

[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.

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AMD Ryzen™ Embedded V1000

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OPEN

Single CPU Systems

- 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

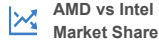
- Single Thread**
 - Systems with Multiple CPUs
 - Overclocked
 - Power Performance
 - CPU Mark by Socket Type

- CPU Mega List**
[Search Model](#)

- Compare** ⁰

- Common**
 - Most Benchmarked

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2818	NA	NA
AMD A4 Micro-6400T APU	1544	2008	NA	NA
AMD A4 PRO-3340B	2402	1612	NA	NA
AMD A4 PRO-7300B APU	2353	1634	NA	NA
AMD A4 PRO-7350B	2227	1686	NA	NA
AMD A4-1200 APU	632	2498	NA	NA
AMD A4-1250 APU	622	2505	NA	NA
AMD A4-3300 APU	1503	2033	115.75	\$12.99
AMD A4-3300M APU	1188	2197	39.62	\$29.99*
AMD A4-3305M APU	1227	2175	39.85	\$30.81
AMD A4-3310MX APU	1286	2138	NA	NA
AMD A4-3320M APU	1253	2161	34.93	\$35.90
AMD A4-3330MX APU	1218	2179	NA	NA
AMD A4-3400 APU	1594	1991	18.13	\$87.95
AMD A4-3420 APU	1664	1952	NA	NA
AMD A4-4000 APU	1831	1866	14.27	\$128.27*
AMD A4-4020 APU	1909	1823	23.00	\$83.00
AMD A4-4300M APU	1613	1980	40.48	\$39.86
AMD A4-4355M APU	1177	2201	NA	NA
AMD A4-5000 APU	1918	1817	NA	NA
AMD A4-5050 APU	2201	1780	NA	NA



CPU Benchmarks

SAMSUNG
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na vouchery. Szczegóły na odkup.samsung.pl

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5100 APU	2060	1753	NA	NA
AMD A4-5150M APU	1864	1847	NA	NA
AMD A4-5300 APU	2018	1770	18.30	\$110.32*
AMD A4-5300B APU	2149	1713	56.56	\$38.00*
AMD A4-6210 APU	2171	1704	NA	NA
AMD A4-6250J APU	2556	1556	NA	NA
AMD A4-6300 APU	2225	1687	48.87	\$45.55*
AMD A4-6300B APU	2159	1711	21.59	\$100.00*
AMD A4-6320 APU	2329	1637	33.29	\$69.99*
AMD A4-7210 APU	2529	1564	NA	NA
AMD A4-7300 APU	2312	1646	20.65	\$112.00
AMD A4-9120	1949	1802	NA	NA
AMD A4-9120C	1539	2010	NA	NA
AMD A4-9125	2001	1777	NA	NA
AMD A6 Micro-6500T APU	1834	1863	NA	NA
AMD A6 PRO-7050B APU	1616	1978	NA	NA
AMD A6 PRO-7400B	2621	1530	NA	NA
AMD A6-1450 APU	1539	2011	NA	NA
AMD A6-3400M APU	1888	1836	63.01	\$29.97*
AMD A6-3410MX APU	2058	1756	515.98	\$3.99*
AMD A6-3420M APU	2004	1776	NA	NA
AMD A6-3430MX APU	2200	1697	NA	NA
AMD A6-3500 APU	2030	1765	50.78	\$39.99*
AMD A6-3600 APU	2707	1508	117.76	\$22.99*
AMD A6-3620 APU	2793	1478	46.57	\$59.99*
AMD A6-3650 APU	3143	1360	98.26	\$31.99*
AMD A6-3670 APU	3166	1348	5.19	\$610.00*
AMD A6-4400M APU	1643	1965	205.68	\$7.99*
AMD A6-4455M APU	1286	2139	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5200 APU	2436	1601	NA	NA
AMD A6-5345M APU	1476	2044	NA	NA
AMD A6-5350M APU	1906	1825	44.20	\$43.12
AMD A6-5357M APU	1953	1800	NA	NA
AMD A6-5400B APU	2250	1675	21.43	\$105.04*
AMD A6-5400K APU	2161	1709	34.85	\$62.02
AMD A6-6310 APU	2467	1591	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	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	AMD A6-6400B APU	2281	1659	NA	NA	
	AMD A6-6400K APU	2313	1644	28.30	\$81.75	
	AMD A6-6420B APU	2612	1533	NA	NA	
	AMD A6-6420K APU	2388	1620	15.92	\$149.99*	
	AMD A6-7000	1667	1949	NA	NA	
	AMD A6-7310 APU	2673	1516	NA	NA	
	AMD A6-7400K APU	2783	1482	41.25	\$67.49	
	AMD A6-7470K	2727	1501	20.52	\$132.91	
	AMD A6-7480	3137	1361	71.33	\$43.99*	
	AMD A6-8500P	2202	1696	NA	NA	
	AMD A6-8550	3032	1394	NA	NA	
	AMD A6-9200	1747	1899	NA	NA	
	AMD A6-9210	1764	1889	NA	NA	
	AMD A6-9220	2171	1705	NA	NA	
	AMD A6-9220C	2017	1771	NA	NA	
	AMD A6-9220e	1629	1973	NA	NA	
	AMD A6-9225	2136	1717	NA	NA	
	AMD A6-9230	2102	1734	NA	NA	
	AMD A6-9500	3054	1388	59.30	\$51.51	
	AMD A6-9500E	2889	1450	39.85	\$72.50*	
	AMD A8 PRO-7150B APU	2655	1520	NA	NA	
	AMD A8 PRO-7600B APU	4752	980	NA	NA	
	AMD A8-3500M APU	1980	1784	28.31	\$69.95	
	AMD A8-3510MX APU	2414	1607	NA	NA	
	AMD A8-3520M APU	2170	1706	NA	NA	
	AMD A8-3530MX APU	2354	1631	NA	NA	
	AMD A8-3550MX APU	2610	1534	NA	NA	
	AMD A8-3800 APU	3011	1398	52.84	\$56.99*	
	AMD A8-3820 APU	3106	1371	24.86	\$124.99*	
	AMD A8-3850 APU	3458	1266	32.72	\$105.68*	
	AMD A8-3870K APU	3537	1244	23.64	\$149.67*	
	AMD A8-4500M APU	2666	1518	NA	NA	
	AMD A8-4555M APU	2123	1727	NA	NA	
	AMD A8-5500 APU	3998	1130	70.77	\$56.50*	
	AMD A8-5500B APU	4023	1126	NA	NA	
	AMD A8-5545M APU	2582	1544	NA	NA	
	AMD A8-5550M APU	3003	1403	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 A8-5557M APU</u>	2956	1419	NA	NA		
<u>AMD A8-5600K APU</u>	4341	1066	<u>18.94</u>	<u>\$229.30</u>		
<u>AMD A8-6410 APU</u>	2575	1548	NA	NA		
<u>AMD A8-6500 APU</u>	4393	1056	<u>46.26</u>	<u>\$94.99*</u>		
<u>AMD A8-6500B APU</u>	4612	1008	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>	3276	1312	NA	NA		
<u>AMD A8-6600K APU</u>	4592	1015	<u>47.35</u>	<u>\$96.99*</u>		
<u>AMD A8-7050</u>	1824	1868	NA	NA		
<u>AMD A8-7100 APU</u>	2805	1476	NA	NA		
<u>AMD A8-7200P</u>	3338	1298	NA	NA		
<u>AMD A8-7410 APU</u>	2748	1495	NA	NA		
<u>AMD A8-7600 APU</u>	5063	919	<u>34.46</u>	<u>\$146.94*</u>		
<u>AMD A8-7650K</u>	4931	947	<u>42.89</u>	<u>\$114.99</u>		
<u>AMD A8-7670K</u>	5083	912	<u>31.56</u>	<u>\$161.10*</u>		
<u>AMD A8-7680</u>	5322	879	<u>88.73</u>	<u>\$59.99*</u>		
<u>AMD A8-8600P</u>	3248	1318	NA	NA		
<u>AMD A8-8650</u>	5465	854	NA	NA		
<u>AMD A8-9600</u>	4968	941	<u>70.51</u>	<u>\$70.46</u>		
<u>AMD A9-9400</u>	2306	1648	NA	NA		
<u>AMD A9-9410</u>	2544	1562	NA	NA		
<u>AMD A9-9420</u>	2340	1636	NA	NA		
<u>AMD A9-9420e</u>	1792	1881	NA	NA		
<u>AMD A9-9425</u>	2501	1579	NA	NA		
<u>AMD A9-9430</u>	2524	1567	NA	NA		
<u>AMD A10 Micro-6700T APU</u>	1970	1790	NA	NA		
<u>AMD A10 PRO-7350B APU</u>	3157	1353	NA	NA		
<u>AMD A10 PRO-7800B APU</u>	4979	937	NA	NA		
<u>AMD A10 PRO-7850B APU</u>	5380	868	NA	NA		
<u>AMD A10-4600M APU</u>	3115	1370	<u>38.96</u>	<u>\$79.95</u>		
<u>AMD A10-4655M APU</u>	2605	1536	NA	NA		
<u>AMD A10-4657M APU</u>	2906	1438	NA	NA		
<u>AMD A10-5700 APU</u>	4214	1093	<u>65.35</u>	<u>\$64.50*</u>		
<u>AMD A10-5745M APU</u>	2764	1489	NA	NA		
<u>AMD A10-5750M APU</u>	3341	1296	NA	NA		
<u>AMD A10-5757M APU</u>	3084	1377	NA	NA		
<u>AMD A10-5800B APU</u>	4614	1007	NA	NA		

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	AMD A10-5800K APU	4648	998	30.99	\$149.99*
	AMD A10-6700 APU	4605	1011	39.37	\$116.99*
	AMD A10-6700T APU	3693	1207	25.02	\$147.61*
	AMD A10-6790K APU	4714	986	49.64	\$94.99*
	AMD A10-6800B APU	4822	967	NA	NA
	AMD A10-6800K APU	4857	963	55.35	\$87.76*
	AMD A10-7300 APU	2905	1440	NA	NA
	AMD A10-7400P	3606	1225	NA	NA
	AMD A10-7700K APU	5120	907	40.81	\$125.47*
	AMD A10-7800 APU	4974	939	48.11	\$103.39*
	AMD A10-7850K APU	5469	852	32.69	\$167.33*
	AMD A10-7860K	5047	923	28.85	\$175.00*
	AMD A10-7870K	5476	850	24.12	\$226.99*
	AMD A10-7890K	5706	819	28.53	\$199.99*
	AMD A10-8700P	3442	1270	NA	NA
	AMD A10-8750	5064	918	NA	NA
	AMD A10-8850	5604	831	NA	NA
	AMD A10-9600P	3766	1185	NA	NA
	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	AMD A10-9620P	3679	1209	NA	NA
	AMD A10-9630P	4474	1039	NA	NA
	AMD A10-9700	5383	867	64.35	\$83.66
	AMD A10-9700E	4747	983	43.17	\$109.98
	AMD A12-9700P	3712	1202	NA	NA
	AMD A12-9720P	3993	1131	NA	NA
	AMD A12-9730P	4417	1053	NA	NA
	AMD A12-9800	5584	833	37.67	\$148.24*
	AMD A12-9800E	5087	911	38.72	\$131.38*
	AMD Athlon64 X2 Dual Core 4600+	1108	2243	NA	NA
	AMD Athlon 4	279	2838	4.00	\$69.99
	AMD Athlon 64 2000+	116	2972	NA	NA
	AMD Athlon 64 2200+	575	2530	NA	NA
	AMD Athlon 64 2600+	374	2712	NA	NA
	AMD Athlon 64 2800+	438	2641	4.38	\$99.99*
	AMD Athlon 64 3000+	464	2609	9.29	\$50.00
	AMD Athlon 64 3200+	492	2580	3.29	\$149.95*
	AMD Athlon 64 3300+	576	2529	NA	NA

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	<u>AMD Athlon 64 3400+</u>	545	2540	NA	NA
	<u>AMD Athlon 64 3500+</u>	541	2546	<u>4.97</u>	<u>\$108.95</u>
	<u>AMD Athlon 64 3600+</u>	601	2514	NA	NA
	<u>AMD Athlon 64 3700+</u>	598	2515	<u>8.67</u>	<u>\$69.00*</u>
	<u>AMD Athlon 64 3800+</u>	589	2519	<u>3.28</u>	<u>\$179.95*</u>
	<u>AMD Athlon 64 4000+</u>	608	2509	<u>3.32</u>	<u>\$183.27*</u>
	<u>AMD Athlon 64 FX-25</u>	794	2425	NA	NA
	<u>AMD Athlon 64 FX-34</u>	380	2705	NA	NA
	<u>AMD Athlon 64 FX-51</u>	437	2642	NA	NA
	<u>AMD Athlon 64 FX-53</u>	646	2490	<u>21.57</u>	<u>\$29.99*</u>
	<u>AMD Athlon 64 FX-55</u>	721	2455	<u>4.01</u>	<u>\$179.95*</u>
	<u>AMD Athlon 64 FX-57</u>	730	2451	NA	NA
	<u>AMD Athlon 64 FX-59</u>	715	2458	NA	NA
	<u>AMD Athlon 64 FX-60 Dual Core</u>	1282	2143	NA	NA
	<u>AMD Athlon 64 FX-62 Dual Core</u>	1573	1997	NA	NA
	<u>AMD Athlon 64 FX-72</u>	1794	1879	NA	NA
	<u>AMD Athlon 64 FX-74</u>	1495	2037	<u>2.99</u>	<u>\$499.50*</u>
	<u>AMD Athlon 64 X2 3800+</u>	958	2338	NA	NA
	<u>AMD Athlon 64 X2 4200+</u>	1285	2140	<u>4.16</u>	<u>\$308.95*</u>
	<u>AMD Athlon 64 X2 Dual Core 3400+</u>	994	2311	NA	NA
	<u>AMD Athlon 64 X2 Dual Core 3600+</u>	962	2332	<u>16.03</u>	<u>\$60.00</u>
	<u>AMD Athlon 64 X2 Dual Core 3800+</u>	999	2305	NA	NA
	<u>AMD Athlon 64 X2 Dual Core 4000+</u>	1045	2276	NA	NA
	<u>AMD Athlon 64 X2 Dual Core 4200+</u>	1098	2246	<u>5.49</u>	<u>\$199.95</u>
	<u>AMD Athlon 64 X2 Dual Core 4400+</u>	1144	2225	<u>19.08</u>	<u>\$60.00</u>
	<u>AMD Athlon 64 X2 Dual Core 4600+</u>	1219	2178	<u>3.39</u>	<u>\$359.95</u>
	<u>AMD Athlon 64 X2 Dual Core 4800+</u>	1253	2162	<u>2.73</u>	<u>\$459.95*</u>
	<u>AMD Athlon 64 X2 Dual Core 5000+</u>	1313	2120	<u>3.96</u>	<u>\$331.49*</u>
	<u>AMD Athlon 64 X2 Dual Core 5200+</u>	1381	2084	<u>23.02</u>	<u>\$60.00</u>
	<u>AMD Athlon 64 X2 Dual Core 5400+</u>	1450	2055	<u>27.37</u>	<u>\$52.99*</u>
	<u>AMD Athlon 64 X2 Dual Core 5600+</u>	1485	2041	<u>8.25</u>	<u>\$179.95</u>
	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	2023	<u>60.68</u>	<u>\$24.99*</u>
	<u>AMD Athlon 64 X2 Dual Core 6000+</u>	1603	1984	<u>34.89</u>	<u>\$45.95</u>
	<u>AMD Athlon 64 X2 Dual Core 6400+</u>	1784	1883	<u>6.87</u>	<u>\$259.95</u>
	<u>AMD Athlon 64 X2 Dual Core BE-230</u>	1095	2249	NA	NA
	<u>AMD Athlon 64 X2 Dual Core BE-2300</u>	1082	2260	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	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	AMD Athlon 64 X2 Dual Core BE-2350	1044	2277	NA	NA
	AMD Athlon 64 X2 Dual Core TK-53	839	2402	28.02	\$29.97*
	AMD Athlon 64 X2 Dual Core TK-55	839	2404	14.53	\$57.74*
	AMD Athlon 64 X2 Dual Core TK-57	971	2326	NA	NA
	AMD Athlon 64 X2 Dual-Core TK-42	877	2382	NA	NA
	AMD Athlon 64 X2 Dual-Core TK-53	820	2411	NA	NA
	AMD Athlon 64 X2 Dual-Core TK-55	874	2383	12.02	\$72.74*
	AMD Athlon 64 X2 Dual-Core TK-57	924	2361	NA	NA
	AMD Athlon 64 X2 QL-60	925	2359	NA	NA
	AMD Athlon 64 X2 QL-62	1003	2301	NA	NA
	AMD Athlon 64 X2 QL-64	990	2315	NA	NA
	AMD Athlon 64 X2 QL-65	1050	2275	NA	NA
	AMD Athlon 64 X2 QL-66	947	2347	NA	NA
	AMD Athlon 64 X2 QL-67	1006	2299	NA	NA
	AMD Athlon 64 X2 TK-55	955	2339	NA	NA
	AMD Athlon 64 X2 TK-57	988	2316	NA	NA
	AMD Athlon 200GE	4956	943	74.92	\$66.15
	AMD Athlon 220GE	5237	888	84.99	\$61.62
	AMD Athlon 240GE	5478	848	87.39	\$62.69
	AMD Athlon 300U	4688	992	NA	NA
	AMD Athlon 1500+	294	2810	NA	NA
	AMD Athlon 1640B	670	2481	13.42	\$50.00*
	AMD Athlon 2000+	390	2701	NA	NA
	AMD Athlon 2100+	412	2664	NA	NA
	AMD Athlon 2200+	363	2729	4.55	\$79.99*
	AMD Athlon 2400+	462	2613	NA	NA
	AMD Athlon 2500+	374	2710	2.04	\$183.99*
	AMD Athlon 2600+	444	2634	4.23	\$104.95*
	AMD Athlon 2650e	407	2670	21.47	\$19.00*
	AMD Athlon 2800+	447	2629	3.20	\$139.95*
	AMD Athlon 2850e	506	2572	NA	NA
	AMD Athlon 3100+	485	2591	NA	NA
	AMD Athlon 3200+	458	2617	7.63	\$60.00*
	AMD Athlon 5000 Dual-Core	1292	2133	10.78	\$119.95
	AMD Athlon 5150 APU	2105	1732	13.16	\$159.95
	AMD Athlon 5200 Dual-Core	1266	2156	42.23	\$29.99*
	AMD Athlon 5350 APU	2609	1535	22.33	\$116.87

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Passmark CPU Mark (higher is better)	RAM	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
			marks	PC Systems	Android	iOS / iPhone	
<u>AMD Athlon 5370 APU</u>			2915		1434	<u>45.77</u>	<u>\$63.70*</u>
<u>AMD Athlon 7450 Dual-Core</u>			1449		2056	NA	NA
<u>AMD Athlon 7550 Dual-Core</u>			1472		2045	<u>24.54</u>	<u>\$60.00*</u>
<u>AMD Athlon 7750 Dual-Core</u>			1570		1998	<u>10.26</u>	<u>\$152.99</u>
<u>AMD Athlon 7850 Dual-Core</u>			1710		1918	<u>8.16</u>	<u>\$209.65*</u>
<u>AMD Athlon 7850 Dual-Core 2.8G</u>			288		2821	NA	NA
<u>AMD Athlon Dual Core 4050e</u>			1086		2255	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>			1168		2210	<u>37.69</u>	<u>\$31.00*</u>
<u>AMD Athlon Dual Core 4450e</u>			1110		2240	NA	NA
<u>AMD Athlon Dual Core 4850B</u>			1391		2078	NA	NA
<u>AMD Athlon Dual Core 4850e</u>			1314		2119	<u>33.71</u>	<u>\$39.00*</u>
<u>AMD Athlon Dual Core 5000B</u>			1308		2123	<u>13.77</u>	<u>\$95.00*</u>
<u>AMD Athlon Dual Core 5050e</u>			1343		2105	<u>22.39</u>	<u>\$60.00*</u>
<u>AMD Athlon Dual Core 5200B</u>			1316		2118	NA	NA
<u>AMD Athlon Dual Core 5400B</u>			1420		2067	NA	NA
<u>AMD Athlon Dual Core 5600B</u>			1304		2126	NA	NA
<u>AMD Athlon II 160u</u>			563		2536	<u>18.78</u>	<u>\$29.99*</u>
<u>AMD Athlon II 170u</u>			626		2502	<u>20.91</u>	<u>\$29.95*</u>
<u>AMD Athlon II Dual-Core M300</u>			1112		2238	NA	NA
<u>AMD Athlon II Dual-Core M320</u>			1141		2227	<u>38.05</u>	<u>\$30.00*</u>
<u>AMD Athlon II Dual-Core M340</u>			1056		2272	NA	NA
<u>AMD Athlon II N330 Dual-Core</u>			1154		2219	NA	NA
<u>AMD Athlon II N350 Dual-Core</u>			1249		2168	NA	NA
<u>AMD Athlon II N370 Dual-Core</u>			1559		2003	NA	NA
<u>AMD Athlon II Neo K125</u>			473		2603	NA	NA
<u>AMD Athlon II Neo K145</u>			525		2555	NA	NA
<u>AMD Athlon II Neo K325 Dual-Core</u>			775		2430	<u>29.84</u>	<u>\$25.99*</u>
<u>AMD Athlon II Neo K345 Dual-Core</u>			856		2394	NA	NA
<u>AMD Athlon II Neo N36L Dual-Core</u>			795		2424	NA	NA
<u>AMD Athlon II P320 Dual-Core</u>			1216		2180	<u>40.61</u>	<u>\$29.95*</u>
<u>AMD Athlon II P340 Dual-Core</u>			1250		2166	<u>27.82</u>	<u>\$44.95*</u>
<u>AMD Athlon II P360 Dual-Core</u>			1319		2117	<u>55.00</u>	<u>\$24.00*</u>
<u>AMD Athlon II X2 210e</u>			1486		2039	NA	NA
<u>AMD Athlon II X2 215</u>			1566		2001	<u>130.68</u>	<u>\$11.99*</u>
<u>AMD Athlon II X2 220</u>			1634		1970	<u>50.77</u>	<u>\$32.19</u>
<u>AMD Athlon II X2 225</u>			1526		2016	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	Hard Drive Benchmarks	RAM	PC Systems	Android
					iOS / iPhone
	AMD Athlon II X2 235e	1661	1957	9.13	\$181.88*
	AMD Athlon II X2 240	1643	1964	47.02	\$34.95
	AMD Athlon II X2 240e	1700	1930	48.64	\$34.95*
	AMD Athlon II X2 245	1662	1956	47.56	\$34.95*
	AMD Athlon II X2 245e	1709	1922	21.37	\$80.00*
	AMD Athlon II X2 250	1740	1901	44.70	\$38.95
	AMD Athlon II X2 250e	1939	1805	25.28	\$76.73*
	AMD Athlon II X2 250u	1004	2300	28.74	\$34.95*
	AMD Athlon II X2 255	1841	1858	28.24	\$65.22*
	AMD Athlon II X2 260	1877	1839	93.92	\$19.99*
	AMD Athlon II X2 260u	1107	2244	13.28	\$83.44*
	AMD Athlon II X2 265	1892	1831	22.84	\$82.88*
	AMD Athlon II X2 270	1975	1787	82.35	\$23.99*
	AMD Athlon II X2 270u	1285	2142	18.99	\$67.67*
	AMD Athlon II X2 280	2129	1722	21.30	\$99.99*
	AMD Athlon II X2 4300e	1483	2042	NA	NA
	AMD Athlon II X2 4400e	1632	1972	NA	NA
	AMD Athlon II X2 4450e	1504	2030	NA	NA
	AMD Athlon II X2 B22	1715	1914	41.16	\$41.69*
	AMD Athlon II X2 B24	1780	1885	44.57	\$39.95
	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	AMD Athlon II X2 B26	1906	1824	42.42	\$44.95
	AMD Athlon II X2 B28	2085	1742	42.52	\$49.05*
	AMD Athlon II X3 400e	2009	1775	18.70	\$107.43*
	AMD Athlon II X3 405e	2000	1779	25.00	\$79.99*
	AMD Athlon II X3 415e	2247	1676	29.97	\$75.00*
	AMD Athlon II X3 420e	2285	1656	19.68	\$116.15*
	AMD Athlon II X3 425	2314	1643	85.74	\$26.99*
	AMD Athlon II X3 425e	2239	1682	NA	NA
	AMD Athlon II X3 435	2470	1589	82.38	\$29.99*
	AMD Athlon II X3 440	2567	1552	95.12	\$26.99*
	AMD Athlon II X3 445	2574	1549	28.29	\$91.00*
	AMD Athlon II X3 450	2621	1532	68.97	\$38.01
	AMD Athlon II X3 455	2765	1488	70.92	\$38.99*
	AMD Athlon II X3 460	2864	1456	73.46	\$38.99*
	AMD Athlon II X4 553	3814	1173	NA	NA
	AMD Athlon II X4 555	3830	1168	NA	NA

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	<u>AMD Athlon II X4 559</u>	4125	1111	NA	NA
	<u>AMD Athlon II X4 600e</u>	2465	1592	<u>18.93</u>	<u>\$130.23*</u>
	<u>AMD Athlon II X4 605e</u>	2716	1505	<u>26.69</u>	<u>\$101.80*</u>
	<u>AMD Athlon II X4 610e</u>	2793	1477	<u>39.92</u>	<u>\$69.99*</u>
	<u>AMD Athlon II X4 615e</u>	2899	1446	<u>49.15</u>	<u>\$59.00*</u>
	<u>AMD Athlon II X4 620</u>	2928	1430	<u>48.86</u>	<u>\$59.95</u>
	<u>AMD Athlon II X4 620e</u>	2906	1439	NA	NA
	<u>AMD Athlon II X4 630</u>	3131	1363	<u>49.74</u>	<u>\$62.95</u>
	<u>AMD Athlon II X4 631 Quad-Core</u>	3149	1358	<u>39.37</u>	<u>\$80.00*</u>
	<u>AMD Athlon II X4 635</u>	3231	1324	<u>46.19</u>	<u>\$69.95*</u>
	<u>AMD Athlon II X4 638 Quad-Core</u>	3198	1336	<u>120.73</u>	<u>\$26.49*</u>
	<u>AMD Athlon II X4 640</u>	3315	1302	<u>41.46</u>	<u>\$79.95</u>
	<u>AMD Athlon II X4 641 Quad-Core</u>	3343	1294	<u>36.54</u>	<u>\$91.50*</u>
	<u>AMD Athlon II X4 645</u>	3466	1264	<u>43.35</u>	<u>\$79.95</u>
	<u>AMD Athlon II X4 650</u>	3482	1260	<u>20.90</u>	<u>\$166.60*</u>
	<u>AMD Athlon II X4 651 Quad-Core</u>	3575	1235	<u>20.08</u>	<u>\$178.04*</u>
	<u>AMD Athlon II X4 655</u>	2998	1405	NA	NA
	<u>AMD Athlon II X4 6400e</u>	2594	1539	NA	NA
	<u>AMD Athlon L110</u>	303	2791	NA	NA
	<u>AMD Athlon LE-1600</u>	557	2538	<u>26.57</u>	<u>\$21.00*</u>
	<u>AMD Athlon LE-1620</u>	578	2527	<u>32.12</u>	<u>\$18.00*</u>
	<u>AMD Athlon LE-1640</u>	626	2501	NA	NA
	<u>AMD Athlon LE-1660</u>	679	2478	NA	NA
	<u>AMD Athlon MP</u>	230	2892	<u>18.46</u>	<u>\$12.49</u>
	<u>AMD Athlon MP 1700+</u>	339	2752	NA	NA
	<u>AMD Athlon MP 2400+</u>	436	2643	NA	NA
	<u>AMD Athlon MP 2800+</u>	497	2578	NA	NA
	<u>AMD Athlon Neo MV-40</u>	410	2666	NA	NA
	<u>AMD Athlon Neo X2 Dual Core 6850e</u>	1002	2304	NA	NA
	<u>AMD Athlon Neo X2 Dual Core L325</u>	776	2429	NA	NA
	<u>AMD Athlon Neo X2 Dual Core L335</u>	828	2406	NA	NA
	<u>AMD Athlon PRO 200GE</u>	5163	900	NA	NA
	<u>AMD Athlon PRO 300GE</u>	5560	839	NA	NA
	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	<u>AMD Athlon QI-46</u>	473	2602	NA	NA
	<u>AMD Athlon TF-20</u>	413	2662	NA	NA
	<u>AMD Athlon TF-36</u>	395	2689	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	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	AMD Athlon X2 215	1543	2009	NA	NA
	AMD Athlon X2 235e	1806	1874	NA	NA
	AMD Athlon X2 240	1602	1985	NA	NA
	AMD Athlon X2 240e	1670	1947	NA	NA
	AMD Athlon X2 250	1696	1933	NA	NA
	AMD Athlon X2 255	1627	1974	NA	NA
	AMD Athlon X2 280	2303	1651	68.77	\$33.49*
	AMD Athlon X2 340 Dual Core	1932	1811	38.66	\$49.99*
	AMD Athlon X2 370K Dual Core	2251	1674	NA	NA
	AMD Athlon X2 440	1424	2065	NA	NA
	AMD Athlon X2 Dual Core 3250e	778	2428	NA	NA
	AMD Athlon X2 Dual Core 6850e	998	2308	NA	NA
	AMD Athlon X2 Dual Core BE-2300	920	2365	NA	NA
	AMD Athlon X2 Dual Core BE-2350	1109	2241	NA	NA
	AMD Athlon X2 Dual Core BE-2400	1213	2181	NA	NA
	AMD Athlon X2 Dual Core BE-2450	1251	2164	NA	NA
	AMD Athlon X2 Dual Core L310	645	2491	NA	NA
	AMD Athlon X2 Dual Core LS-5800	1009	2297	NA	NA
	AMD Athlon X3 425	2191	1700	NA	NA
	AMD Athlon X3 435	2574	1550	26.96	\$95.49*
	AMD Athlon X3 440	2078	1744	23.62	\$87.99*
	AMD Athlon X3 445	2314	1642	NA	NA
	AMD Athlon X3 455	2401	1613	NA	NA
	AMD Athlon X4 605e	2505	1577	NA	NA
	AMD Athlon X4 620	2861	1457	47.74	\$59.95
	AMD Athlon X4 635	2891	1449	23.71	\$121.99*
	AMD Athlon X4 640	3172	1344	NA	NA
	AMD Athlon X4 740 Quad Core	4031	1125	14.55	\$277.00*
	AMD Athlon X4 750 Quad Core	4551	1021	NA	NA
	AMD Athlon X4 750K Quad Core	4273	1080	55.50	\$76.99*
	AMD Athlon X4 760K Quad Core	4597	1013	109.51	\$41.98*
	AMD Athlon X4 830	4701	989	NA	NA
	AMD Athlon X4 840	5070	915	64.39	\$78.74*
	AMD Athlon X4 845	5408	860	101.80	\$53.13*
	AMD Athlon X4 860K	5410	859	40.09	\$134.95*
	AMD Athlon X4 870K	5320	881	66.52	\$79.99*
	AMD Athlon X4 880K	5580	835	55.81	\$99.99*

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	AMD Athlon X4 950	5225	889	64.52	\$80.98
	AMD Athlon XP1600+	281	2834	NA	NA
	AMD Athlon XP1900+	353	2739	NA	NA
	AMD Athlon XP2100+	287	2823	NA	NA
	AMD Athlon XP2200+	401	2681	NA	NA
	AMD Athlon XP2400+	374	2711	NA	NA
	AMD Athlon XP 1500	282	2833	NA	NA
	AMD Athlon XP 1500+	257	2863	NA	NA
	AMD Athlon XP 1600+	267	2853	NA	NA
	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	AMD Athlon XP 1700	344	2749	NA	NA
	AMD Athlon XP 1700+	271	2849	4.43	\$61.25*
	AMD Athlon XP 1800+	300	2798	5.10	\$58.95*
	AMD Athlon XP 1900+	312	2782	NA	NA
	AMD Athlon XP 2000+	299	2799	12.00	\$24.99*
	AMD Athlon XP 2100+	323	2766	NA	NA
	AMD Athlon XP 2200+	328	2765	3.87	\$84.95*
	AMD Athlon XP 2300+	464	2610	NA	NA
	AMD Athlon XP 2400+	360	2732	4.01	\$89.99*
	AMD Athlon XP 2500+	355	2736	NA	NA
	AMD Athlon XP 2600+	372	2716	16.18	\$23.03*
	AMD Athlon XP 2700+	393	2692	4.64	\$84.79*
	AMD Athlon XP 2800+	400	2683	NA	NA
	AMD Athlon XP 2900+	424	2656	NA	NA
	AMD Athlon XP 3000+	402	2679	5.06	\$79.70*
	AMD Athlon XP 3100+	433	2647	NA	NA
	AMD Athlon XP 3200+	432	2648	NA	NA
	AMD Athlon XP 3400+	570	2533	NA	NA
	AMD Athlon XP Pro3+	367	2723	NA	NA
	AMD Athlon XP-M	541	2547	15.48	\$34.95*
	AMD C-30	310	2784	NA	NA
	AMD C-50	462	2612	NA	NA
	AMD C-60	466	2606	NA	NA
	AMD C-60 APU	545	2541	NA	NA
	AMD C-70 APU	558	2537	NA	NA
	AMD E1 Micro-6200T APU	960	2336	NA	NA
	AMD E1-1200 APU	655	2488	NA	NA

