

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.

 Find CPU


CPUS

Single CPU Systems

Multi CPU Systems



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

Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4 Micro-6400T APU	1,032	2061	NA	NA
AMD A4 PRO-3340B	1,284	1864	NA	NA
AMD A4 PRO-7300B APU	1,543	1731	NA	NA
AMD A4 PRO-7350B	1,021	2073	NA	NA
AMD A4-1200 APU	341	2644	NA	NA
AMD A4-1250 APU	356	2633	NA	NA
AMD A4-3300 APU	1,022	2069	93.36	\$10.95
AMD A4-3300M APU	766	2272	25.54	\$29.99*
AMD A4-3305M APU	806	2249	47.41	\$17.00
AMD A4-3310MX APU	885	2186	NA	NA
AMD A4-3320M APU	920	2158	31.82	\$28.90
AMD A4-3330MX APU	855	2211	NA	NA
AMD A4-3400 APU	1,030	2062	80.54	\$12.79
AMD A4-3420 APU	1,122	1990	NA	NA
AMD A4-4000 APU	1,238	1894	35.40	\$34.98
AMD A4-4020 APU	1,362	1816	18.65	\$73.00
AMD A4-4300M APU	1,676	1650	56.12	\$29.86
AMD A4-4355M APU	1,275	1871	NA	NA

AMD vs Intel
Market Share
CPU Benchmarks
Year on Year
Performance

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5000 APU	1,057	2039	NA	NA
AMD A4-5050 APU	1,135	1978	NA	NA
AMD A4-5100 APU	1,091	2013	NA	NA
AMD A4-5150M APU	1,226	1901	NA	NA
AMD A4-5300 APU	1,551	1725	74.22	\$20.90
AMD A4-5300B APU	1,560	1720	52.03	\$29.99
AMD A4-6210 APU	1,516	1744	NA	NA
AMD A4-6250J APU	1,640	1677	NA	NA
AMD A4-6300 APU	1,504	1750	53.82	\$27.95
AMD A4-6300B APU	1,560	1721	15.60	\$100.00*
AMD A4-6320 APU	1,610	1692	23.00	\$69.99*
AMD A4-7210 APU	1,684	1647	NA	NA
AMD A4-7300 APU	1,563	1717	62.60	\$24.96
AMD A4-9120	1,285	1863	NA	NA
AMD A4-9120C	1,008	2085	NA	NA
AMD A4-9125	1,289	1860	NA	NA
AMD A6 Micro-6500T APU	1,177	1937	NA	NA
AMD A6 PRO-7050B APU	990	2105	NA	NA
AMD A6 PRO-7400B	1,535	1737	NA	NA
AMD A6-1450 APU	874	2194	NA	NA
AMD A6-3400M APU	1,231	1897	41.06	\$29.97*
AMD A6-3410MX APU	1,341	1830	336.05	\$3.99*
AMD A6-3420M APU	1,360	1819	NA	NA
AMD A6-3430MX APU	1,403	1798	NA	NA
AMD A6-3500 APU	1,352	1826	90.41	\$14.95
AMD A6-3600 APU	1,798	1606	90.11	\$19.95
AMD A6-3620 APU	1,815	1596	79.08	\$22.95*
AMD A6-3650 APU	2,033	1475	113.56	\$17.90
AMD A6-3670 APU	2,183	1407	3.58	\$610.00*
AMD A6-4400M APU	1,772	1612	70.91	\$24.99
AMD A6-4455M APU	1,361	1817	NA	NA
AMD A6-5200 APU	1,580	1710	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5345M APU	1,218	1906	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5350M APU	1,278	1869	38.60	\$33.12
AMD A6-5357M APU	1,334	1834	NA	NA
AMD A6-5400B APU	2,427	1319	83.85	\$28.94
AMD A6-5400K APU	1,848	1580	80.50	\$22.96
AMD A6-6310 APU	1,573	1713	NA	NA
AMD A6-6400B APU	1,754	1624	NA	NA
AMD A6-6400K APU	1,317	1842	15.35	\$85.81
AMD A6-6420B APU	1,683	1649	NA	NA
AMD A6-6420K APU	1,657	1665	11.05	\$149.99*
AMD A6-7000	1,006	2088	NA	NA
AMD A6-7310 APU	1,779	1610	NA	NA
AMD A6-7400K APU	1,548	1727	19.36	\$79.95
AMD A6-7470K	1,869	1567	16.90	\$110.56
AMD A6-7480	2,565	1257	58.31	\$43.99*
AMD A6-8500P	2,066	1454	NA	NA
AMD A6-8550	1,719	1636	NA	NA
AMD A6-9200	1,150	1966	NA	NA
AMD A6-9210	1,233	1896	NA	NA
AMD A6-9220	1,409	1797	NA	NA
AMD A6-9220C	1,285	1862	NA	NA
AMD A6-9220e	1,050	2046	NA	NA
AMD A6-9225	1,309	1848	NA	NA
AMD A6-9230	1,377	1810	NA	NA
AMD A6-9400	2,717	1211	NA	NA
AMD A6-9500	1,976	1506	41.14	\$48.03
AMD A6-9500E	1,857	1573	29.76	\$62.40*
AMD A8 PRO-7150B APU	1,539	1733	NA	NA
AMD A8 PRO-7600B APU	2,809	1178	NA	NA
AMD A8-3500M APU	1,345	1827	22.44	\$59.95
AMD A8-3510MX APU	1,653	1670	21.43	\$77.11
AMD A8-3520M APU	1,390	1807	39.71	\$35.00
AMD A8-3530MX APU	1,552	1724	NA	NA
AMD A8-3550MX APU	1,656	1666	NA	NA
AMD A8-3800 APU	1,893	1554	15.78	\$119.95*

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-3820 APU	2,047	1469	45.55	\$44.95
AMD A8-3850 APU	2,266	1380	56.09	\$40.40
AMD A8-3870K APU	2,356	1350	56.15	\$41.95
AMD A8-4500M APU	2,722	1208	NA	NA
AMD A8-4555M APU	1,838	1586	NA	NA
AMD A8-5500 APU	3,164	1079	53.67	\$58.95
AMD A8-5500B APU	4,182	874	76.10	\$54.95
AMD A8-5545M APU	1,819	1594	NA	NA
AMD A8-5550M APU	2,021	1482	NA	NA
AMD A8-5557M APU	1,950	1523	NA	NA
AMD A8-5600K APU	3,742	932	91.49	\$40.90
AMD A8-6410 APU	1,851	1579	NA	NA
AMD A8-6500 APU	2,871	1161	52.24	\$54.95
AMD A8-6500B APU	3,012	1124	60.30	\$49.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-6500T APU	1,971	1507	32.88	\$59.95
AMD A8-6600K APU	3,164	1078	48.72	\$64.95
AMD A8-7050	1,125	1986	NA	NA
AMD A8-7100 APU	1,650	1672	NA	NA
AMD A8-7200P	2,149	1427	NA	NA
AMD A8-7410 APU	1,903	1543	NA	NA
AMD A8-7500	5,755	668	NA	NA
AMD A8-7600 APU	3,328	1027	33.66	\$98.86
AMD A8-7650K	3,095	1098	26.04	\$118.86
AMD A8-7670K	3,457	991	23.05	\$149.95
AMD A8-7680	4,511	827	75.19	\$59.99*
AMD A8-8600P	3,301	1035	NA	NA
AMD A8-8650	3,486	982	NA	NA
AMD A8-9600	3,364	1014	54.27	\$61.99
AMD A9-9400	1,516	1745	NA	NA
AMD A9-9410	1,570	1714	NA	NA
AMD A9-9420	1,583	1707	NA	NA
AMD A9-9420e	1,152	1964	NA	NA
AMD A9-9425	1,661	1659	NA	NA

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A9-9430	1,729	1634	NA	NA
AMD A10 Micro-6700T APU	1,326	1836	NA	NA
AMD A10 PRO-7350B APU	1,754	1625	NA	NA
AMD A10 PRO-7800B APU	2,976	1134	NA	NA
AMD A10 PRO-7850B APU	3,118	1091	NA	NA
AMD A10-4600M APU	2,661	1224	26.63	\$99.95*
AMD A10-4655M APU	2,695	1217	NA	NA
AMD A10-4657M APU	2,907	1154	NA	NA
AMD A10-5700 APU	4,267	857	79.75	\$53.50
AMD A10-5745M APU	1,805	1602	NA	NA
AMD A10-5750M APU	2,119	1436	39.98	\$53.00*
AMD A10-5757M APU	2,060	1460	NA	NA
AMD A10-5800B APU	4,693	792	78.29	\$59.95
AMD A10-5800K APU	3,299	1037	55.04	\$59.95
AMD A10-6700 APU	3,167	1075	45.28	\$69.95
AMD A10-6700T APU	2,415	1322	16.36	\$147.61*
AMD A10-6790K APU	3,139	1083	36.95	\$84.95
AMD A10-6800B APU	2,761	1195	NA	NA
AMD A10-6800K APU	3,172	1073	21.88	\$144.95
AMD A10-7300 APU	1,613	1690	NA	NA
AMD A10-7400P	2,070	1453	NA	NA
AMD A10-7700K APU	3,301	1036	25.65	\$128.68
AMD A10-7800 APU	2,971	1136	34.78	\$85.42*
AMD A10-7850K APU	3,432	999	23.67	\$144.95
AMD A10-7860K	3,424	1000	24.14	\$141.82
AMD A10-7870K	3,558	971	15.67	\$226.99*
AMD A10-7890K	3,739	933	18.69	\$199.99*
AMD A10-8700P	2,444	1310	NA	NA
AMD A10-8750	3,372	1011	NA	NA
AMD A10-8850	3,770	927	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9600P	2,586	1250	NA	NA
AMD A10-9620P	2,365	1346	NA	NA
AMD A10-9630P	2,833	1172	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 A10-9700</u>	3,177	1070	<u>39.84</u>	<u>\$79.74</u>
<u>AMD A10-9700E</u>	2,912	1153	<u>18.90</u>	<u>\$154.10*</u>
<u>AMD A12-9700P</u>	2,454	1301	NA	NA
<u>AMD A12-9720P</u>	2,690	1220	NA	NA
<u>AMD A12-9730P</u>	2,840	1170	NA	NA
<u>AMD A12-9800</u>	3,573	969	<u>25.85</u>	<u>\$138.24</u>
<u>AMD A12-9800E</u>	3,223	1055	<u>18.28</u>	<u>\$176.28</u>
<u>AMD Athlon64 X2 Dual Core 4600+</u>	1,108	2003	NA	NA
<u>AMD Athlon 64 2000+</u>	238	2758	NA	NA
<u>AMD Athlon 64 2600+</u>	374	2610	NA	NA
<u>AMD Athlon 64 2800+</u>	376	2606	<u>3.76</u>	<u>\$99.99*</u>
<u>AMD Athlon 64 3000+</u>	473	2513	<u>30.77</u>	<u>\$15.38</u>
<u>AMD Athlon 64 3100+</u>	484	2504	NA	NA
<u>AMD Athlon 64 3200+</u>	510	2479	<u>3.40</u>	<u>\$149.95*</u>
<u>AMD Athlon 64 3300+</u>	477	2510	NA	NA
<u>AMD Athlon 64 3400+</u>	577	2427	NA	NA
<u>AMD Athlon 64 3500+</u>	563	2435	<u>29.64</u>	<u>\$18.99</u>
<u>AMD Athlon 64 3700+</u>	606	2407	<u>8.78</u>	<u>\$69.00*</u>
<u>AMD Athlon 64 3800+</u>	635	2381	<u>31.85</u>	<u>\$19.95*</u>
<u>AMD Athlon 64 4000+</u>	494	2492	<u>32.85</u>	<u>\$15.05</u>
<u>AMD Athlon 64 FX-55</u>	622	2393	<u>3.46</u>	<u>\$179.95*</u>
<u>AMD Athlon 64 FX-57</u>	795	2256	NA	NA
<u>AMD Athlon 64 FX-59</u>	716	2318	NA	NA
<u>AMD Athlon 64 FX-60 Dual Core</u>	1,201	1922	NA	NA
<u>AMD Athlon 64 FX-62 Dual Core</u>	1,616	1689	NA	NA
<u>AMD Athlon 64 FX-74</u>	1,495	1755	<u>2.99</u>	<u>\$499.50*</u>
<u>AMD Athlon 64 X2 3800+</u>	959	2132	NA	NA
<u>AMD Athlon 64 X2 Dual Core 3400+</u>	940	2143	NA	NA
<u>AMD Athlon 64 X2 Dual Core 3600+</u>	930	2149	<u>18.61</u>	<u>\$50.00</u>
<u>AMD Athlon 64 X2 Dual Core 3800+</u>	966	2121	NA	NA
<u>AMD Athlon 64 X2 Dual Core 4000+</u>	1,086	2016	NA	NA
<u>AMD Athlon 64 X2 Dual Core 4200+</u>	1,074	2025	<u>5.51</u>	<u>\$194.95</u>
<u>AMD Athlon 64 X2 Dual Core 4400+</u>	1,142	1970	<u>22.91</u>	<u>\$49.86</u>
<u>AMD Athlon 64 X2 Dual Core 4600+</u>	1,214	1913	<u>3.37</u>	<u>\$359.95*</u>

