<u>Intel Pentium 2020M @ 2.40GHz</u>	2275	1627	<u>16.98</u>	<u>\$134.00*</u>
			<u>Intel Pentium 2030M @ 2.50GHz</u>	2398	1582	<u>17.90</u>	<u>\$134.00*</u>
			<u>Intel Pentium 2117U @ 1.80GHz</u>	1654	1925	<u>12.35</u>	<u>\$134.00*</u>
			<u>Intel Pentium 2127U @ 1.90GHz</u>	1821	1836	<u>13.59</u>	<u>\$134.00*</u>
			<u>Intel Pentium 2129Y @ 1.10GHz</u>	1062	2232	<u>7.93</u>	<u>\$134.00*</u>
			<u>Intel Pentium 3550M @ 2.30GHz</u>	2277	1626	NA	NA
			<u>Intel Pentium 3556U @ 1.70GHz</u>	1691	1900	NA	NA
			<u>Intel Pentium 3558U @ 1.70GHz</u>	1679	1906	NA	NA
			<u>Intel Pentium 3560M @ 2.40GHz</u>	2269	1634	NA	NA
			<u>Intel Pentium 3560Y @ 1.20GHz</u>	1266	2119	NA	NA
			<u>Intel Pentium 3805U @ 1.90GHz</u>	1970	1754	NA	NA
			<u>Intel Pentium 3825U @ 1.90GHz</u>	2519	1535	NA	NA
			<u>Intel Pentium 4405U @ 2.10GHz</u>	2931	1394	NA	NA
			<u>Intel Pentium 4405Y @ 1.50GHz</u>	2059	1720	NA	NA
			<u>Intel Pentium 4410Y @ 1.50GHz</u>	2050	1724	<u>12.73</u>	<u>\$161.00*</u>
			<u>Intel Pentium 4415U @ 2.30GHz</u>	3151	1324	NA	NA
			<u>Intel Pentium 4415Y @ 1.60GHz</u>	2220	1657	<u>13.79</u>	<u>\$161.00*</u>
			<u>Intel Pentium 4417U @ 2.30GHz</u>	3243	1286	<u>20.15</u>	<u>\$161.00*</u>
			<u>Intel Pentium 5405U @ 2.30GHz</u>	3179	1308	<u>19.75</u>	<u>\$161.00*</u>
			<u>Intel Pentium A1018 @ 2.10GHz</u>	1605	1948	NA	NA
			<u>Intel Pentium B940 @ 2.00GHz</u>	1727	1872	<u>57.69</u>	<u>\$29.94*</u>
			<u>Intel Pentium B950 @ 2.10GHz</u>	1716	1879	NA	NA
			<u>Intel Pentium B960 @ 2.20GHz</u>	1853	1815	<u>37.83</u>	<u>\$48.99*</u>
			<u>Intel Pentium B970 @ 2.30GHz</u>	1952	1766	<u>38.28</u>	<u>\$50.99*</u>
			<u>Intel Pentium B980 @ 2.40GHz</u>	2026	1732	<u>28.97</u>	<u>\$69.95*</u>
			<u>Intel Pentium D1508 @ 2.20GHz</u>	3813	1141	<u>29.56</u>	<u>\$129.00*</u>
			<u>Intel Pentium D 805 @ 2.66GHz</u>	529	2516	NA	NA
			<u>Intel Pentium D 830 @ 3.00GHz</u>	642	2459	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Pentium D 915 @ 2.80GHz</u>	582	2487	NA	NA
<u>Intel Pentium D 940 @ 3.20GHz</u>	711	2424	NA	NA
<u>Intel Pentium D 950 @ 3.40GHz</u>	742	2412	NA	NA
<u>Intel Pentium D 960 @ 3.60GHz</u>	811	2382	NA	NA
<u>Intel Pentium E2140 @ 1.60GHz</u>	870	2349	<u>5.51</u>	<u>\$157.95*</u>
<u>Intel Pentium E2160 @ 1.80GHz</u>	999	2270	<u>64.44</u>	<u>\$15.51</u>
<u>Intel Pentium E2180 @ 2.00GHz</u>	1087	2218	<u>36.27</u>	<u>\$29.99</u>
<u>Intel Pentium E2200 @ 2.20GHz</u>	1202	2154	<u>16.04</u>	<u>\$75.00*</u>
<u>Intel Pentium E2210 @ 2.20GHz</u>	1174	2167	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Pentium E2220 @ 2.40GHz</u>	1331	2077	<u>15.48</u>	<u>\$85.99*</u>
<u>Intel Pentium E5200 @ 2.50GHz</u>	1486	2003	<u>41.37</u>	<u>\$35.94*</u>
<u>Intel Pentium E5300 @ 2.60GHz</u>	1538	1977	<u>59.22</u>	<u>\$25.98</u>
<u>Intel Pentium E5400 @ 2.70GHz</u>	1597	1955	<u>121.76</u>	<u>\$13.12</u>
<u>Intel Pentium E5500 @ 2.80GHz</u>	1636	1932	<u>62.96</u>	<u>\$25.99</u>
<u>Intel Pentium E5700 @ 3.00GHz</u>	1737	1870	<u>115.92</u>	<u>\$14.99*</u>
<u>Intel Pentium E5800 @ 3.20GHz</u>	1889	1800	<u>63.01</u>	<u>\$29.99*</u>
<u>Intel Pentium E6300 @ 2.80GHz</u>	1705	1889	<u>165.62</u>	<u>\$10.30*</u>
<u>Intel Pentium E6500 @ 2.93GHz</u>	1764	1853	<u>11.17</u>	<u>\$157.95*</u>
<u>Intel Pentium E6600 @ 3.06GHz</u>	1861	1813	<u>18.62</u>	<u>\$100.00*</u>
<u>Intel Pentium E6700 @ 3.20GHz</u>	1931	1775	<u>135.08</u>	<u>\$14.30*</u>
<u>Intel Pentium E6800 @ 3.33GHz</u>	1988	1746	<u>22.34</u>	<u>\$89.00*</u>
<u>Intel Pentium Extreme Edition 955 @ 3.46GHz</u>	912	2335	<u>1.20</u>	<u>\$759.00*</u>
<u>Intel Pentium Extreme Edition 965 @ 3.73GHz</u>	961	2297	NA	NA
<u>Intel Pentium G620 @ 2.60GHz</u>	2286	1621	<u>91.49</u>	<u>\$24.99*</u>
<u>Intel Pentium G620T @ 2.20GHz</u>	2033	1729	<u>25.42</u>	<u>\$79.99*</u>
<u>Intel Pentium G630 @ 2.70GHz</u>	2371	1592	<u>23.72</u>	<u>\$100.00*</u>
<u>Intel Pentium G630T @ 2.30GHz</u>	2089	1704	<u>26.12</u>	<u>\$79.99*</u>
<u>Intel Pentium G640 @ 2.80GHz</u>	2520	1534	<u>16.81</u>	<u>\$150.00*</u>
<u>Intel Pentium G640T @ 2.40GHz</u>	1979	1750	NA	NA
<u>Intel Pentium G645 @ 2.90GHz</u>	2587	1508	<u>16.17</u>	<u>\$160.00*</u>
<u>Intel Pentium G645T @ 2.50GHz</u>	2255	1640	NA	NA
<u>Intel Pentium G840 @ 2.80GHz</u>	2559	1520	<u>73.14</u>	<u>\$34.99*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Pentium G850 @ 2.90GHz</u>	2663	1485	<u>12.77</u>	<u>\$208.59</u>
<u>Intel Pentium G860 @ 3.00GHz</u>	2735	1465	<u>91.22</u>	<u>\$29.99*</u>
<u>Intel Pentium G870 @ 3.10GHz</u>	2819	1435	<u>29.07</u>	<u>\$97.00*</u>
<u>Intel Pentium G2010 @ 2.80GHz</u>	2597	1504	<u>74.44</u>	<u>\$34.89*</u>
<u>Intel Pentium G2020 @ 2.90GHz</u>	2754	1460	<u>45.95</u>	<u>\$59.95*</u>
<u>Intel Pentium G2020T @ 2.50GHz</u>	2418	1572	<u>50.81</u>	<u>\$47.60*</u>
<u>Intel Pentium G2030 @ 3.00GHz</u>	2869	1421	<u>71.76</u>	<u>\$39.99*</u>
<u>Intel Pentium G2030T @ 2.60GHz</u>	2487	1551	<u>38.86</u>	<u>\$64.00*</u>
<u>Intel Pentium G2100T @ 2.60GHz</u>	2763	1456	NA	NA
<u>Intel Pentium G2120 @ 3.10GHz</u>	3079	1347	<u>19.30</u>	<u>\$159.55*</u>
<u>Intel Pentium G2130 @ 3.20GHz</u>	3199	1301	<u>64.00</u>	<u>\$49.99*</u>
<u>Intel Pentium G2140 @ 3.30GHz</u>	3384	1250	<u>41.28</u>	<u>\$82.00*</u>
<u>Intel Pentium G3220 @ 3.00GHz</u>	3127	1330	<u>27.44</u>	<u>\$113.99</u>
<u>Intel Pentium G3220T @ 2.60GHz</u>	2557	1521	<u>40.62</u>	<u>\$62.98</u>
<u>Intel Pentium G3240 @ 3.10GHz</u>	3154	1322	<u>32.86</u>	<u>\$96.00</u>
<u>Intel Pentium G3240T @ 2.70GHz</u>	2840	1425	NA	NA
<u>Intel Pentium G3250 @ 3.20GHz</u>	3242	1288	<u>29.48</u>	<u>\$109.99*</u>
<u>Intel Pentium G3250T @ 2.80GHz</u>	2970	1382	<u>33.01</u>	<u>\$89.99*</u>
<u>Intel Pentium G3258 @ 3.20GHz</u>	3866	1125	<u>25.27</u>	<u>\$152.98</u>
<u>Intel Pentium G3260 @ 3.30GHz</u>	3361	1255	<u>24.01</u>	<u>\$139.99*</u>
<u>Intel Pentium G3260T @ 2.90GHz</u>	2930	1395	<u>32.56</u>	<u>\$89.99*</u>
<u>Intel Pentium G3320TE @ 2.30GHz</u>	2389	1584	NA	NA
<u>Intel Pentium G3420 @ 3.20GHz</u>	3397	1244	<u>23.91</u>	<u>\$142.07</u>
<u>Intel Pentium G3420T @ 2.70GHz</u>	3008	1367	<u>18.80</u>	<u>\$159.99*</u>
<u>Intel Pentium G3430 @ 3.30GHz</u>	3395	1246	<u>37.74</u>	<u>\$89.99*</u>
<u>Intel Pentium G3440 @ 3.30GHz</u>	3319	1267	<u>20.75</u>	<u>\$159.94*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Pentium G3440T @ 2.80GHz</u>	3101	1338	NA	NA
<u>Intel Pentium G3450 @ 3.40GHz</u>	3695	1171	<u>36.96</u>	<u>\$99.99*</u>
<u>Intel Pentium G3450T @ 2.90GHz</u>	2967	1384	NA	NA
<u>Intel Pentium G3460 @ 3.50GHz</u>	3582	1197	<u>12.43</u>	<u>\$288.20*</u>
<u>Intel Pentium G3470 @ 3.60GHz</u>	3714	1168	<u>35.62</u>	<u>\$104.29*</u>
<u>Intel Pentium G4400 @ 3.30GHz</u>	3540	1205	<u>48.79</u>	<u>\$72.57</u>
<u>Intel Pentium G4400T @ 2.90GHz</u>	3163	1316	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Pentium G4400TE @ 2.40GHz</u>	2885	1419	<u>45.09</u>	<u>\$64.00*</u>
<u>Intel Pentium G4500 @ 3.50GHz</u>	3791	1143	<u>42.13</u>	<u>\$89.99</u>
<u>Intel Pentium G4500T @ 3.00GHz</u>	3471	1226	NA	NA
<u>Intel Pentium G4520 @ 3.60GHz</u>	4184	1063	<u>38.05</u>	<u>\$109.98</u>
<u>Intel Pentium G4560 @ 3.50GHz</u>	4863	928	<u>49.12</u>	<u>\$99.02</u>
<u>Intel Pentium G4560T @ 2.90GHz</u>	3990	1098	<u>36.28</u>	<u>\$109.99*</u>
<u>Intel Pentium G4600 @ 3.60GHz</u>	5075	880	<u>21.15</u>	<u>\$239.95</u>
<u>Intel Pentium G4600T @ 3.00GHz</u>	4266	1048	<u>24.06</u>	<u>\$177.28*</u>
<u>Intel Pentium G4620 @ 3.70GHz</u>	5214	859	<u>45.88</u>	<u>\$113.66*</u>
<u>Intel Pentium G6950 @ 2.80GHz</u>	1859	1814	<u>46.49</u>	<u>\$39.99*</u>
<u>Intel Pentium G6951 @ 2.80GHz</u>	2135	1684	<u>22.72</u>	<u>\$94.00*</u>
<u>Intel Pentium G6960 @ 2.93GHz</u>	2059	1721	NA	NA
<u>Intel Pentium Gold G5400 @ 3.70GHz</u>	5200	862	<u>80.02</u>	<u>\$64.99</u>
<u>Intel Pentium Gold G5400T @ 3.10GHz</u>	5048	889	<u>78.89</u>	<u>\$64.00*</u>
<u>Intel Pentium Gold G5420 @ 3.80GHz</u>	5407	827	<u>61.47</u>	<u>\$87.98</u>
<u>Intel Pentium Gold G5500 @ 3.80GHz</u>	5195	863	<u>30.57</u>	<u>\$169.94*</u>
<u>Intel Pentium Gold G5500T @ 3.20GHz</u>	4346	1030	<u>57.95</u>	<u>\$75.00*</u>
<u>Intel Pentium Gold G5600 @ 3.90GHz</u>	5570	805	<u>53.07</u>	<u>\$104.96</u>
<u>Intel Pentium III 933S @ 933MHz</u>	238	2850	NA	NA
<u>Intel Pentium III 1133 @ 1133MHz</u>	284	2789	NA	NA
<u>Intel Pentium III 1200 @ 1200MHz</u>	278	2804	NA	NA
<u>Intel Pentium III 1266S @ 1266MHz</u>	309	2749	NA	NA
<u>Intel Pentium III 1400 @ 1400MHz</u>	297	2768	NA	NA
<u>Intel Pentium III 1400S @ 1400MHz</u>	299	2765	NA	NA
<u>Intel Pentium III Mobile 750MHz</u>	103	2938	NA	NA
<u>Intel Pentium III Mobile 800MHz</u>	182	2902	NA	NA
<u>Intel Pentium III Mobile 866MHz</u>	152	2920	NA	NA
<u>Intel Pentium III Mobile 933MHz</u>	218	2866	<u>7.55</u>	<u>\$28.99</u>
<u>Intel Pentium III Mobile 1000MHz</u>	245	2841	NA	NA
<u>Intel Pentium III Mobile 1066MHz</u>	246	2840	NA	NA
<u>Intel Pentium III Mobile 1133MHz</u>	251	2834	NA	NA
<u>Intel Pentium III Mobile 1200MHz</u>	240	2848	NA	NA
<u>Intel Pentium J2850 @ 2.41GHz</u>	1839	1825	NA	NA
<u>Intel Pentium J2900 @ 2.41GHz</u>	1973	1752	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Pentium J3710 @ 1.60GHz</u>	1913	1784	NA	NA
<u>Intel Pentium J4205 @ 1.50GHz</u>	2271	1632	NA	NA
<u>Intel Pentium M 1.10GHz</u>	282	2795	NA	NA
<u>Intel Pentium M 1.20GHz</u>	298	2766	NA	NA
<u>Intel Pentium M 1.30GHz</u>	301	2759	NA	NA
<u>Intel Pentium M 1.40GHz</u>	345	2711	NA	NA
<u>Intel Pentium M 1.50GHz</u>	366	2688	NA	NA
<u>Intel Pentium M 1.60GHz</u>	364	2691	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Pentium M 1.70GHz</u>	406	2636	NA	NA
<u>Intel Pentium M 1.73GHz</u>	413	2627	NA	NA
<u>Intel Pentium M 1.80GHz</u>	411	2629	NA	NA
<u>Intel Pentium M 1.86GHz</u>	439	2603	NA	NA
<u>Intel Pentium M 2.00GHz</u>	461	2578	NA	NA
<u>Intel Pentium M 2.10GHz</u>	448	2591	NA	NA
<u>Intel Pentium M 2.13GHz</u>	502	2538	NA	NA
<u>Intel Pentium M 2.26GHz</u>	509	2534	NA	NA
<u>Intel Pentium M 756 @ 1.66GHz</u>	484	2557	NA	NA
<u>Intel Pentium M 900MHz</u>	217	2870	NA	NA
<u>Intel Pentium M 1000MHz</u>	233	2854	NA	NA
<u>Intel Pentium M 1100MHz</u>	259	2826	NA	NA
<u>Intel Pentium M 1200MHz</u>	237	2851	NA	NA
<u>Intel Pentium M 1300MHz</u>	303	2753	NA	NA
<u>Intel Pentium M 1400MHz</u>	320	2734	NA	NA
<u>Intel Pentium M 1500MHz</u>	354	2701	NA	NA
<u>Intel Pentium M 1600MHz</u>	335	2721	NA	NA
<u>Intel Pentium M 1700MHz</u>	376	2673	NA	NA
<u>Intel Pentium N3510 @ 1.99GHz</u>	1519	1984	NA	NA
<u>Intel Pentium N3520 @ 2.16GHz</u>	1808	1838	NA	NA
<u>Intel Pentium N3530 @ 2.16GHz</u>	1912	1786	NA	NA
<u>Intel Pentium N3540 @ 2.16GHz</u>	1933	1774	<u>7.71</u>	<u>\$250.87*</u>
<u>Intel Pentium N3700 @ 1.60GHz</u>	1837	1826	<u>4.13</u>	<u>\$444.78*</u>
<u>Intel Pentium N3710 @ 1.60GHz</u>	1865	1810	NA	NA
<u>Intel Pentium N4200 @ 1.10GHz</u>	2038	1727	<u>8.71</u>	<u>\$233.98*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Pentium P6000 @ 1.87GHz</u>	1243	2134	NA	NA
<u>Intel Pentium P6100 @ 2.00GHz</u>	1326	2079	<u>46.64</u>	<u>\$28.44*</u>
<u>Intel Pentium P6200 @ 2.13GHz</u>	1350	2066	<u>30.05</u>	<u>\$44.95*</u>
<u>Intel Pentium P6300 @ 2.27GHz</u>	1388	2045	NA	NA
<u>Intel Pentium Silver J5005 @ 1.50GHz</u>	2908	1404	<u>13.23</u>	<u>\$219.92*</u>
<u>Intel Pentium Silver N5000 @ 1.10GHz</u>	2467	1556	<u>15.33</u>	<u>\$161.00*</u>
<u>Intel Pentium SU2700 @ 1.30GHz</u>	405	2637	NA	NA
<u>Intel Pentium SU4100 @ 1.30GHz</u>	853	2360	NA	NA
<u>Intel Pentium T1080 @ 1.73GHz</u>	842	2364	NA	NA
<u>Intel Pentium T2060 @ 1.60GHz</u>	663	2448	NA	NA
<u>Intel Pentium T2080 @ 1.73GHz</u>	705	2428	<u>4.41</u>	<u>\$159.95*</u>
<u>Intel Pentium T2130 @ 1.86GHz</u>	708	2425	NA	NA
<u>Intel Pentium T2310 @ 1.46GHz</u>	735	2414	NA	NA
<u>Intel Pentium T2330 @ 1.60GHz</u>	831	2370	NA	NA
<u>Intel Pentium T2370 @ 1.73GHz</u>	847	2362	<u>24.21</u>	<u>\$35.00*</u>
<u>Intel Pentium T2390 @ 1.86GHz</u>	948	2309	NA	NA
<u>Intel Pentium T2410 @ 2.00GHz</u>	977	2285	NA	NA
<u>Intel Pentium T3200 @ 2.00GHz</u>	1032	2246	<u>86.01</u>	<u>\$12.00*</u>
<u>Intel Pentium T3400 @ 2.16GHz</u>	1114	2200	<u>12.39</u>	<u>\$89.95*</u>
<u>Intel Pentium T4200 @ 2.00GHz</u>	1152	2184	<u>96.00</u>	<u>\$12.00*</u>
<u>Intel Pentium T4300 @ 2.10GHz</u>	1231	2138	NA	NA
<u>Intel Pentium T4400 @ 2.20GHz</u>	1284	2107	NA	NA
<u>Intel Pentium T4500 @ 2.30GHz</u>	1333	2075	NA	NA
<u>Intel Pentium U5400 @ 1.20GHz</u>	814	2377	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Pentium U5600 @ 1.33GHz</u>	951	2306	NA	NA
<u>Intel T1200 @ 1.50GHz</u>	435	2609	NA	NA
<u>Intel T1400 @ 1.73GHz</u>	929	2321	NA	NA
<u>Intel T1500 @ 1.86GHz</u>	953	2304	NA	NA
<u>Intel T2050 @ 2.00GHz</u>	959	2301	NA	NA
<u>Intel Xeon 2.00GHz</u>	233	2853	NA	NA
<u>Intel XEON 2.20GHz</u>	252	2832	NA	NA
<u>Intel Xeon 2.40GHz</u>	276	2807	<u>30.35</u>	<u>\$9.10*</u>
<u>Intel Xeon 2.66GHz</u>	435	2608	NA	NA