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	AMD E1-1500 APU	688	2473	NA	NA
	AMD E1-2100 APU	642	2496	NA	NA
	AMD E1-2200 APU	767	2432	NA	NA
	AMD E1-2500 APU	894	2379	NA	NA
	AMD E1-6010 APU	868	2386	NA	NA
	AMD E1-6015 APU	900	2375	NA	NA
	AMD E1-7010 APU	1018	2293	NA	NA
	AMD E2-1800 APU	815	2412	NA	NA
	AMD E2-2000 APU	825	2408	NA	NA
	AMD E2-3000 APU	1140	2228	NA	NA
	AMD E2-3000M APU	1093	2250	54.65	\$20.00*
	AMD E2-3200 APU	1380	2085	172.79	\$7.99*
	AMD E2-3800 APU	1645	1963	NA	NA
	AMD E2-6110 APU	1917	1820	NA	NA
	AMD E2-7110 APU	2291	1652	NA	NA
	AMD E2-9000	1650	1962	NA	NA
	AMD E2-9000e	1324	2115	NA	NA
	AMD E2-9010	1705	1925	NA	NA
	AMD E2-9030	1515	2025	NA	NA
	AMD E-240	319	2772	NA	NA
	AMD E-300 APU	609	2508	NA	NA
	AMD E-350	745	2446	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)	
	AMD E-350 APU	759	2438	NA	NA
	AMD E-350D APU	726	2453	NA	NA
	AMD E-450 APU	765	2433	NA	NA
	AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1891	NA	NA
	AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1739	NA	NA
	AMD Embedded G-Series GX-420GI Radeon R7E	2508	1575	NA	NA
	AMD Embedded R-Series RX-216GD	2409	1610	NA	NA
	AMD Embedded R-Series RX-418GD Radeon R6	5068	916	NA	NA
	AMD Embedded R-Series RX-421BD	4635	1002	NA	NA
	AMD EPYC 3201	9634	412	NA	NA
	AMD EPYC 3251	11690	284	37.11	\$315.00*
	AMD EPYC 7251	11811	280	24.37	\$484.78

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
	AMD EPYC 7301	14978	178	17.34	\$863.99
	AMD EPYC 7351	18081	110	14.16	\$1,276.83
	AMD EPYC 7351P	14887	180	15.71	\$947.33
	AMD EPYC 7371	22071	51	14.24	\$1,550.00*
	AMD EPYC 7401P	20221	75	21.29	\$949.81
	AMD EPYC 7501	18942	98	9.19	\$2,060.86
	AMD EPYC 7502P	23465	41	10.20	\$2,300.00*
	AMD EPYC 7551	18483	103	13.02	\$1,419.90
	AMD EPYC 7551P	18443	105	7.17	\$2,572.01
	AMD EPYC 7571	20858	68	NA	NA
	AMD EPYC 7702P	46067	2	10.41	\$4,425.00*
	AMD EPYC 7742	47365	1	6.82	\$6,950.00*
	AMD FirePro A320 APU	4540	1026	NA	NA
	AMD FX-670K Quad-Core	4550	1023	NA	NA
	AMD FX-770K Quad-Core	4814	970	NA	NA
	AMD FX-870K Quad Core	5021	929	NA	NA
	AMD FX-4100 Quad-Core	4076	1118	26.57	\$153.45*
	AMD FX-4130 Quad-Core	4162	1103	54.78	\$75.99*
	AMD FX-4150 Quad-Core	4594	1014	NA	NA
	AMD FX-4170 Quad-Core	4870	957	48.71	\$99.99*
	AMD FX-4200 Quad-Core	4270	1082	18.71	\$228.21*
	AMD FX-4300 Quad-Core	4694	991	33.78	\$139.00
	AMD FX-4320	4997	934	NA	NA
	AMD FX-4330	5328	877	NA	NA
	AMD FX-4350 Quad-Core	5340	873	12.42	\$430.00
	AMD FX-6100 Six-Core	5405	862	20.95	\$258.00*
	AMD FX-6120 Six-Core	5752	815	NA	NA
	AMD FX-6130 Six-Core	6215	758	NA	NA
	AMD FX-6200 Six-Core	6107	771	17.97	\$339.95
	AMD FX-6300 Six-Core	6408	742	71.61	\$89.49
	AMD FX-6330 Six-Core	6954	686	NA	NA
	AMD FX-6350 Six-Core	7023	678	48.44	\$144.99
	AMD FX-7500 APU	3201	1333	NA	NA
	AMD FX-7600P	4050	1121	NA	NA
	AMD FX-7600P APU	4627	1004	NA	NA
	AMD FX-8100 Eight-Core	5964	785	42.00	\$142.00*
	AMD FX-8120 Eight-Core	6639	721	29.81	\$222.73*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD FX-8140 Eight-Core</u>	6133	767	NA	NA
<u>AMD FX-8150 Eight-Core</u>	7656	620	<u>64.37</u>	<u>\$118.95</u>
<u>AMD FX-8300 Eight-Core</u>	7767	609	<u>64.74</u>	<u>\$119.99*</u>
<u>AMD FX-8310 Eight-Core</u>	7735	611	NA	NA
<u>AMD FX-8320 Eight-Core</u>	8037	573	<u>58.24</u>	<u>\$138.01</u>
<u>AMD FX-8320E Eight-Core</u>	7577	628	<u>55.31</u>	<u>\$136.99</u>
<u>AMD FX-8350 Eight-Core</u>	8957	486	<u>45.24</u>	<u>\$198.00</u>
<u>AMD FX-8370 Eight-Core</u>	9046	474	<u>26.17</u>	<u>\$345.74</u>
<u>AMD FX-8370E Eight-Core</u>	7864	594	<u>24.57</u>	<u>\$320.09</u>
<u>AMD FX-8800P</u>	4195	1095	NA	NA
<u>AMD FX-9370 Eight-Core</u>	9460	427	<u>17.05</u>	<u>\$555.00</u>
<u>AMD FX-9590 Eight-Core</u>	10193	357	<u>27.91</u>	<u>\$365.25</u>
<u>AMD FX-9800P</u>	3956	1142	NA	NA
<u>AMD FX-9830P</u>	4783	975	NA	NA
<u>AMD FX-B4150 Quad-Core</u>	4611	1009	NA	NA
<u>AMD G-T40E</u>	467	2605	NA	NA
<u>AMD G-T40N</u>	516	2564	NA	NA
<u>AMD G-T40R</u>	203	2919	NA	NA
<u>AMD G-T44R</u>	229	2893	NA	NA
<u>AMD G-T48E</u>	667	2483	NA	NA
<u>AMD G-T52R</u>	308	2786	NA	NA
<u>AMD G-T56E</u>	751	2441	NA	NA
<u>AMD G-T56N</u>	796	2423	NA	NA
<u>AMD Geode NX</u>	264	2856	NA	NA
<u>AMD Geode NX 1750</u>	291	2812	NA	NA
<u>AMD GX-210JA SOC</u>	401	2682	NA	NA
<u>AMD GX-212JC SOC</u>	744	2447	NA	NA
<u>AMD GX-217GA SOC</u>	1107	2245	NA	NA
<u>AMD GX-218GL SOC</u>	1207	2185	NA	NA
<u>AMD GX-222GC SOC</u>	1255	2160	NA	NA
<u>AMD GX-412HC</u>	1497	2036	NA	NA
<u>AMD GX-415GA SOC</u>	1956	1795	NA	NA
<u>AMD GX-420CA SOC</u>	2412	1609	NA	NA
<u>AMD GX-424CC SOC</u>	2491	1583	NA	NA
<u>AMD K7</u>	403	2676	NA	NA
<u>AMD Opteron 140</u>	396	2687	<u>0.62</u>	<u>\$640.00</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)		
AMD Opteron 142	428	2652	NA	NA		
AMD Opteron 144	486	2587	7.48	\$65.00*		
AMD Opteron 146	532	2550	8.87	\$59.99*		
AMD Opteron 148	603	2513	NA	NA		
AMD Opteron 150	604	2511	NA	NA		
AMD Opteron 152	658	2485	NA	NA		
AMD Opteron 154	703	2466	NA	NA		
AMD Opteron 165	899	2377	1.63	\$550.00		
AMD Opteron 170	1097	2247	NA	NA		
AMD Opteron 175	1167	2212	NA	NA		
AMD Opteron 180	1236	2171	9.51	\$129.95*		
AMD Opteron 185	1342	2106	NA	NA		
AMD Opteron 246	632	2499	31.62	\$19.99*		
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)		
AMD Opteron 248	476	2599	4.77	\$99.95		
AMD Opteron 250	649	2489	59.01	\$11.00*		
AMD Opteron 252	760	2437	12.00	\$63.36*		
AMD Opteron 254	693	2470	NA	NA		
AMD Opteron 256	963	2330	50.72	\$19.00*		
AMD Opteron 265	963	2331	13.20	\$73.00		
AMD Opteron 270	1170	2208	1.93	\$607.47*		
AMD Opteron 275	1291	2135	15.74	\$82.05*		
AMD Opteron 280	1176	2202	18.10	\$65.00		
AMD Opteron 285	1470	2047	18.39	\$79.95		
AMD Opteron 290	1464	2049	10.85	\$135.00*		
AMD Opteron 1210	923	2362	14.21	\$65.00		
AMD Opteron 1210 HE	971	2325	NA	NA		
AMD Opteron 1212	1009	2298	3.48	\$290.00*		
AMD Opteron 1212 HE	1308	2124	NA	NA		
AMD Opteron 1214	1191	2195	4.11	\$290.00*		
AMD Opteron 1214 HE	1299	2128	NA	NA		
AMD Opteron 1216	1311	2122	23.91	\$54.85*		
AMD Opteron 1216 HE	1172	2207	NA	NA		
AMD Opteron 1218	1468	2048	NA	NA		
AMD Opteron 1218 HE	1444	2057	NA	NA		
AMD Opteron 1220	1653	1960	NA	NA		
AMD Opteron 1222	1757	1894	NA	NA		

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	AMD Opteron 1352	2316	1641	17.04	\$135.99*
	AMD Opteron 1354	2630	1529	19.49	\$135.00*
	AMD Opteron 1356	2765	1487	30.73	\$89.99*
	AMD Opteron 1381	3065	1385	NA	NA
	AMD Opteron 2212	1270	2154	63.53	\$20.00*
	AMD Opteron 2214	1358	2100	46.85	\$29.00*
	AMD Opteron 2214 HE	1415	2069	NA	NA
	AMD Opteron 2216	1518	2022	58.84	\$25.80
	AMD Opteron 2218	1594	1992	19.94	\$79.95
	AMD Opteron 2220	1701	1928	21.29	\$79.95
	AMD Opteron 2220 SE	1398	2074	55.92	\$25.00*
	AMD Opteron 2222	1843	1857	1.11	\$1,664.98*
	AMD Opteron 2224 SE	1919	1816	NA	NA
	AMD Opteron 2350	2820	1468	35.28	\$79.95*
	AMD Opteron 2354	2450	1597	7.38	\$332.03*
	AMD Opteron 2356	2814	1470	54.12	\$52.00*
	AMD Opteron 2373 EE	2789	1481	NA	NA
	AMD Opteron 2374 HE	2951	1420	45.40	\$65.00
	AMD Opteron 2376	2283	1657	13.69	\$166.81*
	AMD Opteron 2378	3179	1342	17.76	\$179.00*
	AMD Opteron 2380	2640	1526	58.69	\$45.00
	AMD Opteron 2384	3538	1242	4.21	\$840.00*
	AMD Opteron 2386 SE	3538	1243	NA	NA
	AMD Opteron 2393 SE	2246	1677	NA	NA
	AMD Opteron 2427	3069	1383	38.39	\$79.95
	AMD Opteron 2431	4516	1029	112.91	\$40.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)	
	AMD Opteron 2435	4708	987	72.44	\$65.00
	AMD Opteron 3250 HE	2942	1424	29.73	\$99.00*
	AMD Opteron 3260 HE	3259	1315	NA	NA
	AMD Opteron 3280	5403	863	19.78	\$273.18*
	AMD Opteron 3320 EE	2675	1515	NA	NA
	AMD Opteron 3350 HE	4186	1098	NA	NA
	AMD Opteron 3365	6088	779	NA	NA
	AMD Opteron 3380	6384	744	7.89	\$809.00*
	AMD Opteron 4122	2942	1425	23.55	\$124.99*
	AMD Opteron 4162 EE	3166	1347	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	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	AMD Opteron 4170 HE	3664	1215	62.11	\$59.00*
	AMD Opteron 4184	4418	1052	8.50	\$519.95*
	AMD Opteron 4280	6430	739	128.60	\$50.00*
	AMD Opteron 4284	6660	718	111.03	\$59.99*
	AMD Opteron 4332 HE	5614	829	NA	NA
	AMD Opteron 4334	6099	775	28.18	\$216.42*
	AMD Opteron 4365 EE	5025	927	NA	NA
	AMD Opteron 4386	6761	704	48.30	\$139.99*
	AMD Opteron 6128	4505	1032	237.24	\$18.99
	AMD Opteron 6134	2938	1426	66.81	\$43.99*
	AMD Opteron 6136	4631	1003	42.10	\$110.00*
	AMD Opteron 6164 HE	5351	872	NA	NA
	AMD Opteron 6172	5261	884	26.57	\$198.00*
	AMD Opteron 6174	6171	762	94.94	\$65.00
	AMD Opteron 6176 SE	5465	855	34.37	\$159.00*
	AMD Opteron 6212	5776	808	192.62	\$29.99*
	AMD Opteron 6220	6785	701	113.11	\$59.99*
	AMD Opteron 6234	5938	789	198.27	\$29.95*
	AMD Opteron 6238	7673	618	21.32	\$359.89*
	AMD Opteron 6272	6748	707	96.42	\$69.99
	AMD Opteron 6274	4865	960	108.15	\$44.99
	AMD Opteron 6276	8889	496	52.60	\$169.00
	AMD Opteron 6282 SE	9116	463	14.24	\$640.00
	AMD Opteron 6287 SE	9789	397	NA	NA
	AMD Opteron 6328	7813	601	21.76	\$359.00
	AMD Opteron 6344	9372	436	24.09	\$389.00*
	AMD Opteron 6366 HE	7503	632	250.19	\$29.99*
	AMD Opteron 6376	9212	454	141.72	\$65.00
	AMD Opteron 6378	9094	465	47.87	\$190.00
	AMD Opteron 6380	10081	366	170.88	\$59.00
	AMD Opteron 6386 SE	10912	313	75.26	\$144.99
	AMD Opteron 8354	2255	1673	93.98	\$24.00
	AMD Opteron 8439 SE	3813	1174	63.56	\$60.00*
	AMD Opteron X2170 APU	3059	1386	NA	NA
	AMD Opteron X3216 APU	2353	1633	NA	NA
	AMD Opteron X3418 APU	4659	996	NA	NA
	AMD Opteron X3421 APU	4886	955	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Phenom 2 X4 12000</u>	3005	1402	NA	NA
<u>AMD Phenom 7950 Quad-Core</u>	2991	1407	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Phenom 8250 Triple-Core</u>	1668	1948	NA	NA
<u>AMD Phenom 8250e Triple-Core</u>	1635	1968	<u>34.81</u>	<u>\$46.99*</u>
<u>AMD Phenom 8400 Triple-Core</u>	1632	1971	NA	NA
<u>AMD Phenom 8450 Triple-Core</u>	1888	1835	<u>63.07</u>	<u>\$29.95*</u>
<u>AMD Phenom 8450e Triple-Core</u>	2026	1767	NA	NA
<u>AMD Phenom 8600 Triple-Core</u>	1673	1943	<u>31.57</u>	<u>\$52.99*</u>
<u>AMD Phenom 8600B Triple-Core</u>	1924	1815	<u>36.33</u>	<u>\$52.99*</u>
<u>AMD Phenom 8650 Triple-Core</u>	1986	1782	<u>39.73</u>	<u>\$49.99*</u>
<u>AMD Phenom 8750 Triple-Core</u>	2058	1757	NA	NA
<u>AMD Phenom 8750B Triple-Core</u>	2034	1762	NA	NA
<u>AMD Phenom 8850 Triple-Core</u>	1968	1792	NA	NA
<u>AMD Phenom 8850B Triple-Core</u>	2080	1743	NA	NA
<u>AMD Phenom 9100e Quad-Core</u>	1833	1864	<u>45.89</u>	<u>\$39.95*</u>
<u>AMD Phenom 9150e Quad-Core</u>	2114	1729	<u>52.92</u>	<u>\$39.95*</u>
<u>AMD Phenom 9350e Quad-Core</u>	2320	1639	<u>0.69</u>	<u>\$3,382.07*</u>
<u>AMD Phenom 9450e Quad-Core</u>	2599	1537	<u>24.76</u>	<u>\$105.00*</u>
<u>AMD Phenom 9500 Quad-Core</u>	2203	1695	<u>76.01</u>	<u>\$28.99*</u>
<u>AMD Phenom 9550 Quad-Core</u>	2544	1561	<u>87.77</u>	<u>\$28.99*</u>
<u>AMD Phenom 9600 Quad-Core</u>	2303	1650	<u>46.11</u>	<u>\$49.95*</u>
<u>AMD Phenom 9600B Quad-Core</u>	2575	1547	<u>17.50</u>	<u>\$147.19*</u>
<u>AMD Phenom 9650 Quad-Core</u>	2635	1527	<u>58.63</u>	<u>\$44.95</u>
<u>AMD Phenom 9750 Quad-Core</u>	2810	1473	<u>95.32</u>	<u>\$29.49*</u>
<u>AMD Phenom 9750B Quad-Core</u>	2709	1507	NA	NA
<u>AMD Phenom 9850 Quad-Core</u>	2887	1451	<u>24.07</u>	<u>\$119.99*</u>
<u>AMD Phenom 9850B Quad-Core</u>	3160	1352	NA	NA
<u>AMD Phenom 9950 Quad-Core</u>	3008	1399	<u>22.29</u>	<u>\$134.99*</u>
<u>AMD Phenom FX-5000 Quad-Core</u>	2517	1570	NA	NA
<u>AMD Phenom FX-5200 Quad-Core</u>	2948	1422	NA	NA
<u>AMD Phenom FX-7750 Quad-Core</u>	3616	1220	NA	NA
<u>AMD Phenom II 42 TWKR Black Edition</u>	3489	1258	NA	NA
<u>AMD Phenom II N620 Dual-Core</u>	1686	1937	<u>422.70</u>	<u>\$3.99*</u>
<u>AMD Phenom II N640 Dual-Core</u>	1721	1910	<u>26.51</u>	<u>\$64.95*</u>
<u>AMD Phenom II N660 Dual-Core</u>	1844	1855	<u>18.64</u>	<u>\$99.00*</u>
<u>AMD Phenom II N830 3+1</u>	2652	1522	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 N830 Triple-Core</u>	1890	1834	NA	NA		
<u>AMD Phenom II N850 Triple-Core</u>	1939	1806	<u>77.57</u>	<u>\$25.00*</u>		
<u>AMD Phenom II N870 Triple-Core</u>	2000	1778	NA	NA		
<u>AMD Phenom II N930 Quad-Core</u>	2274	1662	<u>17.50</u>	<u>\$129.95*</u>		
<u>AMD Phenom II N950 Quad-Core</u>	2483	1587	<u>22.06</u>	<u>\$112.60*</u>		
<u>AMD Phenom II N970 Quad-Core</u>	2515	1572	<u>16.77</u>	<u>\$149.99*</u>		
<u>AMD Phenom II P650 Dual-Core</u>	1579	1995	<u>45.12</u>	<u>\$35.00*</u>		
<u>AMD Phenom II P820 Triple-Core</u>	1602	1986	NA	NA		
<u>AMD Phenom II P840 Triple-Core</u>	1709	1920	NA	NA		
<u>AMD Phenom II P860 Triple-Core</u>	1756	1895	NA	NA		
<u>AMD Phenom II P920 Quad-Core</u>	1866	1845	<u>24.89</u>	<u>\$75.00*</u>		
<u>AMD Phenom II P940 Quad-Core</u>	1831	1865	NA	NA		
<u>AMD Phenom II P960 Quad-Core</u>	2086	1740	<u>74.51</u>	<u>\$28.00*</u>		
<u>AMD Phenom II X2 511</u>	2104	1733	NA	NA		
<u>AMD Phenom II X2 521</u>	2071	1747	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 X2 545</u>	1918	1818	<u>43.62</u>	<u>\$43.98*</u>		
<u>AMD Phenom II X2 550</u>	2023	1768	<u>40.47</u>	<u>\$49.99*</u>		
<u>AMD Phenom II X2 555</u>	2042	1759	<u>72.98</u>	<u>\$27.98*</u>		
<u>AMD Phenom II X2 560</u>	2062	1752	<u>31.73</u>	<u>\$64.99*</u>		
<u>AMD Phenom II X2 565</u>	2225	1688	<u>10.60</u>	<u>\$209.95*</u>		
<u>AMD Phenom II X2 570</u>	2068	1750	NA	NA		
<u>AMD Phenom II X2 B53</u>	1709	1921	NA	NA		
<u>AMD Phenom II X2 B55</u>	1926	1814	<u>40.13</u>	<u>\$48.00*</u>		
<u>AMD Phenom II X2 B57</u>	1823	1869	NA	NA		
<u>AMD Phenom II X2 B59</u>	2124	1725	<u>48.25</u>	<u>\$44.04*</u>		
<u>AMD Phenom II X3 700e</u>	2242	1680	NA	NA		
<u>AMD Phenom II X3 705e</u>	2227	1685	<u>14.63</u>	<u>\$152.34*</u>		
<u>AMD Phenom II X3 710</u>	2448	1598	<u>28.97</u>	<u>\$84.53*</u>		
<u>AMD Phenom II X3 715</u>	2649	1524	<u>31.17</u>	<u>\$84.99*</u>		
<u>AMD Phenom II X3 720</u>	2666	1517	<u>38.10</u>	<u>\$69.99*</u>		
<u>AMD Phenom II X3 740</u>	2985	1408	<u>33.55</u>	<u>\$88.99*</u>		
<u>AMD Phenom II X3 B73</u>	2735	1500	<u>36.47</u>	<u>\$75.00*</u>		
<u>AMD Phenom II X3 B75</u>	2897	1447	<u>72.45</u>	<u>\$39.99*</u>		
<u>AMD Phenom II X3 B77</u>	3067	1384	<u>137.64</u>	<u>\$22.29*</u>		
<u>AMD Phenom II X4 805</u>	2998	1404	<u>17.23</u>	<u>\$173.99*</u>		
<u>AMD Phenom II X4 810</u>	3120	1367	<u>26.90</u>	<u>\$115.99*</u>		

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	AMD Phenom II X4 820	3393	1280	45.28	\$74.95*
	AMD Phenom II X4 830	3434	1271	42.95	\$79.95*
	AMD Phenom II X4 840	3509	1254	39.01	\$89.95*
	AMD Phenom II X4 840T	3597	1226	51.39	\$69.99*
	AMD Phenom II X4 850	3550	1237	54.64	\$64.99*
	AMD Phenom II X4 900e	2882	1454	NA	NA
	AMD Phenom II X4 905e	3080	1379	57.06	\$53.99*
	AMD Phenom II X4 910	3247	1319	32.48	\$100.00*
	AMD Phenom II X4 910e	3254	1317	20.73	\$156.99*
	AMD Phenom II X4 920	3389	1281	42.38	\$79.99*
	AMD Phenom II X4 925	3411	1273	77.56	\$43.99*
	AMD Phenom II X4 940	3591	1229	60.52	\$59.34*
	AMD Phenom II X4 945	3653	1217	56.24	\$64.95
	AMD Phenom II X4 955	3916	1155	30.09	\$130.16*
	AMD Phenom II X4 960T	3774	1181	8.05	\$469.00
	AMD Phenom II X4 965	4177	1101	49.69	\$84.07
	AMD Phenom II X4 970	4316	1074	29.14	\$148.11*
	AMD Phenom II X4 973	3759	1188	NA	NA
	AMD Phenom II X4 975	4450	1046	31.86	\$139.69*
	AMD Phenom II X4 977	3750	1192	NA	NA
	AMD Phenom II X4 980	4488	1037	19.52	\$229.99*
	AMD Phenom II X4 8700e	2377	1623	NA	NA
	AMD Phenom II X4 B05e	2792	1479	NA	NA
	AMD Phenom II X4 B15e	2736	1498	NA	NA
	AMD Phenom II X4 B25	3297	1307	NA	NA
	AMD Phenom II X4 B35	3387	1282	NA	NA
	AMD Phenom II X4 B40	3352	1291	NA	NA
	AMD Phenom II X4 B45	3470	1263	NA	NA
	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	AMD Phenom II X4 B50	3696	1205	NA	NA
	AMD Phenom II X4 B55	3853	1162	NA	NA
	AMD Phenom II X4 B60	4032	1124	NA	NA
	AMD Phenom II X4 B65	4172	1102	NA	NA
	AMD Phenom II X4 B70	4261	1084	NA	NA
	AMD Phenom II X4 B93	3345	1292	NA	NA
	AMD Phenom II X4 B95	3677	1210	50.40	\$72.95*
	AMD Phenom II X4 B97	3868	1158	67.87	\$56.99*

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 Phenom II X4 B99</u>	4126	1110	NA	NA
	<u>AMD Phenom II X6 1035T</u>	4665	995	<u>24.68</u>	<u>\$189.00*</u>
	<u>AMD Phenom II X6 1045T</u>	4800	974	<u>44.44</u>	<u>\$108.01*</u>
	<u>AMD Phenom II X6 1055T</u>	4966	942	<u>45.54</u>	<u>\$109.05*</u>
	<u>AMD Phenom II X6 1065T</u>	5028	926	NA	NA
	<u>AMD Phenom II X6 1075T</u>	5325	878	<u>47.13</u>	<u>\$112.99*</u>
	<u>AMD Phenom II X6 1090T</u>	5560	840	<u>36.10</u>	<u>\$154.04*</u>
	<u>AMD Phenom II X6 1100T</u>	5708	817	<u>32.16</u>	<u>\$177.49*</u>
	<u>AMD Phenom II X6 1405T</u>	5042	924	NA	NA
	<u>AMD Phenom II X620 Dual-Core</u>	2189	1701	NA	NA
	<u>AMD Phenom II X640 Dual-Core</u>	2021	1769	NA	NA
	<u>AMD Phenom II X920 Quad-Core</u>	2650	1523	NA	NA
	<u>AMD Phenom II X940 Quad-Core</u>	2695	1509	NA	NA
	<u>AMD Phenom Ultra X4 24500</u>	3945	1146	NA	NA
	<u>AMD Phenom X2 Dual-Core GE-4060</u>	1697	1931	NA	NA
	<u>AMD Phenom X2 Dual-Core GE-5560</u>	2206	1694	NA	NA
	<u>AMD Phenom X2 Dual-Core GE-7060</u>	1752	1898	NA	NA
	<u>AMD Phenom X2 Dual-Core GP-5000</u>	1180	2200	NA	NA
	<u>AMD Phenom X2 Dual-Core GP-7730</u>	1435	2059	NA	NA
	<u>AMD Phenom X3 8550</u>	1931	1812	<u>11.36</u>	<u>\$169.95*</u>
	<u>AMD Phenom X4 Quad-Core GP-9500</u>	1757	1892	NA	NA
	<u>AMD Phenom X4 Quad-Core GP-9530</u>	1994	1780	NA	NA
	<u>AMD Phenom X4 Quad-Core GP-9600</u>	2235	1683	NA	NA
	<u>AMD Phenom X4 Quad-Core GP-9730</u>	2897	1448	NA	NA
	<u>AMD Phenom X4 Quad-Core GP-9830</u>	2715	1506	NA	NA
	<u>AMD Phenom X4 Quad-Core GP-9930</u>	2690	1511	NA	NA
	<u>AMD Phenom X4 Quad-Core GS-5560</u>	1211	2182	NA	NA
	<u>AMD PRO A4-3350B APU</u>	2274	1663	NA	NA
	<u>AMD PRO A4-4350B</u>	1502	2034	NA	NA
	<u>AMD PRO A4-8350B</u>	2776	1484	NA	NA
	<u>AMD PRO A6-7350B</u>	2759	1491	NA	NA
	<u>AMD PRO A6-8500B</u>	2516	1571	NA	NA
	<u>AMD PRO A6-8530B</u>	2388	1619	NA	NA
	<u>AMD PRO A6-8550B</u>	2970	1415	NA	NA
	<u>AMD PRO A6-8570</u>	3049	1392	NA	NA
	<u>AMD PRO A6-8570E</u>	2824	1467	NA	NA
	<u>AMD PRO A6-9500</u>	2950	1421	<u>39.88</u>	<u>\$74.00*</u>

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD PRO A6-9500B</u>	2076	1745	NA	NA
<u>AMD PRO A6-9500E</u>	2717	1502	<u>36.73</u>	<u>\$74.00*</u>
<u>AMD PRO A8-8600B</u>	3519	1250	NA	NA
<u>AMD PRO A8-8650B</u>	5223	890	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD PRO A8-8670E</u>	5015	931	NA	NA
<u>AMD PRO A8-9600</u>	5277	882	<u>44.35</u>	<u>\$119.00*</u>
<u>AMD PRO A8-9600B</u>	3964	1138	NA	NA
<u>AMD PRO A10-8700B</u>	3551	1236	NA	NA
<u>AMD PRO A10-8730B</u>	3962	1140	NA	NA
<u>AMD PRO A10-8750B</u>	5473	851	NA	NA
<u>AMD PRO A10-8770</u>	5707	818	NA	NA
<u>AMD PRO A10-8770E</u>	5035	925	NA	NA
<u>AMD PRO A10-8850B</u>	5852	798	NA	NA
<u>AMD PRO A10-9700</u>	5599	832	<u>33.13</u>	<u>\$169.00*</u>
<u>AMD PRO A10-9700B</u>	4380	1059	NA	NA
<u>AMD PRO A10-9700E</u>	5066	917	<u>36.45</u>	<u>\$139.00*</u>
<u>AMD PRO A12-8800B</u>	4111	1112	NA	NA
<u>AMD PRO A12-8830B</u>	4259	1085	NA	NA
<u>AMD PRO A12-8870</u>	6067	780	NA	NA
<u>AMD PRO A12-8870E</u>	5186	898	NA	NA
<u>AMD PRO A12-9800</u>	6132	768	<u>36.29</u>	<u>\$169.00*</u>
<u>AMD PRO A12-9800B</u>	4095	1115	NA	NA
<u>AMD PRO A12-9800E</u>	4769	978	<u>28.22</u>	<u>\$169.00*</u>
<u>AMD QC-4000</u>	1663	1955	NA	NA
<u>AMD R-260H APU</u>	1576	1996	NA	NA
<u>AMD R-460L APU</u>	1954	1798	NA	NA
<u>AMD R-464L APU</u>	3117	1369	NA	NA
<u>AMD RX-427BB</u>	4364	1062	NA	NA
<u>AMD Ryzen 3 1200</u>	6795	700	<u>113.28</u>	<u>\$59.99</u>
<u>AMD Ryzen 3 1300X</u>	7552	629	<u>58.77</u>	<u>\$128.50</u>
<u>AMD Ryzen 3 2200G</u>	7332	651	<u>94.01</u>	<u>\$77.99</u>
<u>AMD Ryzen 3 2200GE</u>	6976	682	NA	NA
<u>AMD Ryzen 3 2200U</u>	4586	1016	NA	NA
<u>AMD Ryzen 3 2300U</u>	6104	772	NA	NA
<u>AMD Ryzen 3 2300X</u>	8379	541	NA	NA
<u>AMD Ryzen 3 3200G</u>	7906	590	<u>90.88</u>	<u>\$87.00</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
	AMD Ryzen 3 3200U	4704	988	NA	NA
	AMD Ryzen 3 3300U	6143	766	NA	NA
	AMD Ryzen 3 PRO 1200	7075	673	NA	NA
	AMD Ryzen 3 PRO 1300	7994	579	NA	NA
	AMD Ryzen 3 PRO 2100GE	5113	908	NA	NA
	AMD Ryzen 3 PRO 2200G	7986	583	NA	NA
	AMD Ryzen 3 PRO 2200GE	7524	631	NA	NA
	AMD Ryzen 3 PRO 2300U	7053	676	NA	NA
	AMD Ryzen 3 PRO 3200G	8316	548	NA	NA
	AMD Ryzen 3 PRO 3200GE	8244	553	NA	NA
	AMD Ryzen 3 PRO 3300U	6888	694	NA	NA
	AMD Ryzen 5 1400	8364	543	57.69	\$144.99
	AMD Ryzen 5 1500X	10106	365	71.61	\$141.12
	AMD Ryzen 5 1600	12285	267	122.88	\$99.98
	AMD Ryzen 5 1600X	13202	234	89.82	\$146.99
	AMD Ryzen 5 2400G	9321	442	78.33	\$119.00
	AMD Ryzen 5 2400GE	9027	475	NA	NA
	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	AMD Ryzen 5 2500U	7350	649	NA	NA
	AMD Ryzen 5 2500X	9704	407	NA	NA
	AMD Ryzen 5 2600	13513	227	114.83	\$117.68
	AMD Ryzen 5 2600H	8366	542	NA	NA
	AMD Ryzen 5 2600X	14364	194	95.77	\$149.99
	AMD Ryzen 5 3400G	9942	382	67.41	\$147.49
	AMD Ryzen 5 3500	13171	235	NA	NA
	AMD Ryzen 5 3500U	7910	589	NA	NA
	AMD Ryzen 5 3500X	17073	122	NA	NA
	AMD Ryzen 5 3550H	8329	547	NA	NA
	AMD Ryzen 5 3580U	7429	642	NA	NA
	AMD Ryzen 5 3600	19901	79	102.59	\$194.00
	AMD Ryzen 5 3600X	20501	69	84.03	\$243.98
	AMD Ryzen 5 PRO 1500	10133	362	NA	NA
	AMD Ryzen 5 PRO 1600	12213	272	NA	NA
	AMD Ryzen 5 PRO 2400G	10005	373	NA	NA
	AMD Ryzen 5 PRO 2400GE	8439	535	NA	NA
	AMD Ryzen 5 PRO 2500U	8202	558	NA	NA
	AMD Ryzen 5 PRO 2600	14221	197	NA	NA