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core 4800+	1,200	1923	50.03	\$23.99
AMD Athlon 64 X2 Dual Core 5000+	1,306	1852	3.94	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1,022	2072	17.03	\$60.00*
AMD Athlon 64 X2 Dual Core 5400+	1,372	1813	25.88	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1,213	1914	81.15	\$14.95
AMD Athlon 64 X2 Dual Core 5800+	1,410	1795	56.40	\$24.99*
AMD Athlon 64 X2 Dual Core 6000+	1,565	1716	108.81	\$14.38
AMD Athlon 64 X2 Dual Core 6400+	1,730	1633	52.50	\$32.95
AMD Athlon 64 X2 Dual Core BE-2300	1,082	2020	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1,045	2052	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	840	2221	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2223	14.53	\$57.74*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual-Core TK-42	884	2187	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	911	2167	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	868	2203	11.93	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	950	2137	NA	NA
AMD Athlon 64 X2 QL-60	908	2168	NA	NA
AMD Athlon 64 X2 QL-62	919	2159	NA	NA
AMD Athlon 64 X2 QL-64	880	2189	NA	NA
AMD Athlon 64 X2 QL-65	1,126	1984	NA	NA
AMD Athlon 64 X2 QL-66	1,022	2068	NA	NA
AMD Athlon 64 X2 QL-67	1,006	2089	NA	NA
AMD Athlon 200GE	4,256	860	54.67	\$77.86*
AMD Athlon 220GE	4,637	801	59.19	\$78.33
AMD Athlon 240GE	4,836	775	64.10	\$75.44
AMD Athlon 300GE	4,965	764	NA	NA
AMD Athlon 300U	4,202	870	NA	NA
AMD Athlon 1500+	294	2695	NA	NA
AMD Athlon 1640B	633	2386	12.66	\$50.00*
AMD Athlon 2650e	422	2567	22.20	\$19.00*
AMD Athlon 2800+	448	2535	5.60	\$79.99
AMD Athlon 2850e	512	2477	NA	NA
AMD Athlon 3000G	4,679	795	85.08	\$54.99*

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 5000 Dual-Core	826	2232	41.61	\$19.86
AMD Athlon 5150 APU	1,150	1967	16.43	\$69.95
AMD Athlon 5200 Dual-Core	728	2305	60.88	\$11.95
AMD Athlon 5350 APU	1,664	1656	12.80	\$129.99
AMD Athlon 5370 APU	1,593	1702	2.66	\$598.68
AMD Athlon 7450 Dual-Core	1,053	2043	NA	NA
AMD Athlon 7550 Dual-Core	1,503	1753	30.06	\$50.00*
AMD Athlon 7750 Dual-Core	1,535	1736	10.03	\$152.99*
AMD Athlon 7850 Dual-Core	1,656	1667	119.97	\$13.80
AMD Athlon Dual Core 4050e	989	2106	NA	NA
AMD Athlon Dual Core 4450B	1,096	2010	35.36	\$31.00*
AMD Athlon Dual Core 4450e	945	2140	65.23	\$14.48*
AMD Athlon Dual Core 4850B	1,286	1861	NA	NA
AMD Athlon Dual Core 4850e	1,280	1867	32.82	\$39.00*
AMD Athlon Dual Core 5000B	1,107	2004	11.66	\$95.00*
AMD Athlon Dual Core 5050e	1,342	1829	22.37	\$60.00*
AMD Athlon Dual Core 5200B	1,212	1915	NA	NA
AMD Athlon Dual Core 5400B	1,462	1770	NA	NA
AMD Athlon Dual Core 5600B	1,304	1853	NA	NA
AMD Athlon II 160u	337	2647	11.22	\$29.99*
AMD Athlon II 170u	358	2629	19.93	\$17.99*
AMD Athlon II Dual-Core M300	612	2404	NA	NA
AMD Athlon II Dual-Core M320	631	2388	21.04	\$30.00*
AMD Athlon II Dual-Core M340	636	2379	NA	NA
AMD Athlon II N330 Dual-Core	660	2357	NA	NA
AMD Athlon II N350 Dual-Core	760	2279	NA	NA
AMD Athlon II N370 Dual-Core	891	2183	NA	NA
AMD Athlon II Neo K125	298	2687	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II Neo K145	295	2691	NA	NA
AMD Athlon II Neo K325 Dual-Core	413	2574	15.89	\$25.99*
AMD Athlon II Neo K345 Dual-Core	523	2468	NA	NA
AMD Athlon II Neo N36L Dual-Core	414	2572	NA	NA
AMD Athlon II P320 Dual-Core	723	2309	24.13	\$29.95*

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon II P340 Dual-Core</u>	702	2326	<u>14.06</u>	<u>\$49.95*</u>
<u>AMD Athlon II P360 Dual-Core</u>	741	2291	<u>30.88</u>	<u>\$24.00*</u>
<u>AMD Athlon II X2 210e</u>	1,659	1664	NA	NA
<u>AMD Athlon II X2 215</u>	940	2144	<u>78.36</u>	<u>\$11.99*</u>
<u>AMD Athlon II X2 220</u>	1,018	2075	<u>50.94</u>	<u>\$19.99*</u>
<u>AMD Athlon II X2 235e</u>	1,018	2076	<u>5.60</u>	<u>\$181.88*</u>
<u>AMD Athlon II X2 240</u>	978	2111	<u>39.20</u>	<u>\$24.95</u>
<u>AMD Athlon II X2 240e</u>	954	2136	<u>27.28</u>	<u>\$34.95*</u>
<u>AMD Athlon II X2 245</u>	933	2148	<u>26.68</u>	<u>\$34.95*</u>
<u>AMD Athlon II X2 245e</u>	999	2094	<u>11.98</u>	<u>\$83.45*</u>
<u>AMD Athlon II X2 250</u>	1,094	2012	<u>37.78</u>	<u>\$28.95</u>
<u>AMD Athlon II X2 250e</u>	1,038	2058	<u>13.53</u>	<u>\$76.73*</u>
<u>AMD Athlon II X2 250u</u>	568	2433	<u>49.59</u>	<u>\$11.46</u>
<u>AMD Athlon II X2 255</u>	1,053	2042	<u>96.64</u>	<u>\$10.90</u>
<u>AMD Athlon II X2 260</u>	1,041	2057	<u>52.05</u>	<u>\$19.99*</u>
<u>AMD Athlon II X2 260u</u>	602	2412	<u>7.21</u>	<u>\$83.44*</u>
<u>AMD Athlon II X2 265</u>	1,178	1936	<u>14.21</u>	<u>\$82.88*</u>
<u>AMD Athlon II X2 270</u>	1,080	2021	<u>67.50</u>	<u>\$16.00</u>
<u>AMD Athlon II X2 270u</u>	670	2345	<u>9.90</u>	<u>\$67.67*</u>
<u>AMD Athlon II X2 280</u>	1,148	1968	<u>34.89</u>	<u>\$32.90</u>
<u>AMD Athlon II X2 4300e</u>	844	2216	NA	NA
<u>AMD Athlon II X2 4400e</u>	901	2174	NA	NA
<u>AMD Athlon II X2 4450e</u>	860	2208	NA	NA
<u>AMD Athlon II X2 B22</u>	973	2115	<u>23.33</u>	<u>\$41.69*</u>
<u>AMD Athlon II X2 B24</u>	998	2097	<u>41.40</u>	<u>\$24.10</u>
<u>AMD Athlon II X2 B26</u>	1,127	1982	<u>25.07</u>	<u>\$44.95*</u>
<u>AMD Athlon II X2 B28</u>	1,169	1946	<u>23.82</u>	<u>\$49.05*</u>
<u>AMD Athlon II X3 400e</u>	1,924	1536	<u>17.91</u>	<u>\$107.43*</u>
<u>AMD Athlon II X3 405e</u>	1,924	1537	<u>24.05</u>	<u>\$79.99*</u>
<u>AMD Athlon II X3 415e</u>	2,116	1437	<u>28.21</u>	<u>\$75.00*</u>
<u>AMD Athlon II X3 420e</u>	2,242	1391	<u>19.31</u>	<u>\$116.15*</u>
<u>AMD Athlon II X3 425</u>	2,160	1415	<u>80.02</u>	<u>\$26.99*</u>
<u>AMD Athlon II X3 435</u>	2,427	1318	<u>80.92</u>	<u>\$29.99*</u>
<u>AMD Athlon II X3 440</u>	2,534	1270	<u>93.88</u>	<u>\$26.99*</u>

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 445	2,560	1259	184.14	\$13.90
AMD Athlon II X3 450	1,992	1500	138.31	\$14.40
AMD Athlon II X3 455	2,267	1379	140.79	\$16.10
AMD Athlon II X3 460	2,710	1213	69.50	\$38.99*
AMD Athlon II X4 553	2,322	1360	NA	NA
AMD Athlon II X4 555	2,218	1398	NA	NA
AMD Athlon II X4 559	2,444	1309	NA	NA
AMD Athlon II X4 600e	2,473	1294	18.99	\$130.23*
AMD Athlon II X4 605e	2,587	1249	25.41	\$101.80*
AMD Athlon II X4 610e	2,721	1209	38.88	\$69.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 615e	2,856	1165	48.40	\$59.00*
AMD Athlon II X4 620	2,802	1181	50.99	\$54.95
AMD Athlon II X4 630	3,018	1122	150.92	\$20.00
AMD Athlon II X4 631 Quad-Core	2,111	1439	117.33	\$17.99
AMD Athlon II X4 635	3,091	1100	182.90	\$16.90
AMD Athlon II X4 638 Quad-Core	2,124	1435	80.17	\$26.49*
AMD Athlon II X4 640	2,437	1314	105.97	\$23.00
AMD Athlon II X4 641 Quad-Core	2,074	1452	103.71	\$20.00
AMD Athlon II X4 645	3,285	1040	131.94	\$24.90
AMD Athlon II X4 650	3,472	985	20.84	\$166.60*
AMD Athlon II X4 651 Quad-Core	2,374	1341	107.92	\$22.00
AMD Athlon II X4 655	3,116	1092	NA	NA
AMD Athlon L110	303	2679	NA	NA
AMD Athlon LE-1600	634	2382	30.20	\$21.00*
AMD Athlon LE-1620	648	2367	35.99	\$18.00*
AMD Athlon LE-1640	661	2356	NA	NA
AMD Athlon LE-1660	641	2376	NA	NA
AMD Athlon Neo MV-40	440	2543	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	904	2170	NA	NA
AMD Athlon Neo X2 Dual Core L325	842	2217	NA	NA
AMD Athlon Neo X2 Dual Core L335	861	2207	NA	NA
AMD Athlon PRO 200GE	4,089	889	NA	NA
AMD Athlon PRO 300GF	4,986	760	NA	NA

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon TF-20	412	2575	NA	NA
AMD Athlon TF-36	521	2470	NA	NA
AMD Athlon X2 215	937	2145	NA	NA
AMD Athlon X2 240	867	2204	NA	NA
AMD Athlon X2 240e	955	2134	NA	NA
AMD Athlon X2 250	1,022	2070	NA	NA
AMD Athlon X2 255	930	2150	NA	NA
AMD Athlon X2 280	1,316	1843	39.30	\$33.49*
AMD Athlon X2 340 Dual Core	1,733	1632	34.66	\$49.99*
AMD Athlon X2 370K Dual Core	1,633	1682	NA	NA
AMD Athlon X2 Dual Core 3250e	809	2245	NA	NA
AMD Athlon X2 Dual Core 6850e	999	2095	NA	NA
AMD Athlon X2 Dual Core BE-2300	879	2192	NA	NA
AMD Athlon X2 Dual Core BE-2350	1,164	1951	NA	NA
AMD Athlon X2 Dual Core BE-2400	1,217	1908	NA	NA
AMD Athlon X2 Dual Core L310	640	2378	NA	NA
AMD Athlon X3 425	2,191	1403	NA	NA
AMD Athlon X3 435	2,574	1255	26.96	\$95.49*
AMD Athlon X3 440	2,079	1451	23.62	\$87.99*
AMD Athlon X3 455	2,402	1327	NA	NA
AMD Athlon X4 620	2,558	1260	39.39	\$64.95*
AMD Athlon X4 640	3,172	1072	NA	NA
AMD Athlon X4 740 Quad Core	4,248	861	15.34	\$277.00*
AMD Athlon X4 750 Quad Core	2,156	1423	NA	NA
AMD Athlon X4 750K Quad Core	3,605	965	46.82	\$76.99*
AMD Athlon X4 760K Quad Core	2,986	1131	71.12	\$41.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X4 830	2,892	1159	NA	NA
AMD Athlon X4 840	3,125	1086	39.68	\$78.74*
AMD Athlon X4 845	4,597	807	86.52	\$53.13*
AMD Athlon X4 860K	3,329	1025	33.67	\$98.86
AMD Athlon X4 870K	3,762	928	47.03	\$79.99*
AMD Athlon X4 880K	3,743	931	37.43	\$99.99*
AMD Athlon X4 950	3,345	1021	28.14	\$118.86