CPU Benchmarks	CPU Name	Passmark CPU	Rank	CPU Value	Price
		Mark (higher is better)			
Video Card Benchmarks					
Hard Drive Benchmarks					
RAM					
PC Systems					
Android					
iOS / iPhone					
	<u>Intel Xeon 2.80GHz</u>	400	2649	NA	NA
	<u>Intel Xeon 3.00GHz</u>	391	2662	NA	NA
	<u>Intel Xeon 3.06GHz</u>	491	2544	NA	NA
	<u>Intel Xeon 3.20GHz</u>	461	2579	NA	NA
	<u>Intel Xeon 3.40GHz</u>	478	2561	NA	NA
	<u>Intel Xeon 3.60GHz</u>	509	2533	<u>0.60</u>	<u>\$851.00*</u>
	<u>Intel Xeon 3.73GHz</u>	1041	2242	NA	NA
	<u>Intel Xeon 3.80GHz</u>	604	2476	<u>0.71</u>	<u>\$851.00*</u>
	<u>Intel Xeon 1500MHz</u>	193	2892	NA	NA
	<u>Intel Xeon 3040 @ 1.86GHz</u>	1278	2112	<u>51.05</u>	<u>\$25.04*</u>
	<u>Intel Xeon 3050 @ 2.13GHz</u>	1300	2091	<u>8.23</u>	<u>\$157.95*</u>
	<u>Intel Xeon 3060 @ 2.40GHz</u>	1518	1985	<u>66.07</u>	<u>\$22.99*</u>
	<u>Intel Xeon 3065 @ 2.33GHz</u>	1520	1983	<u>72.77</u>	<u>\$20.90*</u>
	<u>Intel Xeon 3070 @ 2.66GHz</u>	1784	1849	<u>4.36</u>	<u>\$408.95*</u>
	<u>Intel Xeon 3075 @ 2.66GHz</u>	1840	1824	<u>5.26</u>	<u>\$349.95*</u>
	<u>Intel Xeon 3085 @ 3.00GHz</u>	1570	1965	NA	NA
	<u>Intel Xeon 5110 @ 1.60GHz</u>	1084	2222	<u>30.99</u>	<u>\$35.00*</u>
	<u>Intel Xeon 5120 @ 1.86GHz</u>	1248	2133	<u>0.77</u>	<u>\$1,619.99</u>
	<u>Intel Xeon 5130 @ 2.00GHz</u>	1366	2055	<u>43.44</u>	<u>\$31.46*</u>
	<u>Intel Xeon 5133 @ 2.20GHz</u>	1598	1953	NA	NA
	<u>Intel Xeon 5140 @ 2.33GHz</u>	1635	1934	<u>65.44</u>	<u>\$24.99*</u>
	<u>Intel Xeon 5148 @ 2.33GHz</u>	1590	1959	<u>121.17</u>	<u>\$13.13*</u>
	<u>Intel Xeon 5150 @ 2.66GHz</u>	1752	1863	<u>12.53</u>	<u>\$139.95*</u>
	<u>Intel Xeon 5160 @ 3.00GHz</u>	1956	1760	<u>52.18</u>	<u>\$37.49*</u>
	<u>Intel Xeon @ 2.00GHz</u>	11327	272	NA	NA
	<u>Intel Xeon @ 2.20GHz</u>	1902	1791	NA	NA
	<u>Intel Xeon Bronze 3104 @ 1.70GHz</u>	5582	801	<u>23.46</u>	<u>\$237.99</u>
	<u>Intel Xeon Bronze 3106 @ 1.70GHz</u>	6890	663	<u>20.88</u>	<u>\$329.99</u>
	<u>Intel Xeon D-1518 @ 2.20GHz</u>	5322	846	NA	NA
	<u>Intel Xeon D-1520 @ 2.20GHz</u>	5755	782	NA	NA
	<u>Intel Xeon D-1521 @ 2.40GHz</u>	6980	652	NA	NA
	<u>Intel Xeon D-1528 @ 1.90GHz</u>	8210	527	NA	NA
	<u>Intel Xeon D-1531 @ 2.20GHz</u>	9643	389	<u>27.71</u>	<u>\$348.00*</u>
	<u>Intel Xeon D-1537 @ 1.70GHz</u>	7731	583	<u>13.54</u>	<u>\$571.00*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon D-1539 @ 1.60GHz</u>	8443	508	<u>17.37</u>	<u>\$486.00*</u>
<u>Intel Xeon D-1540 @ 2.00GHz</u>	10740	301	NA	NA
<u>Intel Xeon D-1541 @ 2.10GHz</u>	11064	281	NA	NA
<u>Intel Xeon D-1548 @ 2.00GHz</u>	10679	305	<u>19.24</u>	<u>\$555.00*</u>
<u>Intel Xeon D-1557 @ 1.50GHz</u>	10950	291	<u>15.78</u>	<u>\$694.00*</u>
<u>Intel Xeon D-1559 @ 1.50GHz</u>	8055	542	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon D-1567 @ 2.10GHz</u>	14482	179	NA	NA
<u>Intel Xeon D-1587 @ 1.70GHz</u>	14049	191	NA	NA
<u>Intel Xeon D-2123IT @ 2.20GHz</u>	8150	533	<u>38.26</u>	<u>\$213.00*</u>
<u>Intel Xeon D-2141I @ 2.20GHz</u>	12836	231	<u>23.13</u>	<u>\$555.00*</u>
<u>Intel Xeon D-2143IT @ 2.20GHz</u>	13816	198	<u>24.41</u>	<u>\$566.00*</u>
<u>Intel Xeon D-2146NT @ 2.30GHz</u>	10968	289	<u>17.11</u>	<u>\$641.00*</u>
<u>Intel Xeon D-2183IT @ 2.20GHz</u>	19381	83	<u>10.99</u>	<u>\$1,764.00*</u>
<u>Intel Xeon E3-1220 @ 3.10GHz</u>	6245	723	<u>117.86</u>	<u>\$52.99</u>
<u>Intel Xeon E3-1220 V2 @ 3.10GHz</u>	6727	680	<u>103.52</u>	<u>\$64.99</u>
<u>Intel Xeon E3-1220 v3 @ 3.10GHz</u>	7167	636	<u>53.49</u>	<u>\$133.99</u>
<u>Intel Xeon E3-1220 v5 @ 3.00GHz</u>	7772	577	<u>29.17</u>	<u>\$266.46*</u>
<u>Intel Xeon E3-1220 v6 @ 3.00GHz</u>	7769	579	<u>36.49</u>	<u>\$212.90</u>
<u>Intel Xeon E3-1220L @ 2.20GHz</u>	3606	1190	NA	NA
<u>Intel Xeon E3-1220L V2 @ 2.30GHz</u>	4419	1016	NA	NA
<u>Intel Xeon E3-1220L v3 @ 1.10GHz</u>	2070	1715	NA	NA
<u>Intel Xeon E3-1225 @ 3.10GHz</u>	6088	747	<u>95.15</u>	<u>\$63.99</u>
<u>Intel Xeon E3-1225 V2 @ 3.20GHz</u>	6950	658	<u>89.12</u>	<u>\$77.99</u>
<u>Intel Xeon E3-1225 v3 @ 3.20GHz</u>	7242	629	<u>53.26</u>	<u>\$135.99</u>
<u>Intel Xeon E3-1225 v5 @ 3.30GHz</u>	7824	570	<u>28.42</u>	<u>\$275.33</u>
<u>Intel Xeon E3-1225 v6 @ 3.30GHz</u>	7958	559	<u>33.87</u>	<u>\$234.99</u>
<u>Intel Xeon E3-1226 v3 @ 3.30GHz</u>	7561	600	<u>12.71</u>	<u>\$595.00*</u>
<u>Intel Xeon E3-1230 @ 3.20GHz</u>	7862	565	<u>81.91</u>	<u>\$95.99</u>
<u>Intel Xeon E3-1230 V2 @ 3.30GHz</u>	8868	474	<u>113.70</u>	<u>\$78.00</u>
<u>Intel Xeon E3-1230 v3 @ 3.30GHz</u>	9320	419	<u>43.35</u>	<u>\$215.00</u>
<u>Intel Xeon E3-1230 v5 @ 3.40GHz</u>	9739	381	<u>34.79</u>	<u>\$279.99</u>
<u>Intel Xeon E3-1230 v6 @ 3.50GHz</u>	9742	380	<u>37.10</u>	<u>\$262.59</u>
<u>Intel Xeon E3-1230I v3 @ 1.80GHz</u>	7231	631	<u>25.12</u>	<u>\$287.90*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E3-1231 v3 @ 3.40GHz</u>	9626	393	<u>18.88</u>	<u>\$509.95</u>
<u>Intel Xeon E3-1235 @ 3.20GHz</u>	7757	581	<u>31.79</u>	<u>\$244.00</u>
<u>Intel Xeon E3-1235L v5 @ 2.00GHz</u>	6462	705	NA	NA
<u>Intel Xeon E3-1240 @ 3.30GHz</u>	7975	556	<u>77.44</u>	<u>\$102.99</u>
<u>Intel Xeon E3-1240 V2 @ 3.40GHz</u>	9163	432	<u>67.39</u>	<u>\$135.99</u>
<u>Intel Xeon E3-1240 v3 @ 3.40GHz</u>	9671	387	<u>25.16</u>	<u>\$384.40*</u>
<u>Intel Xeon E3-1240 v5 @ 3.50GHz</u>	10362	325	<u>30.33</u>	<u>\$341.67*</u>
<u>Intel Xeon E3-1240 v6 @ 3.70GHz</u>	10458	321	<u>36.30</u>	<u>\$288.10</u>
<u>Intel Xeon E3-1240L v3 @ 2.00GHz</u>	7486	604	NA	NA
<u>Intel Xeon E3-1240L v5 @ 2.10GHz</u>	7793	574	<u>28.03</u>	<u>\$278.00*</u>
<u>Intel Xeon E3-1241 v3 @ 3.50GHz</u>	10011	351	<u>27.06</u>	<u>\$369.99</u>
<u>Intel Xeon E3-1245 @ 3.30GHz</u>	8039	545	<u>75.85</u>	<u>\$105.99</u>
<u>Intel Xeon E3-1245 V2 @ 3.40GHz</u>	9128	436	<u>58.15</u>	<u>\$156.99</u>
<u>Intel Xeon E3-1245 v3 @ 3.40GHz</u>	9584	395	<u>37.59</u>	<u>\$255.00</u>
<u>Intel Xeon E3-1245 v5 @ 3.50GHz</u>	10160	339	<u>29.42</u>	<u>\$345.31*</u>
<u>Intel Xeon E3-1245 v6 @ 3.70GHz</u>	10515	317	<u>33.92</u>	<u>\$309.99</u>
<u>Intel Xeon E3-1246 v3 @ 3.50GHz</u>	9867	368	<u>24.13</u>	<u>\$409.00*</u>
<u>Intel Xeon E3-1260L @ 2.40GHz</u>	6266	721	<u>73.18</u>	<u>\$85.62</u>
<u>Intel Xeon E3-1260L v5 @ 2.90GHz</u>	10218	334	<u>13.88</u>	<u>\$736.16*</u>
<u>Intel Xeon E3-1265L @ 2.40GHz</u>	5961	756	<u>6.49</u>	<u>\$918.35*</u>
<u>Intel Xeon E3-1265L V2 @ 2.50GHz</u>	7455	610	<u>24.44</u>	<u>\$305.00</u>
<u>Intel Xeon E3-1265L v3 @ 2.50GHz</u>	9188	431	<u>12.94</u>	<u>\$709.95</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E3-1265L v4 @ 2.30GHz</u>	9060	448	NA	NA
<u>Intel Xeon E3-1268L v3 @ 2.30GHz</u>	7850	567	NA	NA
<u>Intel Xeon E3-1268L v5 @ 2.40GHz</u>	8695	487	<u>23.06</u>	<u>\$377.00*</u>
<u>Intel Xeon E3-1270 @ 3.40GHz</u>	8262	522	<u>26.23</u>	<u>\$315.00</u>
<u>Intel Xeon E3-1270 V2 @ 3.50GHz</u>	9462	408	<u>49.81</u>	<u>\$189.99</u>
<u>Intel Xeon E3-1270 v3 @ 3.50GHz</u>	9919	364	<u>49.60</u>	<u>\$199.99</u>
<u>Intel Xeon E3-1270 v5 @ 3.60GHz</u>	10297	327	<u>18.99</u>	<u>\$542.15</u>
<u>Intel Xeon E3-1270 v6 @ 3.80GHz</u>	11171	276	<u>32.99</u>	<u>\$338.61</u>
<u>Intel Xeon E3-1270L v4 @ 3.00GHz</u>	10691	303	NA	NA
<u>Intel Xeon E3-1271 v3 @ 3.60GHz</u>	10099	345	<u>11.37</u>	<u>\$888.00*</u>
<u>Intel Xeon E3-1275 @ 3.40GHz</u>	8122	537	<u>26.72</u>	<u>\$304.00</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E3-1275 V2 @ 3.50GHz</u>	9431	412	<u>23.90</u>	<u>\$394.72*</u>
<u>Intel Xeon E3-1275 v3 @ 3.50GHz</u>	10048	348	<u>25.06</u>	<u>\$400.99*</u>
<u>Intel Xeon E3-1275 v5 @ 3.60GHz</u>	10367	323	<u>24.97</u>	<u>\$415.13*</u>
<u>Intel Xeon E3-1275 v6 @ 3.80GHz</u>	11028	283	<u>29.86</u>	<u>\$369.28</u>
<u>Intel Xeon E3-1275L v3 @ 2.70GHz</u>	8901	470	NA	NA
<u>Intel Xeon E3-1276 v3 @ 3.60GHz</u>	10209	335	<u>9.51</u>	<u>\$1,073.00*</u>
<u>Intel Xeon E3-1280 @ 3.50GHz</u>	8448	507	<u>25.43</u>	<u>\$332.20</u>
<u>Intel Xeon E3-1280 V2 @ 3.60GHz</u>	9451	410	<u>11.00</u>	<u>\$859.00</u>
<u>Intel Xeon E3-1280 v3 @ 3.60GHz</u>	9827	372	<u>21.89</u>	<u>\$449.00*</u>
<u>Intel Xeon E3-1280 v5 @ 3.70GHz</u>	10666	308	<u>15.46</u>	<u>\$690.01*</u>
<u>Intel Xeon E3-1280 v6 @ 3.90GHz</u>	11041	282	<u>25.29</u>	<u>\$436.54</u>
<u>Intel Xeon E3-1281 v3 @ 3.70GHz</u>	10276	330	<u>11.71</u>	<u>\$877.75*</u>
<u>Intel Xeon E3-1285 v3 @ 3.60GHz</u>	10458	320	NA	NA
<u>Intel Xeon E3-1285 v4 @ 3.50GHz</u>	10510	319	NA	NA
<u>Intel Xeon E3-1285 v6 @ 4.10GHz</u>	11992	257	<u>26.65</u>	<u>\$450.00*</u>
<u>Intel Xeon E3-1285L v3 @ 3.10GHz</u>	9981	358	<u>12.35</u>	<u>\$808.02*</u>
<u>Intel Xeon E3-1285L v4 @ 3.40GHz</u>	10961	290	NA	NA
<u>Intel Xeon E3-1286 v3 @ 3.70GHz</u>	9899	365	<u>11.80</u>	<u>\$839.00*</u>
<u>Intel Xeon E3-1286L v3 @ 3.20GHz</u>	9495	402	<u>12.27</u>	<u>\$774.00*</u>
<u>Intel Xeon E3-1290 @ 3.60GHz</u>	8768	482	<u>9.91</u>	<u>\$885.00*</u>
<u>Intel Xeon E3-1290 V2 @ 3.70GHz</u>	9709	385	<u>10.97</u>	<u>\$885.00*</u>
<u>Intel Xeon E3-1505L v5 @ 2.00GHz</u>	6374	715	NA	NA
<u>Intel Xeon E3-1505L v6 @ 2.20GHz</u>	7887	563	NA	NA
<u>Intel Xeon E3-1505M v5 @ 2.80GHz</u>	8953	464	NA	NA
<u>Intel Xeon E3-1505M v6 @ 3.00GHz</u>	9666	388	NA	NA
<u>Intel Xeon E3-1515M v5 @ 2.80GHz</u>	9952	361	NA	NA
<u>Intel Xeon E3-1535M v5 @ 2.90GHz</u>	9345	415	NA	NA
<u>Intel Xeon E3-1535M v6 @ 3.10GHz</u>	10558	315	NA	NA
<u>Intel Xeon E3-1545M v5 @ 2.90GHz</u>	10300	326	NA	NA
<u>Intel Xeon E3-1575M v5 @ 3.00GHz</u>	10614	311	NA	NA
<u>Intel Xeon E3-1585 v5 @ 3.50GHz</u>	10797	300	NA	NA
<u>Intel Xeon E3-1585L v5 @ 3.00GHz</u>	10135	341	<u>22.78</u>	<u>\$445.00*</u>
<u>Intel Xeon E5-1410 @ 2.80GHz</u>	7265	626	<u>148.31</u>	<u>\$48.99</u>
<u>Intel Xeon E5-1410 v2 @ 2.80GHz</u>	7430	611	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E5-1428L v2 @ 2.20GHz</u>	8377	515	<u>16.96</u>	<u>\$494.00*</u>
<u>Intel Xeon E5-1603 @ 2.80GHz</u>	5571	804	<u>278.73</u>	<u>\$19.99</u>
<u>Intel Xeon E5-1603 v3 @ 2.80GHz</u>	6204	729	<u>62.05</u>	<u>\$99.99</u>
<u>Intel Xeon E5-1603 v4 @ 2.80GHz</u>	6454	707	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E5-1607 @ 3.00GHz</u>	5893	764	<u>210.87</u>	<u>\$27.95*</u>
<u>Intel Xeon E5-1607 v2 @ 3.00GHz</u>	6217	727	<u>177.91</u>	<u>\$34.95*</u>
<u>Intel Xeon E5-1607 v3 @ 3.10GHz</u>	7039	646	NA	NA
<u>Intel Xeon E5-1607 v4 @ 3.10GHz</u>	7256	627	NA	NA
<u>Intel Xeon E5-1620 @ 3.60GHz</u>	9069	444	<u>139.54</u>	<u>\$65.00</u>
<u>Intel Xeon E5-1620 v2 @ 3.70GHz</u>	9500	401	<u>161.05</u>	<u>\$58.99</u>
<u>Intel Xeon E5-1620 v3 @ 3.50GHz</u>	9748	379	<u>60.93</u>	<u>\$159.99</u>
<u>Intel Xeon E5-1620 v4 @ 3.50GHz</u>	9933	363	<u>31.34</u>	<u>\$316.99</u>
<u>Intel Xeon E5-1630 v3 @ 3.70GHz</u>	10230	333	<u>17.11</u>	<u>\$597.85*</u>
<u>Intel Xeon E5-1630 v4 @ 3.70GHz</u>	10296	328	NA	NA
<u>Intel Xeon E5-1650 @ 3.20GHz</u>	11733	263	<u>23.70</u>	<u>\$495.00*</u>
<u>Intel Xeon E5-1650 v2 @ 3.50GHz</u>	12755	234	<u>106.34</u>	<u>\$119.95</u>
<u>Intel Xeon E5-1650 v3 @ 3.50GHz</u>	13617	205	<u>88.12</u>	<u>\$154.53</u>
<u>Intel Xeon E5-1650 v4 @ 3.60GHz</u>	14227	187	<u>28.01</u>	<u>\$508.00</u>
<u>Intel Xeon E5-1660 @ 3.30GHz</u>	12273	247	<u>10.01</u>	<u>\$1,226.66*</u>
<u>Intel Xeon E5-1660 v2 @ 3.70GHz</u>	13808	200	<u>7.63</u>	<u>\$1,808.95*</u>
<u>Intel Xeon E5-1660 v3 @ 3.00GHz</u>	14678	173	<u>9.08</u>	<u>\$1,616.49*</u>
<u>Intel Xeon E5-1660 v4 @ 3.20GHz</u>	16203	135	<u>13.18</u>	<u>\$1,229.52*</u>
<u>Intel Xeon E5-1680 v2 @ 3.00GHz</u>	16235	133	NA	NA
<u>Intel Xeon E5-1680 v3 @ 3.20GHz</u>	16442	125	NA	NA
<u>Intel Xeon E5-1680 v4 @ 3.40GHz</u>	17122	113	NA	NA
<u>Intel Xeon E5-1681 v3 @ 2.90GHz</u>	18238	96	NA	NA
<u>Intel Xeon E5-2403 @ 1.80GHz</u>	3523	1214	<u>113.71</u>	<u>\$30.99*</u>
<u>Intel Xeon E5-2403 v2 @ 1.80GHz</u>	3418	1238	<u>94.99</u>	<u>\$35.99*</u>
<u>Intel Xeon E5-2407 @ 2.20GHz</u>	4188	1062	<u>139.62</u>	<u>\$30.00</u>
<u>Intel Xeon E5-2407 v2 @ 2.40GHz</u>	4648	965	<u>40.23</u>	<u>\$115.56*</u>
<u>Intel Xeon E5-2418L @ 2.00GHz</u>	5202	861	NA	NA
<u>Intel Xeon E5-2420 @ 1.90GHz</u>	7063	645	<u>18.11</u>	<u>\$390.02*</u>
<u>Intel Xeon E5-2420 v2 @ 2.20GHz</u>	8693	489	<u>299.77</u>	<u>\$29.00</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E5-2430 @ 2.20GHz</u>	7695	586	<u>202.51</u>	<u>\$38.00*</u>
<u>Intel Xeon E5-2430 v2 @ 2.50GHz</u>	9061	447	<u>29.23</u>	<u>\$310.00*</u>
<u>Intel Xeon E5-2430L @ 2.00GHz</u>	7834	568	<u>242.71</u>	<u>\$32.28*</u>
<u>Intel Xeon E5-2430L v2 @ 2.40GHz</u>	6627	692	NA	NA
<u>Intel Xeon E5-2440 @ 2.40GHz</u>	9221	428	<u>230.59</u>	<u>\$39.99*</u>
<u>Intel Xeon E5-2440 v2 @ 1.90GHz</u>	9290	421	<u>18.22</u>	<u>\$509.95*</u>
<u>Intel Xeon E5-2448L v2 @ 1.80GHz</u>	8954	463	<u>6.29</u>	<u>\$1,424.00*</u>
<u>Intel Xeon E5-2450 @ 2.10GHz</u>	10196	336	<u>156.90</u>	<u>\$64.99</u>
<u>Intel Xeon E5-2450L @ 1.80GHz</u>	8261	523	<u>63.55</u>	<u>\$130.00*</u>
<u>Intel Xeon E5-2470 @ 2.30GHz</u>	11144	278	<u>87.07</u>	<u>\$128.00</u>
<u>Intel Xeon E5-2470 v2 @ 2.40GHz</u>	11268	274	<u>50.76</u>	<u>\$222.00</u>
<u>Intel Xeon E5-2603 @ 1.80GHz</u>	3582	1196	<u>143.65</u>	<u>\$24.94*</u>
<u>Intel Xeon E5-2603 v2 @ 1.80GHz</u>	3766	1151	<u>62.78</u>	<u>\$59.99*</u>
<u>Intel Xeon E5-2603 v3 @ 1.60GHz</u>	5179	867	<u>16.71</u>	<u>\$309.95</u>
<u>Intel Xeon E5-2603 v4 @ 1.70GHz</u>	5431	822	<u>23.62</u>	<u>\$229.99</u>
<u>Intel Xeon E5-2608L v3 @ 2.00GHz</u>	7857	566	<u>17.82</u>	<u>\$441.00*</u>
<u>Intel Xeon E5-2609 @ 2.40GHz</u>	4604	978	<u>158.85</u>	<u>\$28.99</u>
<u>Intel Xeon E5-2609 v2 @ 2.50GHz</u>	5160	869	<u>36.96</u>	<u>\$139.60</u>
<u>Intel Xeon E5-2609 v3 @ 1.90GHz</u>	5901	762	<u>9.53</u>	<u>\$619.07*</u>
<u>Intel Xeon E5-2609 v4 @ 1.70GHz</u>	6905	662	<u>21.58</u>	<u>\$319.99</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E5-2618L v3 @ 2.30GHz</u>	12186	252	NA	NA
<u>Intel Xeon E5-2618L v4 @ 2.20GHz</u>	14572	176	<u>18.71</u>	<u>\$779.00*</u>
<u>Intel Xeon E5-2620 @ 2.00GHz</u>	7925	561	<u>376.49</u>	<u>\$21.05</u>
<u>Intel Xeon E5-2620 v2 @ 2.10GHz</u>	8618	494	<u>50.22</u>	<u>\$171.61*</u>
<u>Intel Xeon E5-2620 v3 @ 2.40GHz</u>	9965	360	<u>118.64</u>	<u>\$84.00</u>
<u>Intel Xeon E5-2620 v4 @ 2.10GHz</u>	11337	271	<u>30.64</u>	<u>\$369.99</u>
<u>Intel Xeon E5-2623 v3 @ 3.00GHz</u>	8988	457	<u>13.85</u>	<u>\$649.00*</u>
<u>Intel Xeon E5-2623 v4 @ 2.60GHz</u>	8506	503	<u>15.50</u>	<u>\$549.00*</u>
<u>Intel Xeon E5-2628L v2 @ 1.90GHz</u>	9405	413	NA	NA
<u>Intel Xeon E5-2628L v3 @ 2.00GHz</u>	12295	244	NA	NA
<u>Intel Xeon E5-2628L v4 @ 1.90GHz</u>	13101	224	<u>9.61</u>	<u>\$1,364.00*</u>
<u>Intel Xeon E5-2629 v3 @ 2.40GHz</u>	11022	284	NA	NA
<u>Intel Xeon E5-2630 @ 2.30GHz</u>	8923	467	<u>92.96</u>	<u>\$95.99</u>