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	AMD Ryzen 5 PRO 3400G	10615	332	NA	NA
	AMD Ryzen 5 PRO 3400GE	10300	348	NA	NA
	AMD Ryzen 5 PRO 3500U	8453	531	NA	NA
	AMD Ryzen 5 PRO 3600	21601	58	NA	NA
	AMD Ryzen 7 1700	13933	206	54.67	\$254.89
	AMD Ryzen 7 1700X	14812	182	86.62	\$171.00
	AMD Ryzen 7 1800X	15538	164	53.96	\$287.95
	AMD Ryzen 7 2700	15084	175	88.79	\$169.89
	AMD Ryzen 7 2700E	13410	230	NA	NA
	AMD Ryzen 7 2700U	7414	645	NA	NA
	AMD Ryzen 7 2700X	16964	125	87.00	\$194.99
	AMD Ryzen 7 2800H	8498	529	NA	NA
	AMD Ryzen 7 3700U	8074	568	NA	NA
	AMD Ryzen 7 3700X	23860	39	72.75	\$327.99
	AMD Ryzen 7 3750H	8959	484	NA	NA
	AMD Ryzen 7 3780U	8427	537	NA	NA
	AMD Ryzen 7 3800X	24564	32	69.20	\$354.99
	AMD Ryzen 7 PRO 1700	14112	202	NA	NA
	AMD Ryzen 7 PRO 1700X	15324	170	NA	NA
	AMD Ryzen 7 PRO 2700	15406	169	NA	NA
	AMD Ryzen 7 PRO 2700U	8882	497	NA	NA
	AMD Ryzen 7 PRO 2700X	17161	121	NA	NA
	AMD Ryzen 7 PRO 3700	25748	23	NA	NA
	AMD Ryzen 7 PRO 3700U	8622	520	NA	NA
	AMD Ryzen 9 3900	30679	8	NA	NA
	AMD Ryzen 9 3900X	31877	6	53.94	\$591.03
	AMD Ryzen 9 3950X	34009	3	NA	NA
	AMD Ryzen 9 PRO 3900	32622	5	NA	NA
	AMD Ryzen Embedded R1505G	4555	1020	NA	NA
	AMD Ryzen Embedded V1202B	4447	1047	NA	NA
	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	AMD Ryzen Embedded V1605B	7087	672	NA	NA
	AMD Ryzen Embedded V1756B	8559	525	NA	NA
	AMD Ryzen Embedded V1807B	8528	527	NA	NA
	AMD Ryzen Threadripper 1900X	16069	148	107.14	\$149.99
	AMD Ryzen Threadripper 1920X	20029	77	71.59	\$279.79
	AMD Ryzen Threadripper 1950X	21932	52	44.76	\$489.99*

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	AMD Ryzen Threadripper 2920X	22086	50	58.13	\$379.95
	AMD Ryzen Threadripper 2950X	25324	26	37.24	\$679.99
	AMD Ryzen Threadripper 2970WX	21887	54	23.92	\$914.99
	AMD Ryzen Threadripper 2990WX	23167	44	13.43	\$1,724.99
	AMD Ryzen Threadripper 2990X	19227	96	NA	NA
	AMD Sempron 130	700	2467	28.03	\$24.99*
	AMD Sempron 140	739	2449	18.69	\$39.59*
	AMD Sempron 145	807	2420	8.51	\$94.92
	AMD Sempron 150	747	2443	16.64	\$44.95*
	AMD Sempron 200U	267	2852	3.08	\$87.00*
	AMD Sempron 210U	391	2698	NA	NA
	AMD Sempron 240	2110	1731	36.39	\$58.00
	AMD Sempron 2100+	392	2696	NA	NA
	AMD Sempron 2200+	282	2832	9.42	\$29.99*
	AMD Sempron 2300+	318	2773	7.07	\$45.00*
	AMD Sempron 2400+	314	2780	12.10	\$26.00*
	AMD Sempron 2500+	335	2755	6.11	\$54.95*
	AMD Sempron 2600+	374	2713	10.71	\$34.95
	AMD Sempron 2650 APU	951	2341	14.65	\$64.95
	AMD Sempron 2800+	383	2703	6.40	\$59.95
	AMD Sempron 3000+	408	2669	20.41	\$20.00
	AMD Sempron 3100+	452	2623	7.53	\$60.00*
	AMD Sempron 3200+	406	2671	3.10	\$131.22*
	AMD Sempron 3300+	484	2593	8.07	\$60.00
	AMD Sempron 3400+	454	2621	15.21	\$29.89
	AMD Sempron 3500+	379	2706	18.98	\$20.00*
	AMD Sempron 3600+	483	2595	40.30	\$12.00*
	AMD Sempron 3800+	554	2539	3.62	\$152.92*
	AMD Sempron 3850 APU	1715	1915	23.47	\$73.10
	AMD Sempron Dual Core 2100	936	2354	24.02	\$39.00*
	AMD Sempron Dual Core 2200	995	2310	NA	NA
	AMD Sempron Dual Core 2300	982	2318	23.39	\$41.99*
	AMD Sempron Dual Core 4700	948	2345	NA	NA
	AMD Sempron Dual Core 4900	1081	2261	NA	NA
	AMD Sempron LE-250	490	2582	NA	NA
	AMD Sempron LE-1100	438	2640	NA	NA
	AMD Sempron LE-1150	444	2633	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)		
AMD Sempron LE-1200	531	2552	NA	NA		
AMD Sempron LE-1250	543	2544	5.44	\$99.95*		
AMD Sempron LE-1300	595	2516	28.37	\$21.00		
AMD Sempron LE-1600	535	2549	NA	NA		
AMD Sempron LE-1620	635	2497	NA	NA		
AMD Sempron LE-1640	759	2439	NA	NA		
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)		
AMD Sempron M100	566	2535	47.17	\$12.00*		
AMD Sempron M120	582	2524	NA	NA		
AMD Sempron SI-40	447	2630	37.27	\$12.00*		
AMD Sempron SI-42	456	2620	15.22	\$30.01*		
AMD Sempron X2 180	1391	2077	20.05	\$69.40*		
AMD Sempron X2 190	1534	2014	18.39	\$83.44*		
AMD Sempron X2 198 Dual-Core	1413	2070	NA	NA		
AMD Turion 64 Mobile MK-36	465	2608	NA	NA		
AMD Turion 64 Mobile MK-38	513	2565	NA	NA		
AMD Turion 64 Mobile ML-28	390	2700	NA	NA		
AMD Turion 64 Mobile ML-30	402	2680	NA	NA		
AMD Turion 64 Mobile ML-32	402	2678	NA	NA		
AMD Turion 64 Mobile ML-34	425	2655	NA	NA		
AMD Turion 64 Mobile ML-37	446	2631	2.27	\$196.50*		
AMD Turion 64 Mobile ML-40	522	2559	NA	NA		
AMD Turion 64 Mobile ML-42	615	2506	NA	NA		
AMD Turion 64 Mobile ML-44	591	2517	NA	NA		
AMD Turion 64 Mobile MT-28	419	2658	NA	NA		
AMD Turion 64 Mobile MT-30	378	2707	NA	NA		
AMD Turion 64 Mobile MT-32	426	2654	NA	NA		
AMD Turion 64 Mobile MT-34	429	2650	NA	NA		
AMD Turion 64 Mobile MT-37	484	2592	NA	NA		
AMD Turion 64 Mobile MT-40	536	2548	NA	NA		
AMD Turion 64 X2 Mobile TL-50	747	2445	14.95	\$49.99*		
AMD Turion 64 X2 Mobile TL-52	763	2434	NA	NA		
AMD Turion 64 X2 Mobile TL-56	891	2380	63.89	\$13.95*		
AMD Turion 64 X2 Mobile TL-58	947	2348	NA	NA		
AMD Turion 64 X2 Mobile TL-60	998	2307	62.61	\$15.95*		
AMD Turion 64 X2 Mobile TL-62	1092	2252	3.51	\$311.00*		
AMD Turion 64 X2 Mobile TL-64	1090	2253	27.69	\$39.39*		

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Passmark CPU Mark (higher is better)	RAM	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
			marks	PC Systems	Android	iOS / iPhone	
AMD Turion 64 X2 Mobile TL-66			1141		2226	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68			1162		2213	12.92	\$90.00*
AMD Turion Dual-Core RM-70			912		2370	36.49	\$25.00*
AMD Turion Dual-Core RM-72			860		2389	21.52	\$39.99*
AMD Turion Dual-Core RM-74			1016		2295	NA	NA
AMD Turion Dual-Core RM-75			1003		2303	36.53	\$27.46*
AMD Turion II Dual-Core Mobile M500			1293		2132	NA	NA
AMD Turion II Dual-Core Mobile M520			1306		2125	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540			1338		2109	NA	NA
AMD Turion II N530 Dual-Core			1567		2000	52.24	\$30.00*
AMD Turion II N550 Dual-Core			1521		2017	NA	NA
AMD Turion II Neo K625 Dual-Core			977		2321	NA	NA
AMD Turion II Neo K685 Dual-Core			1186		2198	NA	NA
AMD Turion II Neo N40L Dual-Core			930		2357	NA	NA
AMD Turion II Neo N54L Dual-Core			1363		2093	NA	NA
AMD Turion II P520 Dual-Core			1360		2096	NA	NA
AMD Turion II P540 Dual-Core			1432		2062	28.67	\$49.95*
AMD Turion II P560 Dual-Core			1515		2024	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600			1406		2072	52.55	\$26.76*
CPU Name			Passmark CPU Mark (higher is better)		Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II Ultra Dual-Core Mobile M620			1435		2060	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640			1670		1946	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660			1533		2015	NA	NA
AMD Turion Neo X2 Dual Core L625			813		2416	NA	NA
AMD Turion X2 Dual Core L510			923		2363	NA	NA
AMD Turion X2 Dual Core Mobile RM-70			858		2391	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76			1059		2270	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70			994		2314	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72			1085		2257	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74			1059		2269	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75			1120		2231	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77			1149		2222	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80			1023		2288	16.51	\$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82			1084		2259	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84			1209		2184	63.72	\$18.99*

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 Turion X2 Ultra Dual-Core Mobile ZM-85</u>		1234	2172	<u>27.43</u>		<u>\$45.00*</u>	
			<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-86</u>		1295	2131	<u>23.56</u>		<u>\$55.00*</u>	
			<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-87</u>		1205	2187	<u>30.18</u>		<u>\$39.95*</u>	
			<u>AMD TurionX2 Dual Core Mobile RM-70</u>		997	2309	NA		NA	
			<u>AMD TurionX2 Dual Core Mobile RM-72</u>		1026	2285	NA		NA	
			<u>AMD TurionX2 Ultra DualCore Mobile ZM-85</u>		1454	2052	NA		NA	
			<u>AMD V105</u>		299	2800	NA		NA	
			<u>AMD V120</u>		623	2504	NA		NA	
			<u>AMD V140</u>		643	2494	<u>12.89</u>		<u>\$49.95*</u>	
			<u>AMD V160</u>		677	2479	NA		NA	
			<u>AMD Z-01</u>		523	2558	NA		NA	
			<u>AMD Z-60 APU</u>		500	2575	NA		NA	
			<u>AMD-K6 3D</u>		90	2976	NA		NA	
			<u>AMD-K6-III</u>		108	2973	NA		NA	
			<u>AMD-K7</u>		403	2677	NA		NA	
			<u>Athlon 64 Dual Core 3800+</u>		1234	2173	NA		NA	
			<u>Athlon 64 Dual Core 4200+</u>		1156	2217	<u>5.64</u>		<u>\$204.95*</u>	
			<u>Athlon 64 Dual Core 4800+</u>		1370	2090	NA		NA	
			<u>Athlon 64 Dual Core 5000+</u>		1507	2029	NA		NA	
			<u>Athlon 64 Dual Core 5400+</u>		1614	1979	NA		NA	
			<u>Athlon 64 Dual Core 5600+</u>		1548	2006	NA		NA	
			<u>Athlon Dual Core 4050e</u>		968	2327	NA		NA	
			<u>Athlon Dual Core 4450e</u>		1204	2188	NA		NA	
			<u>Athlon Dual Core 4850e</u>		1346	2104	NA		NA	
			<u>Celeron Dual-Core Q8300 @ 2.50GHz</u>		2837	1461	NA		NA	
			<u>Celeron Dual-Core T3000 @ 1.80GHz</u>		1086	2256	NA		NA	
			<u>Celeron Dual-Core T3100 @ 1.90GHz</u>		1172	2206	<u>27.91</u>		<u>\$42.00</u>	
			<u>Celeron Dual-Core T3300 @ 2.00GHz</u>		1201	2192	NA		NA	
			<u>Celeron Dual-Core T3500 @ 2.10GHz</u>		1276	2149	NA		NA	
			<u>Dual-Core AMD Opteron 1220 SE</u>		1206	2186	NA		NA	
			<u>HP Hexa-Core 2.0GHz</u>		2178	1702	<u>4.32</u>		<u>\$504.27*</u>	
			<u>Intel 2.80GHz</u>		525	2556	NA		NA	
			<u>Intel 1300 @ 1.66GHz</u>		857	2392	NA		NA	
			<u>Intel 1400 @ 1.83GHz</u>		980	2319	NA		NA	
			CPU Name		Passmark CPU Mark (higher is better)	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
	Intel 1500 @ 2.00GHz	1024	2286	NA	NA
	Intel Atom 230 @ 1.60GHz	307	2787	NA	NA
	Intel Atom 330 @ 1.60GHz	587	2521	NA	NA
	Intel Atom C2338 @ 1.74GHz	898	2378	NA	NA
	Intel Atom C2358 @ 1.74GHz	961	2335	NA	NA
	Intel Atom C2538 @ 2.40GHz	2085	1741	20.05	\$104.00*
	Intel Atom C2550 @ 2.40GHz	2141	1715	NA	NA
	Intel Atom C2558 @ 2.40GHz	2169	1707	15.95	\$136.00*
	Intel Atom C2750 @ 2.40GHz	3768	1183	16.24	\$232.00*
	Intel Atom C2750 @ 2.41GHz	3344	1293	NA	NA
	Intel Atom C2758 @ 2.40GHz	3162	1350	14.72	\$214.86*
	Intel Atom C3538 @ 2.10GHz	2455	1595	32.73	\$75.00*
	Intel Atom C3558 @ 2.20GHz	2538	1563	29.52	\$86.00*
	Intel Atom C3858 @ 2.00GHz	4852	965	14.62	\$332.00*
	Intel Atom C3958 @ 2.00GHz	6586	725	14.67	\$449.00*
	Intel Atom D410 @ 1.66GHz	301	2796	0.47	\$635.99*
	Intel Atom D425 @ 1.80GHz	345	2748	0.35	\$992.98*
	Intel Atom D510 @ 1.66GHz	658	2487	6.78	\$97.16*
	Intel Atom D525 @ 1.80GHz	706	2462	NA	NA
	Intel Atom D2500 @ 1.86GHz	403	2675	NA	NA
	Intel Atom D2550 @ 1.86GHz	680	2477	NA	NA
	Intel Atom D2560 @ 2.00GHz	711	2459	NA	NA
	Intel Atom D2700 @ 2.13GHz	842	2401	NA	NA
	Intel Atom D2701 @ 2.13GHz	720	2456	NA	NA
	Intel Atom E660 @ 1.30GHz	271	2848	5.03	\$54.00*
	Intel Atom E680 @ 1.60GHz	346	2745	NA	NA
	Intel Atom E3815 @ 1.46GHz	331	2762	1.58	\$209.99
	Intel Atom E3825 @ 1.33GHz	579	2526	8.24	\$70.32*
	Intel Atom E3826 @ 1.46GHz	489	2583	NA	NA
	Intel Atom E3827 @ 1.74GHz	849	2397	NA	NA
	Intel Atom E3840 @ 1.91GHz	1162	2214	NA	NA
	Intel Atom E3845 @ 1.91GHz	1504	2031	NA	NA
	Intel Atom E3940 @ 1.60GHz	1867	1843	NA	NA
	Intel Atom E3950 @ 1.60GHz	1876	1840	NA	NA
	Intel Atom K510 @ 1.66GHz	658	2486	NA	NA
	Intel Atom N270 @ 1.60GHz	269	2851	NA	NA
	Intel Atom N280 @ 1.66GHz	282	2829	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N435 @ 1.33GHz	261	2859	NA	NA
Intel Atom N450 @ 1.66GHz	296	2806	NA	NA
Intel Atom N455 @ 1.66GHz	283	2828	NA	NA
Intel Atom N470 @ 1.83GHz	332	2761	NA	NA
Intel Atom N475 @ 1.83GHz	314	2778	NA	NA
Intel Atom N550 @ 1.50GHz	524	2557	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	574	2531	6.68	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2792	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2554	NA	NA
Intel Atom N2800 @ 1.86GHz	625	2503	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2366	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1760	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom x5-E3930 @ 1.30GHz	811	2417	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1600	1987	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1191	2194	8.96	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1029	2283	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1275	2150	60.75	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1696	1932	27.11	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1835	1862	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1890	1833	25.68	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1894	1829	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2927	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2903	NA	NA
Intel Atom Z520 @ 1.33GHz	217	2904	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2836	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2742	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2704	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2883	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2534	NA	NA
Intel Atom Z3735D @ 1.33GHz	937	2352	NA	NA
Intel Atom Z3735E @ 1.33GHz	948	2346	8.10	\$117.00*
Intel Atom Z3735F @ 1.33GHz	914	2367	5.04	\$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2374	NA	NA
Intel Atom Z3736F @ 1.33GHz	912	2369	NA	NA
Intel Atom Z3740 @ 1.33GHz	1068	2266	NA	NA
Intel Atom Z3740D @ 1.33GHz	1011	2296	NA	NA

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Passmark CPU Mark (higher is better)	RAM	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
			marks	PC Systems	Android	iOS / iPhone	
Intel Atom Z3745 @ 1.33GHz			1079		2264	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz			1018		2294	NA	NA
Intel Atom Z3770 @ 1.46GHz			1252		2163	8.38	\$149.44*
Intel Atom Z3770D @ 1.49GHz			805		2421	NA	NA
Intel Atom Z3775 @ 1.46GHz			1275		2151	36.44	\$35.00*
Intel Atom Z3775D @ 1.49GHz			1278		2147	NA	NA
Intel Atom Z3795 @ 1.60GHz			1804		1875	NA	NA
Intel Celeron 1.70GHz			130		2966	NA	NA
Intel Celeron 1.80GHz			136		2963	NA	NA
Intel Celeron 2.00GHz			182		2939	NA	NA
Intel Celeron 2.10GHz			244		2881	NA	NA
Intel Celeron 2.13GHz			208		2914	NA	NA
Intel Celeron 2.20GHz			213		2909	NA	NA
Intel Celeron 2.26GHz			223		2898	NA	NA
Intel Celeron 2.30GHz			227		2895	NA	NA
Intel Celeron 2.40GHz			217		2905	NA	NA
Intel Celeron 2.50GHz			247		2875	NA	NA
Intel Celeron 2.53GHz			245		2879	NA	NA
Intel Celeron 2.60GHz			238		2885	NA	NA
Intel Celeron 2.66GHz			249		2873	NA	NA
Intel Celeron 2.70GHz			245		2880	NA	NA
Intel Celeron 2.80GHz			254		2865	NA	NA
Intel Celeron 2.93GHz			283		2827	NA	NA
Intel Celeron 3.06GHz			284		2825	NA	NA
Intel Celeron 3.20GHz			288		2817	NA	NA
CPU Name			Passmark CPU Mark (higher is better)		Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3.33GHz			333		2759	NA	NA
Intel Celeron 215 @ 1.33GHz			322		2768	NA	NA
Intel Celeron 220 @ 1.20GHz			320		2770	NA	NA
Intel Celeron 420 @ 1.60GHz			450		2625	11.27	\$39.99*
Intel Celeron 430 @ 1.80GHz			487		2585	10.33	\$47.18
Intel Celeron 440 @ 2.00GHz			544		2542	24.38	\$22.33
Intel Celeron 450 @ 2.20GHz			626		2500	20.90	\$29.99*
Intel Celeron 530 @ 1.73GHz			474		2601	20.62	\$22.99*
Intel Celeron 540 @ 1.86GHz			521		2560	NA	NA
Intel Celeron 550 @ 2.00GHz			517		2562	7.96	\$64.95
Intel Celeron 560 @ 2.13GHz			531		2551	6.65	\$79.95

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
	Intel Celeron 570 @ 2.26GHz	517	2561	NA	NA
	Intel Celeron 600MHz	147	2959	NA	NA
	Intel Celeron 723 @ 1.20GHz	390	2699	NA	NA
	Intel Celeron 743 @ 1.30GHz	421	2657	NA	NA
	Intel Celeron 807 @ 1.50GHz	751	2442	NA	NA
	Intel Celeron 807UE @ 1.00GHz	369	2720	NA	NA
	Intel Celeron 827E @ 1.40GHz	613	2507	NA	NA
	Intel Celeron 847 @ 1.10GHz	935	2355	2.97	\$315.00*
	Intel Celeron 847E @ 1.10GHz	1021	2290	NA	NA
	Intel Celeron 857 @ 1.20GHz	1146	2224	NA	NA
	Intel Celeron 867 @ 1.30GHz	1173	2205	39.12	\$29.99*
	Intel Celeron 877 @ 1.40GHz	1291	2134	NA	NA
	Intel Celeron 887 @ 1.50GHz	1280	2145	NA	NA
	Intel Celeron 900 @ 2.20GHz	676	2480	23.34	\$28.99
	Intel Celeron 925 @ 2.30GHz	691	2472	NA	NA
	Intel Celeron 1000M @ 1.80GHz	1673	1941	NA	NA
	Intel Celeron 1000MHz	213	2908	NA	NA
	Intel Celeron 1005M @ 1.90GHz	1808	1872	NA	NA
	Intel Celeron 1007U @ 1.50GHz	1390	2079	7.52	\$184.99*
	Intel Celeron 1017U @ 1.60GHz	1508	2028	NA	NA
	Intel Celeron 1019Y @ 1.00GHz	946	2349	NA	NA
	Intel Celeron 1020E @ 2.20GHz	2232	1684	NA	NA
	Intel Celeron 1037U @ 1.80GHz	1737	1906	NA	NA
	Intel Celeron 1047UE @ 1.40GHz	1188	2196	NA	NA
	Intel Celeron 1066MHz	259	2861	NA	NA
	Intel Celeron 1100MHz	174	2945	NA	NA
	Intel Celeron 1133MHz	282	2830	NA	NA
	Intel Celeron 1200MHz	244	2882	NA	NA
	Intel Celeron 1300MHz	288	2819	NA	NA
	Intel Celeron 1333MHz	290	2813	NA	NA
	Intel Celeron 1400MHz	302	2793	NA	NA
	Intel Celeron 2000E @ 2.20GHz	2365	1629	NA	NA
	Intel Celeron 2002E @ 1.50GHz	1605	1982	18.67	\$86.00*
	Intel Celeron 2950M @ 2.00GHz	1984	1783	NA	NA
	Intel Celeron 2955U @ 1.40GHz	1413	2071	NA	NA
	Intel Celeron 2957U @ 1.40GHz	1433	2061	NA	NA
	Intel Celeron 2961Y @ 1.10GHz	1110	2239	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Celeron 2970M @ 2.20GHz</u>	2312	1645	NA	NA
<u>Intel Celeron 2980U @ 1.60GHz</u>	1593	1993	NA	NA
<u>Intel Celeron 2981U @ 1.60GHz</u>	1364	2092	NA	NA
<u>Intel Celeron 3205U @ 1.50GHz</u>	1503	2032	<u>5.24</u>	<u>\$287.04*</u>
<u>Intel Celeron 3215U @ 1.70GHz</u>	1652	1961	NA	NA
<u>Intel Celeron 3755U @ 1.70GHz</u>	1702	1927	NA	NA
<u>Intel Celeron 3765U @ 1.90GHz</u>	1948	1803	NA	NA
<u>Intel Celeron 3855U @ 1.60GHz</u>	1685	1938	NA	NA
<u>Intel Celeron 3865U @ 1.80GHz</u>	1918	1819	NA	NA
<u>Intel Celeron 3867U @ 1.80GHz</u>	1852	1852	<u>17.31</u>	<u>\$107.00*</u>
<u>Intel Celeron 3955U @ 2.00GHz</u>	1934	1808	NA	NA
<u>Intel Celeron 3965U @ 2.20GHz</u>	2363	1630	<u>22.09</u>	<u>\$107.00*</u>
<u>Intel Celeron 3965Y @ 1.50GHz</u>	1607	1981	<u>15.03</u>	<u>\$107.00*</u>
<u>Intel Celeron 4205U @ 1.80GHz</u>	1977	1786	<u>18.48</u>	<u>\$107.00*</u>
<u>Intel Celeron @ 1.30GHz</u>	965	2329	NA	NA
<u>Intel Celeron B710 @ 1.60GHz</u>	186	2933	NA	NA
<u>Intel Celeron B720 @ 1.70GHz</u>	814	2414	NA	NA
<u>Intel Celeron B800 @ 1.50GHz</u>	1278	2146	NA	NA
<u>Intel Celeron B810 @ 1.60GHz</u>	1395	2076	NA	NA
<u>Intel Celeron B815 @ 1.60GHz</u>	1363	2094	NA	NA
<u>Intel Celeron B820 @ 1.70GHz</u>	1430	2063	<u>36.42</u>	<u>\$39.29*</u>
<u>Intel Celeron B830 @ 1.80GHz</u>	1512	2027	NA	NA
<u>Intel Celeron B840 @ 1.90GHz</u>	1719	1912	NA	NA
<u>Intel Celeron D 347 @ 3.06GHz</u>	270	2850	NA	NA
<u>Intel Celeron D 352 @ 3.20GHz</u>	302	2794	NA	NA
<u>Intel Celeron D 356 @ 3.33GHz</u>	315	2775	NA	NA
<u>Intel Celeron D 360 @ 3.46GHz</u>	337	2754	NA	NA
<u>Intel Celeron D 365 @ 3.60GHz</u>	404	2674	<u>4.50</u>	<u>\$89.95*</u>
<u>Intel Celeron D 420 @ 1.60GHz</u>	481	2596	NA	NA
<u>Intel Celeron D 430 @ 1.80GHz</u>	585	2522	NA	NA
<u>Intel Celeron E1200 @ 1.60GHz</u>	860	2390	<u>7.83</u>	<u>\$109.95*</u>
<u>Intel Celeron E1400 @ 2.00GHz</u>	1053	2273	<u>15.05</u>	<u>\$69.99</u>
<u>Intel Celeron E1500 @ 2.20GHz</u>	1169	2209	<u>59.51</u>	<u>\$19.65</u>
<u>Intel Celeron E1600 @ 2.40GHz</u>	1255	2159	NA	NA
<u>Intel Celeron E3200 @ 2.40GHz</u>	1382	2082	<u>26.59</u>	<u>\$51.99*</u>
<u>Intel Celeron E3300 @ 2.50GHz</u>	1389	2080	<u>55.62</u>	<u>\$24.98</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 Celeron E3400 @ 2.60GHz</u>			1441		2058		<u>2.36</u>		<u>\$610.00*</u>	
<u>Intel Celeron E3500 @ 2.70GHz</u>			1454		2051		<u>36.37</u>		<u>\$39.99*</u>	
<u>Intel Celeron G440 @ 1.60GHz</u>			694		2469		<u>13.90</u>		<u>\$49.99*</u>	
<u>Intel Celeron G460 @ 1.80GHz</u>			1035		2281		<u>15.93</u>		<u>\$65.00</u>	
<u>Intel Celeron G465 @ 1.90GHz</u>			1064		2267		<u>10.64</u>		<u>\$100.00*</u>	
<u>Intel Celeron G470 @ 2.00GHz</u>			1298		2129		NA		NA	
<u>Intel Celeron G530 @ 2.40GHz</u>			2128		1723		<u>53.22</u>		<u>\$39.99*</u>	
<u>Intel Celeron G530T @ 2.00GHz</u>			1717		1913		NA		NA	
<u>Intel Celeron G540 @ 2.50GHz</u>			2197		1698		<u>48.84</u>		<u>\$45.00*</u>	
<u>Intel Celeron G540T @ 2.10GHz</u>			2114		1728		NA		NA	
<u>Intel Celeron G550 @ 2.60GHz</u>			2290		1653		<u>28.63</u>		<u>\$80.00</u>	
<u>Intel Celeron G550T @ 2.20GHz</u>			2032		1764		NA		NA	
<u>Intel Celeron G555 @ 2.70GHz</u>			2422		1605		<u>22.23</u>		<u>\$109.00</u>	
<u>Intel Celeron G1101 @ 2.27GHz</u>			1667		1950		<u>84.34</u>		<u>\$19.77*</u>	
CPU Name			Passmark CPU Mark (higher is better)		Rank (lower is better)		CPU Value (higher is better)		Price (USD)	
<u>Intel Celeron G1610 @ 2.60GHz</u>			2488		1584		<u>52.95</u>		<u>\$47.00</u>	
<u>Intel Celeron G1610T @ 2.30GHz</u>			2256		1671		<u>56.35</u>		<u>\$40.04*</u>	
<u>Intel Celeron G1620 @ 2.70GHz</u>			2576		1546		<u>39.64</u>		<u>\$64.99</u>	
<u>Intel Celeron G1620T @ 2.40GHz</u>			2353		1635		<u>56.03</u>		<u>\$42.00*</u>	
<u>Intel Celeron G1630 @ 2.80GHz</u>			2493		1582		<u>35.63</u>		<u>\$69.99</u>	
<u>Intel Celeron G1820 @ 2.70GHz</u>			2749		1494		<u>45.84</u>		<u>\$59.99</u>	
<u>Intel Celeron G1820T @ 2.40GHz</u>			2495		1581		<u>59.42</u>		<u>\$42.00*</u>	
<u>Intel Celeron G1820TE @ 2.20GHz</u>			2132		1721		NA		NA	
<u>Intel Celeron G1830 @ 2.80GHz</u>			2568		1551		<u>27.05</u>		<u>\$94.95*</u>	
<u>Intel Celeron G1840 @ 2.80GHz</u>			2860		1458		<u>46.34</u>		<u>\$61.73</u>	
<u>Intel Celeron G1840T @ 2.50GHz</u>			2554		1557		NA		NA	
<u>Intel Celeron G1850 @ 2.90GHz</u>			2909		1437		<u>36.38</u>		<u>\$79.99*</u>	
<u>Intel Celeron G3900 @ 2.80GHz</u>			3131		1362		<u>56.94</u>		<u>\$54.99</u>	
<u>Intel Celeron G3900E @ 2.40GHz</u>			2679		1514		<u>25.05</u>		<u>\$107.00*</u>	
<u>Intel Celeron G3900T @ 2.60GHz</u>			2925		1433		<u>26.01</u>		<u>\$112.46*</u>	
<u>Intel Celeron G3900TE @ 2.30GHz</u>			2591		1540		<u>61.71</u>		<u>\$42.00*</u>	
<u>Intel Celeron G3920 @ 2.90GHz</u>			3123		1366		<u>27.40</u>		<u>\$113.99*</u>	
<u>Intel Celeron G3930 @ 2.90GHz</u>			3037		1393		<u>33.91</u>		<u>\$89.59</u>	
<u>Intel Celeron G3930T @ 2.70GHz</u>			2766		1486		<u>39.64</u>		<u>\$69.79*</u>	
<u>Intel Celeron G3930TE @ 2.70GHz</u>			2970		1416		<u>70.72</u>		<u>\$42.00*</u>	
<u>Intel Celeron G3950 @ 3.00GHz</u>			3049		1391		<u>27.97</u>		<u>\$109.04</u>	
<u>Intel Celeron G4900 @ 3.10GHz</u>			3293		1308		<u>60.99</u>		<u>\$54.00</u>	

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Passmark CPU Mark (higher is better)	RAM	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
			marks	PC Systems	Android	iOS / iPhone	
Intel Celeron G4900T @ 2.90GHz			3096		1373	73.72	\$42.00*
Intel Celeron G4920 @ 3.20GHz			3220		1330	42.10	\$76.50*
Intel Celeron G4930 @ 3.20GHz			3503		1255	71.87	\$48.75
Intel Celeron J1750 @ 2.41GHz			1037		2280	NA	NA
Intel Celeron J1800 @ 2.41GHz			1019		2292	NA	NA
Intel Celeron J1850 @ 1.99GHz			1617		1977	NA	NA
Intel Celeron J1900 @ 1.99GHz			1852		1851	NA	NA
Intel Celeron J3060 @ 1.60GHz			978		2320	NA	NA
Intel Celeron J3160 @ 1.60GHz			1798		1878	NA	NA
Intel Celeron J3355 @ 2.00GHz			1155		2218	NA	NA
Intel Celeron J3455 @ 1.50GHz			2113		1730	5.87	\$359.99
Intel Celeron J4005 @ 2.00GHz			1544		2007	10.42	\$148.31
Intel Celeron J4105 @ 1.50GHz			2642		1525	24.70	\$107.00*
Intel Celeron M 1.00GHz			207		2915	1.60	\$129.95
Intel Celeron M 1.30GHz			316		2774	NA	NA
Intel Celeron M 1.50GHz			343		2750	NA	NA
Intel Celeron M 1.60GHz			362		2730	NA	NA
Intel Celeron M 1.70GHz			393		2694	NA	NA
Intel Celeron M 360 1.40GHz			328		2764	NA	NA
Intel Celeron M 410 @ 1.46GHz			315		2776	NA	NA
Intel Celeron M 420 @ 1.60GHz			334		2758	NA	NA
Intel Celeron M 430 @ 1.73GHz			368		2722	NA	NA
Intel Celeron M 440 @ 1.86GHz			392		2695	NA	NA
Intel Celeron M 443 @ 1.20GHz			253		2867	NA	NA
Intel Celeron M 450 @ 2.00GHz			450		2626	NA	NA
Intel Celeron M 520 @ 1.60GHz			431		2649	NA	NA
Intel Celeron M 530 @ 1.73GHz			462		2611	NA	NA
CPU Name			Passmark CPU Mark (higher is better)		Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 540 @ 1.86GHz			542		2545	NA	NA
Intel Celeron M 600MHz			151		2957	NA	NA
Intel Celeron M 723 @ 1.20GHz			457		2619	NA	NA
Intel Celeron M 900MHz			204		2917	NA	NA
Intel Celeron M 1200MHz			275		2845	NA	NA
Intel Celeron M 1300MHz			303		2790	NA	NA
Intel Celeron M 1500MHz			333		2760	NA	NA
Intel Celeron M ULV 800MHz			184		2937	NA	NA
Intel Celeron N2805 @ 1.46GHz			460		2616	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	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	Intel Celeron N2806 @ 1.60GHz	802	2422	NA	NA
	Intel Celeron N2807 @ 1.58GHz	861	2388	NA	NA
	Intel Celeron N2808 @ 1.58GHz	907	2373	NA	NA
	Intel Celeron N2810 @ 2.00GHz	787	2427	5.62	\$139.99*
	Intel Celeron N2815 @ 1.86GHz	857	2393	NA	NA
	Intel Celeron N2820 @ 2.13GHz	937	2353	8.52	\$109.99
	Intel Celeron N2830 @ 2.16GHz	965	2328	NA	NA
	Intel Celeron N2840 @ 2.16GHz	1003	2302	NA	NA
	Intel Celeron N2910 @ 1.60GHz	1203	2189	NA	NA
	Intel Celeron N2920 @ 1.86GHz	1514	2026	NA	NA
	Intel Celeron N2930 @ 1.83GHz	1658	1958	NA	NA
	Intel Celeron N2940 @ 1.83GHz	1722	1909	NA	NA
	Intel Celeron N3000 @ 1.04GHz	899	2376	NA	NA
	Intel Celeron N3010 @ 1.04GHz	973	2323	NA	NA
	Intel Celeron N3050 @ 1.60GHz	879	2381	5.50	\$159.99
	Intel Celeron N3060 @ 1.60GHz	984	2317	NA	NA
	Intel Celeron N3150 @ 1.60GHz	1666	1951	NA	NA
	Intel Celeron N3160 @ 1.60GHz	1664	1954	5.75	\$289.18
	Intel Celeron N3350 @ 1.10GHz	1112	2237	NA	NA
	Intel Celeron N3450 @ 1.10GHz	1850	1853	11.63	\$159.14
	Intel Celeron N4000 @ 1.10GHz	1428	2064	13.35	\$107.00*
	Intel Celeron N4100 @ 1.10GHz	2264	1668	21.17	\$107.00*
	Intel Celeron P4500 @ 1.87GHz	1116	2233	NA	NA
	Intel Celeron P4505 @ 1.87GHz	994	2312	NA	NA
	Intel Celeron P4600 @ 2.00GHz	1328	2113	NA	NA
	Intel Celeron SU2300 @ 1.20GHz	771	2431	NA	NA
	Intel Celeron T1600 @ 1.66GHz	950	2343	47.54	\$19.99*
	Intel Celeron T1700 @ 1.83GHz	1058	2271	35.29	\$29.99*
	Intel Celeron U1900 @ 1.99GHz	1704	1926	NA	NA
	Intel Celeron U3400 @ 1.07GHz	721	2454	NA	NA
	Intel Celeron U3405 @ 1.07GHz	684	2474	NA	NA
	Intel Celeron U3600 @ 1.20GHz	809	2419	NA	NA
	Intel Core2 Duo E4300 @ 1.80GHz	1051	2274	6.57	\$159.95*
	Intel Core2 Duo E4400 @ 2.00GHz	1158	2216	23.17	\$49.99*
	Intel Core2 Duo E4500 @ 2.20GHz	1270	2153	17.84	\$71.25*
	Intel Core2 Duo E4600 @ 2.40GHz	1384	2081	8.77	\$157.95*
	Intel Core2 Duo E4700 @ 2.60GHz	1481	2043	54.88	\$26.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6300 @ 1.86GHz	1108	2242	85.33	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2199	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1289	2137	43.04	\$29.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6420 @ 2.13GHz	1359	2097	27.20	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	2054	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1497	2035	100.18	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1554	2005	103.71	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1934	56.46	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1712	1917	166.26	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1945	1804	38.92	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1625	1975	33.17	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1727	1908	43.31	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1769	1887	61.05	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1842	125.02	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1961	1794	16.35	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1490	2038	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1761	1890	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1882	1838	37.66	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1797	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1632	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1989	1781	99.53	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1854	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1724	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2148	1714	47.22	\$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2097	1735	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2281	1658	57.06	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2398	1615	56.51	\$42.45*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1693	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2436	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2475	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2410	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2399	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	961	2334	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2324	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2232	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1080	2262	NA	NA