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon XP1600+</u>	281	2703	NA	NA
<u>AMD Athlon XP2400+</u>	374	2609	NA	NA
<u>AMD Athlon XP 1500+</u>	257	2730	NA	NA
<u>AMD Athlon XP 1600+</u>	268	2721	NA	NA
<u>AMD Athlon XP 1700+</u>	271	2718	<u>4.43</u>	<u>\$61.25*</u>
<u>AMD Athlon XP 1800+</u>	300	2683	<u>5.10</u>	<u>\$58.95*</u>
<u>AMD Athlon XP 1900+</u>	313	2669	NA	NA
<u>AMD Athlon XP 2000+</u>	300	2684	<u>12.01</u>	<u>\$24.99*</u>
<u>AMD Athlon XP 2100+</u>	323	2659	NA	NA
<u>AMD Athlon XP 2200+</u>	329	2655	<u>3.87</u>	<u>\$84.95*</u>
<u>AMD Athlon XP 2400+</u>	361	2626	<u>4.01</u>	<u>\$89.99*</u>
<u>AMD Athlon XP 2500+</u>	356	2634	NA	NA
<u>AMD Athlon XP 2600+</u>	373	2611	<u>16.18</u>	<u>\$23.03*</u>
<u>AMD Athlon XP 2700+</u>	394	2592	<u>4.64</u>	<u>\$84.79*</u>
<u>AMD Athlon XP 2800+</u>	401	2585	NA	NA
<u>AMD Athlon XP 2900+</u>	424	2564	NA	NA
<u>AMD Athlon XP 3000+</u>	403	2583	<u>5.06</u>	<u>\$79.70*</u>
<u>AMD Athlon XP 3100+</u>	434	2552	NA	NA
<u>AMD Athlon XP 3200+</u>	433	2555	NA	NA
<u>AMD C-30</u>	310	2670	NA	NA
<u>AMD C-50</u>	467	2516	NA	NA
<u>AMD C-60</u>	284	2700	NA	NA
<u>AMD C-60 APU</u>	314	2668	NA	NA
<u>AMD C-70 APU</u>	304	2676	NA	NA
<u>AMD E1 Micro-6200T APU</u>	617	2397	NA	NA
<u>AMD E1-1200 APU</u>	466	2518	NA	NA
<u>AMD E1-1500 APU</u>	383	2600	NA	NA
<u>AMD E1-2100 APU</u>	369	2614	NA	NA
<u>AMD E1-2200 APU</u>	400	2586	NA	NA
<u>AMD E1-2500 APU</u>	555	2443	NA	NA
<u>AMD E1-6010 APU</u>	609	2406	NA	NA
<u>AMD E1-6015 APU</u>	488	2496	NA	NA
<u>AMD E1-6050J APU</u>	1,385	1808	NA	NA
<u>AMD E1-7010 APU</u>	653	2365	NA	NA

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E2-1800 APU	377	2605	NA	NA
AMD E2-2000 APU	459	2522	NA	NA
AMD E2-3000 APU	613	2403	NA	NA
AMD E2-3000M APU	739	2293	17.19	\$42.98
AMD E2-3200 APU	900	2175	112.65	\$7.99*
AMD E2-3800 APU	919	2161	NA	NA
AMD E2-6110 APU	1,291	1859	NA	NA
AMD E2-7110 APU	1,555	1722	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E2-9000	1,064	2036	NA	NA
AMD E2-9000e	898	2178	NA	NA
AMD E2-9010	1,067	2030	NA	NA
AMD E2-9030	992	2101	NA	NA
AMD E-240	327	2656	NA	NA
AMD E-300 APU	375	2608	NA	NA
AMD E-350	534	2456	NA	NA
AMD E-350 APU	407	2580	NA	NA
AMD E-350D APU	424	2565	NA	NA
AMD E-450 APU	435	2550	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1,155	1959	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	1,368	1814	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2,533	1271	NA	NA
AMD Embedded R-Series RX-216GD	2,409	1324	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5,069	752	NA	NA
AMD Embedded R-Series RX-421BD	4,592	810	NA	NA
AMD EPYC 3201	10,220	289	NA	NA
AMD EPYC 3251	12,401	206	39.37	\$315.00*
AMD EPYC 7251	12,529	204	25.11	\$499.00
AMD EPYC 7262	26,188	33	40.14	\$652.45
AMD EPYC 7301	12,085	217	17.90	\$674.99
AMD EPYC 7302P	39,228	7	42.92	\$913.99
AMD EPYC 7351	19,180	79	26.72	\$717.72

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 7351P	15,792	128	22.00	\$717.67
AMD EPYC 7371	22,859	53	14.75	\$1,550.00*
AMD EPYC 7401P	21,450	68	28.68	\$748.00
AMD EPYC 7402P	35,807	9	26.10	\$1,371.99
AMD EPYC 7451	16,718	107	6.97	\$2,400.00
AMD EPYC 7452	48,420	6	24.83	\$1,950.00
AMD EPYC 7501	20,094	73	5.39	\$3,731.42*
AMD EPYC 7502P	34,726	10	19.84	\$1,749.99
AMD EPYC 7551	19,606	76	14.05	\$1,395.00
AMD EPYC 7551P	19,564	77	15.17	\$1,290.00
AMD EPYC 7571	22,125	63	NA	NA
AMD EPYC 7702P	58,305	4	12.19	\$4,783.99
AMD EPYC 7742	60,831	2	8.09	\$7,522.99
AMD FirePro A320 APU	4,351	844	NA	NA
AMD FX-670K Quad-Core	2,998	1126	NA	NA
AMD FX-770K Quad-Core	2,944	1142	NA	NA
AMD FX-870K Quad Core	3,396	1005	NA	NA
AMD FX-4100 Quad-Core	2,767	1193	81.42	\$33.99
AMD FX-4130 Quad-Core	2,856	1164	95.22	\$29.99
AMD FX-4150 Quad-Core	3,049	1114	NA	NA
AMD FX-4170 Quad-Core	3,267	1044	25.39	\$128.68
AMD FX-4200 Quad-Core	2,996	1127	74.98	\$39.95
AMD FX-4300 Quad-Core	3,105	1093	50.20	\$61.85
AMD FX-4320	3,271	1042	NA	NA
AMD FX-4330	3,437	996	NA	NA
AMD FX-4350 Quad-Core	3,523	980	50.36	\$69.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-6100 Six-Core	3,839	915	86.38	\$44.44
AMD FX-6120 Six-Core	3,726	936	46.61	\$79.95
AMD FX-6130 Six-Core	3,989	901	NA	NA
AMD FX-6200 Six-Core	3,994	900	40.40	\$98.86
AMD FX-6300 Six-Core	3,979	902	56.88	\$69.96
AMD FX-6330 Six-Core	4,440	833	NA	NA
AMD FX-6350 Six-Core	4,326	849	43.29	\$99.95

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-7500 APU	1,906	1542	NA	NA
AMD FX-7600P	2,479	1289	NA	NA
AMD FX-7600P APU	2,846	1168	NA	NA
AMD FX-8100 Eight-Core	3,623	959	28.12	\$128.86
AMD FX-8120 Eight-Core	4,579	812	57.27	\$79.95
AMD FX-8140 Eight-Core	4,539	823	30.49	\$148.86
AMD FX-8150 Eight-Core	4,687	794	33.49	\$139.95
AMD FX-8300 Eight-Core	5,402	708	45.21	\$119.49
AMD FX-8310 Eight-Core	4,984	761	NA	NA
AMD FX-8320 Eight-Core	5,142	746	41.14	\$125.00
AMD FX-8320E Eight-Core	5,164	743	36.26	\$142.40
AMD FX-8350 Eight-Core	6,122	628	34.04	\$179.87
AMD FX-8370 Eight-Core	6,239	609	29.02	\$215.00
AMD FX-8370E Eight-Core	5,291	729	26.07	\$203.00
AMD FX-8800P	3,607	964	NA	NA
AMD FX-9370 Eight-Core	6,105	630	38.64	\$158.00
AMD FX-9590 Eight-Core	6,958	518	36.05	\$193.00
AMD FX-9800P	2,510	1282	NA	NA
AMD FX-9830P	2,972	1135	NA	NA
AMD FX-B4150 Quad-Core	3,088	1101	34.43	\$89.68
AMD G-T40E	255	2731	NA	NA
AMD G-T40R	116	2828	NA	NA
AMD G-T44R	244	2750	NA	NA
AMD G-T48E	430	2557	NA	NA
AMD G-T52R	309	2672	NA	NA
AMD G-T56E	430	2558	NA	NA
AMD G-T56N	450	2532	NA	NA
AMD Geode NX 2400+	400	2587	NA	NA
AMD GX-210JA SOC	209	2782	NA	NA
AMD GX-212JC SOC	606	2408	NA	NA
AMD GX-217GA SOC	597	2417	NA	NA
AMD GX-218GL SOC	775	2266	NA	NA
AMD GX-222GC SOC	1,067	2032	NA	NA
AMD GX-412HC	992	2102	NA	NA

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD GX-415GA SOC	1,260	1879	NA	NA
AMD GX-420CA SOC	1,393	1803	NA	NA
AMD GX-424CC SOC	1,857	1574	NA	NA
AMD Opteron 144	486	2498	16.24	\$29.95*
AMD Opteron 146	532	2457	8.87	\$59.99*
AMD Opteron 148	604	2411	NA	NA
AMD Opteron 150	604	2410	NA	NA
AMD Opteron 152	659	2358	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 154	703	2325	NA	NA
AMD Opteron 165	899	2176	1.63	\$550.00*
AMD Opteron 170	1,097	2009	NA	NA
AMD Opteron 175	1,168	1949	NA	NA
AMD Opteron 180	1,264	1876	12.77	\$98.99
AMD Opteron 185	1,319	1841	NA	NA
AMD Opteron 254	694	2330	NA	NA
AMD Opteron 270	1,170	1945	4.68	\$249.95
AMD Opteron 275	1,291	1857	43.11	\$29.95
AMD Opteron 280	1,177	1938	47.06	\$25.00*
AMD Opteron 285	1,470	1766	18.39	\$79.95*
AMD Opteron 290	1,465	1769	10.85	\$135.00*
AMD Opteron 1212	1,015	2079	3.50	\$290.00*
AMD Opteron 1214	1,123	1989	20.43	\$54.99
AMD Opteron 1214 HE	1,300	1854	NA	NA
AMD Opteron 1216	1,183	1930	21.57	\$54.85*
AMD Opteron 1216 HE	1,172	1944	NA	NA
AMD Opteron 1218	1,469	1768	NA	NA
AMD Opteron 1220	1,671	1652	NA	NA
AMD Opteron 1222	1,757	1621	NA	NA
AMD Opteron 1352	2,374	1340	17.46	\$135.99*
AMD Opteron 1354	2,632	1237	19.49	\$135.00*
AMD Opteron 1356	2,766	1194	30.73	\$89.99*
AMD Opteron 1381	1,866	1570	NA	NA
AMD Opteron 2218	1,594	1701	28.35	\$56.24*

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2220	1,702	1642	7.15	\$238.01*
AMD Opteron 2220 SE	1,398	1801	55.92	\$25.00*
AMD Opteron 2222	1,844	1582	1.11	\$1.664.98*
AMD Opteron 2354	2,450	1305	40.84	\$60.00
AMD Opteron 2356	2,814	1176	54.12	\$52.00*
AMD Opteron 2373 EE	1,698	1645	NA	NA
AMD Opteron 2378	1,935	1529	10.81	\$179.00*
AMD Opteron 2384	2,154	1424	2.56	\$840.00*
AMD Opteron 2393 SE	1,367	1815	NA	NA
AMD Opteron 2427	3,069	1106	180.66	\$16.99*
AMD Opteron 2431	4,516	825	180.73	\$24.99
AMD Opteron 2435	4,709	788	314.34	\$14.98
AMD Opteron 3250 HE	1,889	1555	19.08	\$99.00*
AMD Opteron 3260 HE	2,092	1446	NA	NA
AMD Opteron 3280	3,683	944	13.48	\$273.18*
AMD Opteron 3320 EE	1,902	1544	NA	NA
AMD Opteron 3350 HE	2,801	1183	NA	NA
AMD Opteron 3365	4,079	891	NA	NA
AMD Opteron 3380	4,099	887	5.07	\$809.00*
AMD Opteron 4162 EE	3,167	1076	NA	NA
AMD Opteron 4170 HE	3,665	949	91.64	\$39.99
AMD Opteron 4184	4,419	835	8.50	\$519.95*
AMD Opteron 4274 HE	5,776	664	144.44	\$39.99*
AMD Opteron 4280	4,127	881	82.54	\$50.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4284	4,275	855	71.27	\$59.99*
AMD Opteron 4332 HE	3,683	943	99.57	\$36.99*
AMD Opteron 4334	3,916	908	18.09	\$216.42*
AMD Opteron 4365 EE	3,235	1051	NA	NA
AMD Opteron 4386	4,340	846	33.73	\$128.68
AMD Opteron 6128	4,347	845	228.91	\$18.99*
AMD Opteron 6136	5,202	737	133.42	\$38.99
AMD Opteron 6164 HE	5,351	720	NA	NA
AMD Opteron 6172	5,261	731	153.39	\$34.30