CPU Benchmarks	CPU Name	Passmark CPU	Rank	CPU Value	Price
		Mark (higher is better)			
Video Card Benchmarks					
Hard Drive Benchmarks					
RAM					
PC Systems					
Android					
iOS / iPhone					
	<u>Intel Xeon E5-2630 v2 @ 2.60GHz</u>	10365	324	<u>235.89</u>	<u>\$43.94</u>
	<u>Intel Xeon E5-2630 v3 @ 2.40GHz</u>	12796	232	<u>130.58</u>	<u>\$98.00</u>
	<u>Intel Xeon E5-2630 v4 @ 2.20GHz</u>	13910	194	<u>21.08</u>	<u>\$659.99</u>
	<u>Intel Xeon E5-2630L @ 2.00GHz</u>	8041	544	NA	NA
	<u>Intel Xeon E5-2630L v2 @ 2.40GHz</u>	9088	443	<u>232.44</u>	<u>\$39.10</u>
	<u>Intel Xeon E5-2630L v3 @ 1.80GHz</u>	9727	382	<u>28.62</u>	<u>\$339.95*</u>
	<u>Intel Xeon E5-2630L v4 @ 1.80GHz</u>	12847	230	NA	NA
	<u>Intel Xeon E5-2637 @ 3.00GHz</u>	4508	998	<u>5.09</u>	<u>\$885.00*</u>
	<u>Intel Xeon E5-2637 v2 @ 3.50GHz</u>	9200	430	<u>108.25</u>	<u>\$84.99*</u>
	<u>Intel Xeon E5-2637 v3 @ 3.50GHz</u>	10117	343	<u>32.64</u>	<u>\$309.99*</u>
	<u>Intel Xeon E5-2637 v4 @ 3.50GHz</u>	10512	318	<u>9.68</u>	<u>\$1,085.99</u>
	<u>Intel Xeon E5-2640 @ 2.50GHz</u>	9466	406	<u>99.66</u>	<u>\$94.99</u>
	<u>Intel Xeon E5-2640 v2 @ 2.00GHz</u>	10189	338	<u>50.31</u>	<u>\$202.54</u>
	<u>Intel Xeon E5-2640 v3 @ 2.60GHz</u>	13893	195	<u>79.40</u>	<u>\$174.99*</u>
	<u>Intel Xeon E5-2640 v4 @ 2.40GHz</u>	15420	156	<u>15.62</u>	<u>\$986.99</u>
	<u>Intel Xeon E5-2643 @ 3.30GHz</u>	8456	505	<u>47.85</u>	<u>\$176.72</u>
	<u>Intel Xeon E5-2643 v2 @ 3.50GHz</u>	13117	222	<u>120.35</u>	<u>\$108.99</u>
	<u>Intel Xeon E5-2643 v3 @ 3.40GHz</u>	13887	196	<u>53.41</u>	<u>\$259.99</u>
	<u>Intel Xeon E5-2643 v4 @ 3.40GHz</u>	13475	215	<u>8.06</u>	<u>\$1,671.25*</u>
	<u>Intel Xeon E5-2648L @ 1.80GHz</u>	6698	685	NA	NA
	<u>Intel Xeon E5-2648L v2 @ 1.90GHz</u>	11381	269	<u>7.70</u>	<u>\$1,479.00*</u>
	<u>Intel Xeon E5-2648L v3 @ 1.80GHz</u>	11392	268	<u>7.30</u>	<u>\$1,560.86*</u>
	<u>Intel Xeon E5-2648L v4 @ 1.80GHz</u>	13654	203	NA	NA
	<u>Intel Xeon E5-2649 v3 @ 2.30GHz</u>	14677	174	NA	NA
	<u>Intel Xeon E5-2650 @ 2.00GHz</u>	10264	331	<u>228.09</u>	<u>\$45.00</u>
	<u>Intel Xeon E5-2650 v2 @ 2.60GHz</u>	13225	219	<u>183.56</u>	<u>\$72.05</u>
	<u>Intel Xeon E5-2650 v3 @ 2.30GHz</u>	14864	169	<u>92.91</u>	<u>\$159.99</u>
	<u>Intel Xeon E5-2650 v4 @ 2.20GHz</u>	15867	148	<u>13.22</u>	<u>\$1,199.99</u>
	<u>Intel Xeon E5-2650L @ 1.80GHz</u>	8550	499	<u>108.24</u>	<u>\$79.00*</u>
	<u>Intel Xeon E5-2650L v2 @ 1.70GHz</u>	9880	367	<u>72.74</u>	<u>\$135.84*</u>
	<u>Intel Xeon E5-2650L v3 @ 1.80GHz</u>	13513	211	<u>51.98</u>	<u>\$259.99</u>
	<u>Intel Xeon E5-2650L v4 @ 1.70GHz</u>	14093	190	<u>9.42</u>	<u>\$1,496.00*</u>
	<u>Intel Xeon E5-2651 v2 @ 1.80GHz</u>	11302	273	NA	NA
	<u>Intel Xeon E5-2658 @ 2.10GHz</u>	9632	391	<u>6.59</u>	<u>\$1,462.00*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E5-2658 v2 @ 2.40GHz</u>	13874	197	<u>77.09</u>	<u>\$179.99*</u>
<u>Intel Xeon E5-2658 v3 @ 2.20GHz</u>	16298	131	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E5-2658 v4 @ 2.30GHz</u>	17275	109	NA	NA
<u>Intel Xeon E5-2660 @ 2.20GHz</u>	11250	275	<u>170.49</u>	<u>\$65.99</u>
<u>Intel Xeon E5-2660 v2 @ 2.20GHz</u>	13134	221	<u>72.55</u>	<u>\$181.04</u>
<u>Intel Xeon E5-2660 v3 @ 2.60GHz</u>	16213	134	<u>31.85</u>	<u>\$509.00</u>
<u>Intel Xeon E5-2660 v4 @ 2.00GHz</u>	16880	116	<u>11.25</u>	<u>\$1,499.99*</u>
<u>Intel Xeon E5-2663 v3 @ 2.80GHz</u>	13994	192	NA	NA
<u>Intel Xeon E5-2665 @ 2.40GHz</u>	11736	262	<u>104.80</u>	<u>\$111.99</u>
<u>Intel Xeon E5-2667 @ 2.90GHz</u>	10671	307	<u>160.59</u>	<u>\$66.45</u>
<u>Intel Xeon E5-2667 v2 @ 3.30GHz</u>	16158	138	<u>44.88</u>	<u>\$359.99</u>
<u>Intel Xeon E5-2667 v3 @ 3.20GHz</u>	16176	137	<u>40.63</u>	<u>\$398.14</u>
<u>Intel Xeon E5-2667 v4 @ 3.20GHz</u>	16631	121	<u>8.53</u>	<u>\$1,949.03*</u>
<u>Intel Xeon E5-2670 @ 2.60GHz</u>	12372	242	<u>176.75</u>	<u>\$70.00</u>
<u>Intel Xeon E5-2670 v2 @ 2.50GHz</u>	15021	164	<u>94.48</u>	<u>\$159.00</u>
<u>Intel Xeon E5-2670 v3 @ 2.30GHz</u>	16647	120	<u>79.28</u>	<u>\$209.99</u>
<u>Intel Xeon E5-2673 v2 @ 3.30GHz</u>	16320	130	NA	NA
<u>Intel Xeon E5-2673 v3 @ 2.40GHz</u>	16401	128	<u>23.43</u>	<u>\$700.00*</u>
<u>Intel Xeon E5-2673 v4 @ 2.30GHz</u>	21474	54	NA	NA
<u>Intel Xeon E5-2675 v3 @ 1.80GHz</u>	15137	162	NA	NA
<u>Intel Xeon E5-2676 v3 @ 2.40GHz</u>	17670	104	NA	NA
<u>Intel Xeon E5-2678 v3 @ 2.50GHz</u>	17078	114	NA	NA
<u>Intel Xeon E5-2679 v4 @ 2.50GHz</u>	25266	22	<u>9.35</u>	<u>\$2,702.00*</u>
<u>Intel Xeon E5-2680 @ 2.70GHz</u>	12902	229	<u>189.55</u>	<u>\$68.07</u>
<u>Intel Xeon E5-2680 v2 @ 2.80GHz</u>	15918	146	<u>67.74</u>	<u>\$235.00</u>
<u>Intel Xeon E5-2680 v3 @ 2.50GHz</u>	18465	92	<u>61.56</u>	<u>\$299.99</u>
<u>Intel Xeon E5-2680 v4 @ 2.40GHz</u>	19886	72	<u>13.18</u>	<u>\$1,509.00*</u>
<u>Intel Xeon E5-2682 v4 @ 2.50GHz</u>	20420	65	NA	NA
<u>Intel Xeon E5-2683 v3 @ 2.00GHz</u>	17374	107	<u>34.07</u>	<u>\$509.99*</u>
<u>Intel Xeon E5-2683 v4 @ 2.10GHz</u>	19047	87	<u>8.62</u>	<u>\$2,208.93*</u>
<u>Intel Xeon E5-2685 v3 @ 2.60GHz</u>	15004	165	NA	NA
<u>Intel Xeon E5-2686 v3 @ 2.00GHz</u>	19255	84	NA	NA
<u>Intel Xeon E5-2686 v4 @ 2.30GHz</u>	19801	74	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E5-2687W @ 3.10GHz</u>	14348	184	<u>66.74</u>	<u>\$214.99</u>
<u>Intel Xeon E5-2687W v2 @ 3.40GHz</u>	16426	126	<u>49.03</u>	<u>\$335.00</u>
<u>Intel Xeon E5-2687W v3 @ 3.10GHz</u>	17795	101	<u>30.16</u>	<u>\$589.99</u>
<u>Intel Xeon E5-2687W v4 @ 3.00GHz</u>	19855	73	<u>9.13</u>	<u>\$2,174.99</u>
<u>Intel Xeon E5-2689 @ 2.60GHz</u>	13465	216	NA	NA
<u>Intel Xeon E5-2689 v4 @ 3.10GHz</u>	19744	76	NA	NA
<u>Intel Xeon E5-2690 @ 2.90GHz</u>	13729	201	<u>133.78</u>	<u>\$102.63</u>
<u>Intel Xeon E5-2690 v2 @ 3.00GHz</u>	16406	127	<u>27.86</u>	<u>\$588.99</u>
<u>Intel Xeon E5-2690 v3 @ 2.60GHz</u>	19249	85	<u>77.94</u>	<u>\$246.99</u>
<u>Intel Xeon E5-2690 v4 @ 2.60GHz</u>	21167	57	<u>9.75</u>	<u>\$2,169.99</u>
<u>Intel Xeon E5-2692 v2 @ 2.20GHz</u>	16018	140	NA	NA
<u>Intel Xeon E5-2695 v2 @ 2.40GHz</u>	15993	143	<u>61.75</u>	<u>\$258.99</u>
<u>Intel Xeon E5-2695 v3 @ 2.30GHz</u>	19710	79	<u>19.52</u>	<u>\$1,009.99*</u>
<u>Intel Xeon E5-2695 v4 @ 2.10GHz</u>	20258	66	<u>11.20</u>	<u>\$1,809.00*</u>
<u>Intel Xeon E5-2696 v2 @ 2.50GHz</u>	16620	122	NA	NA
<u>Intel Xeon E5-2696 v3 @ 2.30GHz</u>	22480	41	<u>9.00</u>	<u>\$2,498.00*</u>
<u>Intel Xeon E5-2696 v4 @ 2.20GHz</u>	21226	56	<u>7.05</u>	<u>\$3,009.95*</u>
<u>Intel Xeon E5-2697 v2 @ 2.70GHz</u>	17202	110	<u>45.32</u>	<u>\$379.62</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E5-2697 v3 @ 2.60GHz</u>	21402	55	<u>45.94</u>	<u>\$465.90</u>
<u>Intel Xeon E5-2697 v4 @ 2.30GHz</u>	21506	53	<u>7.75</u>	<u>\$2,775.99</u>
<u>Intel Xeon E5-2697A v4 @ 2.60GHz</u>	22462	42	NA	NA
<u>Intel Xeon E5-2698 v3 @ 2.30GHz</u>	21042	59	<u>6.15</u>	<u>\$3,424.02*</u>
<u>Intel Xeon E5-2698 v4 @ 2.20GHz</u>	21836	49	<u>6.02</u>	<u>\$3,629.59*</u>
<u>Intel Xeon E5-2699 v3 @ 2.30GHz</u>	22375	43	<u>8.92</u>	<u>\$2,509.00*</u>
<u>Intel Xeon E5-2699 v4 @ 2.20GHz</u>	23435	36	<u>3.94</u>	<u>\$5,954.79*</u>
<u>Intel Xeon E5-4603 @ 2.00GHz</u>	5014	899	<u>2.65</u>	<u>\$1,890.99*</u>
<u>Intel Xeon E5-4607 v2 @ 2.60GHz</u>	9234	427	NA	NA
<u>Intel Xeon E5-4610 @ 2.40GHz</u>	9552	398	<u>7.81</u>	<u>\$1,223.00*</u>
<u>Intel Xeon E5-4610 v3 @ 1.70GHz</u>	8853	475	<u>7.26</u>	<u>\$1,219.00*</u>
<u>Intel Xeon E5-4617 @ 2.90GHz</u>	9313	420	<u>103.59</u>	<u>\$89.90*</u>
<u>Intel Xeon E5-4620 @ 2.20GHz</u>	9113	439	<u>67.91</u>	<u>\$134.21*</u>
<u>Intel Xeon E5-4627 v2 @ 3.30GHz</u>	11872	259	<u>23.33</u>	<u>\$508.95*</u>
<u>Intel Xeon E5-4627 v3 @ 2.60GHz</u>	14489	178	<u>6.04</u>	<u>\$2,400.00*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