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Passmark CPU Mark (higher is better)	RAM	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
			marks	PC Systems	Android	iOS / iPhone	
<u>Intel Core2 Duo L9600 @ 2.13GHz</u>			1346		2103	NA	NA
<u>Intel Core2 Duo P7350 @ 2.00GHz</u>			1289		2136	<u>64.49</u>	<u>\$19.99*</u>
<u>Intel Core2 Duo P7370 @ 2.00GHz</u>			1311		2121	NA	NA
<u>Intel Core2 Duo P7450 @ 2.13GHz</u>			1416		2068	<u>35.42</u>	<u>\$39.99*</u>
<u>Intel Core2 Duo P7500 @ 1.60GHz</u>			945		2350	NA	NA
<u>Intel Core2 Duo P7550 @ 2.26GHz</u>			1518		2021	<u>6.60</u>	<u>\$229.99*</u>
<u>Intel Core2 Duo P7570 @ 2.26GHz</u>			1455		2050	NA	NA
<u>Intel Core2 Duo P7700 @ 1.80GHz</u>			1021		2289	NA	NA
<u>Intel Core2 Duo P8400 @ 2.26GHz</u>			1453		2053	<u>4.89</u>	<u>\$297.01*</u>
<u>Intel Core2 Duo P8600 @ 2.40GHz</u>			1536		2013	<u>31.25</u>	<u>\$49.18*</u>
<u>Intel Core2 Duo P8700 @ 2.53GHz</u>			1624		1976	<u>42.76</u>	<u>\$37.99*</u>
<u>Intel Core2 Duo P8800 @ 2.66GHz</u>			1739		1903	<u>30.53</u>	<u>\$56.99*</u>
<u>Intel Core2 Duo P9300 @ 2.26GHz</u>			1564		2002	NA	NA
<u>Intel Core2 Duo P9500 @ 2.53GHz</u>			1753		1897	<u>1.75</u>	<u>\$998.99*</u>
<u>Intel Core2 Duo P9600 @ 2.53GHz</u>			1754		1896	<u>17.72</u>	<u>\$99.00*</u>
<u>Intel Core2 Duo P9600 @ 2.66GHz</u>			1866		1844	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 P9700 @ 2.80GHz</u>			2015		1773	NA	NA
<u>Intel Core2 Duo Q6867 @ 3.00GHz</u>			589		2520	NA	NA
<u>Intel Core2 Duo SL9400 @ 1.86GHz</u>			1251		2165	<u>4.95</u>	<u>\$253.00*</u>
<u>Intel Core2 Duo SP9400 @ 2.40GHz</u>			1675		1940	<u>5.90</u>	<u>\$284.00*</u>
<u>Intel Core2 Duo SU9400 @ 1.40GHz</u>			925		2360	NA	NA
<u>Intel Core2 Duo T5200 @ 1.60GHz</u>			833		2405	NA	NA
<u>Intel Core2 Duo T5250 @ 1.50GHz</u>			839		2403	NA	NA
<u>Intel Core2 Duo T5270 @ 1.40GHz</u>			813		2415	NA	NA
<u>Intel Core2 Duo T5300 @ 1.73GHz</u>			933		2356	NA	NA
<u>Intel Core2 Duo T5450 @ 1.66GHz</u>			913		2368	NA	NA
<u>Intel Core2 Duo T5470 @ 1.60GHz</u>			908		2372	NA	NA
<u>Intel Core2 Duo T5500 @ 1.66GHz</u>			923		2364	NA	NA
<u>Intel Core2 Duo T5550 @ 1.83GHz</u>			1039		2279	NA	NA
<u>Intel Core2 Duo T5600 @ 1.83GHz</u>			1029		2284	NA	NA
<u>Intel Core2 Duo T5670 @ 1.80GHz</u>			994		2313	NA	NA
<u>Intel Core2 Duo T5750 @ 2.00GHz</u>			1092		2251	<u>109.39</u>	<u>\$9.99*</u>
<u>Intel Core2 Duo T5800 @ 2.00GHz</u>			1114		2234	NA	NA
<u>Intel Core2 Duo T5850 @ 2.16GHz</u>			1203		2190	<u>75.69</u>	<u>\$15.90*</u>
<u>Intel Core2 Duo T5870 @ 2.00GHz</u>			1149		2221	NA	NA
<u>Intel Core2 Duo T5900 @ 2.20GHz</u>			1211		2183	NA	NA

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	Intel Core2 Duo T6400 @ 2.00GHz	1226	2176	81.79	\$14.99*
	Intel Core2 Duo T6500 @ 2.10GHz	1285	2141	85.78	\$14.99*
	Intel Core2 Duo T6570 @ 2.10GHz	1258	2158	32.68	\$38.50*
	Intel Core2 Duo T6600 @ 2.20GHz	1358	2098	71.90	\$18.90*
	Intel Core2 Duo T6670 @ 2.20GHz	1358	2099	NA	NA
	Intel Core2 Duo T7100 @ 1.80GHz	1020	2291	46.39	\$21.99*
	Intel Core2 Duo T7200 @ 2.00GHz	1167	2211	11.68	\$99.95*
	Intel Core2 Duo T7250 @ 2.00GHz	1114	2235	5.53	\$201.48*
	Intel Core2 Duo T7300 @ 2.00GHz	1193	2193	38.53	\$30.99*
	Intel Core2 Duo T7400 @ 2.16GHz	1250	2167	NA	NA
	Intel Core2 Duo T7500 @ 2.20GHz	1271	2152	29.58	\$42.99*
	Intel Core2 Duo T7600 @ 2.33GHz	1378	2087	NA	NA
	Intel Core2 Duo T7700 @ 2.40GHz	1424	2066	10.18	\$139.95*
	Intel Core2 Duo T7800 @ 2.60GHz	1597	1989	2.63	\$607.99*
	Intel Core2 Duo T8100 @ 2.10GHz	1298	2130	1.30	\$999.99*
	Intel Core2 Duo T8300 @ 2.40GHz	1471	2046	13.50	\$108.95*
	Intel Core2 Duo T9300 @ 2.50GHz	1673	1942	28.86	\$57.99*
	Intel Core2 Duo T9400 @ 2.53GHz	1737	1905	38.66	\$44.95*
	Intel Core2 Duo T9500 @ 2.60GHz	1792	1880	NA	NA
	Intel Core2 Duo T9550 @ 2.66GHz	1803	1876	6.03	\$298.95*
	Intel Core2 Duo T9600 @ 2.80GHz	1927	1813	21.43	\$89.95*
	Intel Core2 Duo T9800 @ 2.93GHz	2016	1772	4.76	\$423.89*
	Intel Core2 Duo T9900 @ 3.06GHz	2137	1716	5.36	\$398.95*
	Intel Core2 Duo U7300 @ 1.30GHz	873	2384	NA	NA
	Intel Core2 Duo U7500 @ 1.06GHz	590	2518	NA	NA
	Intel Core2 Duo U7600 @ 1.20GHz	669	2482	NA	NA
	Intel Core2 Duo U7700 @ 1.33GHz	700	2468	NA	NA
	Intel Core2 Duo U9300 @ 1.20GHz	855	2395	NA	NA
	Intel Core2 Duo U9600 @ 1.60GHz	1129	2230	NA	NA
	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	Intel Core2 Duo X7360 @ 2.53GHz	1687	1936	NA	NA
	Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1216	3.25	\$1,125.00*
	Intel Core2 Extreme Q6850 @ 3.00GHz	3632	1218	2.43	\$1,495.95*
	Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1267	NA	NA
	Intel Core2 Extreme X6800 @ 2.93GHz	1875	1841	7.11	\$263.64*
	Intel Core2 Extreme X7800 @ 2.60GHz	1802	1877	NA	NA
	Intel Core2 Extreme X7850 @ 2.80GHz	1331	2111	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	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	<u>Intel Core2 Extreme X7900 @ 2.80GHz</u>	1688	1935	NA	NA
	<u>Intel Core2 Extreme X9000 @ 2.80GHz</u>	1894	1830	<u>4.62</u>	<u>\$409.95*</u>
	<u>Intel Core2 Extreme X9100 @ 3.06GHz</u>	2075	1746	<u>2.44</u>	<u>\$851.00*</u>
	<u>Intel Core2 Extreme X9650 @ 3.00GHz</u>	4157	1104	<u>4.83</u>	<u>\$859.99*</u>
	<u>Intel Core2 Extreme X9750 @ 3.16GHz</u>	4504	1033	NA	NA
	<u>Intel Core2 Extreme X9770 @ 3.20GHz</u>	4614	1006	<u>2.87</u>	<u>\$1,608.95*</u>
	<u>Intel Core2 Extreme X9775 @ 3.20GHz</u>	4646	1000	<u>2.57</u>	<u>\$1,805.95*</u>
	<u>Intel Core2 Quad Q6600 @ 2.40GHz</u>	2947	1423	<u>73.72</u>	<u>\$39.98*</u>
	<u>Intel Core2 Quad Q6700 @ 2.66GHz</u>	3281	1310	<u>72.93</u>	<u>\$44.99*</u>
	<u>Intel Core2 Quad Q8200 @ 2.33GHz</u>	2807	1474	<u>122.14</u>	<u>\$22.99*</u>
	<u>Intel Core2 Quad Q8300 @ 2.50GHz</u>	2980	1410	<u>59.62</u>	<u>\$49.99*</u>
	<u>Intel Core2 Quad Q8400 @ 2.66GHz</u>	3161	1351	<u>13.18</u>	<u>\$239.95*</u>
	<u>Intel Core2 Quad Q9000 @ 2.00GHz</u>	2525	1566	<u>6.49</u>	<u>\$389.00*</u>
	<u>Intel Core2 Quad Q9100 @ 2.26GHz</u>	3242	1322	<u>8.40</u>	<u>\$385.89*</u>
	<u>Intel Core2 Quad Q9300 @ 2.50GHz</u>	3154	1355	<u>15.81</u>	<u>\$199.50*</u>
	<u>Intel Core2 Quad Q9400 @ 2.66GHz</u>	3337	1299	<u>69.49</u>	<u>\$48.03*</u>
	<u>Intel Core2 Quad Q9450 @ 2.66GHz</u>	3757	1189	<u>105.24</u>	<u>\$35.70*</u>
	<u>Intel Core2 Quad Q9500 @ 2.83GHz</u>	3521	1247	<u>100.63</u>	<u>\$34.99*</u>
	<u>Intel Core2 Quad Q9505 @ 2.83GHz</u>	3520	1248	<u>18.53</u>	<u>\$190.00*</u>
	<u>Intel Core2 Quad Q9550 @ 2.83GHz</u>	3962	1139	<u>89.07</u>	<u>\$44.49*</u>
	<u>Intel Core2 Quad Q9650 @ 3.00GHz</u>	4156	1105	<u>38.09</u>	<u>\$109.11</u>
	<u>Intel Core2 Quad Q9705 @ 3.16GHz</u>	3947	1144	NA	NA
	<u>Intel Core2 Solo U2100 @ 1.06GHz</u>	359	2733	NA	NA
	<u>Intel Core2 Solo U2200 @ 1.20GHz</u>	311	2783	NA	NA
	<u>Intel Core2 Solo U3300 @ 1.20GHz</u>	415	2661	NA	NA
	<u>Intel Core2 Solo U3500 @ 1.40GHz</u>	465	2607	NA	NA
	<u>Intel Core 330 @ 1.60GHz</u>	643	2493	NA	NA
	<u>Intel Core 860 @ 2.80GHz</u>	4555	1019	<u>28.65</u>	<u>\$159.00</u>
	<u>Intel Core Duo L2300 @ 1.50GHz</u>	719	2457	NA	NA
	<u>Intel Core Duo L2400 @ 1.66GHz</u>	705	2465	NA	NA
	<u>Intel Core Duo L2500 @ 1.83GHz</u>	747	2444	NA	NA
	<u>Intel Core Duo T2050 @ 1.60GHz</u>	693	2471	NA	NA
	<u>Intel Core Duo T2250 @ 1.73GHz</u>	754	2440	NA	NA
	<u>Intel Core Duo T2300 @ 1.66GHz</u>	727	2452	NA	NA
	<u>Intel Core Duo T2350 @ 1.86GHz</u>	761	2435	NA	NA
	<u>Intel Core Duo T2400 @ 1.83GHz</u>	794	2426	<u>49.63</u>	<u>\$16.00*</u>
	<u>Intel Core Duo T2450 @ 2.00GHz</u>	825	2409	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core Duo T2500 @ 2.00GHz</u>	862	2387	<u>7.19</u>	<u>\$119.99*</u>
<u>Intel Core Duo T2600 @ 2.16GHz</u>	944	2351	NA	NA
<u>Intel Core Duo T2700 @ 2.33GHz</u>	1024	2287	NA	NA
<u>Intel Core Duo U2400 @ 1.06GHz</u>	544	2543	NA	NA
<u>Intel Core Duo U2500 @ 1.20GHz</u>	507	2571	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i3-330E @ 2.13GHz</u>	1935	1807	NA	NA
<u>Intel Core i3-330M @ 2.13GHz</u>	1785	1882	<u>11.16</u>	<u>\$159.95*</u>
<u>Intel Core i3-330UM @ 1.20GHz</u>	1075	2265	NA	NA
<u>Intel Core i3-350M @ 2.27GHz</u>	1891	1832	<u>112.90</u>	<u>\$16.75</u>
<u>Intel Core i3-370M @ 2.40GHz</u>	2014	1774	<u>50.42</u>	<u>\$39.96*</u>
<u>Intel Core i3-380M @ 2.53GHz</u>	2093	1737	<u>34.93</u>	<u>\$59.95</u>
<u>Intel Core i3-380UM @ 1.33GHz</u>	1159	2215	NA	NA
<u>Intel Core i3-390M @ 2.67GHz</u>	2172	1703	<u>55.78</u>	<u>\$38.95*</u>
<u>Intel Core i3-530 @ 2.93GHz</u>	2564	1553	<u>23.75</u>	<u>\$108.00</u>
<u>Intel Core i3-540 @ 3.07GHz</u>	2684	1512	<u>14.13</u>	<u>\$189.95</u>
<u>Intel Core i3-550 @ 3.20GHz</u>	2829	1465	<u>16.10</u>	<u>\$175.74</u>
<u>Intel Core i3-560 @ 3.33GHz</u>	2935	1427	<u>16.31</u>	<u>\$179.95</u>
<u>Intel Core i3-1005G1 @ 1.20GHz</u>	5929	791	<u>21.10</u>	<u>\$281.00*</u>
<u>Intel Core i3-2100 @ 3.10GHz</u>	3692	1208	<u>67.15</u>	<u>\$54.99</u>
<u>Intel Core i3-2100T @ 2.50GHz</u>	2980	1409	<u>49.68</u>	<u>\$59.99*</u>
<u>Intel Core i3-2102 @ 3.10GHz</u>	3736	1196	<u>64.41</u>	<u>\$58.00*</u>
<u>Intel Core i3-2105 @ 3.10GHz</u>	3712	1203	<u>32.29</u>	<u>\$114.99*</u>
<u>Intel Core i3-2120 @ 3.30GHz</u>	3932	1151	<u>78.66</u>	<u>\$49.99</u>
<u>Intel Core i3-2120T @ 2.60GHz</u>	3155	1354	<u>126.28</u>	<u>\$24.99</u>
<u>Intel Core i3-2125 @ 3.30GHz</u>	4015	1127	<u>19.40</u>	<u>\$207.00*</u>
<u>Intel Core i3-2130 @ 3.40GHz</u>	4073	1119	<u>66.79</u>	<u>\$60.99</u>
<u>Intel Core i3-2140 @ 3.50GHz</u>	4325	1071	NA	NA
<u>Intel Core i3-2310E @ 2.10GHz</u>	2839	1460	<u>12.62</u>	<u>\$225.00*</u>
<u>Intel Core i3-2310M @ 2.10GHz</u>	2432	1602	<u>62.68</u>	<u>\$38.81</u>
<u>Intel Core i3-2312M @ 2.10GHz</u>	2374	1625	NA	NA
<u>Intel Core i3-2328M @ 2.20GHz</u>	2544	1560	<u>27.37</u>	<u>\$92.97*</u>
<u>Intel Core i3-2330E @ 2.20GHz</u>	3073	1382	NA	NA
<u>Intel Core i3-2330M @ 2.20GHz</u>	2527	1565	<u>50.60</u>	<u>\$49.95*</u>
<u>Intel Core i3-2332M @ 2.20GHz</u>	2382	1622	NA	NA
<u>Intel Core i3-2340UE @ 1.30GHz</u>	1719	1911	NA	NA
<u>Intel Core i3-2348M @ 2.30GHz</u>	2621	1531	NA	NA

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	Intel Core i3-2350M @ 2.30GHz	2630	1528	82.53	\$31.88
	Intel Core i3-2357M @ 1.30GHz	1556	2004	NA	NA
	Intel Core i3-2365M @ 1.40GHz	1682	1939	NA	NA
	Intel Core i3-2367M @ 1.40GHz	1708	1923	NA	NA
	Intel Core i3-2370M @ 2.40GHz	2777	1483	69.77	\$39.81*
	Intel Core i3-2375M @ 1.50GHz	1773	1886	NA	NA
	Intel Core i3-2377M @ 1.50GHz	1828	1867	NA	NA
	Intel Core i3-3110M @ 2.40GHz	3082	1378	38.55	\$79.95*
	Intel Core i3-3120M @ 2.50GHz	3225	1328	29.32	\$110.00*
	Intel Core i3-3130M @ 2.60GHz	3384	1284	NA	NA
	Intel Core i3-3210 @ 3.20GHz	4044	1122	20.32	\$199.00*
	Intel Core i3-3217U @ 1.80GHz	2303	1649	10.02	\$229.99*
	Intel Core i3-3217UE @ 1.60GHz	2162	1708	NA	NA
	Intel Core i3-3220 @ 3.30GHz	4246	1087	77.22	\$54.99
	Intel Core i3-3220T @ 2.80GHz	3697	1204	29.58	\$125.00
	Intel Core i3-3225 @ 3.30GHz	4346	1064	13.37	\$324.99
	Intel Core i3-3227U @ 1.90GHz	2468	1590	NA	NA
	Intel Core i3-3229Y @ 1.40GHz	1700	1929	NA	NA
	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	Intel Core i3-3240 @ 3.40GHz	4315	1075	86.32	\$50.00
	Intel Core i3-3240T @ 2.90GHz	3666	1214	NA	NA
	Intel Core i3-3245 @ 3.40GHz	4463	1042	25.95	\$172.01
	Intel Core i3-3250 @ 3.50GHz	4460	1043	63.73	\$70.00
	Intel Core i3-3250T @ 3.00GHz	3614	1221	NA	NA
	Intel Core i3-4000M @ 2.40GHz	3257	1316	16.29	\$199.95*
	Intel Core i3-4005U @ 1.70GHz	2446	1599	NA	NA
	Intel Core i3-4010U @ 1.70GHz	2443	1600	16.29	\$149.99
	Intel Core i3-4010Y @ 1.30GHz	1900	1827	NA	NA
	Intel Core i3-4012Y @ 1.50GHz	2157	1712	NA	NA
	Intel Core i3-4020Y @ 1.50GHz	2213	1692	NA	NA
	Intel Core i3-4025U @ 1.90GHz	2789	1480	NA	NA
	Intel Core i3-4030U @ 1.90GHz	2717	1503	NA	NA
	Intel Core i3-4030Y @ 1.60GHz	2507	1576	NA	NA
	Intel Core i3-4100M @ 2.50GHz	3432	1272	15.71	\$218.57*
	Intel Core i3-4110M @ 2.60GHz	3854	1161	NA	NA
	Intel Core i3-4110U @ 1.90GHz	2902	1444	NA	NA
	Intel Core i3-4120U @ 2.00GHz	3050	1390	NA	NA

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Passmark CPU Mark (higher is better)	RAM	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
			mark	PC Systems	Android	iOS / iPhone	
Intel Core i3-4130 @ 3.40GHz			4804		971	53.39	\$89.99
Intel Core i3-4130T @ 2.90GHz			4151		1106	46.65	\$88.99*
Intel Core i3-4150 @ 3.50GHz			4901		953	49.51	\$99.00
Intel Core i3-4150T @ 3.00GHz			4227		1089	18.39	\$229.95*
Intel Core i3-4158U @ 2.00GHz			2914		1435	NA	NA
Intel Core i3-4160 @ 3.60GHz			5048		922	56.10	\$89.99
Intel Core i3-4160T @ 3.10GHz			4465		1041	29.77	\$149.99*
Intel Core i3-4170 @ 3.70GHz			5192		896	19.46	\$266.79
Intel Core i3-4170T @ 3.20GHz			4489		1035	21.38	\$209.95*
Intel Core i3-4330 @ 3.50GHz			5087		910	46.67	\$109.00
Intel Core i3-4330T @ 3.00GHz			4485		1038	NA	NA
Intel Core i3-4330TE @ 2.40GHz			3201		1332	NA	NA
Intel Core i3-4340 @ 3.60GHz			5245		887	30.86	\$169.99*
Intel Core i3-4350 @ 3.60GHz			4990		935	29.36	\$169.99*
Intel Core i3-4350T @ 3.10GHz			4302		1078	NA	NA
Intel Core i3-4360 @ 3.70GHz			5446		857	21.03	\$259.00*
Intel Core i3-4360T @ 3.20GHz			4636		1001	NA	NA
Intel Core i3-4370 @ 3.80GHz			5617		827	18.18	\$309.00*
Intel Core i3-4370T @ 3.30GHz			4870		958	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz			4934		946	NA	NA
Intel Core i3-5005U @ 2.00GHz			2903		1442	NA	NA
Intel Core i3-5010U @ 2.10GHz			3058		1387	9.06	\$337.76*
Intel Core i3-5015U @ 2.10GHz			2973		1413	NA	NA
Intel Core i3-5020U @ 2.20GHz			3198		1335	6.97	\$459.00*
Intel Core i3-5157U @ 2.50GHz			3670		1213	NA	NA
Intel Core i3-6006U @ 2.00GHz			3077		1381	NA	NA
Intel Core i3-6098P @ 3.60GHz			5387		865	40.28	\$133.74*
Intel Core i3-6100 @ 3.70GHz			5484		847	42.51	\$129.00
Intel Core i3-6100E @ 2.70GHz			3769		1182	NA	NA
Intel Core i3-6100H @ 2.70GHz			4188		1096	NA	NA
Intel Core i3-6100T @ 3.20GHz			4856		964	35.97	\$134.99*
CPU Name			Passmark CPU Mark (higher is better)		Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-6100TE @ 2.70GHz			4315		1076	NA	NA
Intel Core i3-6100U @ 2.30GHz			3606		1224	7.00	\$515.00*
Intel Core i3-6102E @ 1.90GHz			3196		1337	14.20	\$225.00*
Intel Core i3-6157U @ 2.40GHz			3826		1171	NA	NA
Intel Core i3-6300 @ 3.80GHz			5843		801	36.75	\$158.99*

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
	Intel Core i3-6300T @ 3.30GHz	5247	886	33.86	\$154.99*
	Intel Core i3-6320 @ 3.90GHz	6046	782	14.93	\$405.00
	Intel Core i3-7020U @ 2.30GHz	3514	1252	12.51	\$281.00*
	Intel Core i3-7100 @ 3.90GHz	5779	806	48.16	\$120.00
	Intel Core i3-7100H @ 3.00GHz	4627	1005	20.57	\$225.00*
	Intel Core i3-7100T @ 3.40GHz	5049	921	34.77	\$145.20
	Intel Core i3-7100U @ 2.40GHz	3763	1187	9.18	\$409.99
	Intel Core i3-7101TE @ 3.40GHz	5189	897	44.36	\$117.00*
	Intel Core i3-7102E @ 2.10GHz	3266	1313	14.52	\$225.00*
	Intel Core i3-7130U @ 2.70GHz	4062	1120	8.83	\$459.99*
	Intel Core i3-7167U @ 2.80GHz	4757	979	NA	NA
	Intel Core i3-7300 @ 4.00GHz	6328	749	36.83	\$171.84*
	Intel Core i3-7300T @ 3.50GHz	5369	869	29.57	\$181.59*
	Intel Core i3-7320 @ 4.10GHz	6417	741	35.12	\$182.72*
	Intel Core i3-7350K @ 4.20GHz	6593	724	33.90	\$194.50
	Intel Core i3-8100 @ 3.60GHz	8007	578	61.60	\$129.99
	Intel Core i3-8100B @ 3.60GHz	8544	526	64.24	\$133.00*
	Intel Core i3-8100T @ 3.10GHz	7314	652	56.70	\$129.00*
	Intel Core i3-8109U @ 3.00GHz	6120	769	NA	NA
	Intel Core i3-8121U @ 2.20GHz	4802	972	NA	NA
	Intel Core i3-8130U @ 2.20GHz	5017	930	17.86	\$281.00*
	Intel Core i3-8145U @ 2.10GHz	5514	845	19.62	\$281.00*
	Intel Core i3-8300 @ 3.70GHz	8700	511	36.94	\$235.52
	Intel Core i3-8300T @ 3.20GHz	8032	574	47.11	\$170.49*
	Intel Core i3-8350K @ 4.00GHz	9245	450	49.98	\$184.99*
	Intel Core i3-9100 @ 3.60GHz	8987	478	59.00	\$152.35
	Intel Core i3-9100F @ 3.60GHz	8943	490	92.94	\$96.22
	Intel Core i3-9100T @ 3.10GHz	7673	619	62.90	\$122.00*
	Intel Core i3-9300 @ 3.70GHz	10018	370	65.91	\$152.00*
	Intel Core i3-9300T @ 3.20GHz	8777	504	61.38	\$143.00*
	Intel Core i3-9320 @ 3.70GHz	10144	360	62.62	\$162.00*
	Intel Core i3-9350KF @ 4.00GHz	10526	337	54.26	\$194.00
	Intel Core i3-10110U @ 2.10GHz	5930	790	NA	NA
	Intel Core i3-21050 @ 3.10GHz	3862	1160	NA	NA
	Intel Core i5 750S @ 2.40GHz	2197	1699	21.97	\$99.99*
	Intel Core i5 E 520 @ 2.40GHz	2486	1586	NA	NA
	Intel Core i5-7Y54 @ 1.20GHz	3542	1240	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7Y57 @ 1.20GHz	3676	1211	NA	NA
Intel Core i5-430M @ 2.27GHz	2094	1736	14.96	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	2107	NA	NA
Intel Core i5-450M @ 2.40GHz	2133	1720	66.76	\$31.95*
Intel Core i5-460M @ 2.53GHz	2320	1638	30.96	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1079	2263	NA	NA
Intel Core i5-480M @ 2.67GHz	2400	1614	29.78	\$80.60*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-520 @ 2.40GHz	2244	1679	NA	NA
Intel Core i5-520M @ 2.40GHz	2367	1627	79.40	\$29.81
Intel Core i5-520UM @ 1.07GHz	1348	2102	NA	NA
Intel Core i5-540M @ 2.53GHz	2452	1596	36.07	\$68.00
Intel Core i5-540UM @ 1.20GHz	1375	2088	NA	NA
Intel Core i5-560M @ 2.67GHz	2579	1545	31.47	\$81.97*
Intel Core i5-560UM @ 1.33GHz	1664	1953	NA	NA
Intel Core i5-580M @ 2.67GHz	2582	1543	23.49	\$109.95*
Intel Core i5-650 @ 3.20GHz	3096	1374	86.03	\$35.99
Intel Core i5-655K @ 3.20GHz	3386	1283	56.45	\$59.99*
Intel Core i5-660 @ 3.33GHz	3246	1320	9.02	\$359.95
Intel Core i5-661 @ 3.33GHz	3192	1338	13.88	\$229.99*
Intel Core i5-670 @ 3.47GHz	3309	1304	11.86	\$279.00*
Intel Core i5-680 @ 3.60GHz	3513	1253	39.04	\$89.99*
Intel Core i5-750 @ 2.67GHz	3720	1198	92.56	\$40.19
Intel Core i5-760 @ 2.80GHz	3936	1150	18.83	\$209.00*
Intel Core i5-1035G1 @ 1.00GHz	9136	460	30.76	\$297.00*
Intel Core i5-1035G4 @ 1.10GHz	9114	464	29.50	\$309.00*
Intel Core i5-1035G7 @ 1.20GHz	9456	429	29.55	\$320.00*
Intel Core i5-2300 @ 2.80GHz	5362	871	67.04	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5535	843	29.71	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5774	809	62.09	\$93.00
Intel Core i5-2380P @ 3.10GHz	5762	812	32.01	\$180.00
Intel Core i5-2390T @ 2.70GHz	4223	1091	42.27	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5972	784	112.80	\$52.95
Intel Core i5-2400S @ 2.50GHz	4989	936	56.07	\$89.00
Intel Core i5-2405S @ 2.50GHz	5082	913	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3171	1345	44.05	\$72.00*
Intel Core i5-2415M @ 2.30GHz	3303	1306	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
Intel Core i5-2430M @ 2.40GHz			3286		1309		36.92		\$89.02*	
Intel Core i5-2435M @ 2.40GHz			3232		1323		NA		NA	
Intel Core i5-2450M @ 2.50GHz			3401		1276		40.49		\$84.02*	
Intel Core i5-2450P @ 3.20GHz			6149		765		68.34		\$89.99*	
Intel Core i5-2467M @ 1.60GHz			2317		1640		NA		NA	
Intel Core i5-2500 @ 3.30GHz			6353		746		100.29		\$63.35	
Intel Core i5-2500K @ 3.30GHz			6488		733		14.94		\$434.26*	
Intel Core i5-2500S @ 2.70GHz			5386		866		71.84		\$74.99*	
Intel Core i5-2500T @ 2.30GHz			4647		999		51.64		\$89.99*	
Intel Core i5-2510E @ 2.50GHz			3483		1259		NA		NA	
Intel Core i5-2515E @ 2.50GHz			3313		1303		NA		NA	
Intel Core i5-2520M @ 2.50GHz			3593		1228		21.19		\$169.60*	
Intel Core i5-2537M @ 1.40GHz			2064		1751		NA		NA	
Intel Core i5-2540M @ 2.60GHz			3780		1180		65.16		\$58.02	
Intel Core i5-2550K @ 3.40GHz			6672		717		35.12		\$190.00*	
Intel Core i5-2557M @ 1.70GHz			2694		1510		NA		NA	
Intel Core i5-2560M @ 2.70GHz			3752		1190		NA		NA	
Intel Core i5-3210M @ 2.50GHz			3828		1169		56.10		\$68.24*	
Intel Core i5-3230M @ 2.60GHz			3944		1148		18.14		\$217.42	
Intel Core i5-3317U @ 1.70GHz			3091		1375		13.74		\$225.00*	
CPU Name			Passmark CPU Mark (higher is better)		Rank (lower is better)		CPU Value (higher is better)		Price (USD)	
Intel Core i5-3320M @ 2.60GHz			4132		1109		59.20		\$69.81*	
Intel Core i5-3330 @ 3.00GHz			5953		788		29.77		\$200.00*	
Intel Core i5-3330S @ 2.70GHz			5678		820		59.78		\$94.99*	
Intel Core i5-3335S @ 2.70GHz			5788		805		NA		NA	
Intel Core i5-3337U @ 1.80GHz			3228		1327		14.35		\$225.00*	
Intel Core i5-3339Y @ 1.50GHz			2215		1690		NA		NA	
Intel Core i5-3340 @ 3.10GHz			6102		773		20.83		\$293.01*	
Intel Core i5-3340M @ 2.70GHz			4249		1086		53.15		\$79.95*	
Intel Core i5-3340S @ 2.80GHz			5846		800		38.98		\$149.99*	
Intel Core i5-3350P @ 3.10GHz			6154		764		41.03		\$149.99*	
Intel Core i5-3360M @ 2.80GHz			4440		1049		47.84		\$92.81*	
Intel Core i5-3380M @ 2.90GHz			4452		1045		NA		NA	
Intel Core i5-3427U @ 1.80GHz			3548		1238		8.45		\$420.05*	
Intel Core i5-3437U @ 1.90GHz			3626		1219		NA		NA	
Intel Core i5-3439Y @ 1.50GHz			2930		1429		NA		NA	
Intel Core i5-3450 @ 3.10GHz			6537		730		29.81		\$219.33*	