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6174	5,688	676	28.44	\$199.98
AMD Opteron 6176 SE	5,483	693	34.49	\$159.00*
AMD Opteron 6212	3,708	939	123.63	\$29.99*
AMD Opteron 6220	4,355	843	229.23	\$19.00
AMD Opteron 6234	3,731	935	33.06	\$112.86
AMD Opteron 6238	5,155	745	178.07	\$28.95
AMD Opteron 6272	4,332	848	72.21	\$59.99
AMD Opteron 6274	3,123	1087	4.47	\$698.89
AMD Opteron 6276	5,666	678	182.78	\$31.00
AMD Opteron 6282 SE	5,851	651	9.14	\$640.00*
AMD Opteron 6287 SE	6,346	596	NA	NA
AMD Opteron 6328	5,041	756	3.88	\$1,299.00
AMD Opteron 6344	6,017	638	15.23	\$394.98
AMD Opteron 6348	9,151	342	3.29	\$2,785.64*
AMD Opteron 6366 HE	4,817	780	160.61	\$29.99*
AMD Opteron 6376	5,524	688	100.43	\$55.00
AMD Opteron 6378	5,838	655	278.01	\$21.00
AMD Opteron 6380	6,472	579	132.08	\$49.00
AMD Opteron 6386 SE	6,956	519	51.53	\$134.99
AMD Opteron 8439 SE	3,813	919	63.56	\$60.00*
AMD Opteron X2170 APU	1,963	1512	NA	NA
AMD Opteron X3216 APU	2,302	1366	NA	NA
AMD Opteron X3418 APU	4,549	819	NA	NA
AMD Opteron X3421 APU	4,726	786	NA	NA
AMD Phenom 8250 Triple-Core	1,810	1600	NA	NA
AMD Phenom 8250e Triple-Core	1,761	1617	37.49	\$46.99*
AMD Phenom 8400 Triple-Core	1,471	1765	NA	NA
AMD Phenom 8450 Triple-Core	1,875	1563	62.62	\$29.95*
AMD Phenom 8450e Triple-Core	1,842	1583	NA	NA
AMD Phenom 8600 Triple-Core	1,640	1679	30.95	\$52.99*
AMD Phenom 8600B Triple-Core	1,895	1551	126.74	\$14.95
AMD Phenom 8650 Triple-Core	1,877	1561	37.55	\$49.99*
AMD Phenom 8750 Triple-Core	2,030	1476	NA	NA
AMD Phenom 8750B Triple-Core	1,929	1532	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 8850 Triple-Core</u>	1,855	1576	NA	NA
<u>AMD Phenom 8850B Triple-Core</u>	2,081	1450	NA	NA
<u>AMD Phenom 9100e Quad-Core</u>	1,707	1639	<u>42.72</u>	<u>\$39.95*</u>
<u>AMD Phenom 9150e Quad-Core</u>	1,630	1683	<u>40.80</u>	<u>\$39.95*</u>
<u>AMD Phenom 9350e Quad-Core</u>	2,262	1384	<u>0.67</u>	<u>\$3,382.07*</u>
<u>AMD Phenom 9450e Quad-Core</u>	2,468	1296	<u>23.50</u>	<u>\$105.00*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Phenom 9500 Quad-Core</u>	2,091	1447	<u>150.45</u>	<u>\$13.90*</u>
<u>AMD Phenom 9550 Quad-Core</u>	1,953	1521	<u>140.49</u>	<u>\$13.90</u>
<u>AMD Phenom 9600 Quad-Core</u>	1,929	1533	<u>161.39</u>	<u>\$11.95*</u>
<u>AMD Phenom 9600B Quad-Core</u>	2,575	1253	<u>17.50</u>	<u>\$147.19*</u>
<u>AMD Phenom 9650 Quad-Core</u>	1,932	1531	<u>84.16</u>	<u>\$22.95*</u>
<u>AMD Phenom 9750 Quad-Core</u>	2,693	1218	<u>92.26</u>	<u>\$29.19*</u>
<u>AMD Phenom 9750B Quad-Core</u>	2,469	1295	NA	NA
<u>AMD Phenom 9850 Quad-Core</u>	2,811	1177	<u>21.63</u>	<u>\$129.99*</u>
<u>AMD Phenom 9850B Quad-Core</u>	3,161	1081	NA	NA
<u>AMD Phenom 9950 Quad-Core</u>	2,897	1157	<u>82.89</u>	<u>\$34.95*</u>
<u>AMD Phenom FX-5000 Quad-Core</u>	1,660	1660	NA	NA
<u>AMD Phenom FX-5200 Quad-Core</u>	1,685	1646	NA	NA
<u>AMD Phenom II N620 Dual-Core</u>	980	2109	<u>245.55</u>	<u>\$3.99*</u>
<u>AMD Phenom II N640 Dual-Core</u>	957	2133	<u>14.74</u>	<u>\$64.95*</u>
<u>AMD Phenom II N660 Dual-Core</u>	1,051	2045	<u>11.80</u>	<u>\$89.00*</u>
<u>AMD Phenom II N830 3+1</u>	2,652	1231	NA	NA
<u>AMD Phenom II N830 Triple-Core</u>	1,847	1581	NA	NA
<u>AMD Phenom II N850 Triple-Core</u>	1,820	1592	<u>72.80</u>	<u>\$25.00*</u>
<u>AMD Phenom II N870 Triple-Core</u>	2,095	1442	NA	NA
<u>AMD Phenom II N930 Quad-Core</u>	2,186	1404	<u>16.82</u>	<u>\$129.95*</u>
<u>AMD Phenom II N950 Quad-Core</u>	2,406	1325	<u>21.37</u>	<u>\$112.60*</u>
<u>AMD Phenom II N970 Quad-Core</u>	2,449	1306	<u>16.33</u>	<u>\$149.99*</u>
<u>AMD Phenom II P650 Dual-Core</u>	814	2239	<u>23.26</u>	<u>\$35.00*</u>
<u>AMD Phenom II P820 Triple-Core</u>	1,601	1696	NA	NA
<u>AMD Phenom II P840 Triple-Core</u>	1,651	1671	NA	NA
<u>AMD Phenom II P860 Triple-Core</u>	1,755	1622	NA	NA
<u>AMD Phenom II P920 Quad-Core</u>	1,740	1631	<u>26.77</u>	<u>\$65.00*</u>

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Phenom II P940 Quad-Core</u>	1,977	1505	NA	NA
<u>AMD Phenom II P960 Quad-Core</u>	1,708	1638	<u>60.99</u>	<u>\$28.00*</u>
<u>AMD Phenom II X2 511</u>	1,153	1962	NA	NA
<u>AMD Phenom II X2 521</u>	1,180	1934	NA	NA
<u>AMD Phenom II X2 545</u>	1,223	1903	<u>27.82</u>	<u>\$43.98*</u>
<u>AMD Phenom II X2 550</u>	1,181	1932	<u>53.78</u>	<u>\$21.95</u>
<u>AMD Phenom II X2 555</u>	1,230	1899	<u>43.96</u>	<u>\$27.98*</u>
<u>AMD Phenom II X2 560</u>	1,220	1905	<u>18.77</u>	<u>\$64.99*</u>
<u>AMD Phenom II X2 565</u>	1,376	1811	<u>8.15</u>	<u>\$168.87*</u>
<u>AMD Phenom II X2 570</u>	1,354	1823	NA	NA
<u>AMD Phenom II X2 B53</u>	1,109	2002	NA	NA
<u>AMD Phenom II X2 B55</u>	1,196	1924	<u>24.93</u>	<u>\$47.95*</u>
<u>AMD Phenom II X2 B57</u>	1,179	1935	NA	NA
<u>AMD Phenom II X2 B59</u>	1,269	1872	<u>37.28</u>	<u>\$34.05</u>
<u>AMD Phenom II X3 700e</u>	1,444	1781	NA	NA
<u>AMD Phenom II X3 705e</u>	1,269	1873	<u>8.33</u>	<u>\$152.34*</u>
<u>AMD Phenom II X3 710</u>	1,458	1773	<u>17.24</u>	<u>\$84.53*</u>
<u>AMD Phenom II X3 720</u>	1,645	1676	<u>103.44</u>	<u>\$15.90</u>
<u>AMD Phenom II X3 740</u>	1,750	1626	<u>19.66</u>	<u>\$88.99*</u>
<u>AMD Phenom II X3 B73</u>	1,596	1700	<u>21.29</u>	<u>\$75.00*</u>
<u>AMD Phenom II X3 B75</u>	1,666	1654	<u>41.66</u>	<u>\$39.99*</u>
<u>AMD Phenom II X3 B77</u>	1,867	1569	<u>83.78</u>	<u>\$22.29*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Phenom II X4 805</u>	1,780	1609	<u>10.23</u>	<u>\$173.99*</u>
<u>AMD Phenom II X4 810</u>	1,811	1599	<u>72.59</u>	<u>\$24.95</u>
<u>AMD Phenom II X4 820</u>	1,965	1510	<u>26.21</u>	<u>\$74.95*</u>
<u>AMD Phenom II X4 830</u>	1,959	1515	<u>28.01</u>	<u>\$69.95*</u>
<u>AMD Phenom II X4 840</u>	3,406	1004	<u>97.31</u>	<u>\$35.00</u>
<u>AMD Phenom II X4 840T</u>	2,324	1358	<u>33.20</u>	<u>\$69.99*</u>
<u>AMD Phenom II X4 850</u>	3,492	981	<u>53.73</u>	<u>\$64.99*</u>
<u>AMD Phenom II X4 900e</u>	1,563	1719	NA	NA
<u>AMD Phenom II X4 905e</u>	1,761	1618	<u>32.62</u>	<u>\$53.99*</u>
<u>AMD Phenom II X4 910</u>	1,899	1548	<u>18.99</u>	<u>\$100.00*</u>
<u>AMD Phenom II X4 910e</u>	1,874	1564	<u>26.80</u>	<u>\$69.90*</u>

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 920	1,927	1534	48.24	\$39.94*
AMD Phenom II X4 925	2,159	1417	72.09	\$29.95*
AMD Phenom II X4 940	2,023	1480	50.63	\$39.95*
AMD Phenom II X4 945	2,065	1457	59.17	\$34.89
AMD Phenom II X4 955	2,365	1347	63.06	\$37.50
AMD Phenom II X4 960T	2,391	1334	5.10	\$469.00
AMD Phenom II X4 965	2,541	1266	84.72	\$29.99
AMD Phenom II X4 970	2,621	1241	37.52	\$69.85
AMD Phenom II X4 973	2,289	1371	NA	NA
AMD Phenom II X4 975	2,442	1312	25.17	\$97.00*
AMD Phenom II X4 977	2,283	1373	NA	NA
AMD Phenom II X4 980	2,575	1254	11.20	\$229.99*
AMD Phenom II X4 B05e	2,793	1185	NA	NA
AMD Phenom II X4 B15e	2,737	1205	NA	NA
AMD Phenom II X4 B25	3,046	1115	NA	NA
AMD Phenom II X4 B35	3,384	1007	NA	NA
AMD Phenom II X4 B40	3,224	1054	NA	NA
AMD Phenom II X4 B45	3,360	1016	NA	NA
AMD Phenom II X4 B50	2,147	1428	NA	NA
AMD Phenom II X4 B55	2,201	1400	NA	NA
AMD Phenom II X4 B60	2,325	1357	NA	NA
AMD Phenom II X4 B65	2,473	1292	NA	NA
AMD Phenom II X4 B70	2,293	1369	NA	NA
AMD Phenom II X4 B93	1,877	1562	NA	NA
AMD Phenom II X4 B95	2,179	1409	61.54	\$35.41*
AMD Phenom II X4 B97	2,277	1375	39.95	\$56.99*
AMD Phenom II X4 B99	2,430	1316	NA	NA
AMD Phenom II X6 1035T	2,936	1145	15.54	\$189.00*
AMD Phenom II X6 1045T	3,079	1103	29.60	\$104.02*
AMD Phenom II X6 1055T	3,231	1052	40.60	\$79.59*
AMD Phenom II X6 1065T	3,199	1066	NA	NA
AMD Phenom II X6 1075T	2,302	1367	23.29	\$98.86*
AMD Phenom II X6 1090T	3,608	963	24.38	\$148.02*
AMD Phenom II X6 1100T	3,747	929	23.42	\$160.00

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<u>AMD Phenom II X6 1405T</u>	3,371	1012	NA	NA
<u>AMD Phenom II X620 Dual-Core</u>	1,251	1886	NA	NA
<u>AMD Phenom II X640 Dual-Core</u>	1,155	1960	NA	NA
<u>AMD Phenom II X920 Quad-Core</u>	2,503	1285	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 X940 Quad-Core</u>	2,696	1216	NA	NA
<u>AMD Phenom X2 Dual-Core GE-5060</u>	1,566	1715	NA	NA
<u>AMD Phenom X2 Dual-Core GE-6060</u>	1,722	1635	NA	NA
<u>AMD Phenom X2 Dual-Core GE-7060</u>	1,002	2092	NA	NA
<u>AMD Phenom X2 Dual-Core GP-7730</u>	1,436	1787	NA	NA
<u>AMD Phenom X3 8550</u>	1,968	1509	<u>11.58</u>	<u>\$169.95*</u>
<u>AMD Phenom X4 Quad-Core GP-9500</u>	1,758	1620	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9530</u>	1,994	1498	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9600</u>	2,235	1393	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9730</u>	2,897	1156	NA	NA
<u>AMD Phenom X4 Quad-Core GS-6560</u>	1,063	2037	NA	NA
<u>AMD PRO A4-3350B APU</u>	1,393	1804	NA	NA
<u>AMD PRO A4-4350B</u>	1,105	2005	NA	NA
<u>AMD PRO A4-8350B</u>	1,857	1575	NA	NA
<u>AMD PRO A6-7350B</u>	1,807	1601	NA	NA
<u>AMD PRO A6-8500B</u>	2,521	1274	NA	NA
<u>AMD PRO A6-8530B</u>	1,512	1746	NA	NA
<u>AMD PRO A6-8550B</u>	2,038	1473	NA	NA
<u>AMD PRO A6-8570</u>	1,985	1503	NA	NA
<u>AMD PRO A6-8570E</u>	1,816	1595	NA	NA
<u>AMD PRO A6-9500</u>	1,897	1550	<u>25.63</u>	<u>\$74.00*</u>
<u>AMD PRO A6-9500B</u>	1,335	1833	NA	NA
<u>AMD PRO A6-9500E</u>	1,704	1640	<u>23.03</u>	<u>\$74.00*</u>
<u>AMD PRO A8-8600B</u>	2,379	1337	NA	NA
<u>AMD PRO A8-8650B</u>	3,169	1074	NA	NA
<u>AMD PRO A8-8670E</u>	3,016	1123	NA	NA
<u>AMD PRO A8-9600</u>	3,376	1008	<u>28.37</u>	<u>\$119.00*</u>
<u>AMD PRO A8-9600B</u>	2,551	1263	NA	NA
<u>AMD PRO A10-8700R</u>	2,906	1155	NA	NA