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<u>Intel Xeon E5-4627 v4 @ 2.60GHz</u>	15516	154	<u>6.97</u>	<u>\$2,225.00*</u>
<u>Intel Xeon E5-4640 @ 2.40GHz</u>	10701	302	<u>3.92</u>	<u>\$2,730.00*</u>
<u>Intel Xeon E5-4640 v3 @ 1.90GHz</u>	12703	235	NA	NA
<u>Intel Xeon E5-4648 v3 @ 1.70GHz</u>	11097	280	NA	NA
<u>Intel Xeon E5-4650 @ 2.70GHz</u>	11685	266	<u>166.96</u>	<u>\$69.99*</u>
<u>Intel Xeon E5-4650L @ 2.60GHz</u>	12145	253	<u>101.22</u>	<u>\$119.99*</u>
<u>Intel Xeon E5-4655 v3 @ 2.90GHz</u>	12292	245	<u>2.66</u>	<u>\$4,616.00*</u>
<u>Intel Xeon E5-4657L v2 @ 2.40GHz</u>	15896	147	<u>11.36</u>	<u>\$1,399.00*</u>
<u>Intel Xeon E5-4660 v3 @ 2.10GHz</u>	15849	149	<u>3.30</u>	<u>\$4,800.00*</u>
<u>Intel Xeon E5-4669 v4 @ 2.20GHz</u>	13626	204	NA	NA
<u>Intel Xeon E7- 2830 @ 2.13GHz</u>	3118	1334	<u>1.75</u>	<u>\$1,779.00*</u>
<u>Intel Xeon E3110 @ 3.00GHz</u>	2157	1680	<u>93.86</u>	<u>\$22.99*</u>
<u>Intel Xeon E3113 @ 3.00GHz</u>	2427	1569	<u>247.99</u>	<u>\$9.79*</u>
<u>Intel Xeon E3120 @ 3.16GHz</u>	2241	1649	NA	NA
<u>Intel Xeon E5205 @ 1.86GHz</u>	1401	2037	<u>148.77</u>	<u>\$9.42*</u>
<u>Intel Xeon E5240 @ 3.00GHz</u>	2424	1570	<u>27.31</u>	<u>\$88.78*</u>
<u>Intel Xeon E5310 @ 1.60GHz</u>	2264	1635	<u>46.22</u>	<u>\$49.00*</u>
<u>Intel Xeon E5320 @ 1.86GHz</u>	2288	1620	<u>59.05</u>	<u>\$38.75*</u>
<u>Intel Xeon E5335 @ 2.00GHz</u>	2513	1539	<u>141.45</u>	<u>\$17.77*</u>
<u>Intel Xeon E5345 @ 2.33GHz</u>	2886	1418	<u>72.17</u>	<u>\$39.99*</u>
<u>Intel Xeon E5405 @ 2.00GHz</u>	2833	1428	<u>70.92</u>	<u>\$39.95*</u>
<u>Intel Xeon E5410 @ 2.33GHz</u>	3261	1279	<u>15.61</u>	<u>\$208.95*</u>
<u>Intel Xeon E5420 @ 2.50GHz</u>	3484	1223	<u>55.35</u>	<u>\$62.95*</u>
<u>Intel Xeon E5430 @ 2.66GHz</u>	3750	1157	<u>33.79</u>	<u>\$110.99*</u>
<u>Intel Xeon E5440 @ 2.83GHz</u>	3963	1107	<u>40.03</u>	<u>\$99.00*</u>
<u>Intel Xeon E5450 @ 3.00GHz</u>	4182	1064	<u>77.45</u>	<u>\$54.00*</u>
<u>Intel Xeon E5462 @ 2.80GHz</u>	3871	1123	<u>141.82</u>	<u>\$27.30*</u>
<u>Intel Xeon E5472 @ 3.00GHz</u>	4084	1083	<u>135.96</u>	<u>\$30.04*</u>
<u>Intel Xeon E5502 @ 1.87GHz</u>	1378	2051	<u>14.51</u>	<u>\$95.00*</u>
<u>Intel Xeon E5503 @ 2.00GHz</u>	1381	2048	<u>4.81</u>	<u>\$287.01*</u>
<u>Intel Xeon E5504 @ 2.00GHz</u>	2680	1479	<u>38.32</u>	<u>\$69.95*</u>
<u>Intel Xeon E5506 @ 2.13GHz</u>	2974	1379	<u>47.21</u>	<u>\$63.01*</u>
<u>Intel Xeon E5507 @ 2.27GHz</u>	3125	1331	<u>6.84</u>	<u>\$456.91*</u>
<u>Intel Xeon E5520 @ 2.27GHz</u>	4379	1024	<u>108.57</u>	<u>\$40.34</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E5530 @ 2.40GHz</u>	4494	1001	<u>18.27</u>	<u>\$246.00*</u>
<u>Intel Xeon E5540 @ 2.53GHz</u>	4747	953	<u>80.46</u>	<u>\$59.00*</u>
<u>Intel Xeon E5603 @ 1.60GHz</u>	2366	1594	<u>18.34</u>	<u>\$129.04*</u>
<u>Intel Xeon E5606 @ 2.13GHz</u>	3054	1355	<u>13.95</u>	<u>\$219.00*</u>
<u>Intel Xeon E5607 @ 2.27GHz</u>	3371	1253	<u>48.71</u>	<u>\$69.21*</u>
<u>Intel Xeon E5620 @ 2.40GHz</u>	4777	945	<u>80.99</u>	<u>\$58.99</u>
<u>Intel Xeon E5630 @ 2.53GHz</u>	5055	888	<u>144.43</u>	<u>\$35.00*</u>
<u>Intel Xeon E5640 @ 2.67GHz</u>	5250	853	<u>187.60</u>	<u>\$27.99*</u>
<u>Intel Xeon E5645 @ 2.40GHz</u>	6424	710	<u>79.04</u>	<u>\$81.28</u>
<u>Intel Xeon E5649 @ 2.53GHz</u>	6889	664	<u>59.91</u>	<u>\$115.00*</u>
<u>Intel Xeon E7320 @ 2.13GHz</u>	2413	1574	NA	NA
<u>Intel Xeon E-2104G @ 3.20GHz</u>	7825	569	<u>40.54</u>	<u>\$193.00*</u>
<u>Intel Xeon E-2124 @ 3.30GHz</u>	9467	405	<u>43.04</u>	<u>\$219.99</u>
<u>Intel Xeon E-2124G @ 3.40GHz</u>	9891	366	<u>39.89</u>	<u>\$247.99</u>
<u>Intel Xeon E-2126G @ 3.30GHz</u>	13570	207	<u>45.24</u>	<u>\$299.99*</u>
<u>Intel Xeon E-2134 @ 3.50GHz</u>	10882	295	<u>38.87</u>	<u>\$279.99</u>
<u>Intel Xeon E-2136 @ 3.30GHz</u>	15773	150	<u>49.92</u>	<u>\$315.99</u>
<u>Intel Xeon E-2144G @ 3.60GHz</u>	11381	270	<u>35.35</u>	<u>\$321.99</u>
<u>Intel Xeon E-2146G @ 3.50GHz</u>	15620	151	<u>44.00</u>	<u>\$354.99</u>
<u>Intel Xeon E-2174G @ 3.80GHz</u>	12250	249	<u>31.90</u>	<u>\$383.99</u>
<u>Intel Xeon E-2176G @ 3.70GHz</u>	15583	152	<u>37.10</u>	<u>\$419.99</u>
<u>Intel Xeon E-2176M @ 2.70GHz</u>	13546	209	<u>30.10</u>	<u>\$450.00*</u>
<u>Intel Xeon E-2186G @ 3.80GHz</u>	16017	141	<u>30.51</u>	<u>\$524.99</u>
<u>Intel Xeon E-2186M @ 2.90GHz</u>	14554	177	<u>23.36</u>	<u>\$623.00*</u>
<u>Intel Xeon E-2224 @ 3.40GHz</u>	10241	332	<u>51.72</u>	<u>\$198.00*</u>
<u>Intel Xeon E-2224G @ 3.50GHz</u>	10008	352	<u>45.91</u>	<u>\$218.00*</u>
<u>Intel Xeon E-2246G @ 3.60GHz</u>	16714	117	<u>53.74</u>	<u>\$311.00*</u>
<u>Intel Xeon E-2276M @ 2.80GHz</u>	14824	170	<u>32.94</u>	<u>\$450.00*</u>
<u>Intel Xeon E-2286M @ 2.40GHz</u>	18446	93	<u>29.61</u>	<u>\$623.00*</u>
<u>Intel Xeon E-2288G @ 3.70GHz</u>	19580	82	NA	NA
<u>Intel Xeon Gold 5117 @ 2.00GHz</u>	16672	119	NA	NA
<u>Intel Xeon Gold 5118 @ 2.30GHz</u>	16389	129	<u>13.65</u>	<u>\$1,200.90*</u>
<u>Intel Xeon Gold 5120 @ 2.20GHz</u>	18253	95	<u>11.69</u>	<u>\$1,561.00*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon Gold 5120T @ 2.20GHz</u>	18145	97	<u>10.51</u>	<u>\$1,727.00*</u>
<u>Intel Xeon Gold 5122 @ 3.60GHz</u>	10894	294	<u>8.58</u>	<u>\$1,269.99</u>
<u>Intel Xeon Gold 5218 @ 2.30GHz</u>	22576	40	<u>15.72</u>	<u>\$1,435.75*</u>
<u>Intel Xeon Gold 6126 @ 2.60GHz</u>	19711	78	<u>10.43</u>	<u>\$1,890.00</u>
<u>Intel Xeon Gold 6128 @ 3.40GHz</u>	14941	167	<u>8.49</u>	<u>\$1,759.75*</u>
<u>Intel Xeon Gold 6130 @ 2.10GHz</u>	19643	81	<u>10.14</u>	<u>\$1,937.79*</u>
<u>Intel Xeon Gold 6132 @ 2.60GHz</u>	23907	32	<u>9.53</u>	<u>\$2,508.95</u>
<u>Intel Xeon Gold 6134 @ 3.20GHz</u>	18083	99	<u>7.62</u>	<u>\$2,372.99</u>
<u>Intel Xeon Gold 6136 @ 3.00GHz</u>	21061	58	<u>8.06</u>	<u>\$2,613.59*</u>
<u>Intel Xeon Gold 6138 @ 2.00GHz</u>	25774	18	<u>9.80</u>	<u>\$2,628.95</u>
<u>Intel Xeon Gold 6140 @ 2.30GHz</u>	23964	31	<u>9.82</u>	<u>\$2,439.99</u>
<u>Intel Xeon Gold 6144 @ 3.50GHz</u>	19654	80	<u>6.72</u>	<u>\$2,925.00*</u>
<u>Intel Xeon Gold 6146 @ 3.20GHz</u>	25142	24	<u>5.46</u>	<u>\$4,608.95*</u>
<u>Intel Xeon Gold 6148 @ 2.40GHz</u>	25817	17	<u>8.83</u>	<u>\$2,925.00</u>
<u>Intel Xeon Gold 6152 @ 2.10GHz</u>	23498	34	<u>6.18</u>	<u>\$3,799.99</u>
<u>Intel Xeon Gold 6154 @ 3.00GHz</u>	27722	12	<u>7.09</u>	<u>\$3,909.00*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon Gold 6210U @ 2.50GHz</u>	28560	9	NA	NA
<u>Intel Xeon Gold 6230 @ 2.10GHz</u>	24600	25	<u>12.21</u>	<u>\$2,013.99</u>
<u>Intel Xeon Gold 6242 @ 2.80GHz</u>	25313	21	<u>9.45</u>	<u>\$2,678.49</u>
<u>Intel Xeon L3110 @ 3.00GHz</u>	2273	1631	NA	NA
<u>Intel Xeon L3360 @ 2.83GHz</u>	3764	1152	<u>42.18</u>	<u>\$89.23*</u>
<u>Intel Xeon L3406 @ 2.27GHz</u>	1338	2073	<u>4.83</u>	<u>\$277.01*</u>
<u>Intel Xeon L3426 @ 1.87GHz</u>	3943	1114	<u>8.82</u>	<u>\$447.01*</u>
<u>Intel Xeon L5238 @ 2.66GHz</u>	1823	1835	NA	NA
<u>Intel Xeon L5240 @ 3.00GHz</u>	2271	1633	<u>72.33</u>	<u>\$31.40*</u>
<u>Intel Xeon L5310 @ 1.60GHz</u>	2274	1628	<u>20.22</u>	<u>\$112.50*</u>
<u>Intel Xeon L5320 @ 1.86GHz</u>	2135	1683	<u>30.52</u>	<u>\$69.99*</u>
<u>Intel Xeon L5335 @ 2.00GHz</u>	2756	1458	<u>146.68</u>	<u>\$18.79*</u>
<u>Intel Xeon L5408 @ 2.13GHz</u>	3014	1363	NA	NA
<u>Intel Xeon L5410 @ 2.33GHz</u>	3370	1254	<u>33.67</u>	<u>\$100.08*</u>
<u>Intel Xeon L5420 @ 2.50GHz</u>	3501	1219	<u>127.31</u>	<u>\$27.50*</u>
<u>Intel Xeon L5430 @ 2.66GHz</u>	3724	1163	<u>23.58</u>	<u>\$157.95*</u>
<u>Intel Xeon L5506 @ 2.13GHz</u>	3715	1167	<u>16.59</u>	<u>\$224.00*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon L5520 @ 2.27GHz</u>	4324	1038	<u>337.35</u>	<u>\$12.82*</u>
<u>Intel Xeon L5530 @ 2.40GHz</u>	4389	1022	<u>227.93</u>	<u>\$19.26*</u>
<u>Intel Xeon L5630 @ 2.13GHz</u>	4338	1034	<u>206.69</u>	<u>\$20.99*</u>
<u>Intel Xeon L5638 @ 2.00GHz</u>	5622	793	<u>80.43</u>	<u>\$69.90*</u>
<u>Intel Xeon L5639 @ 2.13GHz</u>	6869	666	NA	NA
<u>Intel Xeon L5640 @ 2.27GHz</u>	6232	724	<u>207.96</u>	<u>\$29.97*</u>
<u>Intel Xeon L7455 @ 2.13GHz</u>	3836	1132	NA	NA
<u>Intel Xeon MV 3.20GHz</u>	683	2440	NA	NA
<u>Intel Xeon Platinum 8124M @ 3.00GHz</u>	26835	15	NA	NA
<u>Intel Xeon Platinum 8151 @ 3.40GHz</u>	6947	659	NA	NA
<u>Intel Xeon Platinum 8168 @ 2.70GHz</u>	29131	7	<u>4.95</u>	<u>\$5,890.00*</u>
<u>Intel Xeon Platinum 8173M @ 2.00GHz</u>	28860	8	NA	NA
<u>Intel Xeon Platinum 8175M @ 2.50GHz</u>	28103	10	NA	NA
<u>Intel Xeon Platinum 8176 @ 2.10GHz</u>	24434	29	<u>2.80</u>	<u>\$8,725.00*</u>
<u>Intel Xeon Silver 4108 @ 1.80GHz</u>	10838	299	<u>24.09</u>	<u>\$449.99</u>
<u>Intel Xeon Silver 4109T @ 2.00GHz</u>	10946	292	<u>21.85</u>	<u>\$501.00*</u>
<u>Intel Xeon Silver 4110 @ 2.10GHz</u>	11686	265	<u>29.36</u>	<u>\$398.00</u>
<u>Intel Xeon Silver 4112 @ 2.60GHz</u>	8611	495	<u>16.75</u>	<u>\$513.99</u>
<u>Intel Xeon Silver 4114 @ 2.20GHz</u>	14295	185	<u>18.59</u>	<u>\$768.99</u>
<u>Intel Xeon Silver 4116 @ 2.10GHz</u>	15509	155	<u>14.77</u>	<u>\$1,049.99</u>
<u>Intel Xeon Silver 4123 @ 3.00GHz</u>	15185	160	NA	NA
<u>Intel Xeon Silver 4208 @ 2.10GHz</u>	13116	223	<u>27.79</u>	<u>\$471.99</u>
<u>Intel Xeon Silver 4210 @ 2.20GHz</u>	15974	144	<u>29.04</u>	<u>\$550.00</u>
<u>Intel Xeon Silver 4214 @ 2.20GHz</u>	17722	102	<u>25.17</u>	<u>\$704.00*</u>
<u>Intel Xeon Silver 4215 @ 2.50GHz</u>	15200	159	<u>20.29</u>	<u>\$749.00*</u>
<u>Intel Xeon Silver 4216 @ 2.10GHz</u>	17469	106	<u>16.44</u>	<u>\$1,062.71</u>
<u>Intel Xeon W3503 @ 2.40GHz</u>	1756	1858	<u>175.87</u>	<u>\$9.99*</u>
<u>Intel Xeon W3505 @ 2.53GHz</u>	1844	1819	<u>74.18</u>	<u>\$24.86*</u>
<u>Intel Xeon W3520 @ 2.67GHz</u>	4943	911	<u>102.99</u>	<u>\$48.00*</u>
<u>Intel Xeon W3530 @ 2.80GHz</u>	5221	857	<u>17.76</u>	<u>\$293.95*</u>
<u>Intel Xeon W3540 @ 2.93GHz</u>	5412	824	<u>271.73</u>	<u>\$19.92*</u>
<u>Intel Xeon W3550 @ 3.07GHz</u>	5568	806	<u>185.67</u>	<u>\$29.99*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon W3565 @ 3.20GHz</u>	5780	777	<u>82.63</u>	<u>\$69.95*</u>