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	Intel Core i5-3450S @ 2.80GHz	6229	755	42.96	\$145.01
	Intel Core i5-3470 @ 3.20GHz	6725	711	103.54	\$64.95
	Intel Core i5-3470S @ 2.90GHz	6397	743	71.88	\$89.00
	Intel Core i5-3470T @ 2.90GHz	4489	1036	14.53	\$308.95
	Intel Core i5-3475S @ 2.90GHz	6617	723	46.12	\$143.50*
	Intel Core i5-3550 @ 3.30GHz	6965	685	69.66	\$99.99*
	Intel Core i5-3550S @ 3.00GHz	6916	692	22.87	\$302.45
	Intel Core i5-3570 @ 3.40GHz	7142	668	89.29	\$79.99
	Intel Core i5-3570K @ 3.40GHz	7186	665	22.12	\$324.88
	Intel Core i5-3570S @ 3.10GHz	6739	708	23.65	\$285.00*
	Intel Core i5-3570T @ 2.30GHz	5914	792	NA	NA
	Intel Core i5-3610ME @ 2.70GHz	3929	1152	NA	NA
	Intel Core i5-4200H @ 2.80GHz	4460	1044	NA	NA
	Intel Core i5-4200M @ 2.50GHz	4036	1123	49.77	\$81.12*
	Intel Core i5-4200U @ 1.60GHz	3281	1311	NA	NA
	Intel Core i5-4200Y @ 1.40GHz	2407	1611	NA	NA
	Intel Core i5-4202Y @ 1.60GHz	2262	1669	NA	NA
	Intel Core i5-4210H @ 2.90GHz	4532	1027	NA	NA
	Intel Core i5-4210M @ 2.60GHz	4209	1094	13.58	\$309.95*
	Intel Core i5-4210U @ 1.70GHz	3403	1275	NA	NA
	Intel Core i5-4210Y @ 1.50GHz	2375	1624	NA	NA
	Intel Core i5-4220Y @ 1.60GHz	2307	1647	NA	NA
	Intel Core i5-4230U @ 1.90GHz	2902	1443	NA	NA
	Intel Core i5-4250U @ 1.30GHz	3376	1286	9.41	\$359.00*
	Intel Core i5-4258U @ 2.40GHz	4090	1116	NA	NA
	Intel Core i5-4260U @ 1.40GHz	3580	1234	NA	NA
	Intel Core i5-4278U @ 2.60GHz	4371	1060	NA	NA
	Intel Core i5-4288U @ 2.60GHz	4303	1077	NA	NA
	Intel Core i5-4300M @ 2.60GHz	4446	1048	NA	NA
	Intel Core i5-4300U @ 1.90GHz	3740	1194	NA	NA
	Intel Core i5-4300Y @ 1.60GHz	2502	1578	NA	NA
	Intel Core i5-4302Y @ 1.60GHz	2971	1414	NA	NA
	Intel Core i5-4308U @ 2.80GHz	4219	1092	NA	NA
	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	Intel Core i5-4310M @ 2.70GHz	4654	997	NA	NA
	Intel Core i5-4310U @ 2.00GHz	3783	1179	NA	NA
	Intel Core i5-4330M @ 2.80GHz	4551	1022	16.55	\$274.99*

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
	Intel Core i5-4340M @ 2.90GHz	4861	962	NA	NA
	Intel Core i5-4350U @ 1.40GHz	3610	1222	NA	NA
	Intel Core i5-4400E @ 2.70GHz	4548	1024	17.10	\$266.00*
	Intel Core i5-4402E @ 1.60GHz	3947	1145	NA	NA
	Intel Core i5-4422E @ 1.80GHz	2806	1475	10.55	\$266.00*
	Intel Core i5-4430 @ 3.00GHz	6339	747	39.63	\$159.99*
	Intel Core i5-4430S @ 2.70GHz	5956	787	37.23	\$159.99*
	Intel Core i5-4440 @ 3.10GHz	6519	731	13.12	\$497.00*
	Intel Core i5-4440S @ 2.80GHz	6256	752	13.51	\$462.97*
	Intel Core i5-4460 @ 3.20GHz	6724	712	32.47	\$207.12
	Intel Core i5-4460S @ 2.90GHz	6430	738	9.74	\$659.99*
	Intel Core i5-4460T @ 1.90GHz	4971	940	NA	NA
	Intel Core i5-4570 @ 3.20GHz	7155	667	103.70	\$69.00
	Intel Core i5-4570R @ 2.70GHz	6768	702	NA	NA
	Intel Core i5-4570S @ 2.90GHz	6835	697	48.83	\$139.99
	Intel Core i5-4570T @ 2.90GHz	4818	969	22.95	\$209.95
	Intel Core i5-4570TE @ 2.70GHz	3827	1170	19.14	\$199.99*
	Intel Core i5-4590 @ 3.30GHz	7342	650	61.19	\$119.99
	Intel Core i5-4590S @ 3.00GHz	7075	674	33.52	\$211.07
	Intel Core i5-4590T @ 2.00GHz	5627	825	26.80	\$209.95*
	Intel Core i5-4670 @ 3.40GHz	7474	636	19.67	\$379.95
	Intel Core i5-4670K @ 3.40GHz	7635	624	25.46	\$299.95
	Intel Core i5-4670K CPT @ 3.40GHz	7411	646	NA	NA
	Intel Core i5-4670R @ 3.00GHz	7419	643	26.88	\$276.00*
	Intel Core i5-4670S @ 3.10GHz	7407	647	34.78	\$213.00*
	Intel Core i5-4670T @ 2.30GHz	6155	763	23.76	\$259.02*
	Intel Core i5-4690 @ 3.50GHz	7690	616	32.05	\$239.99
	Intel Core i5-4690K @ 3.50GHz	7799	603	49.05	\$159.00
	Intel Core i5-4690S @ 3.20GHz	7431	640	20.69	\$359.21*
	Intel Core i5-4690T @ 2.50GHz	6547	728	NA	NA
	Intel Core i5-5200U @ 2.20GHz	3496	1257	12.44	\$281.00*
	Intel Core i5-5250U @ 1.60GHz	3590	1231	8.13	\$441.89*
	Intel Core i5-5257U @ 2.70GHz	4411	1054	NA	NA
	Intel Core i5-5287U @ 2.90GHz	4700	990	NA	NA
	Intel Core i5-5300U @ 2.30GHz	3840	1166	7.07	\$543.39*
	Intel Core i5-5350U @ 1.80GHz	3520	1249	NA	NA
	Intel Core i5-5575R @ 2.80GHz	7484	634	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-5675C @ 3.10GHz	8135	563	26.25	\$309.95*
Intel Core i5-5675R @ 3.10GHz	7991	581	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4149	1107	NA	NA
Intel Core i5-6200U @ 2.30GHz	4009	1128	NA	NA
Intel Core i5-6260U @ 1.80GHz	4360	1063	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4888	954	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	981	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6097	776	NA	NA
Intel Core i5-6300U @ 2.40GHz	4365	1061	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6360U @ 2.00GHz	4686	993	NA	NA
Intel Core i5-6400 @ 2.70GHz	6754	705	29.52	\$228.83*
Intel Core i5-6400T @ 2.20GHz	5616	828	21.61	\$259.95*
Intel Core i5-6402P @ 2.80GHz	7102	670	37.38	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	756	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6807	699	NA	NA
Intel Core i5-6500 @ 3.20GHz	7248	658	45.05	\$160.89
Intel Core i5-6500T @ 2.50GHz	6302	750	43.47	\$144.99*
Intel Core i5-6500TE @ 2.30GHz	6580	726	31.34	\$209.99
Intel Core i5-6600 @ 3.30GHz	7776	606	29.67	\$262.13*
Intel Core i5-6600K @ 3.50GHz	8059	569	30.63	\$263.11*
Intel Core i5-6600T @ 2.70GHz	7273	655	24.25	\$299.95*
Intel Core i5-7200U @ 2.50GHz	4563	1018	16.24	\$281.00*
Intel Core i5-7260U @ 2.20GHz	5637	823	10.11	\$557.79
Intel Core i5-7267U @ 3.10GHz	4999	933	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	822	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6715	713	NA	NA
Intel Core i5-7300U @ 2.60GHz	5161	901	10.98	\$469.99
Intel Core i5-7360U @ 2.30GHz	5855	797	NA	NA
Intel Core i5-7400 @ 3.00GHz	7233	660	35.28	\$205.04
Intel Core i5-7400T @ 2.40GHz	6333	748	29.43	\$215.22
Intel Core i5-7440HQ @ 2.80GHz	7641	622	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	5901	794	23.60	\$250.00*
Intel Core i5-7500 @ 3.40GHz	7938	588	39.70	\$199.98
Intel Core i5-7500T @ 2.70GHz	6933	689	23.59	\$293.98
Intel Core i5-7600 @ 3.50GHz	8624	519	36.01	\$239.50
Intel Core i5-7600K @ 3.80GHz	9048	473	40.23	\$224.95

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)		
Intel Core i5-7600T @ 2.80GHz	7983	584	31.22	\$255.70		
Intel Core i5-7640X @ 4.00GHz	9461	426	52.68	\$179.60		
Intel Core i5-8200Y @ 1.30GHz	4339	1067	14.91	\$291.00*		
Intel Core i5-8210Y @ 1.60GHz	4227	1090	NA	NA		
Intel Core i5-8250U @ 1.60GHz	7650	621	NA	NA		
Intel Core i5-8259U @ 2.30GHz	10995	306	8.19	\$1,342.61*		
Intel Core i5-8265U @ 1.60GHz	8012	576	26.98	\$297.00*		
Intel Core i5-8265UC @ 1.60GHz	7780	605	NA	NA		
Intel Core i5-8279U @ 2.40GHz	10623	329	33.20	\$320.00*		
Intel Core i5-8300H @ 2.30GHz	9472	424	37.89	\$250.00*		
Intel Core i5-8305G @ 2.80GHz	8947	489	NA	NA		
Intel Core i5-8350U @ 1.70GHz	8138	562	27.40	\$297.00*		
Intel Core i5-8365U @ 1.60GHz	8390	540	28.25	\$297.00*		
Intel Core i5-8365UE @ 1.60GHz	8010	577	26.97	\$297.00*		
Intel Core i5-8400 @ 2.80GHz	11572	287	57.86	\$199.99		
Intel Core i5-8400H @ 2.50GHz	10394	342	41.58	\$250.00*		
Intel Core i5-8400T @ 1.70GHz	9532	420	50.44	\$189.00		
Intel Core i5-8500 @ 3.00GHz	11799	281	51.53	\$229.00		
Intel Core i5-8500B @ 3.00GHz	12756	251	66.44	\$192.00*		
Intel Core i5-8500T @ 2.10GHz	9971	380	42.55	\$234.36*		
Intel Core i5-8600 @ 3.10GHz	12480	260	29.30	\$425.99		
Intel Core i5-8600K @ 3.60GHz	12683	255	48.99	\$258.89		
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)		
Intel Core i5-8600T @ 2.30GHz	10981	308	29.92	\$366.99*		
Intel Core i5-9300H @ 2.40GHz	9810	395	39.24	\$250.00*		
Intel Core i5-9400 @ 2.90GHz	11970	279	58.14	\$205.88		
Intel Core i5-9400F @ 2.90GHz	12105	275	83.49	\$144.99		
Intel Core i5-9400H @ 2.50GHz	11435	288	45.74	\$250.00*		
Intel Core i5-9400T @ 1.80GHz	9976	379	54.82	\$182.00*		
Intel Core i5-9500 @ 3.00GHz	12435	261	49.71	\$250.18		
Intel Core i5-9500F @ 3.00GHz	13097	240	64.84	\$202.00*		
Intel Core i5-9500T @ 2.20GHz	10557	334	54.98	\$192.00*		
Intel Core i5-9600 @ 3.10GHz	13931	207	62.19	\$224.00*		
Intel Core i5-9600K @ 3.70GHz	13476	228	61.27	\$219.95		
Intel Core i5-9600KF @ 3.70GHz	13562	223	66.16	\$204.99		
Intel Core i5-10210U @ 1.60GHz	8814	501	29.68	\$297.00*		
Intel Core i5-24050S @ 2.50GHz	4928	948	NA	NA		

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Passmark CPU Mark (higher is better)	RAM	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
			marks	PC Systems	Android	iOS / iPhone	
Intel Core i7-7Y75 @ 1.30GHz			3738		1195	NA	NA
Intel Core i7-610 @ 2.53GHz			1969		1791	NA	NA
Intel Core i7-610E @ 2.53GHz			2544		1559	NA	NA
Intel Core i7-620LM @ 2.00GHz			1954		1799	NA	NA
Intel Core i7-620M @ 2.67GHz			2717		1504	24.70	\$110.01
Intel Core i7-620UM @ 1.07GHz			1323		2116	NA	NA
Intel Core i7-640LM @ 2.13GHz			2245		1678	NA	NA
Intel Core i7-640M @ 2.80GHz			2827		1466	14.14	\$199.95
Intel Core i7-640UM @ 1.20GHz			1638		1966	NA	NA
Intel Core i7-660UM @ 1.33GHz			1745		1900	NA	NA
Intel Core i7-680UM @ 1.47GHz			1710		1919	NA	NA
Intel Core i7-720QM @ 1.60GHz			3008		1400	27.37	\$109.95*
Intel Core i7-740QM @ 1.73GHz			3191		1339	19.95	\$159.95*
Intel Core i7-820QM @ 1.73GHz			3219		1331	13.42	\$239.95*
Intel Core i7-840QM @ 1.87GHz			3411		1274	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz			5023		928	17.33	\$289.95*
Intel Core i7-860S @ 2.53GHz			4919		949	24.60	\$199.99*
Intel Core i7-870 @ 2.93GHz			5339		874	56.00	\$95.35
Intel Core i7-870S @ 2.67GHz			4849		966	NA	NA
Intel Core i7-875K @ 2.93GHz			5421		858	16.90	\$320.76*
Intel Core i7-880 @ 3.07GHz			5505		846	9.44	\$583.00*
Intel Core i7-920 @ 2.67GHz			4913		951	119.84	\$41.00
Intel Core i7-920XM @ 2.00GHz			3724		1197	9.31	\$399.95*
Intel Core i7-930 @ 2.80GHz			5132		905	50.82	\$101.00
Intel Core i7-940 @ 2.93GHz			5332		875	51.27	\$103.99*
Intel Core i7-940XM @ 2.13GHz			3973		1135	NA	NA
Intel Core i7-950 @ 3.07GHz			5539		842	138.53	\$39.99
Intel Core i7-960 @ 3.20GHz			5796		804	20.70	\$280.00
Intel Core i7-965 @ 3.20GHz			5850		799	41.79	\$139.99*
Intel Core i7-970 @ 3.20GHz			8360		544	16.72	\$499.95*
Intel Core i7-975 @ 3.33GHz			6114		770	14.92	\$409.92
Intel Core i7-980 @ 3.33GHz			8578		524	42.90	\$199.98*
Intel Core i7-980X @ 3.33GHz			8748		510	7.88	\$1,109.95
Intel Core i7-985 @ 3.47GHz			6641		720	NA	NA
Intel Core i7-990X @ 3.47GHz			9055		472	25.87	\$349.99*
CPU Name			Passmark CPU Mark (higher is better)		Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-995X @ 3.60GHz			9791		396	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	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	Intel Core i7-1065G7 @ 1.30GHz	10837	320	NA	NA
	Intel Core i7-2600 @ 3.40GHz	8185	559	70.45	\$116.20
	Intel Core i7-2600K @ 3.40GHz	8434	536	57.61	\$146.41
	Intel Core i7-2600S @ 2.80GHz	7092	671	67.47	\$105.12
	Intel Core i7-2610UE @ 1.50GHz	2481	1588	NA	NA
	Intel Core i7-2617M @ 1.50GHz	2812	1471	NA	NA
	Intel Core i7-2620M @ 2.70GHz	3841	1165	22.62	\$169.81*
	Intel Core i7-2630QM @ 2.00GHz	5521	844	53.71	\$102.81
	Intel Core i7-2630UM @ 1.60GHz	2584	1542	NA	NA
	Intel Core i7-2635QM @ 2.00GHz	5478	849	NA	NA
	Intel Core i7-2637M @ 1.70GHz	2900	1445	NA	NA
	Intel Core i7-2640M @ 2.80GHz	3925	1153	32.73	\$119.95
	Intel Core i7-2655LE @ 2.20GHz	3229	1325	NA	NA
	Intel Core i7-2670QM @ 2.20GHz	5877	795	42.47	\$138.40*
	Intel Core i7-2675QM @ 2.20GHz	5546	841	NA	NA
	Intel Core i7-2677M @ 1.80GHz	2833	1463	NA	NA
	Intel Core i7-2700K @ 3.50GHz	8689	514	28.96	\$300.00
	Intel Core i7-2710QE @ 2.10GHz	5768	811	NA	NA
	Intel Core i7-2715QE @ 2.10GHz	5365	870	NA	NA
	Intel Core i7-2720QM @ 2.20GHz	6100	774	19.74	\$309.00
	Intel Core i7-2760QM @ 2.40GHz	6554	727	31.22	\$209.95*
	Intel Core i7-2820QM @ 2.30GHz	6643	719	34.78	\$191.02*
	Intel Core i7-2840QM @ 2.40GHz	6766	703	NA	NA
	Intel Core i7-2860QM @ 2.50GHz	6949	687	12.85	\$541.00*
	Intel Core i7-2920XM @ 2.50GHz	6998	679	15.89	\$440.44*
	Intel Core i7-2960XM @ 2.70GHz	7224	662	17.62	\$409.95*
	Intel Core i7-3517U @ 1.90GHz	3542	1239	NA	NA
	Intel Core i7-3517UE @ 1.70GHz	3150	1357	NA	NA
	Intel Core i7-3520M @ 2.90GHz	4547	1025	34.45	\$132.02*
	Intel Core i7-3537U @ 2.00GHz	3809	1176	NA	NA
	Intel Core i7-3540M @ 3.00GHz	4668	994	10.86	\$429.95*
	Intel Core i7-3555LE @ 2.50GHz	3966	1137	NA	NA
	Intel Core i7-3610QE @ 2.30GHz	6544	729	NA	NA
	Intel Core i7-3610QM @ 2.30GHz	7458	638	18.65	\$399.99*
	Intel Core i7-3612QE @ 2.10GHz	6712	714	NA	NA
	Intel Core i7-3612QM @ 2.10GHz	6818	698	NA	NA
	Intel Core i7-3615QE @ 2.30GHz	7458	637	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3615QM @ 2.30GHz	7389	648	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7581	626	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6927	690	30.92	\$224.05
Intel Core i7-3635QM @ 2.40GHz	6677	716	NA	NA
Intel Core i7-3667U @ 2.00GHz	3973	1136	NA	NA
Intel Core i7-3687U @ 2.10GHz	4136	1108	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1329	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8122	565	22.38	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	8307	549	34.62	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9278	447	78.64	\$117.99
Intel Core i7-3770K @ 3.50GHz	9514	421	45.53	\$209.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3770S @ 3.10GHz	8901	495	65.87	\$135.13
Intel Core i7-3770T @ 2.50GHz	8204	556	24.86	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8987	479	22.47	\$399.99*
Intel Core i7-3820QM @ 2.70GHz	8404	539	29.49	\$285.00*
Intel Core i7-3840QM @ 2.80GHz	8762	508	30.32	\$289.05*
Intel Core i7-3920XM @ 2.90GHz	8981	481	8.19	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11975	278	52.07	\$229.99*
Intel Core i7-3940XM @ 3.00GHz	9160	457	17.00	\$539.00
Intel Core i7-3960X @ 3.30GHz	12571	258	13.82	\$909.99*
Intel Core i7-3970X @ 3.50GHz	12695	254	24.90	\$509.94*
Intel Core i7-4500U @ 1.80GHz	3787	1178	NA	NA
Intel Core i7-4510U @ 2.00GHz	3916	1156	NA	NA
Intel Core i7-4550U @ 1.50GHz	3676	1212	NA	NA
Intel Core i7-4558U @ 2.80GHz	4401	1055	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	1069	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	976	NA	NA
Intel Core i7-4600M @ 2.90GHz	4902	952	NA	NA
Intel Core i7-4600U @ 2.10GHz	4104	1114	NA	NA
Intel Core i7-4610M @ 3.00GHz	4915	950	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1193	NA	NA
Intel Core i7-4650U @ 1.70GHz	3950	1143	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7203	663	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7733	612	20.19	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7690	617	40.69	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7416	644	NA	NA

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Passmark CPU Mark (higher is better)	RAM	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
			marks	PC Systems	Android	iOS / iPhone	
Intel Core i7-4702MQ @ 2.20GHz			7132		669	32.65	\$218.45
Intel Core i7-4710HQ @ 2.50GHz			7722		614	20.43	\$378.00*
Intel Core i7-4710MQ @ 2.50GHz			7982		585	29.40	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz			7532		630	NA	NA
Intel Core i7-4712MQ @ 2.30GHz			7203		664	NA	NA
Intel Core i7-4720HQ @ 2.60GHz			7990		582	NA	NA
Intel Core i7-4722HQ @ 2.40GHz			8093		567	NA	NA
Intel Core i7-4750HQ @ 2.00GHz			8202		557	NA	NA
Intel Core i7-4760HQ @ 2.10GHz			8793		503	NA	NA
Intel Core i7-4765T @ 2.00GHz			7305		653	18.26	\$399.99*
Intel Core i7-4770 @ 3.40GHz			9781		399	63.52	\$154.00
Intel Core i7-4770HQ @ 2.20GHz			8961		483	NA	NA
Intel Core i7-4770K @ 3.50GHz			10076		367	24.58	\$409.99
Intel Core i7-4770R @ 3.20GHz			9830		393	NA	NA
Intel Core i7-4770S @ 3.10GHz			9347		438	15.32	\$610.00
Intel Core i7-4770T @ 2.50GHz			8601		522	21.51	\$399.99*
Intel Core i7-4770TE @ 2.30GHz			6732		710	NA	NA
Intel Core i7-4771 @ 3.50GHz			9862		389	16.17	\$609.99*
Intel Core i7-4785T @ 2.20GHz			7639		623	NA	NA
Intel Core i7-4790 @ 3.60GHz			9989		376	57.75	\$172.98
Intel Core i7-4790K @ 4.00GHz			11164		298	39.88	\$279.99
Intel Core i7-4790S @ 3.20GHz			9557		417	35.53	\$269.00*
Intel Core i7-4790T @ 2.70GHz			9068		468	25.19	\$359.99
Intel Core i7-4800MQ @ 2.70GHz			8443		533	41.39	\$204.00*
CPU Name			Passmark CPU Mark (higher is better)		Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4810MQ @ 2.80GHz			8650		517	45.54	\$189.95*
Intel Core i7-4820K @ 3.70GHz			9719		406	44.18	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz			9056		471	20.87	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz			7900		592	NA	NA
Intel Core i7-4860HQ @ 2.40GHz			9289		446	NA	NA
Intel Core i7-4870HQ @ 2.50GHz			9349		437	NA	NA
Intel Core i7-4900MQ @ 2.80GHz			8986		480	15.32	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz			9346		439	20.32	\$459.95*
Intel Core i7-4930K @ 3.40GHz			13023		242	27.39	\$475.50*
Intel Core i7-4930MX @ 3.00GHz			9444		431	8.62	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz			9776		401	13.77	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz			9856		391	15.82	\$623.00*

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
	Intel Core i7-4960X @ 3.60GHz	13813	215	17.94	\$769.99*
	Intel Core i7-4980HQ @ 2.80GHz	10293	350	NA	NA
	Intel Core i7-5500U @ 2.40GHz	3980	1134	NA	NA
	Intel Core i7-5550U @ 2.00GHz	3851	1164	NA	NA
	Intel Core i7-5557U @ 3.10GHz	4953	944	7.03	\$705.00*
	Intel Core i7-5600U @ 2.60GHz	4327	1070	NA	NA
	Intel Core i7-5650U @ 2.20GHz	4242	1088	NA	NA
	Intel Core i7-5675C @ 3.10GHz	8164	560	NA	NA
	Intel Core i7-5700EQ @ 2.60GHz	8239	554	NA	NA
	Intel Core i7-5700HQ @ 2.70GHz	8347	546	NA	NA
	Intel Core i7-5775C @ 3.30GHz	10867	317	15.83	\$686.32*
	Intel Core i7-5775R @ 3.30GHz	10879	316	NA	NA
	Intel Core i7-5820K @ 3.30GHz	13013	243	52.05	\$249.99
	Intel Core i7-5850EQ @ 2.70GHz	9817	394	22.57	\$435.00*
	Intel Core i7-5850HQ @ 2.70GHz	9459	428	21.80	\$434.00*
	Intel Core i7-5930K @ 3.50GHz	13664	217	41.53	\$329.00*
	Intel Core i7-5950HQ @ 2.90GHz	10850	318	NA	NA
	Intel Core i7-5960X @ 3.00GHz	15992	152	15.33	\$1,042.93*
	Intel Core i7-6498DU @ 2.50GHz	4470	1040	NA	NA
	Intel Core i7-6500U @ 2.50GHz	4424	1050	11.26	\$393.00*
	Intel Core i7-6560U @ 2.20GHz	4818	968	NA	NA
	Intel Core i7-6567U @ 3.30GHz	5582	834	NA	NA
	Intel Core i7-6600U @ 2.60GHz	4801	973	NA	NA
	Intel Core i7-6650U @ 2.20GHz	4977	938	NA	NA
	Intel Core i7-6700 @ 3.40GHz	10004	374	29.86	\$334.99
	Intel Core i7-6700HQ @ 2.60GHz	8127	564	21.50	\$378.00*
	Intel Core i7-6700K @ 4.00GHz	11110	300	28.18	\$394.22
	Intel Core i7-6700T @ 2.80GHz	8999	476	23.94	\$375.99*
	Intel Core i7-6700TE @ 2.40GHz	8674	516	NA	NA
	Intel Core i7-6770HQ @ 2.60GHz	9720	405	9.70	\$1,001.88*
	Intel Core i7-6800K @ 3.40GHz	13565	222	41.13	\$329.85
	Intel Core i7-6820EQ @ 2.80GHz	8630	518	NA	NA
	Intel Core i7-6820HK @ 2.70GHz	9125	462	24.14	\$378.00*
	Intel Core i7-6820HQ @ 2.70GHz	8763	507	NA	NA
	Intel Core i7-6822EQ @ 2.00GHz	6501	732	NA	NA
	Intel Core i7-6850K @ 3.60GHz	14371	193	29.17	\$492.75
	Intel Core i7-6900K @ 3.20GHz	17614	115	25.10	\$701.85

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6920HQ @ 2.90GHz	9549	419	16.81	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19920	78	11.25	\$1,770.00
Intel Core i7-7500U @ 2.70GHz	5121	906	NA	NA
Intel Core i7-7560U @ 2.40GHz	5770	810	NA	NA
Intel Core i7-7567U @ 3.50GHz	6465	734	8.28	\$780.89
Intel Core i7-7600U @ 2.80GHz	5110	909	NA	NA
Intel Core i7-7660U @ 2.50GHz	5989	783	NA	NA
Intel Core i7-7700 @ 3.60GHz	10686	325	33.76	\$316.50
Intel Core i7-7700HQ @ 2.80GHz	8766	506	23.19	\$378.00*
Intel Core i7-7700K @ 4.20GHz	11994	276	33.92	\$353.65
Intel Core i7-7700T @ 2.90GHz	9311	444	30.13	\$309.00*
Intel Core i7-7740X @ 4.30GHz	12221	270	31.74	\$385.00
Intel Core i7-7800X @ 3.50GHz	14634	186	28.70	\$509.99*
Intel Core i7-7820EQ @ 3.00GHz	9144	459	24.19	\$378.00*
Intel Core i7-7820HK @ 2.90GHz	9954	381	26.33	\$378.00*
Intel Core i7-7820HQ @ 2.90GHz	9245	451	24.46	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18519	102	41.25	\$448.90
Intel Core i7-7900X @ 3.30GHz	20474	70	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9991	375	17.59	\$568.00*
Intel Core i7-8086K @ 4.00GHz	16677	129	30.16	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3945	1147	10.04	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8247	552	NA	NA
Intel Core i7-8559U @ 2.70GHz	12217	271	12.03	\$1,015.28
Intel Core i7-8565U @ 1.80GHz	8880	498	NA	NA
Intel Core i7-8650U @ 1.90GHz	8692	513	21.20	\$409.99*
Intel Core i7-8665U @ 1.90GHz	8907	492	21.78	\$409.00*
Intel Core i7-8700 @ 3.20GHz	15138	173	39.06	\$387.59
Intel Core i7-8700B @ 3.20GHz	14802	183	48.85	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15933	155	47.42	\$335.98
Intel Core i7-8700T @ 2.40GHz	12620	256	28.17	\$447.95
Intel Core i7-8705G @ 3.10GHz	9884	387	7.02	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10539	335	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	400	NA	NA
Intel Core i7-8750H @ 2.20GHz	12406	262	31.41	\$395.00*
Intel Core i7-8809G @ 3.10GHz	10989	307	NA	NA
Intel Core i7-8850H @ 2.60GHz	12984	244	32.87	\$395.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-9700 @ 3.00GHz	15959	154	45.60	\$349.99
Intel Core i7-9700F @ 3.00GHz	16486	133	50.74	\$324.90
Intel Core i7-9700K @ 3.60GHz	17208	118	50.62	\$339.99
Intel Core i7-9700KF @ 3.60GHz	17188	120	47.75	\$359.99*
Intel Core i7-9700T @ 2.00GHz	13296	231	41.17	\$323.00*
Intel Core i7-9750H @ 2.60GHz	13530	225	34.25	\$395.00*
Intel Core i7-9800X @ 3.80GHz	19763	84	34.01	\$581.05
Intel Core i7-9850H @ 2.60GHz	14144	200	35.81	\$395.00*
Intel Core i7-10510U @ 1.80GHz	9250	448	22.62	\$409.00*
Intel Core i7-10710U @ 1.10GHz	13061	241	29.48	\$443.00*
Intel Core i9-7900X @ 3.30GHz	21873	55	21.30	\$1,027.12
Intel Core i9-7920X @ 2.90GHz	23291	43	17.30	\$1,346.25*
Intel Core i9-7940X @ 3.10GHz	25431	25	18.44	\$1,379.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-7960X @ 2.80GHz	26030	20	19.28	\$1,349.99*
Intel Core i9-7980XE @ 2.60GHz	27647	17	19.20	\$1,440.00
Intel Core i9-8950HK @ 2.90GHz	14218	199	24.39	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21630	57	30.90	\$699.99
Intel Core i9-9880H @ 2.30GHz	16799	127	30.22	\$556.00*
Intel Core i9-9900 @ 3.10GHz	18646	99	43.37	\$429.99
Intel Core i9-9900K @ 3.60GHz	20192	76	42.78	\$471.99
Intel Core i9-9900KF @ 3.60GHz	20438	72	43.49	\$469.99
Intel Core i9-9900KS @ 4.00GHz	21439	61	35.79	\$598.99
Intel Core i9-9900T @ 2.10GHz	15563	163	35.45	\$439.00*
Intel Core i9-9900X @ 3.50GHz	23019	45	39.02	\$589.89
Intel Core i9-9920X @ 3.50GHz	25151	29	24.15	\$1,041.52
Intel Core i9-9940X @ 3.30GHz	27124	18	21.70	\$1,250.00
Intel Core i9-9960X @ 3.10GHz	28129	14	18.67	\$1,506.80
Intel Core i9-9980HK @ 2.40GHz	17654	113	30.28	\$583.00*
Intel Core i9-9980XE @ 3.00GHz	29564	10	15.48	\$1,910.00
Intel Core m3-6Y30 @ 0.90GHz	3025	1395	10.77	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3519	1251	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1301	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3593	1227	12.79	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3354	1290	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3229	1326	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3465	1265	NA	NA