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AMD PRO A10-8730B	2,374	1342	NA	NA
AMD PRO A10-8750B	3,317	1031	NA	NA
AMD PRO A10-8770	3,669	948	NA	NA
AMD PRO A10-8770E	3,119	1089	NA	NA
AMD PRO A10-8850B	4,020	896	NA	NA
AMD PRO A10-9700	3,548	972	20.99	\$169.00*
AMD PRO A10-9700B	2,649	1232	NA	NA
AMD PRO A10-9700E	3,201	1063	23.03	\$139.00*
AMD PRO A12-8800B	3,540	974	NA	NA
AMD PRO A12-8830B	2,413	1323	NA	NA
AMD PRO A12-8870	3,883	912	NA	NA
AMD PRO A12-8870E	3,071	1105	NA	NA
AMD PRO A12-9800	3,921	906	23.20	\$169.00*
AMD PRO A12-9800B	2,525	1273	NA	NA
AMD PRO A12-9800E	3,044	1116	18.01	\$169.00*
AMD QC-4000	929	2151	NA	NA
AMD R-260H APU	1,576	1711	NA	NA
AMD R-272F APU	2,007	1493	NA	NA
AMD R-460L APU	1,955	1518	NA	NA
AMD R-464L APU	2,929	1148	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD RX-427BB	2,659	1225	NA	NA
AMD Ryzen 3 1200	6,442	583	64.43	\$99.98
AMD Ryzen 3 1300X	7,228	492	46.04	\$157.00
AMD Ryzen 3 2200G	6,922	526	65.96	\$104.95
AMD Ryzen 3 2200GE	6,115	629	NA	NA
AMD Ryzen 3 2200U	3,913	909	NA	NA
AMD Ryzen 3 2300U	5,492	691	NA	NA
AMD Ryzen 3 2300X	9,184	339	46.03	\$199.52*
AMD Ryzen 3 3200G	7,278	488	76.62	\$94.99
AMD Ryzen 3 3200U	4,013	898	NA	NA
AMD Ryzen 3 3300U	5,483	694	NA	NA
AMD Ryzen 3 4300U	8,364	387	NA	NA
AMD Ryzen 3 PRO 1200	7,092	506	NA	NA

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<u>AMD Ryzen 3 PRO 1300</u>	8,103	413	NA	NA
<u>AMD Ryzen 3 PRO 2100GE</u>	4,551	818	NA	NA
<u>AMD Ryzen 3 PRO 2200G</u>	6,662	553	NA	NA
<u>AMD Ryzen 3 PRO 2200GE</u>	6,073	634	NA	NA
<u>AMD Ryzen 3 PRO 2300U</u>	5,783	661	NA	NA
<u>AMD Ryzen 3 PRO 3200G</u>	7,227	493	NA	NA
<u>AMD Ryzen 3 PRO 3200GE</u>	7,386	482	NA	NA
<u>AMD Ryzen 3 PRO 3300U</u>	6,050	636	NA	NA
<u>AMD Ryzen 5 1400</u>	8,059	421	<u>58.04</u>	<u>\$138.86</u>
<u>AMD Ryzen 5 1500X</u>	9,477	324	<u>52.99</u>	<u>\$178.86</u>
<u>AMD Ryzen 5 1600</u>	12,480	205	<u>146.82</u>	<u>\$85.00</u>
<u>AMD Ryzen 5 1600X</u>	13,263	184	<u>74.94</u>	<u>\$176.99</u>
<u>AMD Ryzen 5 2400G</u>	9,081	345	<u>60.54</u>	<u>\$149.99</u>
<u>AMD Ryzen 5 2400GE</u>	8,040	423	NA	NA
<u>AMD Ryzen 5 2500U</u>	6,812	536	NA	NA
<u>AMD Ryzen 5 2500X</u>	10,676	268	NA	NA
<u>AMD Ryzen 5 2600</u>	13,470	177	<u>112.81</u>	<u>\$119.41</u>
<u>AMD Ryzen 5 2600H</u>	7,446	473	NA	NA
<u>AMD Ryzen 5 2600X</u>	14,437	154	<u>84.95</u>	<u>\$169.95</u>
<u>AMD Ryzen 5 3400G</u>	9,595	316	<u>48.92</u>	<u>\$196.13</u>
<u>AMD Ryzen 5 3500</u>	12,586	202	NA	NA
<u>AMD Ryzen 5 3500U</u>	7,248	491	NA	NA
<u>AMD Ryzen 5 3500X</u>	13,764	171	NA	NA
<u>AMD Ryzen 5 3550H</u>	8,098	415	NA	NA
<u>AMD Ryzen 5 3580U</u>	7,191	496	NA	NA
<u>AMD Ryzen 5 3600</u>	17,842	97	<u>101.96</u>	<u>\$174.99</u>
<u>AMD Ryzen 5 3600X</u>	18,353	89	<u>94.12</u>	<u>\$195.00</u>
<u>AMD Ryzen 5 PRO 1500</u>	10,623	272	NA	NA
<u>AMD Ryzen 5 PRO 1600</u>	11,141	243	NA	NA
<u>AMD Ryzen 5 PRO 2400G</u>	8,244	397	NA	NA
<u>AMD Ryzen 5 PRO 2400GE</u>	7,342	483	NA	NA
<u>AMD Ryzen 5 PRO 2500U</u>	6,164	618	NA	NA
<u>AMD Ryzen 5 PRO 2600</u>	13,838	169	NA	NA
<u>AMD Ryzen 5 PRO 3400G</u>	9,158	340	NA	NA

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<u>AMD Ryzen 5 PRO 3400GE</u>	8,988	350	NA	NA
<u>AMD Ryzen 5 PRO 3500U</u>	7,941	429	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Ryzen 5 PRO 3600</u>	18,537	87	NA	NA
<u>AMD Ryzen 7 1700</u>	14,477	153	<u>55.71</u>	<u>\$259.86</u>
<u>AMD Ryzen 7 1700X</u>	15,562	132	<u>76.29</u>	<u>\$203.99</u>
<u>AMD Ryzen 7 1800X</u>	16,402	112	<u>91.13</u>	<u>\$179.99</u>
<u>AMD Ryzen 7 2700</u>	15,966	118	<u>81.09</u>	<u>\$196.90</u>
<u>AMD Ryzen 7 2700E</u>	14,754	146	NA	NA
<u>AMD Ryzen 7 2700U</u>	6,827	532	NA	NA
<u>AMD Ryzen 7 2700X</u>	17,795	99	<u>98.89</u>	<u>\$179.95</u>
<u>AMD Ryzen 7 2800H</u>	7,563	463	NA	NA
<u>AMD Ryzen 7 3700U</u>	7,192	495	NA	NA
<u>AMD Ryzen 7 3700X</u>	22,770	54	<u>76.16</u>	<u>\$298.99</u>
<u>AMD Ryzen 7 3750H</u>	8,488	378	NA	NA
<u>AMD Ryzen 7 3780U</u>	7,482	470	NA	NA
<u>AMD Ryzen 7 3800X</u>	23,245	51	<u>68.37</u>	<u>\$339.99</u>
<u>AMD Ryzen 7 PRO 1700</u>	14,523	152	NA	NA
<u>AMD Ryzen 7 PRO 1700X</u>	16,435	111	NA	NA
<u>AMD Ryzen 7 PRO 2700</u>	15,852	125	NA	NA
<u>AMD Ryzen 7 PRO 2700U</u>	7,512	466	NA	NA
<u>AMD Ryzen 7 PRO 2700X</u>	17,763	102	NA	NA
<u>AMD Ryzen 7 PRO 3700</u>	23,406	46	NA	NA
<u>AMD Ryzen 7 PRO 3700U</u>	7,489	468	NA	NA
<u>AMD Ryzen 9 3900</u>	31,206	16	NA	NA
<u>AMD Ryzen 9 3900X</u>	32,855	12	<u>78.43</u>	<u>\$418.89</u>
<u>AMD Ryzen 9 3950X</u>	39,203	8	<u>53.12</u>	<u>\$737.99</u>
<u>AMD Ryzen 9 PRO 3900</u>	32,179	14	NA	NA
<u>AMD Ryzen Embedded R1505G</u>	4,245	862	NA	NA
<u>AMD Ryzen Embedded R1606G</u>	4,370	839	NA	NA
<u>AMD Ryzen Embedded V1202B</u>	3,689	941	NA	NA
<u>AMD Ryzen Embedded V1404I</u>	4,611	806	NA	NA
<u>AMD Ryzen Embedded V1605B</u>	6,542	571	NA	NA
<u>AMD Ryzen Embedded V1756R</u>	7,618	456	NA	NA

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<u>AMD Ryzen Embedded V1807B</u>	7,825	440	NA	NA
<u>AMD Ryzen Threadripper 1900X</u>	17,779	100	<u>98.88</u>	<u>\$179.80</u>
<u>AMD Ryzen Threadripper 1920X</u>	23,962	42	<u>133.13</u>	<u>\$179.99</u>
<u>AMD Ryzen Threadripper 1950X</u>	26,774	26	<u>44.68</u>	<u>\$599.22</u>
<u>AMD Ryzen Threadripper 2920X</u>	26,164	34	<u>47.57</u>	<u>\$549.99</u>
<u>AMD Ryzen Threadripper 2950X</u>	31,111	17	<u>46.51</u>	<u>\$668.98</u>
<u>AMD Ryzen Threadripper 2970WX</u>	28,064	22	<u>31.13</u>	<u>\$901.47</u>
<u>AMD Ryzen Threadripper 2990WX</u>	27,826	24	<u>19.27</u>	<u>\$1,443.92</u>
<u>AMD Ryzen Threadripper 2990X</u>	21,154	70	NA	NA
<u>AMD Ryzen Threadripper 3960X</u>	55,003	5	<u>39.32</u>	<u>\$1,399.00</u>
<u>AMD Ryzen Threadripper 3970X</u>	59,868	3	<u>31.51</u>	<u>\$1,899.99</u>
<u>AMD Ryzen Threadripper 3990X</u>	76,518	1	<u>19.63</u>	<u>\$3,899.00</u>
<u>AMD Sempron 130</u>	517	2473	<u>17.22</u>	<u>\$30.00</u>
<u>AMD Sempron 140</u>	433	2553	<u>36.26</u>	<u>\$11.95</u>
<u>AMD Sempron 145</u>	437	2548	<u>33.74</u>	<u>\$12.95</u>
<u>AMD Sempron 150</u>	494	2493	<u>47.06</u>	<u>\$10.50</u>
<u>AMD Sempron 210U</u>	411	2578	NA	NA
<u>AMD Sempron 240</u>	2,111	1440	<u>43.97</u>	<u>\$48.00</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Sempron 2200+</u>	283	2702	<u>9.42</u>	<u>\$29.99</u>
<u>AMD Sempron 2300+</u>	318	2663	<u>7.07</u>	<u>\$45.00*</u>
<u>AMD Sempron 2400+</u>	315	2667	<u>24.22</u>	<u>\$12.99</u>
<u>AMD Sempron 2500+</u>	265	2723	<u>4.42</u>	<u>\$59.95</u>
<u>AMD Sempron 2600+</u>	389	2596	<u>17.67</u>	<u>\$22.00</u>
<u>AMD Sempron 2650 APU</u>	558	2442	<u>9.36</u>	<u>\$59.61</u>
<u>AMD Sempron 2800+</u>	358	2630	<u>29.87</u>	<u>\$12.00</u>
<u>AMD Sempron 3000+</u>	412	2577	<u>10.31</u>	<u>\$39.95</u>
<u>AMD Sempron 3100+</u>	458	2523	<u>5.73</u>	<u>\$79.95</u>
<u>AMD Sempron 3200+</u>	443	2540	<u>8.89</u>	<u>\$49.86</u>
<u>AMD Sempron 3300+</u>	484	2503	<u>32.29</u>	<u>\$15.00</u>
<u>AMD Sempron 3400+</u>	450	2533	<u>21.01</u>	<u>\$21.40</u>
<u>AMD Sempron 3500+</u>	357	2632	<u>23.78</u>	<u>\$15.00</u>
<u>AMD Sempron 3600+</u>	559	2440	<u>42.37</u>	<u>\$13.20</u>
<u>AMD Sempron 3800+</u>	554	2444	<u>36.97</u>	<u>\$14.99</u>

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<u>AMD Sempron 3850 APU</u>	980	2110	<u>12.30</u>	<u>\$79.68</u>
<u>AMD Sempron Dual Core 2100</u>	972	2116	<u>25.58</u>	<u>\$37.99</u>
<u>AMD Sempron Dual Core 2200</u>	996	2098	NA	NA
<u>AMD Sempron Dual Core 2300</u>	982	2107	<u>23.39</u>	<u>\$41.99*</u>
<u>AMD Sempron LE-1100</u>	486	2500	<u>24.35</u>	<u>\$19.95</u>
<u>AMD Sempron LE-1150</u>	407	2581	<u>20.41</u>	<u>\$19.95</u>
<u>AMD Sempron LE-1200</u>	551	2445	<u>36.86</u>	<u>\$14.95</u>
<u>AMD Sempron LE-1250</u>	544	2450	<u>14.32</u>	<u>\$37.99</u>
<u>AMD Sempron LE-1300</u>	615	2400	<u>47.33</u>	<u>\$13.00</u>
<u>AMD Sempron M100</u>	318	2664	<u>26.50</u>	<u>\$12.00*</u>
<u>AMD Sempron M120</u>	334	2649	NA	NA
<u>AMD Sempron SI-40</u>	444	2538	<u>37.01</u>	<u>\$12.00*</u>
<u>AMD Sempron SI-42</u>	461	2521	<u>15.38</u>	<u>\$29.99</u>
<u>AMD Sempron X2 180</u>	819	2235	<u>11.80</u>	<u>\$69.40*</u>
<u>AMD Sempron X2 190</u>	872	2196	<u>10.45</u>	<u>\$83.44*</u>
<u>AMD Sempron X2 198 Dual-Core</u>	975	2114	NA	NA
<u>AMD Turion 64 Mobile MK-36</u>	483	2505	NA	NA
<u>AMD Turion 64 Mobile MK-38</u>	520	2472	NA	NA
<u>AMD Turion 64 Mobile ML-28</u>	391	2594	NA	NA
<u>AMD Turion 64 Mobile ML-30</u>	426	2562	NA	NA
<u>AMD Turion 64 Mobile ML-32</u>	438	2546	NA	NA
<u>AMD Turion 64 Mobile ML-34</u>	425	2563	NA	NA
<u>AMD Turion 64 Mobile ML-37</u>	489	2495	<u>18.80</u>	<u>\$25.99*</u>
<u>AMD Turion 64 Mobile ML-40</u>	522	2469	NA	NA
<u>AMD Turion 64 Mobile ML-42</u>	615	2399	NA	NA
<u>AMD Turion 64 Mobile ML-44</u>	591	2420	NA	NA
<u>AMD Turion 64 Mobile MT-30</u>	379	2604	NA	NA
<u>AMD Turion 64 Mobile MT-32</u>	440	2544	NA	NA
<u>AMD Turion 64 Mobile MT-34</u>	429	2559	NA	NA
<u>AMD Turion 64 Mobile MT-37</u>	485	2502	NA	NA
<u>AMD Turion 64 X2 Mobile TL-50</u>	752	2284	<u>15.05</u>	<u>\$49.99*</u>
<u>AMD Turion 64 X2 Mobile TL-52</u>	722	2310	NA	NA
<u>AMD Turion 64 X2 Mobile TL-56</u>	994	2099	<u>71.25</u>	<u>\$13.95*</u>
<u>AMD Turion 64 X2 Mobile TL-58</u>	948	2138	NA	NA