CPU Benchmarks	CPU Name	Passmark CPU	Rank	CPU Value	Price
		Mark (higher is better)			
Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	<u>Intel Xeon W3570 @ 3.20GHz</u>	6047	752	<u>12.60</u>	<u>\$479.95*</u>
	<u>Intel Xeon W3580 @ 3.33GHz</u>	6183	731	<u>28.83</u>	<u>\$214.50*</u>
	<u>Intel Xeon W3670 @ 3.20GHz</u>	8027	548	<u>16.06</u>	<u>\$499.99*</u>
	<u>Intel Xeon W3680 @ 3.33GHz</u>	8911	469	<u>55.71</u>	<u>\$159.95*</u>
	<u>Intel Xeon W3690 @ 3.47GHz</u>	8981	459	<u>81.65</u>	<u>\$110.00*</u>
	<u>Intel Xeon W5580 @ 3.20GHz</u>	5836	771	<u>54.53</u>	<u>\$107.03*</u>
	<u>Intel Xeon W5590 @ 3.33GHz</u>	6087	749	<u>2.43</u>	<u>\$2,508.95*</u>
	<u>Intel Xeon W-2102 @ 2.90GHz</u>	6986	650	<u>29.72</u>	<u>\$235.05*</u>
	<u>Intel Xeon W-2104 @ 3.20GHz</u>	7475	606	<u>29.32</u>	<u>\$255.00*</u>
	<u>Intel Xeon W-2123 @ 3.60GHz</u>	10675	306	<u>26.61</u>	<u>\$401.19*</u>
	<u>Intel Xeon W-2125 @ 4.00GHz</u>	12333	243	<u>15.23</u>	<u>\$809.95*</u>
	<u>Intel Xeon W-2133 @ 3.60GHz</u>	14386	181	<u>23.32</u>	<u>\$617.00*</u>
	<u>Intel Xeon W-2135 @ 3.70GHz</u>	16292	132	<u>18.08</u>	<u>\$900.98</u>
	<u>Intel Xeon W-2140B @ 3.20GHz</u>	18610	89	NA	NA
	<u>Intel Xeon W-2145 @ 3.70GHz</u>	19765	75	<u>16.57</u>	<u>\$1,192.99</u>
	<u>Intel Xeon W-2150B @ 3.00GHz</u>	21543	52	NA	NA
	<u>Intel Xeon W-2155 @ 3.30GHz</u>	21872	48	<u>14.29</u>	<u>\$1,530.39*</u>
	<u>Intel Xeon W-2170B @ 2.50GHz</u>	24561	27	NA	NA
	<u>Intel Xeon W-2175 @ 2.50GHz</u>	24454	28	<u>12.56</u>	<u>\$1,947.00*</u>
	<u>Intel Xeon W-2195 @ 2.30GHz</u>	24081	30	<u>8.66</u>	<u>\$2,780.48*</u>
	<u>Intel Xeon W-3175X @ 3.10GHz</u>	33538	3	<u>11.02</u>	<u>\$3,042.76</u>
	<u>Intel Xeon W-3265 @ 2.70GHz</u>	31691	5	<u>9.46</u>	<u>\$3,349.00*</u>
	<u>Intel Xeon X3210 @ 2.13GHz</u>	2739	1463	<u>14.75</u>	<u>\$185.71*</u>
	<u>Intel Xeon X3220 @ 2.40GHz</u>	3088	1342	<u>51.35</u>	<u>\$60.15*</u>
	<u>Intel Xeon X3230 @ 2.66GHz</u>	3398	1243	<u>47.53</u>	<u>\$71.50*</u>
	<u>Intel Xeon X3320 @ 2.50GHz</u>	3306	1271	<u>14.41</u>	<u>\$229.50*</u>
	<u>Intel Xeon X3323 @ 2.50GHz</u>	3174	1309	<u>163.97</u>	<u>\$19.36*</u>
	<u>Intel Xeon X3330 @ 2.66GHz</u>	3340	1263	<u>15.91</u>	<u>\$210.00*</u>
	<u>Intel Xeon X3350 @ 2.66GHz</u>	3820	1138	<u>63.69</u>	<u>\$59.99*</u>
	<u>Intel Xeon X3353 @ 2.66GHz</u>	3853	1129	<u>52.43</u>	<u>\$73.50*</u>
	<u>Intel Xeon X3360 @ 2.83GHz</u>	3935	1117	<u>24.91</u>	<u>\$157.95*</u>
	<u>Intel Xeon X3363 @ 2.83GHz</u>	3983	1099	<u>116.85</u>	<u>\$34.09*</u>
	<u>Intel Xeon X3370 @ 3.00GHz</u>	4293	1045	<u>11.70</u>	<u>\$367.02*</u>
	<u>Intel Xeon X3380 @ 3.16GHz</u>	4665	961	<u>9.15</u>	<u>\$509.95*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon X3430 @ 2.40GHz</u>	3342	1261	<u>44.16</u>	<u>\$75.68*</u>
<u>Intel Xeon X3440 @ 2.53GHz</u>	4511	997	<u>31.78</u>	<u>\$141.96*</u>
<u>Intel Xeon X3450 @ 2.67GHz</u>	4749	951	<u>59.40</u>	<u>\$79.95*</u>
<u>Intel Xeon X3460 @ 2.80GHz</u>	5147	870	<u>14.42</u>	<u>\$357.00*</u>
<u>Intel Xeon X3470 @ 2.93GHz</u>	5327	845	<u>35.83</u>	<u>\$148.70*</u>
<u>Intel Xeon X3480 @ 3.07GHz</u>	5661	790	NA	NA
<u>Intel Xeon X5260 @ 3.33GHz</u>	2455	1560	<u>45.47</u>	<u>\$54.00*</u>
<u>Intel Xeon X5270 @ 3.50GHz</u>	2553	1524	NA	NA
<u>Intel Xeon X5272 @ 3.40GHz</u>	2394	1583	<u>17.10</u>	<u>\$140.00*</u>
<u>Intel Xeon X5355 @ 2.66GHz</u>	3170	1311	<u>10.23</u>	<u>\$309.95*</u>
<u>Intel Xeon X5365 @ 3.00GHz</u>	3524	1213	<u>45.19</u>	<u>\$77.99</u>
<u>Intel Xeon X5450 @ 3.00GHz</u>	4106	1078	<u>68.49</u>	<u>\$59.96*</u>
<u>Intel Xeon X5460 @ 3.16GHz</u>	4323	1039	<u>94.01</u>	<u>\$45.99*</u>
<u>Intel Xeon X5470 @ 3.33GHz</u>	4578	984	<u>24.22</u>	<u>\$189.00*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon X5472 @ 3.00GHz</u>	4001	1095	<u>17.78</u>	<u>\$225.00*</u>
<u>Intel Xeon X5482 @ 3.20GHz</u>	4529	995	<u>45.30</u>	<u>\$99.99*</u>
<u>Intel Xeon X5492 @ 3.40GHz</u>	4865	926	<u>3.50</u>	<u>\$1,391.29*</u>
<u>Intel Xeon X5550 @ 2.67GHz</u>	5274	850	<u>17.30</u>	<u>\$304.85*</u>
<u>Intel Xeon X5560 @ 2.80GHz</u>	5405	828	<u>159.04</u>	<u>\$33.99</u>
<u>Intel Xeon X5570 @ 2.93GHz</u>	5618	795	<u>317.96</u>	<u>\$17.67*</u>
<u>Intel Xeon X5647 @ 2.93GHz</u>	5797	773	<u>290.91</u>	<u>\$19.93*</u>
<u>Intel Xeon X5650 @ 2.67GHz</u>	7302	624	<u>104.33</u>	<u>\$69.99</u>
<u>Intel Xeon X5660 @ 2.80GHz</u>	7588	597	<u>90.21</u>	<u>\$84.12*</u>
<u>Intel Xeon X5667 @ 3.07GHz</u>	6198	730	<u>265.70</u>	<u>\$23.33*</u>
<u>Intel Xeon X5670 @ 2.93GHz</u>	7818	571	<u>216.05</u>	<u>\$36.19</u>
<u>Intel Xeon X5672 @ 3.20GHz</u>	6461	706	<u>143.61</u>	<u>\$44.99*</u>
<u>Intel Xeon X5675 @ 3.07GHz</u>	8002	551	<u>102.61</u>	<u>\$77.99</u>
<u>Intel Xeon X5677 @ 3.47GHz</u>	6773	672	<u>177.87</u>	<u>\$38.08*</u>
<u>Intel Xeon X5679 @ 3.20GHz</u>	8958	461	NA	NA
<u>Intel Xeon X5680 @ 3.33GHz</u>	8359	518	<u>119.42</u>	<u>\$70.00</u>
<u>Intel Xeon X5687 @ 3.60GHz</u>	6984	651	<u>124.01</u>	<u>\$56.32</u>
<u>Intel Xeon X5690 @ 3.47GHz</u>	8797	477	<u>75.39</u>	<u>\$116.70</u>
<u>Intel Xeon X5698 @ 4.40GHz</u>	4272	1046	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