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Passmark CPU Mark (higher is better)	RAM	Rank (lower is better)	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 M-5Y10 @ 0.80GHz</u>			2653		1521	NA	NA	
<u>Intel Core M-5Y10a @ 0.80GHz</u>			2387		1621	NA	NA	
<u>Intel Core M-5Y10c @ 0.80GHz</u>			2819		1469	<u>10.03</u>	<u>\$281.00*</u>	
<u>Intel Core M-5Y31 @ 0.90GHz</u>			2832		1464	NA	NA	
<u>Intel Core M-5Y51 @ 1.10GHz</u>			2508		1574	NA	NA	
<u>Intel Core M-5Y70 @ 1.10GHz</u>			2912		1436	NA	NA	
<u>Intel Core M-5Y71 @ 1.20GHz</u>			2991		1406	<u>10.65</u>	<u>\$281.00*</u>	
<u>Intel Core Solo T1300 @ 1.66GHz</u>			393		2693	NA	NA	
<u>Intel Core Solo T1350 @ 1.86GHz</u>			396		2686	NA	NA	
<u>Intel Core Solo T1400 @ 1.83GHz</u>			470		2604	NA	NA	
<u>Intel Core Solo U1300 @ 1.06GHz</u>			273		2847	NA	NA	
<u>Intel Core Solo U1400 @ 1.20GHz</u>			278		2841	NA	NA	
<u>Intel Core Solo U1500 @ 1.33GHz</u>			330		2763	NA	NA	
<u>Intel E3000 @ 3.40GHz</u>			2767		1485	NA	NA	
<u>Intel Pentium 4 1.40GHz</u>			164		2948	NA	NA	
<u>Intel Pentium 4 1.50GHz</u>			131		2965	NA	NA	
<u>Intel Pentium 4 1.60GHz</u>			129		2967	NA	NA	
<u>Intel Pentium 4 1.70GHz</u>			132		2964	NA	NA	
<u>Intel Pentium 4 1.80GHz</u>			161		2951	NA	NA	
<u>Intel Pentium 4 1.90GHz</u>			159		2952	NA	NA	
<u>Intel Pentium 4 2.00GHz</u>			189		2930	NA	NA	
<u>Intel Pentium 4 2.20GHz</u>			209		2912	NA	NA	
<u>Intel Pentium 4 2.26GHz</u>			221		2900	NA	NA	
<u>Intel Pentium 4 2.40GHz</u>			228		2894	NA	NA	
<u>Intel Pentium 4 2.50GHz</u>			245		2878	NA	NA	
<u>Intel Pentium 4 2.53GHz</u>			248		2874	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 2.60GHz</u>			288		2820	NA	NA	
<u>Intel Pentium 4 2.66GHz</u>			254		2866	NA	NA	
<u>Intel Pentium 4 2.80GHz</u>			322		2769	NA	NA	
<u>Intel Pentium 4 2.93GHz</u>			293		2811	NA	NA	
<u>Intel Pentium 4 3.00GHz</u>			353		2740	NA	NA	
<u>Intel Pentium 4 3.06GHz</u>			347		2743	NA	NA	
<u>Intel Pentium 4 3.20GHz</u>			373		2714	NA	NA	
<u>Intel Pentium 4 3.40GHz</u>			395		2688	NA	NA	
<u>Intel Pentium 4 3.46GHz</u>			454		2622	NA	NA	
<u>Intel Pentium 4 3.60GHz</u>			486		2588	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	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	Intel Pentium 4 3.73GHz	486	2586	NA	NA
	Intel Pentium 4 3.80GHz	485	2589	NA	NA
	Intel Pentium 4 3.83GHz	195	2925	NA	NA
	Intel Pentium 4 4.00GHz	184	2935	NA	NA
	Intel Pentium 4 1300MHz	119	2971	NA	NA
	Intel Pentium 4 1400MHz	127	2968	NA	NA
	Intel Pentium 4 1500MHz	125	2969	NA	NA
	Intel Pentium 4 1600MHz	193	2929	0.30	\$647.45*
	Intel Pentium 4 1700MHz	154	2955	NA	NA
	Intel Pentium 4 1800MHz	162	2950	NA	NA
	Intel Pentium 4 Mobile 1.40GHz	149	2958	NA	NA
	Intel Pentium 4 Mobile 1.50GHz	197	2924	NA	NA
	Intel Pentium 4 Mobile 1.60GHz	178	2941	NA	NA
	Intel Pentium 4 Mobile 1.70GHz	208	2913	NA	NA
	Intel Pentium 4 Mobile 1.80GHz	175	2944	NA	NA
	Intel Pentium 4 Mobile 1.90GHz	209	2911	NA	NA
	Intel Pentium 4 Mobile 2.00GHz	202	2920	NA	NA
	Intel Pentium 5 2.66GHz	705	2463	NA	NA
	Intel Pentium 957 @ 1.20GHz	1095	2248	8.18	\$134.00*
	Intel Pentium 967 @ 1.30GHz	1139	2229	NA	NA
	Intel Pentium 977 @ 1.40GHz	1148	2223	NA	NA
	Intel Pentium 987 @ 1.50GHz	1224	2177	NA	NA
	Intel Pentium 997 @ 1.60GHz	1395	2075	NA	NA
	Intel Pentium 1403 @ 2.60GHz	2742	1496	NA	NA
	Intel Pentium 1403 v2 @ 2.60GHz	3018	1396	NA	NA
	Intel Pentium 2020M @ 2.40GHz	2274	1661	16.97	\$134.00*
	Intel Pentium 2030M @ 2.50GHz	2398	1616	17.90	\$134.00*
	Intel Pentium 2117U @ 1.80GHz	1655	1959	12.35	\$134.00*
	Intel Pentium 2127U @ 1.90GHz	1821	1871	13.59	\$134.00*
	Intel Pentium 2129Y @ 1.10GHz	1062	2268	7.93	\$134.00*
	Intel Pentium 3550M @ 2.30GHz	2260	1670	NA	NA
	Intel Pentium 3556U @ 1.70GHz	1671	1945	NA	NA
	Intel Pentium 3558U @ 1.70GHz	1672	1944	NA	NA
	Intel Pentium 3560M @ 2.40GHz	2269	1667	NA	NA
	Intel Pentium 3560Y @ 1.20GHz	1266	2155	NA	NA
	Intel Pentium 3805U @ 1.90GHz	1965	1793	NA	NA
	Intel Pentium 3825U @ 1.90GHz	2519	1569	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Pentium 4405U @ 2.10GHz</u>	2927	1431	NA	NA
<u>Intel Pentium 4405Y @ 1.50GHz</u>	2059	1754	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Pentium 4410Y @ 1.50GHz</u>	2050	1758	<u>12.73</u>	<u>\$161.00*</u>
<u>Intel Pentium 4415U @ 2.30GHz</u>	3148	1359	NA	NA
<u>Intel Pentium 4415Y @ 1.60GHz</u>	2222	1689	<u>13.80</u>	<u>\$161.00*</u>
<u>Intel Pentium 4417U @ 2.30GHz</u>	3182	1341	<u>19.77</u>	<u>\$161.00*</u>
<u>Intel Pentium 5405U @ 2.30GHz</u>	3184	1340	<u>19.78</u>	<u>\$161.00*</u>
<u>Intel Pentium A1018 @ 2.10GHz</u>	1605	1983	NA	NA
<u>Intel Pentium B940 @ 2.00GHz</u>	1727	1907	<u>57.71</u>	<u>\$29.94*</u>
<u>Intel Pentium B950 @ 2.10GHz</u>	1715	1916	NA	NA
<u>Intel Pentium B960 @ 2.20GHz</u>	1853	1850	<u>37.84</u>	<u>\$48.99*</u>
<u>Intel Pentium B970 @ 2.30GHz</u>	1953	1801	<u>38.30</u>	<u>\$50.99*</u>
<u>Intel Pentium B980 @ 2.40GHz</u>	2027	1766	<u>28.98</u>	<u>\$69.95*</u>
<u>Intel Pentium D1508 @ 2.20GHz</u>	3813	1175	<u>29.56</u>	<u>\$129.00*</u>
<u>Intel Pentium D 805 @ 2.66GHz</u>	529	2553	NA	NA
<u>Intel Pentium D 830 @ 3.00GHz</u>	642	2495	NA	NA
<u>Intel Pentium D 915 @ 2.80GHz</u>	583	2523	NA	NA
<u>Intel Pentium D 940 @ 3.20GHz</u>	709	2460	NA	NA
<u>Intel Pentium D 950 @ 3.40GHz</u>	742	2448	NA	NA
<u>Intel Pentium D 960 @ 3.60GHz</u>	811	2418	NA	NA
<u>Intel Pentium E2140 @ 1.60GHz</u>	870	2385	<u>18.82</u>	<u>\$46.25</u>
<u>Intel Pentium E2160 @ 1.80GHz</u>	999	2306	<u>64.42</u>	<u>\$15.51*</u>
<u>Intel Pentium E2180 @ 2.00GHz</u>	1088	2254	<u>36.28</u>	<u>\$29.99</u>
<u>Intel Pentium E2200 @ 2.20GHz</u>	1203	2191	<u>16.04</u>	<u>\$75.00*</u>
<u>Intel Pentium E2210 @ 2.20GHz</u>	1174	2203	NA	NA
<u>Intel Pentium E2220 @ 2.40GHz</u>	1329	2112	<u>15.46</u>	<u>\$85.99*</u>
<u>Intel Pentium E5200 @ 2.50GHz</u>	1486	2040	<u>24.80</u>	<u>\$59.95</u>
<u>Intel Pentium E5300 @ 2.60GHz</u>	1539	2012	<u>59.27</u>	<u>\$25.98*</u>
<u>Intel Pentium E5400 @ 2.70GHz</u>	1596	1990	<u>89.91</u>	<u>\$17.76*</u>
<u>Intel Pentium E5500 @ 2.80GHz</u>	1635	1969	<u>62.94</u>	<u>\$25.99*</u>
<u>Intel Pentium E5700 @ 3.00GHz</u>	1737	1904	<u>115.94</u>	<u>\$14.99*</u>
<u>Intel Pentium E5800 @ 3.20GHz</u>	1887	1837	<u>62.92</u>	<u>\$29.99*</u>
<u>Intel Pentium E6300 @ 2.80GHz</u>	1706	1924	<u>165.68</u>	<u>\$10.30*</u>
<u>Intel Pentium E6500 @ 2.93GHz</u>	1764	1888	<u>11.17</u>	<u>\$157.95*</u>
<u>Intel Pentium E6600 @ 3.06GHz</u>	1861	1848	<u>18.61</u>	<u>\$100.00*</u>
<u>Intel Pentium E6700 @ 3.20GHz</u>	1932	1810	<u>64.44</u>	<u>\$29.99</u>

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E6800 @ 3.33GHz	1974	1788	22.19	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2371	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2333	NA	NA
Intel Pentium G620 @ 2.60GHz	2287	1655	91.54	\$24.99*
Intel Pentium G620T @ 2.20GHz	2033	1763	25.42	\$79.99*
Intel Pentium G630 @ 2.70GHz	2371	1626	23.72	\$100.00
Intel Pentium G630T @ 2.30GHz	2089	1738	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2519	1568	63.00	\$40.00
Intel Pentium G640T @ 2.40GHz	1979	1785	NA	NA
Intel Pentium G645 @ 2.90GHz	2589	1541	64.74	\$40.00
Intel Pentium G645T @ 2.50GHz	2255	1672	NA	NA
Intel Pentium G840 @ 2.80GHz	2559	1555	73.15	\$34.99*
Intel Pentium G850 @ 2.90GHz	2664	1519	13.46	\$197.99
Intel Pentium G860 @ 3.00GHz	2736	1499	32.98	\$82.99
Intel Pentium G870 @ 3.10GHz	2811	1472	28.98	\$97.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2010 @ 2.80GHz	2597	1538	51.95	\$50.00
Intel Pentium G2020 @ 2.90GHz	2753	1493	45.93	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2418	1606	50.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2867	1455	71.71	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2487	1585	38.86	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1490	NA	NA
Intel Pentium G2120 @ 3.10GHz	3079	1380	19.30	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3200	1334	64.01	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3377	1285	41.18	\$82.00*
Intel Pentium G3220 @ 3.00GHz	3125	1365	31.90	\$97.98
Intel Pentium G3220T @ 2.60GHz	2561	1554	40.67	\$62.98*
Intel Pentium G3240 @ 3.10GHz	3153	1356	42.05	\$74.99
Intel Pentium G3240T @ 2.70GHz	2840	1459	NA	NA
Intel Pentium G3250 @ 3.20GHz	3242	1321	13.87	\$233.84
Intel Pentium G3250T @ 2.80GHz	2969	1417	33.00	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3865	1159	55.24	\$69.98
Intel Pentium G3260 @ 3.30GHz	3357	1289	23.99	\$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1428	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1618	NA	NA
Intel Pentium G3420 @ 3.20GHz	3396	1278	54.29	\$62.55

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Passmark CPU Mark (higher is better)	RAM	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
			PC Systems	Android	iOS / iPhone		
Intel Pentium G3420T @ 2.70GHz			3008		1401	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz			3395		1279	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz			3319		1300	20.75	\$159.94*
Intel Pentium G3440T @ 2.80GHz			3101		1372	NA	NA
Intel Pentium G3450 @ 3.40GHz			3695		1206	36.96	\$99.99*
Intel Pentium G3450T @ 2.90GHz			2967		1418	NA	NA
Intel Pentium G3460 @ 3.50GHz			3584		1233	12.44	\$288.20*
Intel Pentium G3470 @ 3.60GHz			3714		1200	35.62	\$104.29*
Intel Pentium G4400 @ 3.30GHz			3539		1241	52.00	\$68.08
Intel Pentium G4400T @ 2.90GHz			3163		1349	NA	NA
Intel Pentium G4400TE @ 2.40GHz			2885		1453	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz			3793		1177	38.51	\$98.51
Intel Pentium G4500T @ 3.00GHz			3471		1262	NA	NA
Intel Pentium G4520 @ 3.60GHz			4184		1099	38.05	\$109.98
Intel Pentium G4560 @ 3.50GHz			4863		961	45.48	\$106.93
Intel Pentium G4560T @ 2.90GHz			3990		1132	36.28	\$109.99*
Intel Pentium G4600 @ 3.60GHz			5076		914	21.15	\$239.95
Intel Pentium G4600T @ 3.00GHz			4266		1083	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz			5214		893	45.88	\$113.66*
Intel Pentium G6950 @ 2.80GHz			1860		1849	46.52	\$39.99*
Intel Pentium G6951 @ 2.80GHz			2135		1719	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz			2059		1755	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz			5219		891	87.20	\$59.85
Intel Pentium Gold G5400T @ 3.10GHz			4884		956	76.31	\$64.00*
Intel Pentium Gold G5420 @ 3.80GHz			5447		856	73.63	\$73.99
Intel Pentium Gold G5420T @ 3.20GHz			5156		903	80.57	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz			5195		895	30.57	\$169.94*
Intel Pentium Gold G5500T @ 3.20GHz			4346		1065	57.95	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz			5570		837	58.67	\$94.95
CPU Name			Passmark CPU Mark (higher is better)		Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium Gold G5600F @ 3.90GHz			5736		816	NA	NA
Intel Pentium III 933S @ 933MHz			238		2886	NA	NA
Intel Pentium III 1133 @ 1133MHz			284		2824	NA	NA
Intel Pentium III 1200 @ 1200MHz			278		2840	NA	NA
Intel Pentium III 1266S @ 1266MHz			309		2785	NA	NA
Intel Pentium III 1400 @ 1400MHz			297		2804	NA	NA
Intel Pentium III 1400S @ 1400MHz			299		2801	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	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	Intel Pentium III Mobile 750MHz	103	2974	NA	NA
	Intel Pentium III Mobile 800MHz	182	2938	NA	NA
	Intel Pentium III Mobile 866MHz	152	2956	NA	NA
	Intel Pentium III Mobile 933MHz	218	2902	7.55	\$28.99
	Intel Pentium III Mobile 1000MHz	245	2877	NA	NA
	Intel Pentium III Mobile 1066MHz	246	2876	NA	NA
	Intel Pentium III Mobile 1133MHz	251	2870	NA	NA
	Intel Pentium III Mobile 1200MHz	240	2884	NA	NA
	Intel Pentium J2850 @ 2.41GHz	1839	1860	NA	NA
	Intel Pentium J2900 @ 2.41GHz	1973	1789	NA	NA
	Intel Pentium J3710 @ 1.60GHz	1913	1821	NA	NA
	Intel Pentium J4205 @ 1.50GHz	2270	1666	NA	NA
	Intel Pentium M 1.10GHz	282	2831	NA	NA
	Intel Pentium M 1.20GHz	298	2802	NA	NA
	Intel Pentium M 1.30GHz	301	2795	NA	NA
	Intel Pentium M 1.40GHz	345	2747	NA	NA
	Intel Pentium M 1.50GHz	366	2724	NA	NA
	Intel Pentium M 1.60GHz	364	2727	NA	NA
	Intel Pentium M 1.70GHz	406	2672	NA	NA
	Intel Pentium M 1.73GHz	413	2663	NA	NA
	Intel Pentium M 1.80GHz	411	2665	NA	NA
	Intel Pentium M 1.86GHz	438	2639	NA	NA
	Intel Pentium M 2.00GHz	461	2614	NA	NA
	Intel Pentium M 2.10GHz	448	2627	NA	NA
	Intel Pentium M 2.13GHz	499	2577	NA	NA
	Intel Pentium M 2.26GHz	509	2569	NA	NA
	Intel Pentium M 756 @ 1.66GHz	484	2594	NA	NA
	Intel Pentium M 900MHz	217	2906	NA	NA
	Intel Pentium M 1000MHz	233	2890	NA	NA
	Intel Pentium M 1100MHz	259	2862	NA	NA
	Intel Pentium M 1200MHz	237	2887	NA	NA
	Intel Pentium M 1300MHz	303	2789	NA	NA
	Intel Pentium M 1400MHz	320	2771	NA	NA
	Intel Pentium M 1500MHz	354	2737	NA	NA
	Intel Pentium M 1600MHz	335	2757	NA	NA
	Intel Pentium M 1700MHz	376	2709	NA	NA
	Intel Pentium N3510 @ 1.99GHz	1519	2019	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium N3520 @ 2.16GHz	1807	1873	NA	NA
Intel Pentium N3530 @ 2.16GHz	1911	1822	NA	NA
Intel Pentium N3540 @ 2.16GHz	1933	1809	7.71	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1836	1861	4.13	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1864	1846	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium N4200 @ 1.10GHz	2035	1761	8.70	\$233.98*
Intel Pentium P6000 @ 1.87GHz	1243	2170	NA	NA
Intel Pentium P6100 @ 2.00GHz	1327	2114	46.68	\$28.44*
Intel Pentium P6200 @ 2.13GHz	1351	2101	30.06	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1372	2089	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2903	1441	13.20	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2456	1593	15.26	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2673	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2396	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2400	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2484	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2464	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	708	2461	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2450	NA	NA
Intel Pentium T2330 @ 1.60GHz	827	2407	NA	NA
Intel Pentium T2370 @ 1.73GHz	849	2398	24.26	\$35.00*
Intel Pentium T2390 @ 1.86GHz	949	2344	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2322	NA	NA
Intel Pentium T3200 @ 2.00GHz	1032	2282	86.03	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1114	2236	12.39	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1152	2220	96.02	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1231	2174	NA	NA
Intel Pentium T4400 @ 2.20GHz	1281	2144	NA	NA
Intel Pentium T4500 @ 2.30GHz	1334	2110	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2413	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2342	NA	NA
Intel T1200 @ 1.50GHz	435	2645	NA	NA
Intel T1400 @ 1.73GHz	929	2358	NA	NA
Intel T1500 @ 1.86GHz	953	2340	NA	NA
Intel T2050 @ 2.00GHz	959	2337	NA	NA
Intel Xeon 2.00GHz	233	2889	NA	NA

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	Intel XEON 2.20GHz	252	2868	NA	NA
	Intel Xeon 2.40GHz	276	2843	30.35	\$9.10*
	Intel Xeon 2.66GHz	435	2644	NA	NA
	Intel Xeon 2.80GHz	400	2684	NA	NA
	Intel Xeon 3.00GHz	391	2697	NA	NA
	Intel Xeon 3.06GHz	491	2581	NA	NA
	Intel Xeon 3.20GHz	461	2615	NA	NA
	Intel Xeon 3.40GHz	478	2597	NA	NA
	Intel Xeon 3.60GHz	509	2568	0.60	\$851.00*
	Intel Xeon 3.73GHz	1041	2278	NA	NA
	Intel Xeon 3.80GHz	604	2512	0.71	\$851.00*
	Intel Xeon 1500MHz	193	2928	NA	NA
	Intel Xeon 3040 @ 1.86GHz	1278	2148	51.05	\$25.04*
	Intel Xeon 3050 @ 2.13GHz	1300	2127	8.23	\$157.95*
	Intel Xeon 3060 @ 2.40GHz	1518	2020	66.07	\$22.99*
	Intel Xeon 3065 @ 2.33GHz	1520	2018	72.77	\$20.90*
	Intel Xeon 3070 @ 2.66GHz	1784	1884	4.36	\$408.95*
	Intel Xeon 3075 @ 2.66GHz	1840	1859	5.26	\$349.95*
	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	Intel Xeon 3085 @ 3.00GHz	1570	1999	NA	NA
	Intel Xeon 5110 @ 1.60GHz	1084	2258	30.99	\$35.00*
	Intel Xeon 5120 @ 1.86GHz	1248	2169	0.77	\$1,619.99*
	Intel Xeon 5130 @ 2.00GHz	1366	2091	27.90	\$48.99*
	Intel Xeon 5133 @ 2.20GHz	1598	1988	NA	NA
	Intel Xeon 5140 @ 2.33GHz	1636	1967	65.49	\$24.99*
	Intel Xeon 5148 @ 2.33GHz	1590	1994	121.17	\$13.13*
	Intel Xeon 5150 @ 2.66GHz	1740	1902	12.44	\$139.95*
	Intel Xeon 5160 @ 3.00GHz	1956	1796	39.13	\$49.99
	Intel Xeon @ 2.00GHz	11327	292	NA	NA
	Intel Xeon @ 2.20GHz	1902	1826	NA	NA
	Intel Xeon Bronze 3104 @ 1.70GHz	5632	824	23.33	\$241.38
	Intel Xeon Bronze 3106 @ 1.70GHz	6890	693	19.34	\$356.27*
	Intel Xeon D-1518 @ 2.20GHz	5322	880	NA	NA
	Intel Xeon D-1520 @ 2.20GHz	5755	814	NA	NA
	Intel Xeon D-1521 @ 2.40GHz	6980	681	NA	NA
	Intel Xeon D-1528 @ 1.90GHz	8210	555	NA	NA
	Intel Xeon D-1531 @ 2.20GHz	9643	411	27.71	\$348.00*

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Passmark CPU Mark (higher is better)	RAM	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
			mark		PC Systems	Android	iOS / iPhone
Intel Xeon D-1537 @ 1.70GHz			7731		613	13.54	\$571.00*
Intel Xeon D-1539 @ 1.60GHz			8443		534	17.37	\$486.00*
Intel Xeon D-1540 @ 2.00GHz			10740		323	NA	NA
Intel Xeon D-1541 @ 2.10GHz			11083		302	NA	NA
Intel Xeon D-1548 @ 2.00GHz			10679		326	19.24	\$555.00*
Intel Xeon D-1557 @ 1.50GHz			10950		311	15.78	\$694.00*
Intel Xeon D-1559 @ 1.50GHz			8055		570	NA	NA
Intel Xeon D-1567 @ 2.10GHz			14482		190	NA	NA
Intel Xeon D-1587 @ 1.70GHz			14049		204	NA	NA
Intel Xeon D-2123IT @ 2.20GHz			8150		561	38.26	\$213.00*
Intel Xeon D-2141I @ 2.20GHz			12836		248	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz			13816		214	24.41	\$566.00*
Intel Xeon D-2146NT @ 2.30GHz			10968		309	17.11	\$641.00*
Intel Xeon D-2183IT @ 2.20GHz			19381		93	10.99	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz			6250		753	117.99	\$52.98
Intel Xeon E3-1220 V2 @ 3.10GHz			6733		709	112.30	\$59.96
Intel Xeon E3-1220 v3 @ 3.10GHz			7183		666	53.61	\$133.99
Intel Xeon E3-1220 v5 @ 3.00GHz			7772		607	29.17	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz			7769		608	36.73	\$211.54
Intel Xeon E3-1220L @ 2.20GHz			3606		1223	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz			4419		1051	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz			2070		1748	NA	NA
Intel Xeon E3-1225 @ 3.10GHz			6094		777	95.24	\$63.99
Intel Xeon E3-1225 V2 @ 3.20GHz			6968		683	100.99	\$69.00
Intel Xeon E3-1225 v3 @ 3.20GHz			7238		659	53.23	\$135.99
Intel Xeon E3-1225 v5 @ 3.30GHz			7834		598	29.23	\$268.08
Intel Xeon E3-1225 v6 @ 3.30GHz			7958		587	29.99	\$265.42
Intel Xeon E3-1226 v3 @ 3.30GHz			7579		627	12.74	\$595.00*
Intel Xeon E3-1230 @ 3.20GHz			7851		596	81.79	\$95.99
Intel Xeon E3-1230 V2 @ 3.30GHz			8869		499	113.72	\$78.00
Intel Xeon E3-1230 v3 @ 3.30GHz			9327		441	43.38	\$215.00
CPU Name			Passmark CPU Mark (higher is better)		Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1230 v5 @ 3.40GHz			9742		402	23.64	\$412.18
Intel Xeon E3-1230 v6 @ 3.50GHz			9784		398	37.27	\$262.57
Intel Xeon E3-1230L v3 @ 1.80GHz			7231		661	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz			9630		414	18.89	\$509.95
Intel Xeon E3-1235 @ 3.20GHz			7757		610	31.79	\$244.00

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	Intel Xeon E3-1235L v5 @ 2.00GHz	6462	735	NA	NA
	Intel Xeon E3-1240 @ 3.30GHz	7975	586	81.39	\$97.99
	Intel Xeon E3-1240 V2 @ 3.40GHz	9159	458	72.15	\$126.94
	Intel Xeon E3-1240 v3 @ 3.40GHz	9677	408	25.18	\$384.40*
	Intel Xeon E3-1240 v5 @ 3.50GHz	10317	346	30.20	\$341.67*
	Intel Xeon E3-1240 v6 @ 3.70GHz	10472	340	35.14	\$298.00
	Intel Xeon E3-1240L v3 @ 2.00GHz	7486	633	NA	NA
	Intel Xeon E3-1240L v5 @ 2.10GHz	7793	604	28.03	\$278.00*
	Intel Xeon E3-1241 v3 @ 3.50GHz	10017	371	27.07	\$369.99
	Intel Xeon E3-1245 @ 3.30GHz	8040	572	75.86	\$105.99
	Intel Xeon E3-1245 V2 @ 3.40GHz	9129	461	58.16	\$156.99
	Intel Xeon E3-1245 v3 @ 3.40GHz	9586	416	37.59	\$255.00
	Intel Xeon E3-1245 v5 @ 3.50GHz	10167	359	29.44	\$345.31*
	Intel Xeon E3-1245 v6 @ 3.70GHz	10533	336	33.88	\$310.92
	Intel Xeon E3-1246 v3 @ 3.50GHz	9861	390	24.11	\$409.00*
	Intel Xeon E3-1260L @ 2.40GHz	6266	751	111.85	\$56.02
	Intel Xeon E3-1260L v5 @ 2.90GHz	10218	355	13.88	\$736.16*
	Intel Xeon E3-1265L @ 2.40GHz	5961	786	6.49	\$918.35*
	Intel Xeon E3-1265L V2 @ 2.50GHz	7455	639	50.37	\$148.00
	Intel Xeon E3-1265L v3 @ 2.50GHz	9204	455	12.97	\$709.95
	Intel Xeon E3-1265L v4 @ 2.30GHz	9060	470	NA	NA
	Intel Xeon E3-1268L v3 @ 2.30GHz	7850	597	NA	NA
	Intel Xeon E3-1268L v5 @ 2.40GHz	8695	512	19.05	\$456.54
	Intel Xeon E3-1270 @ 3.40GHz	8249	551	26.19	\$315.00
	Intel Xeon E3-1270 V2 @ 3.50GHz	9462	425	49.81	\$189.99
	Intel Xeon E3-1270 v3 @ 3.50GHz	9923	384	49.62	\$199.99
	Intel Xeon E3-1270 v5 @ 3.60GHz	10279	351	21.56	\$476.70
	Intel Xeon E3-1270 v6 @ 3.80GHz	11171	297	29.76	\$375.39
	Intel Xeon E3-1270L v4 @ 3.00GHz	10691	324	NA	NA
	Intel Xeon E3-1271 v3 @ 3.60GHz	10117	364	11.39	\$888.00*
	Intel Xeon E3-1275 @ 3.40GHz	8122	566	26.72	\$304.00
	Intel Xeon E3-1275 V2 @ 3.50GHz	9434	432	23.90	\$394.72*
	Intel Xeon E3-1275 v3 @ 3.50GHz	10048	368	25.06	\$400.99*
	Intel Xeon E3-1275 v5 @ 3.60GHz	10353	344	27.28	\$379.52
	Intel Xeon E3-1275 v6 @ 3.80GHz	11028	304	29.27	\$376.83
	Intel Xeon E3-1275L v3 @ 2.70GHz	8901	494	NA	NA
	Intel Xeon E3-1276 v3 @ 3.60GHz	10209	356	9.51	\$1,073.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1280 @ 3.50GHz	8416	538	25.34	\$332.20
Intel Xeon E3-1280 V2 @ 3.60GHz	9455	430	11.01	\$859.00*
Intel Xeon E3-1280 v3 @ 3.60GHz	9841	392	21.92	\$449.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10621	330	15.39	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11041	303	18.64	\$592.36
Intel Xeon E3-1281 v3 @ 3.70GHz	10031	369	11.43	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	341	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	339	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11992	277	18.58	\$645.40
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	378	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	310	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	385	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	423	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8768	505	9.91	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9653	410	10.91	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	745	NA	NA
Intel Xeon E3-1505L v6 @ 2.20GHz	7887	593	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8956	487	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9659	409	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10016	372	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9345	440	15.00	\$623.00*
Intel Xeon E3-1535M v6 @ 3.10GHz	10563	333	16.96	\$623.00*
Intel Xeon E3-1545M v5 @ 2.90GHz	10313	347	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10616	331	8.80	\$1,207.00*
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	322	19.42	\$556.00*
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	361	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7265	657	148.31	\$48.99*
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	641	NA	NA
Intel Xeon E5-1428L v2 @ 2.20GHz	8679	515	17.57	\$494.00*
Intel Xeon E5-1603 @ 2.80GHz	5577	836	279.31	\$19.97
Intel Xeon E5-1603 v3 @ 2.80GHz	6208	759	62.09	\$99.99*
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	737	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5877	796	210.27	\$27.95*
Intel Xeon E5-1607 v2 @ 3.00GHz	6217	757	177.91	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	7029	677	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7270	656	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
Intel Xeon E5-1620 @ 3.60GHz			9068		467		139.52		\$65.00*	
Intel Xeon E5-1620 v2 @ 3.70GHz			9499		422		161.04		\$58.99*	
Intel Xeon E5-1620 v3 @ 3.50GHz			9742		403		69.59		\$139.99	
Intel Xeon E5-1620 v4 @ 3.50GHz			9935		383		27.71		\$358.60	
Intel Xeon E5-1630 v3 @ 3.70GHz			10228		354		21.40		\$477.99	
Intel Xeon E5-1630 v4 @ 3.70GHz			10296		349		NA		NA	
Intel Xeon E5-1650 @ 3.20GHz			11733		283		23.70		\$495.00*	
Intel Xeon E5-1650 v2 @ 3.50GHz			12750		252		115.98		\$109.94	
Intel Xeon E5-1650 v3 @ 3.50GHz			13624		220		103.33		\$131.86	
Intel Xeon E5-1650 v4 @ 3.60GHz			14218		198		27.99		\$508.00*	
Intel Xeon E5-1660 @ 3.30GHz			12245		269		9.98		\$1,226.66*	
Intel Xeon E5-1660 v2 @ 3.70GHz			13901		210		49.30		\$281.99*	
Intel Xeon E5-1660 v3 @ 3.00GHz			14656		185		9.07		\$1,616.49*	
Intel Xeon E5-1660 v4 @ 3.20GHz			16203		145		13.18		\$1,229.52*	
Intel Xeon E5-1680 v2 @ 3.00GHz			16250		144		NA		NA	
Intel Xeon E5-1680 v3 @ 3.20GHz			16325		139		NA		NA	
Intel Xeon E5-1680 v4 @ 3.40GHz			17063		123		NA		NA	
Intel Xeon E5-1681 v3 @ 2.90GHz			18238		107		NA		NA	
Intel Xeon E5-2403 @ 1.80GHz			3523		1246		73.80		\$47.75	
Intel Xeon E5-2403 v2 @ 1.80GHz			3590		1232		99.76		\$35.99*	
CPU Name			Passmark CPU Mark (higher is better)		Rank (lower is better)		CPU Value (higher is better)		Price (USD)	
Intel Xeon E5-2407 @ 2.20GHz			4188		1097		49.32		\$84.92*	
Intel Xeon E5-2407 v2 @ 2.40GHz			4724		985		51.49		\$91.75	
Intel Xeon E5-2418L @ 2.00GHz			5202		894		NA		NA	
Intel Xeon E5-2420 @ 1.90GHz			7063		675		18.11		\$390.02*	
Intel Xeon E5-2420 v2 @ 2.20GHz			8750		509		210.51		\$41.57	
Intel Xeon E5-2430 @ 2.20GHz			7695		615		76.10		\$101.12	
Intel Xeon E5-2430 v2 @ 2.50GHz			9061		469		90.61		\$100.00	
Intel Xeon E5-2430L @ 2.00GHz			7834		599		242.71		\$32.28*	
Intel Xeon E5-2430L v2 @ 2.40GHz			6627		722		NA		NA	
Intel Xeon E5-2440 @ 2.40GHz			9221		453		230.59		\$39.99	
Intel Xeon E5-2440 v2 @ 1.90GHz			9290		445		18.22		\$509.95*	
Intel Xeon E5-2448L v2 @ 1.80GHz			8954		488		6.29		\$1,424.00*	
Intel Xeon E5-2450 @ 2.10GHz			10332		345		172.26		\$59.98	
Intel Xeon E5-2450L @ 1.80GHz			8261		550		63.55		\$130.00*	
Intel Xeon E5-2470 @ 2.30GHz			11144		299		87.07		\$128.00*	
Intel Xeon E5-2470 v2 @ 2.40GHz			11268		295		50.76		\$222.00	