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AMD Turion 64 X2 Mobile TL-60	1,047	2049	65.66	\$15.95*
AMD Turion 64 X2 Mobile TL-62	1,131	1979	3.64	\$311.00*
AMD Turion 64 X2 Mobile TL-64	993	2100	25.22	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1,136	1975	3.01	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1,319	1840	14.66	\$90.00*
AMD Turion Dual-Core RM-70	1,078	2022	43.11	\$25.00*
AMD Turion Dual-Core RM-72	1,121	1991	28.04	\$39.99*
AMD Turion Dual-Core RM-74	1,017	2078	NA	NA
AMD Turion Dual-Core RM-75	1,139	1972	41.48	\$27.46*
AMD Turion II Dual-Core Mobile M500	711	2321	NA	NA
AMD Turion II Dual-Core Mobile M520	784	2263	11.34	\$69.10*
AMD Turion II Dual-Core Mobile M540	836	2225	NA	NA
AMD Turion II N530 Dual-Core	811	2242	27.04	\$30.00*
AMD Turion II N550 Dual-Core	870	2201	NA	NA
AMD Turion II Neo K625 Dual-Core	560	2439	NA	NA
AMD Turion II Neo K685 Dual-Core	678	2339	NA	NA
AMD Turion II Neo N40L Dual-Core	585	2424	NA	NA
AMD Turion II Neo N54L Dual-Core	698	2328	NA	NA
AMD Turion II P520 Dual-Core	752	2285	NA	NA
AMD Turion II P540 Dual-Core	794	2257	15.90	\$49.95*
AMD Turion II P560 Dual-Core	896	2182	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	813	2240	30.40	\$26.76*
AMD Turion II Ultra Dual-Core Mobile M620	826	2231	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	954	2135	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	899	2177	NA	NA
AMD Turion Neo X2 Dual Core L625	762	2277	NA	NA
AMD Turion X2 Dual Core L510	924	2157	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	859	2210	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1,090	2014	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	943	2141	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1,032	2060	4.60	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1,071	2027	43.75	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1,024	2066	NA	NA

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<u>AMD Turion X2 Dual-Core Mobile RM-77</u>	1,097	2008	NA	NA
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-80</u>	1,182	1931	<u>19.07</u>	<u>\$62.00*</u>
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-82</u>	1,217	1907	NA	NA
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-84</u>	1,265	1875	<u>66.64</u>	<u>\$18.99*</u>
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-85</u>	1,262	1877	<u>28.05</u>	<u>\$45.00*</u>
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-86</u>	1,279	1868	<u>26.10</u>	<u>\$49.00*</u>
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-87</u>	1,190	1927	<u>29.79</u>	<u>\$39.95*</u>
<u>AMD TurionX2 Dual Core Mobile RM-70</u>	1,015	2080	NA	NA
<u>AMD TurionX2 Dual Core Mobile RM-72</u>	815	2238	NA	NA
<u>AMD TurionX2 Ultra DualCore Mobile ZM-85</u>	1,454	1774	NA	NA
<u>AMD V105</u>	182	2799	NA	NA
<u>AMD V120</u>	325	2657	NA	NA
<u>AMD V140</u>	369	2616	<u>7.38</u>	<u>\$49.95*</u>
<u>AMD V160</u>	347	2638	NA	NA
<u>AMD Z-01</u>	299	2685	NA	NA
<u>AMD Z-60 APU</u>	255	2734	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Athlon 64 Dual Core 3800+</u>	1,234	1895	NA	NA
<u>Athlon 64 Dual Core 5000+</u>	1,504	1749	NA	NA
<u>Athlon 64 Dual Core 5600+</u>	1,548	1726	NA	NA
<u>Athlon Dual Core 4050e</u>	1,152	1963	NA	NA
<u>Athlon Dual Core 4450e</u>	1,204	1919	NA	NA
<u>Athlon Dual Core 4850e</u>	1,360	1818	NA	NA
<u>Celeron Dual-Core T3000 @ 1.80GHz</u>	625	2392	NA	NA
<u>Celeron Dual-Core T3100 @ 1.90GHz</u>	723	2308	<u>22.60</u>	<u>\$32.00</u>
<u>Celeron Dual-Core T3300 @ 2.00GHz</u>	650	2366	NA	NA
<u>Celeron Dual-Core T3500 @ 2.10GHz</u>	730	2303	NA	NA
<u>Dual-Core AMD Opteron 1220 SE</u>	1,207	1918	NA	NA
<u>HP Hexa-Core 2.0GHz</u>	1,620	1685	<u>3.21</u>	<u>\$504.27*</u>
<u>Intel 2.80GHz</u>	434	2551	NA	NA
<u>Intel Atom 230 @ 1.60GHz</u>	324	2658	NA	NA

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Intel Atom 330 @ 1.60GHz	571	2432	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2181	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2130	NA	NA
Intel Atom C2538 @ 2.40GHz	2,086	1448	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2,048	1468	NA	NA
Intel Atom C2558 @ 2.40GHz	2,169	1411	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3,694	940	15.92	\$232.00*
Intel Atom C2750 @ 2.41GHz	3,345	1022	NA	NA
Intel Atom C2758 @ 2.40GHz	3,163	1080	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2,455	1300	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2,539	1268	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4,853	773	14.62	\$332.00*
Intel Atom C3958 @ 2.00GHz	6,586	565	14.67	\$449.00*
Intel Atom D410 @ 1.66GHz	278	2709	0.44	\$635.99*
Intel Atom D425 @ 1.80GHz	380	2603	0.38	\$992.98*
Intel Atom D510 @ 1.66GHz	658	2359	6.78	\$97.16*
Intel Atom D525 @ 1.80GHz	720	2312	NA	NA
Intel Atom D2500 @ 1.86GHz	441	2542	NA	NA
Intel Atom D2550 @ 1.86GHz	737	2295	NA	NA
Intel Atom D2560 @ 2.00GHz	712	2320	NA	NA
Intel Atom D2700 @ 2.13GHz	822	2233	NA	NA
Intel Atom D2701 @ 2.13GHz	721	2311	NA	NA
Intel Atom E3815 @ 1.46GHz	102	2830	0.85	\$120.00
Intel Atom E3825 @ 1.33GHz	376	2607	5.34	\$70.32*
Intel Atom E3826 @ 1.46GHz	391	2593	NA	NA
Intel Atom E3827 @ 1.74GHz	502	2482	NA	NA
Intel Atom E3840 @ 1.91GHz	687	2333	NA	NA
Intel Atom E3845 @ 1.91GHz	934	2147	NA	NA
Intel Atom E3900 @ 1.60GHz	1,953	1520	NA	NA
Intel Atom E3940 @ 1.60GHz	1,868	1568	NA	NA
Intel Atom E3950 @ 1.60GHz	2,049	1467	NA	NA
Intel Atom N270 @ 1.60GHz	269	2720	NA	NA
Intel Atom N280 @ 1.66GHz	278	2710	NA	NA
Intel Atom N435 @ 1.33GHz	261	2727	NA	NA

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Intel Atom N450 @ 1.66GHz	303	2680	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N455 @ 1.66GHz	277	2711	NA	NA
Intel Atom N470 @ 1.83GHz	383	2602	NA	NA
Intel Atom N475 @ 1.83GHz	307	2674	NA	NA
Intel Atom N550 @ 1.50GHz	540	2452	6.28	\$86.00*
Intel Atom N570 @ 1.66GHz	573	2431	6.66	\$86.00*
Intel Atom N2100 @ 1.60GHz	310	2671	NA	NA
Intel Atom N2600 @ 1.60GHz	531	2460	NA	NA
Intel Atom N2800 @ 1.86GHz	633	2385	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2163	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2,039	1472	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	1,022	2071	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1,216	1909	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	925	2155	6.96	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	810	2243	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	991	2104	47.18	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1,309	1846	20.93	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1,419	1793	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1,356	1821	18.41	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1,469	1767	NA	NA
Intel Atom Z520 @ 1.33GHz	240	2755	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2704	NA	NA
Intel Atom Z670 @ 1.50GHz	244	2749	NA	NA
Intel Atom Z2760 @ 1.80GHz	576	2428	NA	NA
Intel Atom Z3735D @ 1.33GHz	529	2463	NA	NA
Intel Atom Z3735E @ 1.33GHz	546	2449	4.66	\$117.00*
Intel Atom Z3735F @ 1.33GHz	526	2466	2.90	\$181.30*
Intel Atom Z3735G @ 1.33GHz	530	2461	NA	NA
Intel Atom Z3736F @ 1.33GHz	504	2480	NA	NA
Intel Atom Z3740 @ 1.33GHz	619	2394	NA	NA
Intel Atom Z3740D @ 1.33GHz	599	2414	NA	NA
Intel Atom Z3745 @ 1.33GHz	634	2383	21.13	\$30.00*
Intel Atom Z3745D @ 1.33GHz	574	2429	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3770 @ 1.46GHz	734	2302	4.91	\$149.44*
Intel Atom Z3770D @ 1.49GHz	476	2511	NA	NA
Intel Atom Z3775 @ 1.46GHz	726	2306	20.76	\$35.00*
Intel Atom Z3775D @ 1.49GHz	778	2264	NA	NA
Intel Atom Z3795 @ 1.60GHz	1,067	2031	NA	NA
Intel Celeron 1.70GHz	155	2815	NA	NA
Intel Celeron 1.80GHz	148	2818	NA	NA
Intel Celeron 2.00GHz	192	2791	NA	NA
Intel Celeron 2.13GHz	175	2805	NA	NA
Intel Celeron 2.20GHz	213	2779	NA	NA
Intel Celeron 2.26GHz	192	2792	NA	NA
Intel Celeron 2.30GHz	227	2766	NA	NA
Intel Celeron 2.40GHz	219	2775	NA	NA
Intel Celeron 2.50GHz	252	2737	NA	NA
Intel Celeron 2.53GHz	245	2745	NA	NA
Intel Celeron 2.60GHz	220	2774	NA	NA
Intel Celeron 2.66GHz	183	2798	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.70GHz	245	2746	NA	NA
Intel Celeron 2.80GHz	201	2788	NA	NA
Intel Celeron 2.93GHz	243	2751	NA	NA
Intel Celeron 3.06GHz	245	2747	NA	NA
Intel Celeron 3.20GHz	280	2707	NA	NA
Intel Celeron 3.33GHz	276	2714	NA	NA
Intel Celeron 215 @ 1.33GHz	323	2660	NA	NA
Intel Celeron 220 @ 1.20GHz	321	2661	NA	NA
Intel Celeron 420 @ 1.60GHz	451	2531	9.02	\$49.95
Intel Celeron 430 @ 1.80GHz	467	2517	7.80	\$59.95
Intel Celeron 440 @ 2.00GHz	567	2434	11.34	\$49.99
Intel Celeron 450 @ 2.20GHz	667	2350	49.40	\$13.50
Intel Celeron 530 @ 1.73GHz	442	2541	19.22	\$22.99*
Intel Celeron 540 @ 1.86GHz	535	2455	NA	NA
Intel Celeron 550 @ 2.00GHz	581	2425	8.95	\$64.95*
Intel Celeron 560 @ 2.13GHz	561	2438	7.02	\$79.95*