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<u>Intel Xeon X6550 @ 2.00GHz</u>	2977	1378	NA	NA
<u>Mobile AMD Athlon 4</u>	314	2743	3.62	\$86.99*
<u>Mobile AMD Athlon 4 2400+</u>	358	2698	NA	NA
<u>Mobile AMD Athlon 64 2700+</u>	398	2650	NA	NA
<u>Mobile AMD Athlon 64 2800+</u>	440	2600	NA	NA
<u>Mobile AMD Athlon 64 3000+</u>	450	2588	NA	NA
<u>Mobile AMD Athlon 64 3200+</u>	448	2592	NA	NA
<u>Mobile AMD Athlon 64 3400+</u>	511	2531	NA	NA
<u>Mobile AMD Athlon 64 3700+</u>	435	2610	NA	NA
<u>Mobile AMD Athlon 64 4000+</u>	576	2492	NA	NA
<u>Mobile AMD Athlon 1400+</u>	266	2818	NA	NA
<u>Mobile AMD Athlon 2500+</u>	370	2682	NA	NA
<u>Mobile AMD Athlon MP-M 1800+</u>	265	2819	NA	NA
<u>Mobile AMD Athlon MP-M 2000+</u>	378	2672	NA	NA
<u>Mobile AMD Athlon MP-M 2400+</u>	295	2772	NA	NA
<u>Mobile AMD Athlon MP-M 2800+</u>	496	2542	NA	NA
<u>Mobile AMD Athlon XP</u>	572	2496	45.81	\$12.49
<u>Mobile AMD Athlon XP-M</u>	512	2530	NA	NA
<u>Mobile AMD Athlon XP-M 1400+</u>	184	2900	NA	NA
<u>Mobile AMD Athlon XP-M 1500+</u>	261	2822	NA	NA
<u>Mobile AMD Athlon XP-M 1600+</u>	260	2824	NA	NA
<u>Mobile AMD Athlon XP-M 1700+</u>	323	2730	NA	NA
<u>Mobile AMD Athlon XP-M 1800+</u>	297	2767	NA	NA
<u>Mobile AMD Athlon XP-M 1900+</u>	342	2715	NA	NA
<u>Mobile AMD Athlon XP-M 2000+</u>	300	2761	NA	NA
<u>Mobile AMD Athlon XP-M 2200+</u>	364	2692	NA	NA
<u>Mobile AMD Athlon XP-M 2400+</u>	346	2710	NA	NA
<u>Mobile AMD Athlon XP-M 2500+</u>	346	2708	NA	NA
<u>Mobile AMD Athlon XP-M 2600+</u>	370	2681	NA	NA
<u>Mobile AMD Athlon XP-M 2800+</u>	365	2690	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Mobile AMD Athlon XP-M 3000+</u>	365	2689	NA	NA
<u>Mobile AMD Athlon XP-M 3100+</u>	440	2601	NA	NA
<u>Mobile AMD Athlon XP-M 3200+</u>	487	2548	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Mobile AMD Athlon XP-M (LV)</u>	508	2535	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 1500+</u>	288	2780	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 1600+</u>	296	2771	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 2000+</u>	335	2720	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 2200+</u>	373	2679	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 2800+</u>	475	2564	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 3200+</u>	505	2537	NA	NA
<u>Mobile AMD Sempron 2100+</u>	252	2833	NA	NA
<u>Mobile AMD Sempron 2600+</u>	394	2656	NA	NA
<u>Mobile AMD Sempron 2800+</u>	361	2695	NA	NA
<u>Mobile AMD Sempron 3000+</u>	389	2666	NA	NA
<u>Mobile AMD Sempron 3100+</u>	416	2623	NA	NA
<u>Mobile AMD Sempron 3200+</u>	354	2702	NA	NA
<u>Mobile AMD Sempron 3300+</u>	446	2594	NA	NA
<u>Mobile AMD Sempron 3400+</u>	441	2599	NA	NA
<u>Mobile AMD Sempron 3500+</u>	408	2633	NA	NA
<u>Mobile AMD Sempron 3600+</u>	427	2617	NA	NA
<u>Mobile AMD Sempron 3800+</u>	485	2553	NA	NA
<u>Mobile Intel Celeron 1.20GHz</u>	170	2911	NA	NA
<u>Mobile Intel Celeron 1.50GHz</u>	188	2895	NA	NA
<u>Mobile Intel Celeron 1.60GHz</u>	188	2896	NA	NA
<u>Mobile Intel Celeron 1.70GHz</u>	181	2904	NA	NA
<u>Mobile Intel Celeron 1.80GHz</u>	186	2898	NA	NA
<u>Mobile Intel Celeron 2.00GHz</u>	204	2880	NA	NA
<u>Mobile Intel Celeron 2.20GHz</u>	226	2860	NA	NA
<u>Mobile Intel Celeron 2.40GHz</u>	236	2852	NA	NA
<u>Mobile Intel Celeron 2.50GHz</u>	281	2799	NA	NA
<u>Mobile Intel Celeron 1200MHz</u>	294	2773	NA	NA
<u>Mobile Intel Celeron 1333MHz</u>	280	2801	NA	NA
<u>Mobile Intel Pentium 4 2.30GHz</u>	278	2806	6.38	\$43.56*
<u>Mobile Intel Pentium 4 2.40GHz</u>	264	2821	NA	NA
<u>Mobile Intel Pentium 4 2.66GHz</u>	279	2803	NA	NA
<u>Mobile Intel Pentium 4 2.80GHz</u>	315	2741	NA	NA
<u>Mobile Intel Pentium 4 3.06GHz</u>	337	2717	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Mobile Intel Pentium 4 3.20GHz</u>	356	2699	NA	NA
<u>Mobile Intel Pentium 4 3.33GHz</u>	439	2602	NA	NA
<u>Mobile Intel Pentium 4 3.46GHz</u>	478	2562	NA	NA
<u>Mobile Intel Pentium 4 - M 1.60GHz</u>	195	2890	NA	NA
<u>Mobile Intel Pentium 4 - M 1.70GHz</u>	173	2910	1.06	\$163.99
<u>Mobile Intel Pentium 4 - M 1.80GHz</u>	175	2907	NA	NA
<u>Mobile Intel Pentium 4 - M 1.90GHz</u>	232	2855	NA	NA
<u>Mobile Intel Pentium 4 - M 2.00GHz</u>	202	2885	NA	NA
<u>Mobile Intel Pentium 4 - M 2.20GHz</u>	198	2887	NA	NA
<u>Mobile Intel Pentium 4 - M 2.40GHz</u>	213	2871	NA	NA
<u>Mobile Intel Pentium 4 - M 2.50GHz</u>	256	2828	NA	NA
<u>Mobile Intel Pentium 4 - M 2.60GHz</u>	313	2745	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Mobile Intel Pentium III - M 866MHz</u>	211	2874	NA	NA
<u>Mobile Intel Pentium III - M 933MHz</u>	200	2886	NA	NA
<u>Mobile Intel Pentium III - M 1000MHz</u>	250	2836	NA	NA
<u>Mobile Intel Pentium III - M 1133MHz</u>	289	2778	NA	NA
<u>Mobile Intel Pentium III - M 1200MHz</u>	224	2861	NA	NA
<u>Mobile Intel Pentium III - M 1333MHz</u>	289	2779	NA	NA
<u>Pentium Dual-Core E6000 @ 3.46GHz</u>	2501	1546	NA	NA
<u>Quad-Core AMD Opteron 1385</u>	3442	1234	63.75	\$54.00*
<u>Quad-Core AMD Opteron 1389</u>	3446	1233	NA	NA
<u>Six-Core AMD Opteron 2419 EE</u>	2925	1398	NA	NA
<u>VIA C3 Ezra</u>	100	2939	NA	NA
<u>VIA C7 1500MHz</u>	284	2790	NA	NA
<u>VIA C7-D 1500MHz</u>	287	2786	NA	NA
<u>VIA C7-D 1800MHz</u>	203	2882	NA	NA
<u>VIA C7-D 2000MHz</u>	368	2685	NA	NA
<u>VIA C7-M 1000MHz</u>	164	2913	NA	NA
<u>VIA C7-M 1200MHz</u>	140	2926	NA	NA
<u>VIA C7-M 1600MHz</u>	178	2906	NA	NA
<u>VIA C7-M 6300MHz</u>	222	2863	NA	NA
<u>VIA Eden 800MHz</u>	155	2917	NA	NA
<u>VIA Eden 1000MHz</u>	123	2934	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>VIA Eden 1200MHz</u>	142	2925	NA	NA
<u>VIA Eden C1050@1.06GHz</u>	352	2705	NA	NA
<u>VIA Eden X2 U4200 @ 1.0+ GHz</u>	480	2560	NA	NA
<u>VIA Eden X4 C4250 @ 1.2+GHz</u>	1262	2121	NA	NA
<u>VIA Esther 1000MHz</u>	146	2924	NA	NA
<u>VIA Esther 1300MHz</u>	250	2835	NA	NA
<u>VIA Esther 1500MHz</u>	219	2865	NA	NA
<u>VIA Esther 2000MHz</u>	394	2655	NA	NA
<u>VIA Nano L1900@1400MHz</u>	457	2582	NA	NA
<u>VIA Nano L2007@1600MHz</u>	369	2683	NA	NA
<u>VIA Nano L2100@1800MHz</u>	428	2615	NA	NA
<u>VIA Nano L2207@1600MHz</u>	296	2770	NA	NA
<u>VIA Nano L3025@1600MHz</u>	517	2527	NA	NA
<u>VIA Nano L3050@1800MHz</u>	581	2489	NA	NA
<u>VIA Nano L3600@2000MHz</u>	645	2456	NA	NA
<u>VIA Nano U2250 (1.6GHz Capable)</u>	415	2624	NA	NA
<u>VIA Nano U2250@1300+MHz</u>	274	2810	NA	NA
<u>VIA Nano U2500@1200MHz</u>	306	2752	NA	NA
<u>VIA Nano U3100 (1.6GHz Capable)</u>	501	2539	NA	NA
<u>VIA Nano U3300@1200MHz</u>	409	2631	NA	NA
<u>VIA Nano U3500@1000MHz</u>	275	2808	NA	NA
<u>VIA Nano X2 U4025 @ 1.2 GHz</u>	605	2474	NA	NA
<u>VIA Nehemiah</u>	155	2918	NA	NA
<u>VIA QuadCore C4650@2.0GHz</u>	1897	1793	NA	NA
<u>VIA QuadCore L4700 @ 1.2+ GHz</u>	1363	2059	NA	NA
<u>VIA QuadCore U4650 @ 1.0+ GHz</u>	1173	2168	NA	NA
<u>VIA Samuel 2</u>	79	2941	NA	NA
<u>ZHAOXIN KaiXian KX-U6780A@2.7GHz</u>	5760	781	NA	NA

* - Last price seen from our affiliates.