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Passmark CPU Mark (higher is better)	RAM	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
			mark	PC Systems	Android	iOS / iPhone	
Intel Xeon E5-2603 @ 1.80GHz			3591		1230	75.05	\$47.85*
Intel Xeon E5-2603 v2 @ 1.80GHz			3766		1184	62.78	\$59.99*
Intel Xeon E5-2603 v3 @ 1.60GHz			5179		899	77.05	\$67.23
Intel Xeon E5-2603 v4 @ 1.70GHz			5469		853	21.04	\$260.00*
Intel Xeon E5-2608L v3 @ 2.00GHz			7857		595	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz			4607		1010	47.97	\$96.04*
Intel Xeon E5-2609 v2 @ 2.50GHz			5160		902	108.63	\$47.50*
Intel Xeon E5-2609 v3 @ 1.90GHz			5901		793	55.66	\$106.03*
Intel Xeon E5-2609 v4 @ 1.70GHz			6925		691	19.25	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz			12186		273	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz			14572		187	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz			7905		591	272.69	\$28.99
Intel Xeon E5-2620 v2 @ 2.10GHz			8600		523	215.07	\$39.99
Intel Xeon E5-2620 v3 @ 2.40GHz			9986		377	20.97	\$476.22
Intel Xeon E5-2620 v4 @ 2.10GHz			11324		293	31.03	\$364.99
Intel Xeon E5-2623 v3 @ 3.00GHz			8988		477	13.85	\$649.00*
Intel Xeon E5-2623 v4 @ 2.60GHz			8506		528	15.50	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz			9405		434	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz			12295		265	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz			13101		239	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz			11022		305	NA	NA
Intel Xeon E5-2630 @ 2.30GHz			8923		491	223.42	\$39.94*
Intel Xeon E5-2630 v2 @ 2.60GHz			10368		343	235.96	\$43.94
Intel Xeon E5-2630 v3 @ 2.40GHz			12797		249	130.59	\$98.00
Intel Xeon E5-2630 v4 @ 2.20GHz			13913		209	24.89	\$559.00
Intel Xeon E5-2630L @ 2.00GHz			8041		571	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz			9088		466	232.44	\$39.10*
Intel Xeon E5-2630L v3 @ 1.80GHz			9727		404	28.62	\$339.95*
Intel Xeon E5-2630L v4 @ 1.80GHz			12847		247	NA	NA
Intel Xeon E5-2637 @ 3.00GHz			4508		1031	5.09	\$885.00*
Intel Xeon E5-2637 v2 @ 3.50GHz			9200		456	108.25	\$84.99*
Intel Xeon E5-2637 v3 @ 3.50GHz			10117		363	61.25	\$165.19
Intel Xeon E5-2637 v4 @ 3.50GHz			10512		338	9.84	\$1,068.04
CPU Name			Passmark CPU Mark (higher is better)		Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2640 @ 2.50GHz			9421		433	157.15	\$59.95
Intel Xeon E5-2640 v2 @ 2.00GHz			10189		358	53.86	\$189.19
Intel Xeon E5-2640 v3 @ 2.60GHz			13864		213	102.70	\$135.00*

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
	Intel Xeon E5-2640 v4 @ 2.40GHz	15420	168	16.76	\$920.27*
	Intel Xeon E5-2643 @ 3.30GHz	8450	532	138.56	\$60.99
	Intel Xeon E5-2643 v2 @ 3.50GHz	13121	237	67.49	\$194.41
	Intel Xeon E5-2643 v3 @ 3.40GHz	13887	211	53.41	\$259.99
	Intel Xeon E5-2643 v4 @ 3.40GHz	13475	229	8.06	\$1,671.25*
	Intel Xeon E5-2648L @ 1.80GHz	6698	715	NA	NA
	Intel Xeon E5-2648L v2 @ 1.90GHz	11381	290	7.70	\$1,479.00*
	Intel Xeon E5-2648L v3 @ 1.80GHz	11392	289	7.30	\$1,560.86*
	Intel Xeon E5-2648L v4 @ 1.80GHz	13654	218	NA	NA
	Intel Xeon E5-2649 v3 @ 2.30GHz	14677	184	NA	NA
	Intel Xeon E5-2650 @ 2.00GHz	10259	352	235.85	\$43.50
	Intel Xeon E5-2650 v2 @ 2.60GHz	13231	233	151.07	\$87.59
	Intel Xeon E5-2650 v3 @ 2.30GHz	14883	181	121.48	\$122.52
	Intel Xeon E5-2650 v4 @ 2.20GHz	15867	158	15.73	\$1,009.00
	Intel Xeon E5-2650L @ 1.80GHz	8483	530	107.39	\$79.00*
	Intel Xeon E5-2650L v2 @ 1.70GHz	9880	388	72.74	\$135.84*
	Intel Xeon E5-2650L v3 @ 1.80GHz	13513	226	58.19	\$232.22*
	Intel Xeon E5-2650L v4 @ 1.70GHz	14093	203	9.42	\$1,496.00*
	Intel Xeon E5-2651 v2 @ 1.80GHz	11302	294	NA	NA
	Intel Xeon E5-2658 @ 2.10GHz	9632	413	6.59	\$1,462.00*
	Intel Xeon E5-2658 v2 @ 2.40GHz	13874	212	77.09	\$179.99*
	Intel Xeon E5-2658 v3 @ 2.20GHz	16298	142	NA	NA
	Intel Xeon E5-2658 v4 @ 2.30GHz	17275	117	NA	NA
	Intel Xeon E5-2660 @ 2.20GHz	11255	296	85.39	\$131.82*
	Intel Xeon E5-2660 v2 @ 2.20GHz	13142	236	61.73	\$212.89
	Intel Xeon E5-2660 v3 @ 2.60GHz	16429	135	51.35	\$319.95
	Intel Xeon E5-2660 v4 @ 2.00GHz	16880	126	11.25	\$1,499.99*
	Intel Xeon E5-2663 v3 @ 2.80GHz	13994	205	NA	NA
	Intel Xeon E5-2665 @ 2.40GHz	11746	282	114.75	\$102.37*
	Intel Xeon E5-2667 @ 2.90GHz	10670	327	206.39	\$51.70
	Intel Xeon E5-2667 v2 @ 3.30GHz	16165	147	48.98	\$330.00*
	Intel Xeon E5-2667 v3 @ 3.20GHz	16174	146	40.62	\$398.14
	Intel Xeon E5-2667 v4 @ 3.20GHz	16631	131	8.53	\$1,949.03*
	Intel Xeon E5-2670 @ 2.60GHz	12372	263	85.33	\$145.00
	Intel Xeon E5-2670 v2 @ 2.50GHz	15021	176	71.87	\$209.00
	Intel Xeon E5-2670 v3 @ 2.30GHz	16765	128	108.17	\$154.99
	Intel Xeon E5-2673 v2 @ 3.30GHz	16320	140	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)		
Intel Xeon E5-2673 v3 @ 2.40GHz	16401	137	23.43	\$700.00*		
Intel Xeon E5-2673 v4 @ 2.30GHz	21458	60	NA	NA		
Intel Xeon E5-2675 v3 @ 1.80GHz	15137	174	NA	NA		
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	112	NA	NA		
Intel Xeon E5-2678 v3 @ 2.50GHz	16993	124	NA	NA		
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	28	9.35	\$2,702.00*		
Intel Xeon E5-2680 @ 2.70GHz	12897	245	173.54	\$74.32		
Intel Xeon E5-2680 v2 @ 2.80GHz	15890	157	90.80	\$175.00		
Intel Xeon E5-2680 v3 @ 2.50GHz	18467	104	27.35	\$675.19		
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)		
Intel Xeon E5-2680 v4 @ 2.40GHz	19864	80	13.16	\$1,509.00*		
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	73	NA	NA		
Intel Xeon E5-2683 v3 @ 2.00GHz	17325	116	33.97	\$509.99*		
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	97	8.62	\$2,208.93*		
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	177	NA	NA		
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	94	NA	NA		
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	82	NA	NA		
Intel Xeon E5-2687W @ 3.10GHz	14341	195	69.28	\$207.00*		
Intel Xeon E5-2687W v2 @ 3.40GHz	16343	138	45.41	\$359.90*		
Intel Xeon E5-2687W v3 @ 3.10GHz	17795	111	30.16	\$589.99		
Intel Xeon E5-2687W v4 @ 3.00GHz	19863	81	9.13	\$2,174.99*		
Intel Xeon E5-2689 @ 2.60GHz	13291	232	NA	NA		
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	85	NA	NA		
Intel Xeon E5-2690 @ 2.90GHz	13713	216	103.11	\$133.00		
Intel Xeon E5-2690 v2 @ 3.00GHz	16406	136	60.19	\$272.58		
Intel Xeon E5-2690 v3 @ 2.60GHz	19250	95	78.57	\$245.00		
Intel Xeon E5-2690 v4 @ 2.60GHz	21167	65	9.75	\$2,169.99*		
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	151	NA	NA		
Intel Xeon E5-2695 v2 @ 2.40GHz	16041	149	61.94	\$258.99		
Intel Xeon E5-2695 v3 @ 2.30GHz	19710	87	40.23	\$489.99*		
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	74	3.49	\$5,808.00		
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	132	NA	NA		
Intel Xeon E5-2696 v3 @ 2.30GHz	22172	49	8.88	\$2,498.00*		
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	64	7.05	\$3,009.95*		
Intel Xeon E5-2697 v2 @ 2.70GHz	17198	119	55.66	\$309.00		
Intel Xeon E5-2697 v3 @ 2.60GHz	21425	63	44.14	\$485.41		
Intel Xeon E5-2697 v4 @ 2.30GHz	21435	62	7.02	\$3,054.99*		

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
Intel Xeon E5-2697A v4 @ 2.60GHz			22462		47		NA		NA	
Intel Xeon E5-2698 v3 @ 2.30GHz			21042		67		28.47		\$739.00	
Intel Xeon E5-2698 v4 @ 2.20GHz			21836		56		6.02		\$3,629.59*	
Intel Xeon E5-2699 v3 @ 2.30GHz			22340		48		18.48		\$1,209.00	
Intel Xeon E5-2699 v4 @ 2.20GHz			23435		42		6.98		\$3,359.50	
Intel Xeon E5-4603 @ 2.00GHz			5014		932		2.65		\$1,890.99*	
Intel Xeon E5-4607 v2 @ 2.60GHz			9234		452		NA		NA	
Intel Xeon E5-4610 @ 2.40GHz			9552		418		7.81		\$1,223.00*	
Intel Xeon E5-4610 v3 @ 1.70GHz			8853		500		7.26		\$1,219.00*	
Intel Xeon E5-4617 @ 2.90GHz			9313		443		103.59		\$89.90*	
Intel Xeon E5-4620 @ 2.20GHz			9248		449		68.91		\$134.21*	
Intel Xeon E5-4627 v2 @ 3.30GHz			12511		259		24.58		\$508.95*	
Intel Xeon E5-4627 v3 @ 2.60GHz			14489		189		6.04		\$2,400.00*	
Intel Xeon E5-4627 v4 @ 2.60GHz			15516		166		6.97		\$2,225.00*	
Intel Xeon E5-4640 @ 2.40GHz			10807		321		3.96		\$2,730.00*	
Intel Xeon E5-4640 v3 @ 1.90GHz			12703		253		NA		NA	
Intel Xeon E5-4648 v3 @ 1.70GHz			11097		301		NA		NA	
Intel Xeon E5-4650 @ 2.70GHz			11685		285		166.96		\$69.99*	
Intel Xeon E5-4650L @ 2.60GHz			12145		274		101.22		\$119.99*	
Intel Xeon E5-4655 v3 @ 2.90GHz			12292		266		2.66		\$4,616.00*	
Intel Xeon E5-4657L v2 @ 2.40GHz			15896		156		11.36		\$1,399.00*	
Intel Xeon E5-4660 v3 @ 2.10GHz			15849		159		3.30		\$4,800.00*	
CPU Name			Passmark CPU Mark (higher is better)		Rank (lower is better)		CPU Value (higher is better)		Price (USD)	
Intel Xeon E5-4669 v3 @ 2.10GHz			19615		91		3.63		\$5,400.00*	
Intel Xeon E5-4669 v4 @ 2.20GHz			13626		219		NA		NA	
Intel Xeon E7- 2830 @ 2.13GHz			3118		1368		1.75		\$1,779.00*	
Intel Xeon E3110 @ 3.00GHz			2159		1710		93.93		\$22.99*	
Intel Xeon E3113 @ 3.00GHz			2427		1603		247.99		\$9.79*	
Intel Xeon E3120 @ 3.16GHz			2241		1681		NA		NA	
Intel Xeon E5205 @ 1.86GHz			1401		2073		148.77		\$9.42*	
Intel Xeon E5240 @ 3.00GHz			2424		1604		27.31		\$88.78*	
Intel Xeon E5310 @ 1.60GHz			2214		1691		45.19		\$49.00*	
Intel Xeon E5320 @ 1.86GHz			2288		1654		59.05		\$38.75*	
Intel Xeon E5335 @ 2.00GHz			2513		1573		141.45		\$17.77*	
Intel Xeon E5345 @ 2.33GHz			2886		1452		72.17		\$39.99*	
Intel Xeon E5405 @ 2.00GHz			2835		1462		70.97		\$39.95*	
Intel Xeon E5410 @ 2.33GHz			3259		1314		15.60		\$208.95*	

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	Intel Xeon E5420 @ 2.50GHz	3482	1261	55.31	\$62.95*
	Intel Xeon E5430 @ 2.66GHz	3751	1191	33.80	\$110.99*
	Intel Xeon E5440 @ 2.83GHz	3960	1141	40.00	\$99.00*
	Intel Xeon E5450 @ 3.00GHz	4180	1100	13.98	\$298.94
	Intel Xeon E5462 @ 2.80GHz	3872	1157	141.84	\$27.30*
	Intel Xeon E5472 @ 3.00GHz	4085	1117	136.00	\$30.04*
	Intel Xeon E5502 @ 1.87GHz	1378	2086	14.51	\$95.00*
	Intel Xeon E5503 @ 2.00GHz	1381	2083	4.81	\$287.01*
	Intel Xeon E5504 @ 2.00GHz	2680	1513	38.32	\$69.95*
	Intel Xeon E5506 @ 2.13GHz	2974	1412	47.21	\$63.01*
	Intel Xeon E5507 @ 2.27GHz	3125	1364	6.84	\$456.91*
	Intel Xeon E5520 @ 2.27GHz	4380	1058	306.99	\$14.27*
	Intel Xeon E5530 @ 2.40GHz	4494	1034	345.72	\$13.00*
	Intel Xeon E5540 @ 2.53GHz	4747	984	80.46	\$59.00*
	Intel Xeon E5603 @ 1.60GHz	2366	1628	18.34	\$129.04*
	Intel Xeon E5606 @ 2.13GHz	3054	1389	13.95	\$219.00*
	Intel Xeon E5607 @ 2.27GHz	3371	1287	48.71	\$69.21*
	Intel Xeon E5620 @ 2.40GHz	4770	977	80.87	\$58.99*
	Intel Xeon E5630 @ 2.53GHz	5055	920	144.43	\$35.00*
	Intel Xeon E5640 @ 2.67GHz	5250	885	187.60	\$27.99*
	Intel Xeon E5645 @ 2.40GHz	6424	740	79.01	\$81.31*
	Intel Xeon E5649 @ 2.53GHz	6869	696	66.01	\$104.07*
	Intel Xeon E7320 @ 2.13GHz	2413	1608	NA	NA
	Intel Xeon E-2104G @ 3.20GHz	7825	600	40.54	\$193.00*
	Intel Xeon E-2124 @ 3.30GHz	9373	435	42.61	\$219.99*
	Intel Xeon E-2124G @ 3.40GHz	9891	386	38.04	\$260.00
	Intel Xeon E-2126G @ 3.30GHz	13583	221	45.28	\$299.99*
	Intel Xeon E-2134 @ 3.50GHz	10882	315	39.31	\$276.84*
	Intel Xeon E-2136 @ 3.30GHz	15793	161	48.68	\$324.46*
	Intel Xeon E-2144G @ 3.60GHz	11381	291	32.34	\$351.90*
	Intel Xeon E-2146G @ 3.50GHz	15620	162	44.00	\$354.99*
	Intel Xeon E-2174G @ 3.80GHz	12274	268	30.46	\$402.99*
	Intel Xeon E-2176G @ 3.70GHz	15527	165	34.69	\$447.61*
	Intel Xeon E-2176M @ 2.70GHz	13546	224	30.10	\$450.00*
	Intel Xeon E-2186G @ 3.80GHz	15838	160	30.17	\$524.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)	
	Intel Xeon E-2186M @ 2.90GHz	14521	188	23.31	\$623.00*

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
	Intel Xeon E-2224 @ 3.40GHz	10241	353	51.72	\$198.00*
	Intel Xeon E-2224G @ 3.50GHz	9617	415	44.12	\$218.00*
	Intel Xeon E-2226G @ 3.40GHz	12887	246	49.57	\$260.00*
	Intel Xeon E-2244G @ 3.80GHz	12782	250	46.99	\$272.00*
	Intel Xeon E-2246G @ 3.60GHz	16023	150	51.52	\$311.00*
	Intel Xeon E-2274G @ 4.00GHz	12595	257	37.71	\$334.00*
	Intel Xeon E-2276G @ 3.80GHz	14143	201	39.07	\$362.00*
	Intel Xeon E-2276M @ 2.80GHz	14414	191	32.03	\$450.00*
	Intel Xeon E-2278GEL @ 2.00GHz	13914	208	28.17	\$494.00*
	Intel Xeon E-2286G @ 4.00GHz	16270	143	36.16	\$450.00*
	Intel Xeon E-2286M @ 2.40GHz	18544	101	29.77	\$623.00*
	Intel Xeon E-2288G @ 3.70GHz	19666	89	36.49	\$539.00*
	Intel Xeon Gold 5117 @ 2.00GHz	16672	130	NA	NA
	Intel Xeon Gold 5118 @ 2.30GHz	16435	134	15.66	\$1,049.36*
	Intel Xeon Gold 5120 @ 2.20GHz	18253	106	11.69	\$1,561.00*
	Intel Xeon Gold 5120T @ 2.20GHz	18145	109	10.51	\$1,727.00*
	Intel Xeon Gold 5122 @ 3.60GHz	10896	314	8.51	\$1,279.70
	Intel Xeon Gold 5218 @ 2.30GHz	22576	46	15.70	\$1,437.96
	Intel Xeon Gold 6126 @ 2.60GHz	19711	86	10.43	\$1,889.97*
	Intel Xeon Gold 6128 @ 3.40GHz	14941	179	8.49	\$1,759.75*
	Intel Xeon Gold 6130 @ 2.10GHz	19643	90	10.14	\$1,937.79
	Intel Xeon Gold 6132 @ 2.60GHz	23907	38	10.87	\$2,199.90
	Intel Xeon Gold 6134 @ 3.20GHz	18206	108	8.47	\$2,150.00
	Intel Xeon Gold 6136 @ 3.00GHz	21061	66	8.06	\$2,613.59*
	Intel Xeon Gold 6137 @ 3.90GHz	20443	71	NA	NA
	Intel Xeon Gold 6138 @ 2.00GHz	25774	22	9.55	\$2,698.95*
	Intel Xeon Gold 6140 @ 2.30GHz	23964	37	9.82	\$2,439.99*
	Intel Xeon Gold 6144 @ 3.50GHz	19667	88	6.72	\$2,925.00*
	Intel Xeon Gold 6146 @ 3.20GHz	25142	30	5.46	\$4,608.95*
	Intel Xeon Gold 6148 @ 2.40GHz	25817	21	8.83	\$2,925.00*
	Intel Xeon Gold 6152 @ 2.10GHz	23498	40	6.35	\$3,702.12*
	Intel Xeon Gold 6154 @ 3.00GHz	27722	16	7.09	\$3,909.00*
	Intel Xeon Gold 6210U @ 2.50GHz	28560	13	13.87	\$2,059.86*
	Intel Xeon Gold 6230 @ 2.10GHz	24600	31	13.37	\$1,840.64
	Intel Xeon Gold 6242 @ 2.80GHz	25313	27	9.45	\$2,678.49
	Intel Xeon Gold 6246 @ 3.30GHz	25734	24	7.83	\$3,286.00*
	Intel Xeon Gold 6254 @ 3.10GHz	30018	9	8.09	\$3,709.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L3110 @ 3.00GHz	2273	1664	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1186	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2108	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3943	1149	8.82	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1870	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1665	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1660	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1718	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1492	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3014	1397	NA	NA
Intel Xeon L5410 @ 2.33GHz	3358	1288	33.56	\$100.08*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5420 @ 2.50GHz	3501	1256	127.32	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3712	1201	23.51	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1199	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4324	1072	337.35	\$12.82*
Intel Xeon L5530 @ 2.40GHz	4389	1057	227.93	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4338	1068	206.69	\$20.99*
Intel Xeon L5638 @ 2.00GHz	5622	826	80.43	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6869	695	NA	NA
Intel Xeon L5640 @ 2.27GHz	6232	754	74.77	\$83.36*
Intel Xeon L7455 @ 2.13GHz	3836	1167	NA	NA
Intel Xeon MV 3.20GHz	683	2476	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26835	19	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	688	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	11	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	12	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	15	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	24434	36	2.80	\$8,725.00*
Intel Xeon Silver 4108 @ 1.80GHz	10838	319	21.25	\$509.95*
Intel Xeon Silver 4109T @ 2.00GHz	10946	312	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11657	286	29.33	\$397.41
Intel Xeon Silver 4112 @ 2.60GHz	8611	521	16.75	\$513.99*
Intel Xeon Silver 4114 @ 2.20GHz	14306	196	24.84	\$575.89
Intel Xeon Silver 4116 @ 2.10GHz	15509	167	16.44	\$943.13*
Intel Xeon Silver 4123 @ 3.00GHz	15185	172	NA	NA
Intel Xeon Silver 4208 @ 2.10GHz	13116	238	26.27	\$499.37

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
Intel Xeon Silver 4210 @ 2.20GHz			15974		153		27.92		\$572.18	
Intel Xeon Silver 4214 @ 2.20GHz			17630		114		27.03		\$652.16	
Intel Xeon Silver 4215 @ 2.50GHz			15200		171		20.29		\$749.00*	
Intel Xeon Silver 4216 @ 2.10GHz			19538		92		19.36		\$1,009.00	
Intel Xeon W3503 @ 2.40GHz			1757		1893		175.90		\$9.99*	
Intel Xeon W3505 @ 2.53GHz			1844		1856		74.18		\$24.86*	
Intel Xeon W3520 @ 2.67GHz			4940		945		102.93		\$48.00*	
Intel Xeon W3530 @ 2.80GHz			5217		892		17.75		\$293.95*	
Intel Xeon W3540 @ 2.93GHz			5399		864		271.06		\$19.92*	
Intel Xeon W3550 @ 3.07GHz			5567		838		185.63		\$29.99*	
Intel Xeon W3565 @ 3.20GHz			5778		807		289.06		\$19.99*	
Intel Xeon W3570 @ 3.20GHz			6047		781		12.60		\$479.95*	
Intel Xeon W3580 @ 3.33GHz			6183		761		28.83		\$214.50*	
Intel Xeon W3670 @ 3.20GHz			8021		575		16.04		\$499.99*	
Intel Xeon W3680 @ 3.33GHz			8904		493		55.67		\$159.95*	
Intel Xeon W3690 @ 3.47GHz			8978		482		46.04		\$195.01	
Intel Xeon W5580 @ 3.20GHz			5836		802		54.53		\$107.03*	
Intel Xeon W5590 @ 3.33GHz			6088		778		2.43		\$2,508.95*	
Intel Xeon W-2102 @ 2.90GHz			6981		680		29.70		\$235.05*	
Intel Xeon W-2104 @ 3.20GHz			7475		635		29.32		\$255.00*	
Intel Xeon W-2123 @ 3.60GHz			10663		328		33.43		\$318.99	
Intel Xeon W-2125 @ 4.00GHz			12326		264		25.24		\$488.40	
Intel Xeon W-2133 @ 3.60GHz			14382		192		23.31		\$617.00*	
Intel Xeon W-2135 @ 3.70GHz			16307		141		18.19		\$896.60	
CPU Name			Passmark CPU Mark (higher is better)		Rank (lower is better)		CPU Value (higher is better)		Price (USD)	
Intel Xeon W-2140B @ 3.20GHz			18610		100		NA		NA	
Intel Xeon W-2145 @ 3.70GHz			19765		83		16.61		\$1,189.76*	
Intel Xeon W-2150B @ 3.00GHz			21543		59		NA		NA	
Intel Xeon W-2155 @ 3.30GHz			21917		53		14.32		\$1,530.39*	
Intel Xeon W-2170B @ 2.50GHz			24561		33		NA		NA	
Intel Xeon W-2175 @ 2.50GHz			24454		35		11.54		\$2,118.74	
Intel Xeon W-2195 @ 2.30GHz			24481		34		7.04		\$3,478.65	
Intel Xeon W-3175X @ 3.10GHz			33538		4		10.94		\$3,065.47	
Intel Xeon W-3265 @ 2.70GHz			31691		7		9.46		\$3,349.00*	
Intel Xeon X3210 @ 2.13GHz			2740		1497		14.76		\$185.71*	
Intel Xeon X3220 @ 2.40GHz			3088		1376		51.35		\$60.15*	
Intel Xeon X3230 @ 2.66GHz			3398		1277		47.53		\$71.50*	

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
	Intel Xeon X3320 @ 2.50GHz	3306	1305	14.41	\$229.50*
	Intel Xeon X3323 @ 2.50GHz	3178	1343	164.16	\$19.36*
	Intel Xeon X3330 @ 2.66GHz	3340	1297	15.91	\$210.00*
	Intel Xeon X3350 @ 2.66GHz	3820	1172	63.69	\$59.99*
	Intel Xeon X3353 @ 2.66GHz	3853	1163	52.43	\$73.50*
	Intel Xeon X3360 @ 2.83GHz	3925	1154	24.85	\$157.95*
	Intel Xeon X3363 @ 2.83GHz	3982	1133	116.84	\$34.09*
	Intel Xeon X3370 @ 3.00GHz	4293	1079	11.70	\$367.02*
	Intel Xeon X3380 @ 3.16GHz	4600	1012	9.02	\$509.95*
	Intel Xeon X3430 @ 2.40GHz	3343	1295	104.52	\$31.99*
	Intel Xeon X3440 @ 2.53GHz	4511	1030	31.78	\$141.96*
	Intel Xeon X3450 @ 2.67GHz	4747	982	59.39	\$79.95*
	Intel Xeon X3460 @ 2.80GHz	5147	904	14.42	\$357.00*
	Intel Xeon X3470 @ 2.93GHz	5330	876	33.33	\$159.95*
	Intel Xeon X3480 @ 3.07GHz	5661	821	NA	NA
	Intel Xeon X5260 @ 3.33GHz	2455	1594	45.47	\$54.00*
	Intel Xeon X5270 @ 3.50GHz	2553	1558	NA	NA
	Intel Xeon X5272 @ 3.40GHz	2394	1617	17.10	\$140.00*
	Intel Xeon X5355 @ 2.66GHz	3170	1346	10.23	\$309.95
	Intel Xeon X5365 @ 3.00GHz	3524	1245	45.19	\$77.99
	Intel Xeon X5450 @ 3.00GHz	4106	1113	68.49	\$59.96*
	Intel Xeon X5460 @ 3.16GHz	4323	1073	43.33	\$99.78*
	Intel Xeon X5470 @ 3.33GHz	4578	1017	24.23	\$189.00*
	Intel Xeon X5472 @ 3.00GHz	4001	1129	17.78	\$225.00*
	Intel Xeon X5482 @ 3.20GHz	4528	1028	45.29	\$99.99*
	Intel Xeon X5492 @ 3.40GHz	4865	959	3.50	\$1,391.29*
	Intel Xeon X5550 @ 2.67GHz	5270	883	17.29	\$304.85*
	Intel Xeon X5560 @ 2.80GHz	5405	861	159.04	\$33.99*
	Intel Xeon X5570 @ 2.93GHz	5614	830	23.40	\$239.95*
	Intel Xeon X5647 @ 2.93GHz	5797	803	290.91	\$19.93*
	Intel Xeon X5650 @ 2.67GHz	7291	654	105.01	\$69.43*
	Intel Xeon X5660 @ 2.80GHz	7589	625	120.11	\$63.19*
	Intel Xeon X5667 @ 3.07GHz	6198	760	265.70	\$23.33*
	Intel Xeon X5670 @ 2.93GHz	7812	602	229.78	\$34.00
	Intel Xeon X5672 @ 3.20GHz	6461	736	143.61	\$44.99*
	Intel Xeon X5675 @ 3.07GHz	7993	580	150.86	\$52.99
	Intel Xeon X5677 @ 3.47GHz	6754	706	79.46	\$85.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon X5679 @ 3.20GHz</u>	8958	485	NA	NA
<u>Intel Xeon X5680 @ 3.33GHz</u>	8352	545	<u>119.41</u>	<u>\$69.95</u>
<u>Intel Xeon X5687 @ 3.60GHz</u>	6967	684	<u>123.71</u>	<u>\$56.32*</u>
<u>Intel Xeon X5690 @ 3.47GHz</u>	8794	502	<u>71.50</u>	<u>\$123.00</u>
<u>Intel Xeon X5698 @ 4.40GHz</u>	4272	1081	NA	NA
<u>Intel Xeon X6550 @ 2.00GHz</u>	2977	1411	NA	NA
<u>Mobile AMD Athlon 4</u>	314	2779	<u>3.62</u>	<u>\$86.99*</u>
<u>Mobile AMD Athlon 4 2400+</u>	358	2734	NA	NA
<u>Mobile AMD Athlon 64 2700+</u>	398	2685	NA	NA
<u>Mobile AMD Athlon 64 2800+</u>	440	2636	NA	NA
<u>Mobile AMD Athlon 64 3000+</u>	450	2624	NA	NA
<u>Mobile AMD Athlon 64 3200+</u>	448	2628	NA	NA
<u>Mobile AMD Athlon 64 3400+</u>	511	2567	NA	NA
<u>Mobile AMD Athlon 64 3700+</u>	435	2646	NA	NA
<u>Mobile AMD Athlon 64 4000+</u>	576	2528	NA	NA
<u>Mobile AMD Athlon 1400+</u>	266	2854	NA	NA
<u>Mobile AMD Athlon 2500+</u>	370	2718	NA	NA
<u>Mobile AMD Athlon MP-M 1800+</u>	265	2855	NA	NA
<u>Mobile AMD Athlon MP-M 2000+</u>	378	2708	NA	NA
<u>Mobile AMD Athlon MP-M 2400+</u>	295	2808	NA	NA
<u>Mobile AMD Athlon MP-M 2800+</u>	496	2579	NA	NA
<u>Mobile AMD Athlon XP</u>	572	2532	<u>45.81</u>	<u>\$12.49</u>
<u>Mobile AMD Athlon XP-M</u>	512	2566	NA	NA
<u>Mobile AMD Athlon XP-M 1400+</u>	184	2936	NA	NA
<u>Mobile AMD Athlon XP-M 1500+</u>	261	2858	NA	NA
<u>Mobile AMD Athlon XP-M 1600+</u>	260	2860	NA	NA
<u>Mobile AMD Athlon XP-M 1700+</u>	323	2767	NA	NA
<u>Mobile AMD Athlon XP-M 1800+</u>	297	2803	NA	NA
<u>Mobile AMD Athlon XP-M 1900+</u>	342	2751	NA	NA
<u>Mobile AMD Athlon XP-M 2000+</u>	300	2797	NA	NA
<u>Mobile AMD Athlon XP-M 2200+</u>	364	2728	NA	NA
<u>Mobile AMD Athlon XP-M 2400+</u>	346	2746	NA	NA
<u>Mobile AMD Athlon XP-M 2500+</u>	346	2744	NA	NA
<u>Mobile AMD Athlon XP-M 2600+</u>	370	2717	NA	NA
<u>Mobile AMD Athlon XP-M 2800+</u>	365	2726	NA	NA
<u>Mobile AMD Athlon XP-M 3000+</u>	365	2725	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>Mobile AMD Athlon XP-M 3100+</u>			440		2637		NA		NA	
<u>Mobile AMD Athlon XP-M 3200+</u>			487		2584		NA		NA	
<u>Mobile AMD Athlon XP-M (LV)</u>			508		2570		NA		NA	
<u>Mobile AMD Athlon XP-M (LV) 1500+</u>			288		2816		NA		NA	
<u>Mobile AMD Athlon XP-M (LV) 1600+</u>			296		2807		NA		NA	
<u>Mobile AMD Athlon XP-M (LV) 2000+</u>			335		2756		NA		NA	
<u>Mobile AMD Athlon XP-M (LV) 2200+</u>			373		2715		NA		NA	
<u>Mobile AMD Athlon XP-M (LV) 2800+</u>			475		2600		NA		NA	
<u>Mobile AMD Athlon XP-M (LV) 3200+</u>			505		2573		NA		NA	
<u>Mobile AMD Sempron 2100+</u>			252		2869		NA		NA	
<u>Mobile AMD Sempron 2600+</u>			394		2691		NA		NA	
<u>Mobile AMD Sempron 2800+</u>			361		2731		NA		NA	
<u>Mobile AMD Sempron 3000+</u>			389		2702		NA		NA	
CPU Name			Passmark CPU Mark (higher is better)		Rank (lower is better)		CPU Value (higher is better)		Price (USD)	
<u>Mobile AMD Sempron 3100+</u>			416		2659		NA		NA	
<u>Mobile AMD Sempron 3200+</u>			354		2738		NA		NA	
<u>Mobile AMD Sempron 3300+</u>			446		2632		NA		NA	
<u>Mobile AMD Sempron 3400+</u>			441		2635		NA		NA	
<u>Mobile AMD Sempron 3500+</u>			408		2668		NA		NA	
<u>Mobile AMD Sempron 3600+</u>			427		2653		NA		NA	
<u>Mobile AMD Sempron 3800+</u>			485		2590		NA		NA	
<u>Mobile Intel Celeron 1.20GHz</u>			170		2947		NA		NA	
<u>Mobile Intel Celeron 1.50GHz</u>			188		2931		NA		NA	
<u>Mobile Intel Celeron 1.60GHz</u>			188		2932		NA		NA	
<u>Mobile Intel Celeron 1.70GHz</u>			181		2940		NA		NA	
<u>Mobile Intel Celeron 1.80GHz</u>			186		2934		NA		NA	
<u>Mobile Intel Celeron 2.00GHz</u>			204		2916		NA		NA	
<u>Mobile Intel Celeron 2.20GHz</u>			226		2896		NA		NA	
<u>Mobile Intel Celeron 2.40GHz</u>			236		2888		NA		NA	
<u>Mobile Intel Celeron 2.50GHz</u>			281		2835		NA		NA	
<u>Mobile Intel Celeron 1200MHz</u>			294		2809		NA		NA	
<u>Mobile Intel Celeron 1333MHz</u>			280		2837		NA		NA	
<u>Mobile Intel Pentium 4 2.30GHz</u>			278		2842		6.38		\$43.56*	
<u>Mobile Intel Pentium 4 2.40GHz</u>			264		2857		NA		NA	
<u>Mobile Intel Pentium 4 2.66GHz</u>			279		2839		NA		NA	
<u>Mobile Intel Pentium 4 2.80GHz</u>			315		2777		NA		NA	
<u>Mobile Intel Pentium 4 3.06GHz</u>			337		2753		NA		NA	

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 3.20GHz	356	2735	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2638	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2598	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2926	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2946	1.10	\$157.81
Mobile Intel Pentium 4 - M 1.80GHz	175	2943	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2891	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2921	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2923	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2907	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2864	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2781	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2910	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2922	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2872	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2814	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2897	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2815	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1580	NA	NA
Quad-Core AMD Opteron 1385	3442	1269	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3446	1268	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1432	NA	NA
VIA C3 Ezra	100	2975	NA	NA
VIA C7 1500MHz	284	2826	NA	NA
VIA C7-D 1500MHz	287	2822	NA	NA
VIA C7-D 1800MHz	203	2918	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA C7-D 2000MHz	368	2721	NA	NA
VIA C7-M 1000MHz	164	2949	NA	NA
VIA C7-M 1200MHz	140	2962	NA	NA
VIA C7-M 1600MHz	178	2942	NA	NA
VIA C7-M 6300MHz	222	2899	NA	NA
VIA Eden 800MHz	155	2953	NA	NA
VIA Eden 1000MHz	123	2970	NA	NA
VIA Eden 1200MHz	142	2961	NA	NA
VIA Eden C1050@1.06GHz	352	2741	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	499	2576	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	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	<u>VIA Eden X4 C4250 @ 1.2+GHz</u>	1262	2157	NA	NA
	<u>VIA Esther 1000MHz</u>	146	2960	NA	NA
	<u>VIA Esther 1300MHz</u>	250	2871	NA	NA
	<u>VIA Esther 1500MHz</u>	219	2901	NA	NA
	<u>VIA Esther 2000MHz</u>	394	2690	NA	NA
	<u>VIA Nano L1900@1400MHz</u>	457	2618	NA	NA
	<u>VIA Nano L2007@1600MHz</u>	369	2719	NA	NA
	<u>VIA Nano L2100@1800MHz</u>	428	2651	NA	NA
	<u>VIA Nano L2207@1600MHz</u>	296	2805	NA	NA
	<u>VIA Nano L3025@1600MHz</u>	517	2563	NA	NA
	<u>VIA Nano L3050@1800MHz</u>	581	2525	NA	NA
	<u>VIA Nano L3600@2000MHz</u>	645	2492	NA	NA
	<u>VIA Nano U2250 (1.6GHz Capable)</u>	415	2660	NA	NA
	<u>VIA Nano U2250@1300+MHz</u>	274	2846	NA	NA
	<u>VIA Nano U2500@1200MHz</u>	306	2788	NA	NA
	<u>VIA Nano U3100 (1.6GHz Capable)</u>	501	2574	NA	NA
	<u>VIA Nano U3300@1200MHz</u>	409	2667	NA	NA
	<u>VIA Nano U3500@1000MHz</u>	275	2844	NA	NA
	<u>VIA Nano X2 U4025 @ 1.2 GHz</u>	605	2510	NA	NA
	<u>VIA Nehemiah</u>	155	2954	NA	NA
	<u>VIA QuadCore C4650@2.0GHz</u>	1897	1828	NA	NA
	<u>VIA QuadCore L4700 @ 1.2+ GHz</u>	1363	2095	NA	NA
	<u>VIA QuadCore U4650 @ 1.0+ GHz</u>	1173	2204	NA	NA
	<u>VIA Samuel 2</u>	79	2977	NA	NA
	<u>ZHAOXIN KaiXian KX-U6780A@2.7GHz</u>	5760	813	NA	NA
	<u>ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz</u>	2069	1749	NA	NA

* - Last price seen from our affiliates.