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Intel Celeron 570 @ 2.26GHz	529	2464	NA	NA
Intel Celeron 723 @ 1.20GHz	222	2772	NA	NA
Intel Celeron 743 @ 1.30GHz	255	2732	NA	NA
Intel Celeron 807 @ 1.50GHz	455	2526	NA	NA
Intel Celeron 807UE @ 1.00GHz	224	2769	NA	NA
Intel Celeron 827E @ 1.40GHz	396	2590	NA	NA
Intel Celeron 847 @ 1.10GHz	422	2566	1.34	\$315.00*
Intel Celeron 847E @ 1.10GHz	643	2371	NA	NA
Intel Celeron 857 @ 1.20GHz	667	2349	NA	NA
Intel Celeron 867 @ 1.30GHz	604	2409	20.15	\$29.99*
Intel Celeron 877 @ 1.40GHz	757	2281	NA	NA
Intel Celeron 887 @ 1.50GHz	740	2292	NA	NA
Intel Celeron 900 @ 2.20GHz	404	2582	21.26	\$18.99
Intel Celeron 925 @ 2.30GHz	451	2530	NA	NA
Intel Celeron 1000M @ 1.80GHz	1,098	2007	NA	NA
Intel Celeron 1000MHz	214	2778	NA	NA
Intel Celeron 1005M @ 1.90GHz	1,026	2065	NA	NA
Intel Celeron 1007U @ 1.50GHz	873	2195	4.72	\$184.99*
Intel Celeron 1017U @ 1.60GHz	969	2118	NA	NA
Intel Celeron 1019Y @ 1.00GHz	598	2416	NA	NA
Intel Celeron 1020E @ 2.20GHz	1,458	1772	NA	NA
Intel Celeron 1020M @ 2.10GHz	1,322	1838	NA	NA
Intel Celeron 1037U @ 1.80GHz	1,103	2006	NA	NA
Intel Celeron 1047UE @ 1.40GHz	776	2265	NA	NA
Intel Celeron 1100MHz	174	2807	NA	NA
Intel Celeron 1200MHz	244	2748	NA	NA
Intel Celeron 2000E @ 2.20GHz	1,646	1675	NA	NA
Intel Celeron 2002E @ 1.50GHz	1,118	1995	13.00	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1,314	1845	NA	NA
Intel Celeron 2955U @ 1.40GHz	898	2180	NA	NA
Intel Celeron 2957U @ 1.40GHz	884	2188	NA	NA
Intel Celeron 2961Y @ 1.10GHz	751	2286	NA	NA
Intel Celeron 2970M @ 2.20GHz	1,537	1734	NA	NA
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Intel Celeron 2980U @ 1.60GHz	1,083	2019	NA	NA
Intel Celeron 2981U @ 1.60GHz	966	2120	NA	NA
Intel Celeron 3205U @ 1.50GHz	929	2152	3.24	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1,085	2017	NA	NA
Intel Celeron 3755U @ 1.70GHz	1,136	1976	NA	NA
Intel Celeron 3765U @ 1.90GHz	1,281	1866	NA	NA
Intel Celeron 3855U @ 1.60GHz	1,216	1910	NA	NA
Intel Celeron 3865U @ 1.80GHz	1,482	1763	NA	NA
Intel Celeron 3867U @ 1.80GHz	1,448	1778	13.53	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1,597	1699	NA	NA
Intel Celeron 3965U @ 2.20GHz	1,801	1604	16.83	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1,241	1891	11.60	\$107.00*
Intel Celeron 4205U @ 1.80GHz	1,336	1832	12.49	\$107.00*
Intel Celeron 4305UE @ 2.00GHz	1,996	1496	NA	NA
Intel Celeron @ 1.30GHz	585	2423	NA	NA
Intel Celeron B710 @ 1.60GHz	113	2829	NA	NA
Intel Celeron B800 @ 1.50GHz	763	2275	NA	NA
Intel Celeron B810 @ 1.60GHz	874	2193	NA	NA
Intel Celeron B815 @ 1.60GHz	845	2215	NA	NA
Intel Celeron B820 @ 1.70GHz	828	2230	28.27	\$29.29*
Intel Celeron B830 @ 1.80GHz	653	2364	13.07	\$49.99
Intel Celeron B840 @ 1.90GHz	1,001	2093	NA	NA
Intel Celeron D 347 @ 3.06GHz	273	2717	NA	NA
Intel Celeron D 352 @ 3.20GHz	333	2651	NA	NA
Intel Celeron D 356 @ 3.33GHz	295	2692	NA	NA
Intel Celeron D 360 @ 3.46GHz	446	2537	NA	NA
Intel Celeron D 420 @ 1.60GHz	482	2506	NA	NA
Intel Celeron E1200 @ 1.60GHz	549	2446	7.84	\$69.99
Intel Celeron E1400 @ 2.00GHz	656	2362	9.37	\$69.99*
Intel Celeron E1500 @ 2.20GHz	689	2332	35.06	\$19.65*
Intel Celeron E1600 @ 2.40GHz	794	2258	NA	NA
Intel Celeron E3200 @ 2.40GHz	819	2236	15.75	\$51.99*
Intel Celeron E3300 @ 2.50GHz	840	2222	17.87	\$47.00
Intel Celeron E3400 @ 2.60GHz	887	2184	30.60	\$29.00

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Intel Celeron E3500 @ 2.70GHz	1,002	2091	25.07	\$39.99*
Intel Celeron G440 @ 1.60GHz	454	2528	9.09	\$49.99*
Intel Celeron G460 @ 1.80GHz	642	2373	11.67	\$55.00
Intel Celeron G465 @ 1.90GHz	619	2395	6.19	\$100.00*
Intel Celeron G470 @ 2.00GHz	738	2294	NA	NA
Intel Celeron G530 @ 2.40GHz	1,225	1902	30.63	\$39.99*
Intel Celeron G530T @ 2.00GHz	1,126	1983	66.29	\$16.99
Intel Celeron G540 @ 2.50GHz	1,340	1831	121.50	\$11.03
Intel Celeron G540T @ 2.10GHz	1,253	1885	NA	NA
Intel Celeron G550 @ 2.60GHz	1,309	1847	18.70	\$70.00
Intel Celeron G550T @ 2.20GHz	1,176	1939	NA	NA
Intel Celeron G555 @ 2.70GHz	1,353	1824	13.67	\$99.00
Intel Celeron G1101 @ 2.27GHz	1,084	2018	54.81	\$19.77*
Intel Celeron G1610 @ 2.60GHz	1,601	1697	43.28	\$37.00
Intel Celeron G1610T @ 2.30GHz	1,352	1825	90.27	\$14.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1620 @ 2.70GHz	1,607	1694	29.23	\$54.99
Intel Celeron G1620T @ 2.40GHz	1,563	1718	37.20	\$42.00*
Intel Celeron G1630 @ 2.80GHz	1,574	1712	22.49	\$69.99
Intel Celeron G1820 @ 2.70GHz	1,882	1559	62.76	\$29.99
Intel Celeron G1820T @ 2.40GHz	1,745	1629	41.56	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	1,142	1971	NA	NA
Intel Celeron G1830 @ 2.80GHz	1,634	1681	17.21	\$94.95*
Intel Celeron G1840 @ 2.80GHz	1,901	1545	27.79	\$68.41
Intel Celeron G1840T @ 2.50GHz	1,622	1684	NA	NA
Intel Celeron G1850 @ 2.90GHz	2,029	1477	25.37	\$79.99*
Intel Celeron G3900 @ 2.80GHz	2,397	1330	61.47	\$39.00
Intel Celeron G3900E @ 2.40GHz	2,056	1463	19.21	\$107.00*
Intel Celeron G3900T @ 2.60GHz	2,223	1395	19.76	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	1,988	1501	47.33	\$42.00*
Intel Celeron G3920 @ 2.90GHz	2,177	1410	23.93	\$90.99*
Intel Celeron G3930 @ 2.90GHz	2,473	1293	27.60	\$89.59*
Intel Celeron G3930T @ 2.70GHz	2,248	1389	64.51	\$34.85
Intel Celeron G3930TE @ 2.70GHz	2,395	1332	57.03	\$42.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3950 @ 3.00GHz	2,516	1277	23.07	\$109.04*
Intel Celeron G4900 @ 3.10GHz	2,443	1311	59.61	\$40.99
Intel Celeron G4900T @ 2.90GHz	2,527	1272	60.17	\$42.00*
Intel Celeron G4920 @ 3.20GHz	2,659	1226	52.05	\$51.08
Intel Celeron G4930 @ 3.20GHz	2,848	1167	65.27	\$43.63
Intel Celeron J1750 @ 2.41GHz	613	2402	NA	NA
Intel Celeron J1800 @ 2.41GHz	599	2413	NA	NA
Intel Celeron J1850 @ 1.99GHz	963	2127	NA	NA
Intel Celeron J1900 @ 1.99GHz	1,056	2040	NA	NA
Intel Celeron J3060 @ 1.60GHz	717	2317	NA	NA
Intel Celeron J3160 @ 1.60GHz	1,384	1809	NA	NA
Intel Celeron J3355 @ 2.00GHz	1,296	1856	NA	NA
Intel Celeron J3455 @ 1.50GHz	2,193	1402	8.27	\$265.00
Intel Celeron J4005 @ 2.00GHz	1,591	1703	11.46	\$138.77
Intel Celeron J4025 @ 2.00GHz	1,825	1590	NA	NA
Intel Celeron J4105 @ 1.50GHz	2,937	1144	27.45	\$107.00*
Intel Celeron J4115 @ 1.80GHz	2,816	1175	NA	NA
Intel Celeron J4125 @ 2.00GHz	3,035	1118	NA	NA
Intel Celeron M 1.00GHz	229	2764	16.39	\$13.99
Intel Celeron M 1.30GHz	316	2665	NA	NA
Intel Celeron M 1.50GHz	332	2652	NA	NA
Intel Celeron M 1.60GHz	344	2642	NA	NA
Intel Celeron M 1.70GHz	388	2597	NA	NA
Intel Celeron M 360 1.40GHz	340	2645	NA	NA
Intel Celeron M 410 @ 1.46GHz	229	2765	NA	NA
Intel Celeron M 420 @ 1.60GHz	258	2729	NA	NA
Intel Celeron M 430 @ 1.73GHz	342	2643	NA	NA
Intel Celeron M 440 @ 1.86GHz	385	2598	NA	NA
Intel Celeron M 443 @ 1.20GHz	254	2735	NA	NA
Intel Celeron M 450 @ 2.00GHz	464	2520	NA	NA
Intel Celeron M 520 @ 1.60GHz	275	2715	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 530 @ 1.73GHz	520	2471	NA	NA
Intel Celeron M 723 @ 1.20GHz	274	2716	NA	NA

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Intel Celeron M 900MHz	189	2793	NA	NA
Intel Celeron M 1300MHz	304	2678	NA	NA
Intel Celeron M 1500MHz	333	2650	NA	NA
Intel Celeron N2805 @ 1.46GHz	295	2694	NA	NA
Intel Celeron N2806 @ 1.60GHz	476	2512	NA	NA
Intel Celeron N2807 @ 1.58GHz	501	2485	NA	NA
Intel Celeron N2808 @ 1.58GHz	478	2509	NA	NA
Intel Celeron N2810 @ 2.00GHz	444	2539	3.17	\$139.99*
Intel Celeron N2815 @ 1.86GHz	512	2478	NA	NA
Intel Celeron N2820 @ 2.13GHz	514	2475	3.11	\$164.99
Intel Celeron N2830 @ 2.16GHz	532	2458	NA	NA
Intel Celeron N2840 @ 2.16GHz	573	2430	NA	NA
Intel Celeron N2910 @ 1.60GHz	656	2361	NA	NA
Intel Celeron N2920 @ 1.86GHz	915	2165	NA	NA
Intel Celeron N2930 @ 1.83GHz	965	2123	NA	NA
Intel Celeron N2940 @ 1.83GHz	975	2113	NA	NA
Intel Celeron N3000 @ 1.04GHz	713	2319	NA	NA
Intel Celeron N3010 @ 1.04GHz	728	2304	NA	NA
Intel Celeron N3050 @ 1.60GHz	577	2426	3.50	\$164.90
Intel Celeron N3060 @ 1.60GHz	763	2276	4.51	\$169.00
Intel Celeron N3150 @ 1.60GHz	1,054	2041	NA	NA
Intel Celeron N3160 @ 1.60GHz	1,316	1844	4.70	\$279.99
Intel Celeron N3350 @ 1.10GHz	1,157	1955	4.83	\$239.26
Intel Celeron N3450 @ 1.10GHz	1,858	1572	10.04	\$185.08*
Intel Celeron N4000 @ 1.10GHz	1,504	1751	14.06	\$107.00*
Intel Celeron N4000C @ 1.10GHz	1,278	1870	NA	NA
Intel Celeron N4020 @ 1.10GHz	1,820	1593	NA	NA
Intel Celeron N4100 @ 1.10GHz	2,645	1233	24.72	\$107.00*
Intel Celeron N4120 @ 1.10GHz	2,555	1261	NA	NA
Intel Celeron P4500 @ 1.87GHz	665	2351	NA	NA
Intel Celeron P4505 @ 1.87GHz	646	2368	NA	NA
Intel Celeron P4600 @ 2.00GHz	833	2228	NA	NA
Intel Celeron SU2300 @ 1.20GHz	457	2525	NA	NA
Intel Celeron T1600 @ 1.66GHz	645	2369	32.26	\$19.99*

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Intel Celeron U1900 @ 1.99GHz	1,007	2086	NA	NA
Intel Celeron U3400 @ 1.07GHz	472	2514	NA	NA
Intel Celeron U3600 @ 1.20GHz	593	2419	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	669	2346	4.18	\$159.95*
Intel Core2 Duo E4400 @ 2.00GHz	642	2374	12.84	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	802	2250	11.25	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	762	2278	4.82	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	904	2171	33.48	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	547	2448	42.14	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	719	2315	14.38	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	792	2259	26.46	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	848	2214	16.96	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	839	2224	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6550 @ 2.33GHz	928	2153	62.06	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	970	2117	64.74	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1,064	2035	35.49	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	936	2146	90.90	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1,191	1926	23.82	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	968	2119	19.76	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1,029	2063	86.10	\$11.95
Intel Core2 Duo E7400 @ 2.80GHz	917	2162	31.62	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1,070	2028	77.27	\$13.85
Intel Core2 Duo E7600 @ 3.06GHz	1,201	1921	10.01	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	842	2219	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1,118	1994	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1,129	1980	22.59	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1,215	1911	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	1,443	1782	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1,209	1917	60.47	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1,201	1920	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	1,267	1874	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	1,187	1929	33.44	\$35.50
Intel Core2 Duo E8435 @ 3.06GHz	1,176	1942	19.60	\$59.99