Multi CPU Systems

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Passmark CPU Mark Rank (higher is better)	RAM Rank (lower is better)	PC Systems CPU Value (higher is better)	Android Price (USD)	iOS / iPhone
CPU Name							
<u>[3-Way] Intel Xeon X7460 @ 2.66GHz</u>			7672	324	3.61	\$2,126.85*	
<u>[8-Way] Intel Xeon X7560 @ 2.27GHz</u>			17658	145	100.33	\$176.00*	
<u>[Dual CPU] AMD Athlon 64 FX-72</u>			3163	430	NA	NA	
<u>[Dual CPU] AMD Athlon 64 FX-74</u>			2945	436	2.95	\$999.00*	
<u>[Dual CPU] AMD Athlon MP 2000+</u>			604	482	NA	NA	
<u>[Dual CPU] AMD EPYC 7251</u>			12955	202	13.62	\$950.90	
<u>[Dual CPU] AMD EPYC 7261</u>			12430	210	14.01	\$887.54	
<u>[Dual CPU] AMD EPYC 7281</u>			13293	198	10.41	\$1,277.36	
<u>[Dual CPU] AMD EPYC 7371</u>			19370	129	NA	NA	
<u>[Dual CPU] AMD EPYC 7401</u>			23518	78	7.24	\$3,249.80	
<u>[Dual CPU] AMD EPYC 7451</u>			28957	44	13.63	\$2,123.94	
<u>[Dual CPU] AMD EPYC 7501</u>			28991	43	7.03	\$4,121.72	
<u>[Dual CPU] AMD EPYC 7551</u>			31452	30	5.45	\$5,774.00	
<u>[Dual CPU] AMD EPYC 7601</u>			33545	23	4.38	\$7,658.34	
<u>[Dual CPU] AMD EPYC 7742</u>			56197	1	4.04	\$13,900.00*	
<u>[Dual CPU] AMD Opteron 246</u>			1130	471	28.26	\$39.98*	
<u>[Dual CPU] AMD Opteron 248</u>			1053	472	5.27	\$199.90	
<u>[Dual CPU] AMD Opteron 250</u>			1438	467	65.36	\$22.00*	
<u>[Dual CPU] AMD Opteron 252</u>			1418	468	11.19	\$126.72*	
<u>[Dual CPU] AMD Opteron 254</u>			816	477	NA	NA	
<u>[Dual CPU] AMD Opteron 256</u>			1853	464	48.76	\$38.00*	
<u>[Dual CPU] AMD Opteron 265</u>			2010	462	13.77	\$146.00	
<u>[Dual CPU] AMD Opteron 270</u>			2226	458	1.83	\$1,214.94*	
<u>[Dual CPU] AMD Opteron 275</u>			2133	461	16.41	\$129.98	
<u>[Dual CPU] AMD Opteron 280</u>			2452	453	1.54	\$1,593.34*	
<u>[Dual CPU] AMD Opteron 285</u>			2769	443	17.32	\$159.90	
<u>[Dual CPU] AMD Opteron 290</u>			2716	445	10.06	\$270.00*	
<u>[Dual CPU] AMD Opteron 850</u>			1410	469	0.47	\$3,028.00*	
<u>[Dual CPU] AMD Opteron 885</u>			2851	439	NA	NA	
<u>[Dual CPU] AMD Opteron 2212</u>			2203	459	55.08	\$40.00*	
<u>[Dual CPU] AMD Opteron 2214</u>			2344	454	40.41	\$58.00*	
<u>[Dual CPU] AMD Opteron 2214 HE</u>			2463	452	NA	NA	
<u>[Dual CPU] AMD Opteron 2216</u>			2485	451	48.16	\$51.60	

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2216 HE	2593	447	NA	NA
[Dual CPU] AMD Opteron 2218	2719	444	17.00	\$159.90
[Dual CPU] AMD Opteron 2218 HE	2514	448	NA	NA
[Dual CPU] AMD Opteron 2220	2854	438	17.85	\$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	437	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	434	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	428	45.30	\$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	418	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	425	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	419	25.50	\$159.90
[Dual CPU] AMD Opteron 2354	4554	406	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	409	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	388	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	416	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	402	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	389	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	387	14.85	\$358.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2380	5754	373	63.93	\$90.00
[Dual CPU] AMD Opteron 2384	5714	375	3.40	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	361	NA	NA
[Dual CPU] AMD Opteron 2389	5677	376	48.11	\$118.00*
[Dual CPU] AMD Opteron 2419	5191	391	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	362	NA	NA
[Dual CPU] AMD Opteron 2427	5907	371	36.94	\$159.90
[Dual CPU] AMD Opteron 2431	6438	355	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7068	340	18.70	\$378.00*
[Dual CPU] AMD Opteron 2439 SE	8071	310	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	420	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	378	24.58	\$229.90*
[Dual CPU] AMD Opteron 4170 HE	6344	358	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	356	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7813	315	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	309	80.90	\$99.98*

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>[Dual CPU] AMD Opteron 4228 HE</u>	7986	312	NA	NA
<u>[Dual CPU] AMD Opteron 4234</u>	8953	284	19.46	\$459.98*
<u>[Dual CPU] AMD Opteron 4274 HE</u>	4214	413	52.69	\$79.98*
<u>[Dual CPU] AMD Opteron 4276 HE</u>	9681	268	NA	NA
<u>[Dual CPU] AMD Opteron 4280</u>	4525	407	45.25	\$100.00
<u>[Dual CPU] AMD Opteron 4284</u>	9151	277	76.27	\$119.98*
<u>[Dual CPU] AMD Opteron 4334</u>	9456	275	21.85	\$432.84*
<u>[Dual CPU] AMD Opteron 4340</u>	10419	247	21.71	\$479.98*
<u>[Dual CPU] AMD Opteron 4376 HE</u>	10244	257	8.15	\$1,257.44*
<u>[Dual CPU] AMD Opteron 4386</u>	11410	230	40.75	\$279.98*
<u>[Dual CPU] AMD Opteron 6128</u>	6762	347	178.04	\$37.98
<u>[Dual CPU] AMD Opteron 6128 HE</u>	5582	381	NA	NA
<u>[Dual CPU] AMD Opteron 6132 HE</u>	8657	294	NA	NA
<u>[Dual CPU] AMD Opteron 6134</u>	7586	326	86.22	\$87.98*
<u>[Dual CPU] AMD Opteron 6136</u>	7255	334	32.98	\$220.00*
<u>[Dual CPU] AMD Opteron 6164 HE</u>	5109	394	NA	NA
<u>[Dual CPU] AMD Opteron 6168</u>	7741	321	92.15	\$84.00
<u>[Dual CPU] AMD Opteron 6172</u>	7621	325	19.24	\$396.00*
<u>[Dual CPU] AMD Opteron 6174</u>	7783	316	48.67	\$159.90
<u>[Dual CPU] AMD Opteron 6176 SE</u>	8448	299	26.57	\$318.00*
<u>[Dual CPU] AMD Opteron 6180 SE</u>	3114	431	16.40	\$189.90
<u>[Dual CPU] AMD Opteron 6204</u>	7134	336	50.96	\$139.98*
<u>[Dual CPU] AMD Opteron 6212</u>	8927	288	148.83	\$59.98*
<u>[Dual CPU] AMD Opteron 6220</u>	10740	243	89.51	\$119.98*
<u>[Dual CPU] AMD Opteron 6234</u>	10079	261	168.26	\$59.90*
<u>[Dual CPU] AMD Opteron 6238</u>	10349	250	14.38	\$719.78*
<u>[Dual CPU] AMD Opteron 6272</u>	9841	265	70.30	\$139.98
<u>[Dual CPU] AMD Opteron 6274</u>	10536	245	117.09	\$89.98
<u>[Dual CPU] AMD Opteron 6275</u>	10900	241	NA	NA
<u>[Dual CPU] AMD Opteron 6276</u>	10194	260	30.16	\$338.00
<u>[Dual CPU] AMD Opteron 6284 SE</u>	11985	222	17.12	\$699.98*
<u>[Dual CPU] AMD Opteron 6308</u>	8351	301	13.47	\$619.96*
<u>[Dual CPU] AMD Opteron 6320</u>	10716	244	20.88	\$513.18
CPU Name	Passmark CPU Mark	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
CPU Name			Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>[Dual CPU] AMD Opteron 6328</u>			12013	221	<u>10.09</u>	<u>\$1,190.00</u>
<u>[Dual CPU] AMD Opteron 6344</u>			11203	235	<u>14.40</u>	<u>\$778.00</u>
<u>[Dual CPU] AMD Opteron 6348</u>			11412	229	<u>18.64</u>	<u>\$612.20</u>
<u>[Dual CPU] AMD Opteron 6376</u>			10405	249	<u>80.04</u>	<u>\$130.00</u>
<u>[Dual CPU] AMD Opteron 6378</u>			9145	278	<u>24.07</u>	<u>\$380.00</u>
<u>[Dual CPU] AMD Opteron 6380</u>			14200	181	<u>120.34</u>	<u>\$118.00</u>
<u>[Dual CPU] AMD Opteron 6386 SE</u>			12195	215	<u>42.05</u>	<u>\$289.98</u>
<u>[Dual CPU] AMD Opteron 8218</u>			2831	440	<u>61.54</u>	<u>\$46.00</u>
<u>[Dual CPU] AMD Opteron 8220</u>			2510	449	<u>15.70</u>	<u>\$159.90</u>
<u>[Dual CPU] AMD Opteron 8222 SE</u>			2793	442	<u>0.45</u>	<u>\$6,180.64*</u>
<u>[Dual CPU] AMD Opteron 8354</u>			3223	429	<u>67.15</u>	<u>\$48.00</u>
<u>[Dual CPU] AMD Opteron 8380</u>			5643	379	<u>13.70</u>	<u>\$412.02*</u>
<u>[Dual CPU] AMD Opteron 8381 HE</u>			5210	390	NA	NA
<u>[Dual CPU] AMD Opteron 8389</u>			6517	352	<u>41.25</u>	<u>\$158.00</u>
<u>[Dual CPU] AMD Opteron 8431</u>			5813	372	<u>207.76</u>	<u>\$27.98*</u>
<u>[Dual CPU] AMD Opteron 8435</u>			6739	348	<u>46.80</u>	<u>\$144.00*</u>
<u>[Dual CPU] AMD Opteron 8439 SE</u>			7691	323	<u>51.27</u>	<u>\$150.00*</u>
<u>[Dual CPU] C-QuadCore C4700@2.0GHz</u>			1163	470	NA	NA
<u>[Dual CPU] Dual-Core AMD Opteron 2212 HE</u>			2302	456	NA	NA
<u>[Dual CPU] Dual-Core AMD Opteron 8224 SE</u>			3532	424	NA	NA
<u>[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz</u>			7908	313	<u>2.19</u>	<u>\$3,611.90*</u>
<u>[Dual CPU] Intel Pentium III 1133 @ 1133MHz</u>			450	491	NA	NA
<u>[Dual CPU] Intel Pentium III 1266S @ 1266MHz</u>			465	489	NA	NA
<u>[Dual CPU] Intel Pentium III 1400 @ 1400MHz</u>			540	486	NA	NA
<u>[Dual CPU] Intel Pentium III 1400S @ 1400MHz</u>			541	485	NA	NA
<u>[Dual CPU] Intel XEON 1.80GHz</u>			362	492	NA	NA
<u>[Dual CPU] Intel Xeon 2.00GHz</u>			339	493	NA	NA
<u>[Dual CPU] Intel XEON 2.20GHz</u>			453	490	NA	NA
<u>[Dual CPU] Intel Xeon 2.40GHz</u>			473	488	<u>25.99</u>	<u>\$18.20*</u>
<u>[Dual CPU] Intel Xeon 2.66GHz</u>			601	483	NA	NA
<u>[Dual CPU] Intel Xeon 2.80GHz</u>			683	479	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>[Dual CPU] Intel Xeon 3.00GHz</u>	771	478	NA	NA
<u>[Dual CPU] Intel Xeon 3.06GHz</u>	604	481	NA	NA
<u>[Dual CPU] Intel Xeon 3.20GHz</u>	852	476	NA	NA
<u>[Dual CPU] Intel Xeon 3.40GHz</u>	889	475	NA	NA
<u>[Dual CPU] Intel Xeon 3.60GHz</u>	930	474	<u>0.55</u>	<u>\$1,702.00*</u>
<u>[Dual CPU] Intel Xeon 3.73GHz</u>	1859	463	NA	NA
<u>[Dual CPU] Intel Xeon 3.80GHz</u>	993	473	<u>0.58</u>	<u>\$1,702.00*</u>
<u>[Dual CPU] Intel Xeon 5110 @ 1.60GHz</u>	2137	460	<u>30.53</u>	<u>\$70.00*</u>
<u>[Dual CPU] Intel Xeon 5120 @ 1.86GHz</u>	2315	455	<u>0.71</u>	<u>\$3,239.98</u>
<u>[Dual CPU] Intel Xeon 5130 @ 2.00GHz</u>	2619	446	<u>41.62</u>	<u>\$62.92*</u>
<u>[Dual CPU] Intel Xeon 5138 @ 2.13GHz</u>	3017	432	NA	NA
<u>[Dual CPU] Intel Xeon 5140 @ 2.33GHz</u>	2975	435	<u>59.52</u>	<u>\$49.98*</u>
<u>[Dual CPU] Intel Xeon 5148 @ 2.33GHz</u>	2999	433	<u>114.20</u>	<u>\$26.26*</u>
<u>[Dual CPU] Intel Xeon 5150 @ 2.66GHz</u>	3409	426	<u>12.18</u>	<u>\$279.90*</u>
<u>[Dual CPU] Intel Xeon 5160 @ 3.00GHz</u>	3826	422	<u>51.03</u>	<u>\$74.98*</u>
<u>[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz</u>	8929	287	<u>18.76</u>	<u>\$475.98</u>
<u>[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz</u>	11012	238	<u>16.69</u>	<u>\$659.98</u>
<u>[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz</u>	6204	363	<u>100.10</u>	<u>\$61.98*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz</u>	6304	360	<u>87.58</u>	<u>\$71.98*</u>
<u>[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz</u>	7303	332	<u>121.72</u>	<u>\$60.00</u>
<u>[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz</u>	9018	280	<u>39.02</u>	<u>\$231.12*</u>
<u>[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz</u>	11299	232	<u>14.49</u>	<u>\$780.04*</u>
<u>[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz</u>	11910	223	<u>205.34</u>	<u>\$58.00</u>
<u>[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz</u>	8321	304	NA	NA
<u>[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz</u>	13220	200	<u>173.95</u>	<u>\$76.00*</u>
<u>[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz</u>	13763	185	<u>22.20</u>	<u>\$620.00*</u>
<u>[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz</u>	10818	242	<u>167.57</u>	<u>\$64.56*</u>
<u>[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz</u>	12354	212	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	203	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	11334	231	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15680	165	120.63	\$129.98
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	15106	173	48.73	\$310.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11664	225	44.86	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	13442	195	52.51	\$256.00
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	136	41.83	\$444.00
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	359	127.11	\$49.88*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	351	54.34	\$119.98*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	300	13.50	\$619.90
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8932	286	19.42	\$459.98
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8162	307	140.77	\$57.98
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9017	281	32.30	\$279.20
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	263	8.10	\$1,238.14*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	239	17.18	\$639.98
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12250	214	290.97	\$42.10
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13216	201	38.51	\$343.22*
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15242	171	90.73	\$168.00
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16453	154	22.23	\$739.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14339	180	11.05	\$1,298.00*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	206	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	178	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13502	194	70.33	\$191.98
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15942	160	181.41	\$87.88
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18496	140	94.37	\$196.00