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks **Multi-CPU Systems** All CPU Systems Android iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	331	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	152	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	437	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	443	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	489	NA	NA
[Dual CPU] AMD EPYC 7251	12955	208	13.36	\$969.56
[Dual CPU] AMD EPYC 7261	12430	215	13.89	\$894.94
[Dual CPU] AMD EPYC 7281	13293	204	10.47	\$1,269.98
[Dual CPU] AMD EPYC 7371	19370	133	6.25	\$3,100.00*
[Dual CPU] AMD EPYC 7401	23518	81	7.24	\$3,249.80
[Dual CPU] AMD EPYC 7451	28957	46	6.08	\$4,759.88
[Dual CPU] AMD EPYC 7501	28991	45	7.03	\$4,121.72
[Dual CPU] AMD EPYC 7551	31452	33	11.08	\$2,839.80
[Dual CPU] AMD EPYC 7601	33545	25	5.34	\$6,279.12
[Dual CPU] AMD EPYC 7742	55574	1	4.00	\$13,900.00*
[Dual CPU] AMD Opteron 246	1130	478	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	479	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	474	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	475	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	484	NA	NA
[Dual CPU] AMD Opteron 256	1853	471	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	469	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	465	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	468	13.00	\$164.10*
[Dual CPU] AMD Opteron 280	2452	460	18.86	\$130.00
[Dual CPU] AMD Opteron 285	2769	450	17.32	\$159.90
[Dual CPU] AMD Opteron 290	2716	452	10.06	\$270.00*
[Dual CPU] AMD Opteron 850	1410	476	0.47	\$3,028.00*
[Dual CPU] AMD Opteron 885	2851	446	NA	NA
[Dual CPU] AMD Opteron 2212	2203	466	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	461	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	459	NA	NA
[Dual CPU] AMD Opteron 2216	2485	458	48.16	\$51.60
[Dual CPU] AMD Opteron 2216 HE	2593	454	NA	NA
[Dual CPU] AMD Opteron 2218	2719	451	17.00	\$159.90

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 2218 HE	2514	455	NA	NA		
[Dual CPU] AMD Opteron 2220	2854	445	17.85	\$159.90		
[Dual CPU] AMD Opteron 2220 SE	2882	444	57.64	\$50.00*		
[Dual CPU] AMD Opteron 2222	2998	441	0.90	\$3,329.96*		
[Dual CPU] AMD Opteron 2222 SE	3257	435	45.30	\$71.90*		
[Dual CPU] AMD Opteron 2346 HE	4095	425	NA	NA		
[Dual CPU] AMD Opteron 2347 HE	3470	432	7.36	\$471.66*		
[Dual CPU] AMD Opteron 2350	4078	426	25.50	\$159.90*		
[Dual CPU] AMD Opteron 2354	4554	414	6.86	\$664.06*		
[Dual CPU] AMD Opteron 2356	4441	417	42.70	\$104.00*		
[Dual CPU] AMD Opteron 2360 SE	5315	396	75.93	\$70.00		
[Dual CPU] AMD Opteron 2373 EE	4164	423	NA	NA		
[Dual CPU] AMD Opteron 2374 HE	4799	410	36.92	\$130.00		
[Dual CPU] AMD Opteron 2376	5238	397	15.70	\$333.62*		
[Dual CPU] AMD Opteron 2378	5318	395	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	5560	389	61.78	\$90.00		
[Dual CPU] AMD Opteron 2384	5714	382	3.40	\$1,680.00*		
[Dual CPU] AMD Opteron 2387	6239	369	NA	NA		
[Dual CPU] AMD Opteron 2389	5677	383	48.11	\$118.00*		
[Dual CPU] AMD Opteron 2419	5191	399	216.47	\$23.98*		
[Dual CPU] AMD Opteron 2425 HE	6209	370	NA	NA		
[Dual CPU] AMD Opteron 2427	5907	379	36.94	\$159.90		
[Dual CPU] AMD Opteron 2431	6438	363	80.48	\$80.00*		
[Dual CPU] AMD Opteron 2435	7068	347	54.37	\$130.00		
[Dual CPU] AMD Opteron 2439 SE	8071	317	44.84	\$179.98*		
[Dual CPU] AMD Opteron 4122	4076	427	16.31	\$249.98*		
[Dual CPU] AMD Opteron 4130	5651	385	24.58	\$229.90*		
[Dual CPU] AMD Opteron 4170 HE	6344	366	53.76	\$118.00*		
[Dual CPU] AMD Opteron 4180	6367	364	7.77	\$819.90*		
[Dual CPU] AMD Opteron 4184	7813	321	7.51	\$1,039.90*		
[Dual CPU] AMD Opteron 4226	8088	316	80.90	\$99.98*		
[Dual CPU] AMD Opteron 4228 HE	7986	318	NA	NA		
[Dual CPU] AMD Opteron 4234	8953	291	19.46	\$459.98*		
[Dual CPU] AMD Opteron 4274 HE	6797	354	84.98	\$79.98*		
[Dual CPU] AMD Opteron 4276 HE	9681	275	NA	NA		
[Dual CPU] AMD Opteron 4280	4525	415	45.25	\$100.00*		

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
[Dual CPU] AMD Opteron 4284			9151		284		76.27		\$119.98*	
[Dual CPU] AMD Opteron 4334			9462		282		21.86		\$432.84*	
[Dual CPU] AMD Opteron 4340			10419		255		21.71		\$479.98*	
[Dual CPU] AMD Opteron 4376 HE			10244		263		8.15		\$1,257.44*	
[Dual CPU] AMD Opteron 4386			11410		236		40.75		\$279.98*	
[Dual CPU] AMD Opteron 6128			6762		355		178.04		\$37.98	
[Dual CPU] AMD Opteron 6128 HE			5582		388		NA		NA	
[Dual CPU] AMD Opteron 6132 HE			8657		301		NA		NA	
[Dual CPU] AMD Opteron 6134			7586		333		86.22		\$87.98*	
[Dual CPU] AMD Opteron 6136			7255		341		32.98		\$220.00*	
[Dual CPU] AMD Opteron 6164 HE			5109		402		NA		NA	
[Dual CPU] AMD Opteron 6168			7741		328		6.67		\$1,159.90	
[Dual CPU] AMD Opteron 6172			7621		332		19.24		\$396.00*	
[Dual CPU] AMD Opteron 6174			7783		323		59.87		\$130.00	
[Dual CPU] AMD Opteron 6176 SE			8448		306		26.57		\$318.00*	
[Dual CPU] AMD Opteron 6180 SE			3114		438		16.40		\$189.90	
[Dual CPU] AMD Opteron 6204			7134		343		50.96		\$139.98*	
[Dual CPU] AMD Opteron 6212			8927		295		148.83		\$59.98*	
[Dual CPU] AMD Opteron 6220			10740		250		89.51		\$119.98*	
[Dual CPU] AMD Opteron 6234			10079		268		168.26		\$59.90*	
[Dual CPU] AMD Opteron 6238			10349		257		14.38		\$719.78*	
[Dual CPU] AMD Opteron 6272			9841		272		70.30		\$139.98	
[Dual CPU] AMD Opteron 6274			10536		252		117.09		\$89.98	
[Dual CPU] AMD Opteron 6275			10900		248		NA		NA	
[Dual CPU] AMD Opteron 6276			10101		267		29.88		\$338.00	
[Dual CPU] AMD Opteron 6284 SE			11985		229		17.12		\$699.98*	
[Dual CPU] AMD Opteron 6308			8349		308		13.47		\$619.96	
[Dual CPU] AMD Opteron 6320			10716		251		20.88		\$513.18	
CPU Name			Passmark CPU Mark (higher is better)		Rank (lower is better)		CPU Value (higher is better)		Price (USD)	
[Dual CPU] AMD Opteron 6328			12013		228		16.73		\$718.00	
[Dual CPU] AMD Opteron 6344			11203		241		14.40		\$778.00*	
[Dual CPU] AMD Opteron 6348			11412		235		18.64		\$612.20	
[Dual CPU] AMD Opteron 6366 HE			12147		222		202.52		\$59.98*	
[Dual CPU] AMD Opteron 6376			10452		254		80.40		\$130.00	
[Dual CPU] AMD Opteron 6378			9145		285		24.07		\$380.00	
[Dual CPU] AMD Opteron 6380			14200		187		120.34		\$118.00	
[Dual CPU] AMD Opteron 6386 SE			12195		221		42.05		\$289.98	

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
	[Dual CPU] AMD Opteron 8218	2831	447	61.54	\$46.00*
	[Dual CPU] AMD Opteron 8220	2510	456	15.70	\$159.90
	[Dual CPU] AMD Opteron 8222 SE	2793	449	0.45	\$6,180.64*
	[Dual CPU] AMD Opteron 8354	3223	436	67.15	\$48.00
	[Dual CPU] AMD Opteron 8380	5643	386	13.70	\$412.02*
	[Dual CPU] AMD Opteron 8381 HE	5210	398	NA	NA
	[Dual CPU] AMD Opteron 8389	6517	360	41.25	\$158.00*
	[Dual CPU] AMD Opteron 8431	5813	380	207.76	\$27.98*
	[Dual CPU] AMD Opteron 8435	6739	356	46.80	\$144.00*
	[Dual CPU] AMD Opteron 8439 SE	7691	330	64.09	\$120.00*
	[Dual CPU] C-QuadCore C4700@2.0GHz	1163	477	NA	NA
	[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	463	NA	NA
	[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	431	NA	NA
	[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	320	2.19	\$3,611.90*
	[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	498	NA	NA
	[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	496	NA	NA
	[Dual CPU] Intel Pentium III 1400 @ 1400MHz	539	493	NA	NA
	[Dual CPU] Intel Pentium III 1400S @ 1400MHz	540	492	NA	NA
	[Dual CPU] Intel XEON 1.80GHz	362	499	NA	NA
	[Dual CPU] Intel Xeon 2.00GHz	339	500	NA	NA
	[Dual CPU] Intel XEON 2.20GHz	453	497	NA	NA
	[Dual CPU] Intel Xeon 2.40GHz	473	495	25.99	\$18.20*
	[Dual CPU] Intel Xeon 2.66GHz	601	490	NA	NA
	[Dual CPU] Intel Xeon 2.80GHz	679	486	NA	NA
	[Dual CPU] Intel Xeon 3.00GHz	771	485	NA	NA
	[Dual CPU] Intel Xeon 3.06GHz	604	488	NA	NA
	[Dual CPU] Intel Xeon 3.20GHz	852	483	NA	NA
	[Dual CPU] Intel Xeon 3.40GHz	889	482	NA	NA
	[Dual CPU] Intel Xeon 3.60GHz	927	481	0.54	\$1,702.00*
	[Dual CPU] Intel Xeon 3.73GHz	1854	470	NA	NA
	[Dual CPU] Intel Xeon 3.80GHz	993	480	0.58	\$1,702.00*
	[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	467	30.53	\$70.00*
	[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2315	462	0.71	\$3,239.98*
	[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	453	26.73	\$97.98*

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	439	NA	NA
	[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2975	442	59.52	\$49.98*
	[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	440	114.20	\$26.26*
	[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3409	433	12.18	\$279.90*
	[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3826	429	38.27	\$99.98
	[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8929	294	18.50	\$482.76
	[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11012	245	15.45	\$712.54*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)	
	[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	371	64.96	\$95.50
	[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	368	87.58	\$71.98*
	[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	339	43.00	\$169.84*
	[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	287	49.14	\$183.50
	[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11299	238	14.49	\$780.04*
	[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	230	143.25	\$83.14
	[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	311	NA	NA
	[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13220	207	65.37	\$202.24
	[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	191	68.82	\$200.00
	[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	10818	249	167.57	\$64.56*
	[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	218	NA	NA
	[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	12419	216	155.28	\$79.98
	[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	209	12.60	\$1,019.90*
	[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	11334	237	NA	NA
	[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	14276	186	119.01	\$119.96
	[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	15106	178	47.51	\$317.98
	[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11664	232	44.86	\$260.00*
	[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	13442	201	52.51	\$256.00*
	[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	142	41.83	\$444.00
	[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	367	66.25	\$95.70*
	[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	359	54.34	\$119.98*
	[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	307	62.24	\$134.46
	[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8932	293	17.18	\$520.00*

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Passmark CPU Mark (higher is better)	RAM	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
			mark	PC Systems	Android	iOS / iPhone	
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz			8162		314	42.49	\$192.08*
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz			9017		288	94.92	\$95.00*
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz			10029		270	47.29	\$212.06*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz			10993		246	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz			12233		220	210.99	\$57.98
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz			13225		206	165.35	\$79.98
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz			15263		176	16.03	\$952.44
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz			16453		161	22.54	\$729.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz			14339		185	11.05	\$1,298.00*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz			12620		212	11.49	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz			14589		183	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz			13443		200	168.29	\$79.88*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz			15944		167	181.43	\$87.88
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz			18512		146	94.45	\$196.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz			18725		141	16.75	\$1,118.00
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz			11172		242	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz			13706		193	175.27	\$78.20*
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz			15183		177	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz			7706		329	4.35	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz			15884		169	93.45	\$169.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz			16395		162	49.62	\$330.38
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz			16703		160	7.82	\$2,136.08
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz			14644		182	122.14	\$119.90
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz			14505		184	38.33	\$378.38
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz			19797		126	73.32	\$270.00*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz			20530		120	11.15	\$1,840.54*
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	Passmark CPU Mark (higher is better)	RAM	Rank (lower is better)	PC Systems	CPU Value (higher is better)	Android	Price (USD)	iOS / iPhone
			[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz		20664	117	53.15		\$388.82	
			[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz		21029	110	40.44		\$519.98	
			[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz		21534	104	6.44		\$3,342.50*	
			[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz		12399	217	NA		NA	
			[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz		13801	190	4.67		\$2,958.00*	
			[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz		18089	148	5.79		\$3,121.72*	
			[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz		15036	179	172.83		\$87.00	
			[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz		18872	139	107.73		\$175.18	
			[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz		20294	122	82.82		\$245.04	
			[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz		20809	115	10.31		\$2,018.00	
			[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz		13621	197	86.21		\$158.00*	
			[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz		14004	188	51.55		\$271.68*	
			[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz		20924	111	6.99		\$2,992.00*	
			[Dual CPU] Intel Xeon E5-2652 v3 @ 2.30GHz		19588	129	8.36		\$2,342.00*	
			[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz		13855	189	4.74		\$2,924.00*	
			[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz		18822	140	52.29		\$359.98*	
			[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz		19391	132	NA		NA	
			[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz		17786	151	4.85		\$3,664.00*	
			[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz		16378	163	62.12		\$263.64*	
			[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz		17795	150	41.79		\$425.78	
			[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz		22374	97	34.96		\$639.90	
			[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz		23086	87	7.70		\$2,999.98*	
			[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz		23137	86	NA		NA	
			[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz		17053	156	83.29		\$204.74*	
			[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz		24877	72	NA		NA	
			[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz		16370	164	158.32		\$103.40	
			[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz		22686	93	34.37		\$660.00*	

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Passmark CPU Mark (higher is better)	RAM	Rank (lower is better)	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 E5-2667 v3 @ 3.20GHz			22605		94	28.39	\$796.28	
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz			22916		89	5.88	\$3,898.06*	
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz			18165		147	62.64	\$290.00	
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz			20642		119	49.38	\$418.00	
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz			22298		98	71.93	\$309.98	
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz			23393		83	NA	NA	
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz			21751		103	15.54	\$1,400.00*	
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz			26537		61	NA	NA	
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz			19762		127	NA	NA	
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz			20856		114	NA	NA	
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz			29934		39	5.54	\$5,404.00*	
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz			18571		143	124.94	\$148.64	
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz			21461		105	61.32	\$350.00	
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz			24220		78	17.94	\$1,350.38	
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz			22761		91	7.54	\$3,018.00*	
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz			16920		157	NA	NA	
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz			21194		109	20.78	\$1,019.98*	
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz			24989		70	5.66	\$4,417.86*	
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz			22049		100	NA	NA	
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz			26907		59	NA	NA	
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz			28784		49	NA	NA	
CPU Name			Passmark CPU Mark (higher is better)		Rank (lower is better)	CPU Value (higher is better)	Price (USD)	
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz			20787		116	50.21	\$414.00*	
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz			23315		84	32.39	\$719.80*	
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz			24293		77	20.59	\$1,179.98	
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz			26649		60	6.13	\$4,349.98*	

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
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz			25703		67		NA		NA	
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz			19635		128		73.82		\$266.00	
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz			23560		80		43.22		\$545.16	
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz			25801		66		52.66		\$490.00	
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz			27411		56		6.32		\$4,339.98*	
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz			20906		112		40.36		\$517.98	
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz			24793		73		25.30		\$979.98*	
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz			24651		76		2.12		\$11,616.00	
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz			23501		82		NA		NA	
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz			30313		38		6.07		\$4,996.00*	
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz			31774		32		5.28		\$6,019.90*	
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz			23297		85		37.70		\$618.00	
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz			27386		57		28.21		\$970.82	
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz			30440		37		4.98		\$6,109.98*	
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz			29460		43		NA		NA	
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz			28325		52		19.16		\$1,478.00	
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz			30833		36		4.78		\$6,452.00*	
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz			32235		30		4.44		\$7,259.18*	
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz			24133		79		NA		NA	
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz			26341		63		10.89		\$2,418.00	
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz			34013		23		5.06		\$6,719.00	
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz			20653		118		NA		NA	
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz			15383		173		85.56		\$179.80*	
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz			19491		131		19.15		\$1,017.90*	
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz			15897		168		2.91		\$5,460.00*	
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz			19209		136		35.31		\$544.08*	

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Passmark CPU Mark (higher is better)	RAM	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
			mark	PC Systems	Android	iOS / iPhone	
[Dual CPU] Intel Xeon E5-4640 v3 @ 1.90GHz			20468		121	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz			19583		130	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz			18565		144	132.63	\$139.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz			14876		180	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650 v4 @ 2.20GHz			21855		102	2.85	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz			13742		192	57.26	\$239.98*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz			22461		95	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz			27457		55	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz			12145		223	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz			15686		170	NA	NA
[Dual CPU] Intel Xeon E7-4830 @ 2.13GHz			9539		281	147.66	\$64.60*
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz			22412		96	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz			12016		227	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz			15263		175	40.38	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz			10965		247	27.41	\$399.98*
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz			10207		265	1.02	\$10,017.02*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz			2279		464	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz			4038		428	22.74	\$177.56*
CPU Name			Passmark CPU Mark (higher is better)		Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5310 @ 1.60GHz			3554		430	36.27	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz			4166		422	53.75	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz			4944		405	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz			4559		413	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz			5120		401	64.02	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz			5134		400	64.26	\$79.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz			6008		376	14.38	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz			6348		365	50.42	\$125.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz			6828		353	30.76	\$221.98*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz			7119		344	35.95	\$198.00*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz			7499		336	12.54	\$597.88
[Dual CPU] Intel Xeon E5462 @ 2.80GHz			7093		346	129.91	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz			7774		324	129.39	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz			2492		457	13.12	\$190.00*

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
[Dual CPU]	Intel Xeon E5503 @ 2.00GHz	2805	448	4.89	\$574.02*
[Dual CPU]	Intel Xeon E5504 @ 2.00GHz	4878	409	34.87	\$139.90*
[Dual CPU]	Intel Xeon E5506 @ 2.13GHz	4990	404	39.60	\$126.02*
[Dual CPU]	Intel Xeon E5507 @ 2.27GHz	5410	392	5.92	\$913.82*
[Dual CPU]	Intel Xeon E5520 @ 2.27GHz	7300	340	255.78	\$28.54*
[Dual CPU]	Intel Xeon E5530 @ 2.40GHz	7576	334	291.38	\$26.00*
[Dual CPU]	Intel Xeon E5540 @ 2.53GHz	7753	326	65.70	\$118.00*
[Dual CPU]	Intel Xeon E5603 @ 1.60GHz	4139	424	16.04	\$258.08*
[Dual CPU]	Intel Xeon E5606 @ 2.13GHz	5505	390	12.57	\$438.00*
[Dual CPU]	Intel Xeon E5607 @ 2.27GHz	5947	378	42.96	\$138.42*
[Dual CPU]	Intel Xeon E5620 @ 2.40GHz	7981	319	67.65	\$117.98*
[Dual CPU]	Intel Xeon E5630 @ 2.53GHz	8329	309	118.99	\$70.00*
[Dual CPU]	Intel Xeon E5640 @ 2.67GHz	8664	300	154.77	\$55.98*
[Dual CPU]	Intel Xeon E5645 @ 2.40GHz	10237	264	62.95	\$162.62*
[Dual CPU]	Intel Xeon E5649 @ 2.53GHz	10259	261	49.29	\$208.14*
[Dual CPU]	Intel Xeon E7340 @ 2.40GHz	5444	391	87.81	\$62.00*
[Dual CPU]	Intel Xeon E7440 @ 2.40GHz	5376	394	29.87	\$179.98*
[Dual CPU]	Intel Xeon E7540 @ 2.00GHz	6738	357	210.96	\$31.94*
[Dual CPU]	Intel Xeon Gold 5115 @ 2.40GHz	22011	101	8.41	\$2,618.10*
[Dual CPU]	Intel Xeon Gold 5117 @ 2.00GHz	21437	106	NA	NA
[Dual CPU]	Intel Xeon Gold 5117M @ 2.00GHz	21250	108	NA	NA
[Dual CPU]	Intel Xeon Gold 5118 @ 2.30GHz	22810	90	10.87	\$2,098.72*
[Dual CPU]	Intel Xeon Gold 5120 @ 2.20GHz	25109	69	8.04	\$3,122.00*
[Dual CPU]	Intel Xeon Gold 5122 @ 3.60GHz	17463	153	6.82	\$2,559.40
[Dual CPU]	Intel Xeon Gold 5217 @ 3.00GHz	22282	99	7.32	\$3,044.00*
[Dual CPU]	Intel Xeon Gold 5218T @ 2.10GHz	27355	58	10.14	\$2,698.00*
[Dual CPU]	Intel Xeon Gold 5220 @ 2.20GHz	22983	88	6.92	\$3,319.90*
[Dual CPU]	Intel Xeon Gold 5222 @ 3.80GHz	19113	138	7.83	\$2,442.00*
[Dual CPU]	Intel Xeon Gold 6126 @ 2.60GHz	28610	50	7.57	\$3,779.94*
[Dual CPU]	Intel Xeon Gold 6126T @ 2.60GHz	19161	137	5.14	\$3,730.00*
[Dual CPU]	Intel Xeon Gold 6128 @ 3.40GHz	22725	92	6.46	\$3,519.50*
[Dual CPU]	Intel Xeon Gold 6130 @ 2.10GHz	26366	62	6.80	\$3,875.58
[Dual CPU]	Intel Xeon Gold 6132 @ 2.60GHz	27522	54	6.26	\$4,399.80
[Dual CPU]	Intel Xeon Gold 6134 @ 3.20GHz	24666	75	5.74	\$4,300.00
[Dual CPU]	Intel Xeon Gold 6136 @ 3.00GHz	29725	41	5.69	\$5,227.18*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	53	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34125	22	6.32	\$5,397.90*
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	29	6.68	\$4,879.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	47	4.72	\$6,116.66*
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	29907	40	NA	NA
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28802	48	4.92	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29655	42	3.22	\$9,217.90*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36731	16	6.28	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32941	28	5.01	\$6,569.90*
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33142	26	4.48	\$7,404.24*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	14	4.75	\$7,818.00*
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	24959	71	5.62	\$4,440.00*
[Dual CPU] Intel Xeon Gold 6242 @ 2.80GHz	33019	27	6.16	\$5,356.98
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31379	34	4.82	\$6,509.68*
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33741	24	5.13	\$6,572.00*
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	9	5.87	\$6,599.98*
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	37405	12	4.68	\$7,999.98*
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41159	5	5.55	\$7,418.00*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	416	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	420	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	407	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	387	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	373	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6453	362	117.33	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	375	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	406	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	351	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6961	350	271.49	\$25.64*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7553	335	196.08	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6973	349	166.10	\$41.98*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8693	298	62.18	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9607	278	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9669	276	58.00	\$166.72*
[Dual CPU] Intel Xeon MP 2.50GHz	550	491	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	494	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	487	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
[Dual CPU] Intel Xeon MV 3.20GHz			1609		472		NA		NA	
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz			36271		18		NA		NA	
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz			37838		11		2.46		\$15,408.00*	
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz			29251		44		2.96		\$9,872.00*	
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz			39259		8		3.33		\$11,780.00*	
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz			36410		17		NA		NA	
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz			36068		19		NA		NA	
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz			37312		13		1.86		\$20,030.00*	
[Dual CPU] Intel Xeon Platinum 8260 @ 2.40GHz			38657		10		4.11		\$9,404.00*	
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz			41119		6		3.65		\$11,260.00	
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz			15972		166		15.66		\$1,019.90*	
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz			16817		159		21.16		\$794.82	
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz			13615		198		13.24		\$1,027.98*	
CPU Name			Passmark CPU Mark (higher is better)		Rank (lower is better)		CPU Value (higher is better)		Price (USD)	
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz			19256		135		16.72		\$1,151.78	
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz			21435		107		11.36		\$1,886.26*	
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz			20002		125		19.96		\$1,002.00*	
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz			25402		68		19.48		\$1,304.32	
[Dual CPU] Intel Xeon W5580 @ 3.20GHz			10070		269		47.04		\$214.06*	
[Dual CPU] Intel Xeon W5590 @ 3.33GHz			10249		262		2.04		\$5,017.90*	
[Dual CPU] Intel Xeon W5647 @ 2.93GHz			10279		260		NA		NA	
[Dual CPU] Intel Xeon X5260 @ 3.33GHz			4757		411		44.05		\$108.00*	
[Dual CPU] Intel Xeon X5270 @ 3.50GHz			4689		412		NA		NA	
[Dual CPU] Intel Xeon X5272 @ 3.40GHz			4890		408		17.46		\$280.00*	
[Dual CPU] Intel Xeon X5355 @ 2.66GHz			5737		381		9.25		\$619.90	
[Dual CPU] Intel Xeon X5365 @ 3.00GHz			6196		372		39.72		\$155.98	
[Dual CPU] Intel Xeon X5450 @ 3.00GHz			7436		337		62.01		\$119.92*	
[Dual CPU] Intel Xeon X5460 @ 3.16GHz			7794		322		39.06		\$199.56*	
[Dual CPU] Intel Xeon X5470 @ 3.33GHz			8136		315		21.52		\$378.00*	

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7769	325	17.26	\$450.00*	
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8170	313	40.85	\$199.98*	
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8672	299	3.12	\$2,782.58*	
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8758	296	14.36	\$609.70*	
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	8998	289	132.36	\$67.98*	
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9277	283	19.33	\$479.90*	
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9642	277	241.90	\$39.86*	
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11230	239	80.87	\$138.86*	
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11631	233	92.03	\$126.38*	
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10289	259	220.51	\$46.66*	
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12083	224	177.69	\$68.00	
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10320	258	114.69	\$89.98*	
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12450	213	117.47	\$105.98	
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11157	243	65.63	\$170.00*	
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13428	202	NA	NA	
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13340	203	95.35	\$139.90	
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11736	231	104.19	\$112.64*	
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13655	195	55.51	\$246.00	
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	305	NA	NA	
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	358	91.61	\$71.98*	
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	297	6.15	\$1,417.90*	
[Dual CPU] Intel Xeon X7542 @ 2.67GHz	8972	290	13.22	\$678.48*	
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	271	18.07	\$550.00*	
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11230	240	255.23	\$44.00*	
[Dual CPU] Quad-Core AMD Opteron 2352	4171	421	46.34	\$90.00	
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	403	11.46	\$440.02*	
[Dual CPU] Quad-Core AMD Opteron 8350	4290	419	9.75	\$439.98*	
[Dual CPU] Quad-Core AMD Opteron 8356	4376	418	33.66	\$130.00	
[Dual CPU] Quad-Core AMD Opteron 8378	5382	393	30.51	\$176.42*	
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	352	NA	NA	
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	384	NA	NA	
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	377	NA	NA	
[Quad CPU] AMD Opteron 6128 HE	8323	310	NA	NA	
[Quad CPU] AMD Opteron 6136	9767	273	22.20	\$440.00*	
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)	
[Quad CPU] AMD Opteron 6174	8594	303	33.05	\$260.00	

CPU Benchmarks	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	[Quad CPU] AMD Opteron 6272	12292	219	43.91	\$279.96
	[Quad CPU] AMD Opteron 6274	10488	253	58.28	\$179.96
	[Quad CPU] AMD Opteron 6276	15342	174	22.70	\$676.00
	[Quad CPU] AMD Opteron 6278	12055	225	24.31	\$495.80
	[Quad CPU] AMD Opteron 6282 SE	11044	244	4.31	\$2,560.00
	[Quad CPU] AMD Opteron 6376	13257	205	50.99	\$260.00
	[Quad CPU] AMD Opteron 6378	20859	113	27.45	\$760.00
	[Quad CPU] AMD Opteron 6380	12442	214	52.72	\$236.00
	[Quad CPU] AMD Opteron 8360 SE	6490	361	77.26	\$84.00*
	[Quad CPU] AMD Opteron 8381 HE	6097	374	NA	NA
	[Quad CPU] AMD Opteron 8382	8553	304	10.74	\$796.00*
	[Quad CPU] AMD Opteron 8425 HE	7359	338	NA	NA
	[Quad CPU] AMD Opteron 8431	8252	312	147.46	\$55.96*
	[Quad CPU] AMD Opteron 8435	7099	345	24.65	\$288.00*
	[Quad CPU] AMD Opteron 8439 SE	8943	292	37.26	\$240.00*
	[Quad CPU] Intel Xeon 3.00GHz	1472	473	NA	NA
	[Quad CPU] Intel Xeon 3.40GHz	3395	434	NA	NA
	[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	158	46.92	\$359.60*
	[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	14669	181	27.32	\$536.84*
	[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	196	42.59	\$319.96*
	[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	74	12.12	\$2,035.80*
	[Quad CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	20036	124	18.41	\$1,088.16*
	[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	17127	155	61.18	\$279.96*
	[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	64	12.87	\$2,035.80*
	[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	18557	145	38.66	\$479.96*
	[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	35	2.14	\$14,436.00*
	[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	123	3.36	\$6,008.00*
	[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	13606	199	105.31	\$129.20*
	[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	165	NA	NA
	[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	21	1.39	\$24,800.00*
	[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	51	1.25	\$22,916.00*
	[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	31	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	15	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	15433	171	96.48	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17398	154	131.84	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15429	172	20.41	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	211	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	17965	149	0.90	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	348	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	327	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	266	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	279	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	286	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	65	5.11	\$5,118.80
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	20	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	7	2.75	\$14,808.48*
[Quad CPU] Intel Xeon Gold 6248 @ 2.50GHz	41863	4	3.17	\$13,199.96*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	274	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10406	256	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	280	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	226	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	302	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	234	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	12824	210	145.73	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	342	27.58	\$260.00

* - Last price seen from our affiliates.

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