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz</u>	18736	135	<u>14.19</u>	<u>\$1,319.98</u>
<u>[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz</u>	11506	227	NA	NA
<u>[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz</u>	13706	187	<u>175.27</u>	<u>\$78.20</u>
<u>[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz</u>	15183	172	<u>22.33</u>	<u>\$679.90*</u>
<u>[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz</u>	7706	322	<u>4.35</u>	<u>\$1,770.00*</u>
<u>[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz</u>	15888	162	<u>93.47</u>	<u>\$169.98*</u>
<u>[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz</u>	16393	155	<u>26.44</u>	<u>\$619.98*</u>
<u>[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz</u>	16703	152	<u>7.69</u>	<u>\$2,171.98</u>
<u>[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz</u>	14674	176	<u>77.24</u>	<u>\$189.98</u>
<u>[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz</u>	14505	179	<u>35.81</u>	<u>\$405.08</u>
<u>[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz</u>	19881	121	<u>56.81</u>	<u>\$349.98*</u>
<u>[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz</u>	20530	115	<u>10.40</u>	<u>\$1,973.98</u>
<u>[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz</u>	13673	189	<u>38.69</u>	<u>\$353.44</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz</u>	20773	111	<u>95.30</u>	<u>\$217.98</u>
<u>[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz</u>	21023	106	<u>40.43</u>	<u>\$519.98</u>
<u>[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz</u>	21534	100	<u>6.44</u>	<u>\$3,342.50*</u>
<u>[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz</u>	12399	211	NA	NA
<u>[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz</u>	13801	184	<u>4.67</u>	<u>\$2,958.00*</u>
<u>[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz</u>	18089	142	<u>5.79</u>	<u>\$3,121.72*</u>
<u>[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz</u>	15056	174	<u>167.29</u>	<u>\$90.00</u>
<u>[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz</u>	18888	133	<u>131.08</u>	<u>\$144.10</u>
<u>[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz</u>	20346	117	<u>63.59</u>	<u>\$319.98</u>
<u>[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz</u>	20740	112	<u>8.64</u>	<u>\$2,399.98</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz</u>	13621	191	<u>86.21</u>	<u>\$158.00*</u>
<u>[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz</u>	14152	182	<u>52.09</u>	<u>\$271.68*</u>
<u>[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz</u>	20924	107	<u>6.99</u>	<u>\$2,992.00*</u>
<u>[Dual CPU] Intel Xeon E5-2652 v3 @ 2.30GHz</u>	19588	124	<u>8.36</u>	<u>\$2,342.00*</u>
<u>[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz</u>	13855	183	<u>4.74</u>	<u>\$2,924.00*</u>
<u>[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz</u>	18822	134	<u>52.29</u>	<u>\$359.98*</u>
<u>[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz</u>	19391	128	NA	NA
<u>[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz</u>	17786	144	<u>4.85</u>	<u>\$3,664.00*</u>
<u>[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz</u>	16378	156	<u>124.09</u>	<u>\$131.98</u>
<u>[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz</u>	17795	143	<u>49.15</u>	<u>\$362.08</u>
<u>[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz</u>	22577	92	<u>22.18</u>	<u>\$1,018.00</u>
<u>[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz</u>	23225	83	<u>7.74</u>	<u>\$2,999.98*</u>
<u>[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz</u>	23137	84	NA	NA
<u>[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz</u>	17036	149	<u>76.06</u>	<u>\$223.98</u>
<u>[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz</u>	24877	69	NA	NA
<u>[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz</u>	16358	157	<u>123.09</u>	<u>\$132.90</u>
<u>[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz</u>	22624	90	<u>31.42</u>	<u>\$719.98</u>
<u>[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz</u>	22589	91	<u>28.37</u>	<u>\$796.28</u>
<u>[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz</u>	22916	86	<u>5.88</u>	<u>\$3,898.06*</u>
<u>[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz</u>	18168	141	<u>129.77</u>	<u>\$140.00</u>
<u>[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz</u>	20611	114	<u>64.81</u>	<u>\$318.00</u>
<u>[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz</u>	22298	95	<u>53.09</u>	<u>\$419.98</u>
<u>[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz</u>	23393	80	NA	NA
<u>[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz</u>	21751	98	<u>15.54</u>	<u>\$1,400.00*</u>
<u>[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz</u>	26537	60	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz</u>	19762	122	NA	NA
<u>[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz</u>	21063	105	NA	NA
<u>[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz</u>	29934	37	<u>5.54</u>	<u>\$5,404.00*</u>
<u>[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz</u>	18566	137	<u>136.37</u>	<u>\$136.14</u>
<u>[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz</u>	21537	99	<u>45.82</u>	<u>\$470.00</u>
<u>[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz</u>	24215	75	<u>40.36</u>	<u>\$599.98</u>
<u>[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz</u>	22761	88	<u>7.54</u>	<u>\$3,018.00*</u>
<u>[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz</u>	16920	150	NA	NA
<u>[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz</u>	21121	104	<u>20.71</u>	<u>\$1,019.98*</u>
<u>[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz</u>	24989	68	<u>5.66</u>	<u>\$4,417.86*</u>
<u>[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz</u>	22049	96	NA	NA
<u>[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz</u>	26907	57	NA	NA
<u>[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz</u>	28784	46	NA	NA
<u>[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz</u>	20804	110	<u>48.38</u>	<u>\$429.98</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz</u>	23288	82	<u>34.76</u>	<u>\$670.00</u>
<u>[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz</u>	24320	74	<u>20.61</u>	<u>\$1,179.98</u>
<u>[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz</u>	26668	58	<u>6.13</u>	<u>\$4,349.98</u>
<u>[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz</u>	19404	127	NA	NA
<u>[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz</u>	25703	65	NA	NA
<u>[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz</u>	19645	123	<u>95.71</u>	<u>\$205.26</u>
<u>[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz</u>	23625	77	<u>20.06</u>	<u>\$1,177.98</u>
<u>[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz</u>	25801	64	<u>52.23</u>	<u>\$493.98</u>
<u>[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz</u>	27411	54	<u>6.32</u>	<u>\$4,339.98</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD) iOS / iPhone
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20872	108	40.29	\$517.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	70	12.30	\$2,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	73	6.81	\$3,618.00*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23501	79	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	35	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31774	29	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23308	81	30.70	\$759.24
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27393	55	29.40	\$931.80
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30440	34	5.48	\$5,551.98
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	29185	41	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	28325	50	4.14	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	33	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	27	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	76	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26341	61	5.25	\$5,018.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	21	2.86	\$11,909.58*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	113	NA	NA
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz	15383	168	85.56	\$179.80*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	126	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	161	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	130	35.31	\$544.08*
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	125	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18565	138	132.63	\$139.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	175	1.94	\$7,676.00*

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	13742	186	57.26	\$239.98*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	93	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	53	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	216	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	164	NA	NA
[Dual CPU] Intel Xeon E7-4830 @ 2.13GHz	9539	274	147.66	\$64.60*
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	94	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	220	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15263	170	40.38	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10965	240	27.41	\$399.98*
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10207	258	1.02	\$10,017.02*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	457	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	421	22.74	\$177.56*
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3554	423	36.27	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4166	415	53.75	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	397	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 E5335 @ 2.00GHz	4559	405	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5120	393	64.02	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5138	392	64.31	\$79.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6010	368	14.38	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6348	357	50.42	\$125.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6831	346	30.77	\$221.98*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7126	337	35.99	\$198.00*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7501	329	69.45	\$108.00*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7093	339	129.91	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7769	318	129.31	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2492	450	13.12	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	441	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4878	401	34.87	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4990	396	39.60	\$126.02*

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Video Card Benchmarks	[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	384	5.92	\$913.82*
Hard Drive Benchmarks	[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7300	333	90.48	\$80.68
RAM	[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7576	327	15.40	\$492.00*
PC Systems	[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7752	319	65.69	\$118.00*
Android	[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	417	16.04	\$258.08*
iOS / iPhone	[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	382	12.57	\$438.00*
	[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5947	370	42.96	\$138.42*
	[Dual CPU] Intel Xeon E5620 @ 2.40GHz	7996	311	67.77	\$117.98
	[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8329	302	118.99	\$70.00*
	[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8662	293	154.73	\$55.98*
	[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10246	256	63.03	\$162.56
	[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10265	254	44.63	\$230.00*
	[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	383	87.81	\$62.00*
	[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	386	29.87	\$179.98*
	[Dual CPU] Intel Xeon E7540 @ 2.00GHz	6738	349	210.96	\$31.94*
	[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	97	8.41	\$2,618.10*
	[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21437	101	NA	NA
	[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	103	NA	NA
	[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22722	89	9.46	\$2,401.80*
	[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	67	8.04	\$3,122.00*
	[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	146	6.88	\$2,539.98
	[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	56	10.14	\$2,698.00*
	[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	22983	85	7.04	\$3,265.92*
	[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	132	7.83	\$2,442.00*
	[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28610	48	7.57	\$3,780.00
	[Dual CPU] Intel Xeon Gold 6126T @ 2.60GHz	20420	116	5.47	\$3,730.00*
	[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22875	87	6.50	\$3,519.50*
	[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26585	59	6.86	\$3,875.58*

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz</u>	27522	52	5.48	\$5,017.90
<u>[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz</u>	24666	72	5.20	\$4,745.98
<u>[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz</u>	29961	36	5.73	\$5,227.18*
<u>[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz</u>	27932	51	NA	NA
<u>[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz</u>	34466	20	6.56	\$5,257.90
<u>[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz</u>	32589	26	6.68	\$4,879.98
<u>[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz</u>	28848	45	4.70	\$6,139.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz</u>	29907	38	NA	NA
<u>[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz</u>	28723	47	4.91	\$5,850.00*
<u>[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz</u>	29655	39	3.22	\$9,217.90*
<u>[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz</u>	36731	14	6.28	\$5,850.00
<u>[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz</u>	32941	25	NA	NA
<u>[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz</u>	33142	24	4.36	\$7,599.98
<u>[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz</u>	37168	12	4.75	\$7,818.00*
<u>[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz</u>	29161	42	6.57	\$4,440.00*
<u>[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz</u>	31379	31	4.66	\$6,737.66*
<u>[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz</u>	33741	22	5.13	\$6,572.00*
<u>[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz</u>	38755	8	6.16	\$6,291.90
<u>[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz</u>	37405	10	4.68	\$7,999.98
<u>[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz</u>	41159	4	5.55	\$7,418.00*
<u>[Dual CPU] Intel Xeon L5240 @ 3.00GHz</u>	4469	408	71.16	\$62.80*
<u>[Dual CPU] Intel Xeon L5320 @ 1.86GHz</u>	4286	412	30.62	\$139.98*
<u>[Dual CPU] Intel Xeon L5335 @ 2.00GHz</u>	4891	399	130.15	\$37.58*

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	380	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	365	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	354	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	367	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	398	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	344	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6961	343	271.49	\$25.64*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7553	328	196.08	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6973	342	166.10	\$41.98*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8693	291	62.18	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9607	271	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9663	269	161.21	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	484	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	487	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	480	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	465	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	16	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	37838	9	2.46	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	40	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	7	3.33	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	15	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	17	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	11	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	5	3.26	\$12,604.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	159	17.75	\$899.98
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16697	153	20.98	\$796.00
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	192	13.24	\$1,027.98
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19206	131	12.49	\$1,537.98

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	102	10.21	\$2,099.98
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	120	19.96	\$1,002.00*
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	25402	66	18.04	\$1,408.00*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10062	262	47.01	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10249	255	2.04	\$5,017.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	253	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	403	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	404	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	400	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5738	374	9.26	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6203	364	39.77	\$155.98
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7436	330	62.01	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7822	314	85.04	\$91.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	308	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	317	17.28	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8175	306	40.88	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8682	292	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8758	289	14.36	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9002	282	132.42	\$67.98
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9279	276	262.56	\$35.34*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9642	270	241.90	\$39.86*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11256	233	80.41	\$139.98
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11645	226	69.22	\$168.24*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10288	252	220.49	\$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12082	217	166.92	\$72.38
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10320	251	114.69	\$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12447	207	79.80	\$155.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11160	236	146.53	\$76.16*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13428	196	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13348	197	95.34	\$140.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11750	224	104.31	\$112.64

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>[Dual CPU] Intel Xeon X5690 @ 3.47GHz</u>	13673	188	58.58	\$233.40
<u>[Dual CPU] Intel Xeon X5698 @ 4.40GHz</u>	8488	298	NA	NA
<u>[Dual CPU] Intel Xeon X7350 @ 2.93GHz</u>	6594	350	91.61	\$71.98*
<u>[Dual CPU] Intel Xeon X7460 @ 2.66GHz</u>	8721	290	6.15	\$1,417.90*
<u>[Dual CPU] Intel Xeon X7542 @ 2.67GHz</u>	8972	283	13.22	\$678.48*
<u>[Dual CPU] Intel Xeon X7550 @ 2.00GHz</u>	9937	264	18.07	\$550.00*
<u>[Dual CPU] Intel Xeon X7560 @ 2.27GHz</u>	11230	234	255.23	\$44.00*
<u>[Dual CPU] Quad-Core AMD Opteron 2352</u>	4171	414	46.34	\$90.00
<u>[Dual CPU] Quad-Core AMD Opteron 2358 SE</u>	5042	395	11.46	\$440.02*
<u>[Dual CPU] Quad-Core AMD Opteron 8350</u>	4290	411	9.75	\$439.98*
<u>[Dual CPU] Quad-Core AMD Opteron 8356</u>	4376	410	27.37	\$159.90
<u>[Dual CPU] Quad-Core AMD Opteron 8378</u>	5382	385	30.51	\$176.42*
<u>[Dual CPU] Quad-Core AMD Opteron 8393 SE</u>	6864	345	NA	NA
<u>[Dual CPU] Six-Core AMD Opteron 2419 EE</u>	5654	377	NA	NA
<u>[Dual CPU] Six-Core AMD Opteron 2423 HE</u>	5969	369	NA	NA
<u>[Quad CPU] AMD Opteron 6128 HE</u>	8323	303	NA	NA
<u>[Quad CPU] AMD Opteron 6136</u>	9767	266	22.20	\$440.00*
<u>[Quad CPU] AMD Opteron 6174</u>	8594	296	26.87	\$319.80
<u>[Quad CPU] AMD Opteron 6272</u>	12292	213	43.91	\$279.96
<u>[Quad CPU] AMD Opteron 6274</u>	10488	246	58.28	\$179.96
<u>[Quad CPU] AMD Opteron 6276</u>	15342	169	22.70	\$676.00
<u>[Quad CPU] AMD Opteron 6278</u>	12055	218	24.31	\$495.80
<u>[Quad CPU] AMD Opteron 6282 SE</u>	11044	237	4.31	\$2,560.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>[Quad CPU] AMD Opteron 6376</u>	13257	199	50.99	\$260.00
<u>[Quad CPU] AMD Opteron 6378</u>	20859	109	27.45	\$760.00
<u>[Quad CPU] AMD Opteron 6380</u>	12442	208	52.72	\$236.00
<u>[Quad CPU] AMD Opteron 8360 SE</u>	6490	353	77.26	\$84.00*
<u>[Quad CPU] AMD Opteron 8381 HE</u>	6097	366	NA	NA
<u>[Quad CPU] AMD Opteron 8382</u>	8553	297	10.74	\$796.00*
<u>[Quad CPU] AMD Opteron 8425 HE</u>	7359	331	NA	NA
<u>[Quad CPU] AMD Opteron 8431</u>	8252	305	147.46	\$55.96*

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 8435	7099	338	24.65	\$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	285	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	466	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	427	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	151	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	14669	177	27.32	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	190	42.59	\$319.96*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	71	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	20036	119	18.41	\$1,088.16*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	17127	148	61.18	\$279.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	62	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	18557	139	38.66	\$479.96*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	32	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	118	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	13606	193	105.31	\$129.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	158	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	19	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	49	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	28	NA	NA
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	13	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	15433	166	96.48	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17398	147	131.84	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15429	167	20.41	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	205	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	163	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	341	20.65	\$340.00*

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems


Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	320	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	259	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	272	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	279	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	63	5.15	\$5,079.96
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	18	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	6	2.68	\$15,199.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	267	NA	NA
[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10406	248	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	3	1.10	\$40,060.00*
[Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz	48904	2	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	273	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	219	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	295	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	228	10.45	\$1,100.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	12824	204	145.73	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	335	22.42	\$319.80

* - Last price seen from our affiliates.

[CPU Benchmarks](#) [Video Card Benchmarks](#) [Hard Drive Benchmarks](#) [RAM](#) [PC Systems](#) [Android](#) [iOS / iPhone](#)

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