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Intel Core2 Duo E8500 @ 3.16GHz	1,259	1880	84.56	\$14.89
Intel Core2 Duo E8600 @ 3.33GHz	1,423	1791	71.31	\$19.95
Intel Core2 Duo L7100 @ 1.20GHz	496	2489	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	494	2494	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	535	2454	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	597	2418	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	630	2389	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	706	2323	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	641	2375	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	901	2173	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	765	2273	38.28	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	774	2267	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	772	2269	19.30	\$39.99*
Intel Core2 Duo P7550 @ 2.26GHz	965	2122	4.20	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	965	2124	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	927	2154	3.12	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	961	2129	19.55	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	980	2108	24.51	\$40.00
Intel Core2 Duo P8800 @ 2.66GHz	1,028	2064	18.03	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	919	2160	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	906	2169	0.91	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1,012	2083	10.23	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1,125	1988	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	1,166	1950	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	674	2341	2.66	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1,021	2074	3.59	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	543	2451	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	531	2459	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	539	2453	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5270 @ 1.40GHz	487	2497	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	617	2396	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	590	2421	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	562	2437	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5500 @ 1.66GHz	599	2415	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	640	2377	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	643	2372	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	478	2508	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	616	2398	61.69	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	673	2342	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	736	2298	46.32	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	742	2288	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	645	2370	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	742	2289	49.50	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	658	2360	43.89	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	691	2331	17.94	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	785	2262	41.56	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	819	2234	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	654	2363	29.75	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	737	2297	7.37	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	766	2271	3.80	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	747	2287	24.12	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	717	2316	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	807	2248	18.77	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	903	2172	22.57	\$39.99*
Intel Core2 Duo T7700 @ 2.40GHz	916	2164	7.05	\$129.95
Intel Core2 Duo T7800 @ 2.60GHz	945	2139	1.56	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	841	2220	0.84	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	695	2329	6.38	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	998	2096	14.27	\$69.95*
Intel Core2 Duo T9400 @ 2.53GHz	865	2205	19.24	\$44.95*
Intel Core2 Duo T9500 @ 2.60GHz	1,042	2055	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1,118	1996	3.74	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1,172	1943	13.03	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	1,156	1956	2.73	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	1,239	1893	3.11	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	496	2491	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	408	2579	NA	NA

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Intel Core2 Duo U7600 @ 1.20GHz	412	2576	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	385	2599	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	496	2490	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	671	2344	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	2,298	1368	2.04	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	2,056	1462	1.37	\$1,495.95*
Intel Core2 Extreme Q9200 @ 2.40GHz	2,094	1445	NA	NA
Intel Core2 Extreme Q9300 @ 2.53GHz	1,947	1525	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1,144	1969	4.34	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1,066	2033	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1,058	2038	6.22	\$169.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme X9000 @ 2.80GHz	1,308	1849	3.19	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	1,242	1890	1.46	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	2,352	1352	2.73	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	2,446	1307	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	2,655	1228	1.65	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	2,848	1166	1.58	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	1,674	1651	41.86	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	2,026	1478	135.18	\$14.99*
Intel Core2 Quad Q8200 @ 2.33GHz	1,662	1658	72.30	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	1,647	1674	32.95	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	2,013	1488	94.78	\$21.24*
Intel Core2 Quad Q9000 @ 2.00GHz	1,545	1729	3.97	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	2,002	1494	5.19	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	1,899	1549	9.52	\$199.50*
Intel Core2 Quad Q9400 @ 2.66GHz	2,019	1483	42.04	\$48.03*
Intel Core2 Quad Q9450 @ 2.66GHz	1,910	1541	53.51	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	2,138	1432	61.09	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	2,045	1470	10.77	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	2,233	1394	50.18	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	2,430	1315	37.41	\$64.95
Intel Core2 Solo U2100 @ 1.06GHz	359	2627	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	276	2712	NA	NA

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Intel Core 860 @ 2.80GHz	2,752	1198	40.47	\$68.00
Intel Core Duo L2300 @ 1.50GHz	720	2313	NA	NA
Intel Core Duo L2400 @ 1.66GHz	703	2324	NA	NA
Intel Core Duo L2500 @ 1.83GHz	816	2237	NA	NA
Intel Core Duo T2050 @ 1.60GHz	627	2390	NA	NA
Intel Core Duo T2250 @ 1.73GHz	700	2327	NA	NA
Intel Core Duo T2300 @ 1.66GHz	672	2343	NA	NA
Intel Core Duo T2350 @ 1.86GHz	735	2301	NA	NA
Intel Core Duo T2400 @ 1.83GHz	754	2283	47.15	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	681	2338	NA	NA
Intel Core Duo T2500 @ 2.00GHz	807	2247	6.73	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	941	2142	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1,007	2087	NA	NA
Intel Core Duo U2400 @ 1.06GHz	514	2474	NA	NA
Intel Core Duo U2500 @ 1.20GHz	486	2499	NA	NA
Intel Core i3-330E @ 2.13GHz	1,258	1882	NA	NA
Intel Core i3-330M @ 2.13GHz	1,115	1997	7.44	\$149.95
Intel Core i3-330UM @ 1.20GHz	665	2352	NA	NA
Intel Core i3-350M @ 2.27GHz	1,159	1954	33.45	\$34.65*
Intel Core i3-370M @ 2.40GHz	1,257	1883	36.11	\$34.81*
Intel Core i3-380M @ 2.53GHz	1,221	1904	31.58	\$38.68
Intel Core i3-380UM @ 1.33GHz	736	2300	NA	NA
Intel Core i3-390M @ 2.67GHz	1,319	1839	33.87	\$38.95*
Intel Core i3-530 @ 2.93GHz	1,590	1704	58.88	\$27.00
Intel Core i3-540 @ 3.07GHz	1,553	1723	103.89	\$14.95
Intel Core i3-550 @ 3.20GHz	1,684	1648	10.03	\$167.95
Intel Core i3-560 @ 3.33GHz	1,827	1588	10.15	\$179.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-1005G1 @ 1.20GHz	5,516	689	19.63	\$281.00*
Intel Core i3-2100 @ 3.10GHz	1,870	1566	103.94	\$17.99
Intel Core i3-2100T @ 2.50GHz	1,942	1528	32.38	\$59.99*
Intel Core i3-2102 @ 3.10GHz	2,165	1414	37.33	\$58.00*
Intel Core i3-2105 @ 3.10GHz	2,263	1382	19.68	\$114.99*
Intel Core i3-2120 @ 3.30GHz	2,064	1458	129.09	\$15.99

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2120T @ 2.60GHz	1,767	1613	11.78	\$150.00
Intel Core i3-2125 @ 3.30GHz	2,473	1291	11.95	\$207.00*
Intel Core i3-2130 @ 3.40GHz	2,515	1280	98.65	\$25.49
Intel Core i3-2140 @ 3.50GHz	2,621	1240	NA	NA
Intel Core i3-2310E @ 2.10GHz	2,839	1171	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	1,156	1958	29.79	\$38.81*
Intel Core i3-2312M @ 2.10GHz	1,461	1771	NA	NA
Intel Core i3-2328M @ 2.20GHz	1,328	1835	14.29	\$92.97*
Intel Core i3-2330E @ 2.20GHz	1,946	1526	NA	NA
Intel Core i3-2330M @ 2.20GHz	1,244	1889	24.90	\$49.95*
Intel Core i3-2332M @ 2.20GHz	1,444	1780	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1,042	2056	NA	NA
Intel Core i3-2348M @ 2.30GHz	1,211	1916	NA	NA
Intel Core i3-2350M @ 2.30GHz	1,537	1735	70.24	\$21.88
Intel Core i3-2357M @ 1.30GHz	924	2156	NA	NA
Intel Core i3-2365M @ 1.40GHz	1,035	2059	NA	NA
Intel Core i3-2367M @ 1.40GHz	1,065	2034	NA	NA
Intel Core i3-2370M @ 2.40GHz	1,492	1756	40.33	\$36.99
Intel Core i3-2375M @ 1.50GHz	1,125	1987	NA	NA
Intel Core i3-2377M @ 1.50GHz	1,110	2001	NA	NA
Intel Core i3-3110M @ 2.40GHz	1,766	1614	22.08	\$79.95*
Intel Core i3-3120M @ 2.50GHz	1,893	1553	48.67	\$38.90*
Intel Core i3-3130M @ 2.60GHz	2,270	1378	NA	NA
Intel Core i3-3210 @ 3.20GHz	2,776	1191	13.95	\$199.00*
Intel Core i3-3217U @ 1.80GHz	1,256	1884	5.48	\$228.99
Intel Core i3-3217UE @ 1.60GHz	1,412	1794	NA	NA
Intel Core i3-3220 @ 3.30GHz	2,303	1365	59.05	\$39.00
Intel Core i3-3220T @ 2.80GHz	2,441	1313	21.23	\$115.00
Intel Core i3-3225 @ 3.30GHz	2,135	1434	6.57	\$324.99
Intel Core i3-3227U @ 1.90GHz	1,491	1757	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1,282	1865	NA	NA
Intel Core i3-3240 @ 3.40GHz	2,368	1345	52.62	\$45.00
Intel Core i3-3240T @ 2.90GHz	2,375	1339	NA	NA
Intel Core i3-3245 @ 3.40GHz	3,055	1112	22.46	\$135.99*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3250 @ 3.50GHz	2,582	1251	43.04	\$60.00
Intel Core i3-3250T @ 3.00GHz	2,748	1200	NA	NA
Intel Core i3-4000M @ 2.40GHz	2,113	1438	42.38	\$49.86
Intel Core i3-4005U @ 1.70GHz	1,616	1687	NA	NA
Intel Core i3-4010U @ 1.70GHz	1,702	1643	8.55	\$199.00*
Intel Core i3-4010Y @ 1.30GHz	1,343	1828	NA	NA
Intel Core i3-4012Y @ 1.50GHz	1,427	1790	NA	NA
Intel Core i3-4020Y @ 1.50GHz	1,439	1784	NA	NA
Intel Core i3-4025U @ 1.90GHz	1,854	1577	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4030U @ 1.90GHz	1,887	1557	NA	NA
Intel Core i3-4030Y @ 1.60GHz	1,665	1655	NA	NA
Intel Core i3-4100M @ 2.50GHz	2,497	1287	11.42	\$218.57*
Intel Core i3-4110M @ 2.60GHz	2,644	1234	NA	NA
Intel Core i3-4110U @ 1.90GHz	1,900	1547	NA	NA
Intel Core i3-4120U @ 2.00GHz	1,997	1495	NA	NA
Intel Core i3-4130 @ 3.40GHz	3,410	1002	43.72	\$78.00
Intel Core i3-4130T @ 2.90GHz	2,968	1137	11.94	\$248.56*
Intel Core i3-4150 @ 3.50GHz	3,474	984	41.41	\$83.91
Intel Core i3-4150T @ 3.00GHz	2,959	1138	15.66	\$188.94
Intel Core i3-4158U @ 2.00GHz	1,762	1616	NA	NA
Intel Core i3-4160 @ 3.60GHz	3,537	975	44.22	\$79.99*
Intel Core i3-4160T @ 3.10GHz	3,202	1062	21.35	\$149.99*
Intel Core i3-4170 @ 3.70GHz	3,613	962	40.59	\$89.00
Intel Core i3-4170T @ 3.20GHz	3,204	1061	15.26	\$209.95*
Intel Core i3-4330 @ 3.50GHz	3,664	951	61.07	\$60.00
Intel Core i3-4330T @ 3.00GHz	3,164	1077	NA	NA
Intel Core i3-4330TE @ 2.40GHz	2,562	1258	NA	NA
Intel Core i3-4340 @ 3.60GHz	3,733	934	21.96	\$169.99*
Intel Core i3-4350 @ 3.60GHz	3,604	966	21.20	\$169.99*
Intel Core i3-4350T @ 3.10GHz	3,317	1032	NA	NA
Intel Core i3-4360 @ 3.70GHz	3,685	942	40.95	\$89.99
Intel Core i3-4360T @ 3.20GHz	3,242	1049	NA	NA
Intel Core i3-4370 @ 3.80GHz	4,006	899	12.96	\$309.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4370T @ 3.30GHz	3,449	992	24.99	\$138.00*
Intel Core i3-4570T @ 2.90GHz	3,323	1028	NA	NA
Intel Core i3-5005U @ 2.00GHz	2,140	1430	NA	NA
Intel Core i3-5010U @ 2.10GHz	2,181	1408	4.79	\$454.99
Intel Core i3-5015U @ 2.10GHz	1,963	1511	NA	NA
Intel Core i3-5020U @ 2.20GHz	2,168	1413	4.72	\$459.00*
Intel Core i3-5157U @ 2.50GHz	2,511	1281	NA	NA
Intel Core i3-6006U @ 2.00GHz	2,335	1356	NA	NA
Intel Core i3-6098P @ 3.60GHz	4,126	882	30.85	\$133.74*
Intel Core i3-6100 @ 3.70GHz	4,299	852	36.13	\$118.99
Intel Core i3-6100E @ 2.70GHz	3,349	1020	NA	NA
Intel Core i3-6100H @ 2.70GHz	3,260	1048	NA	NA
Intel Core i3-6100T @ 3.20GHz	3,794	923	28.10	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	3,389	1006	NA	NA
Intel Core i3-6100U @ 2.30GHz	2,806	1180	5.40	\$519.99
Intel Core i3-6102E @ 1.90GHz	2,451	1303	10.90	\$225.00*
Intel Core i3-6157U @ 2.40GHz	2,883	1160	NA	NA
Intel Core i3-6300 @ 3.80GHz	4,590	811	15.30	\$299.99
Intel Core i3-6300T @ 3.30GHz	4,167	876	26.89	\$154.99*
Intel Core i3-6320 @ 3.90GHz	4,664	797	11.46	\$407.00*
Intel Core i3-7020U @ 2.30GHz	2,425	1320	8.63	\$281.00*
Intel Core i3-7100 @ 3.90GHz	4,259	858	34.48	\$123.51
Intel Core i3-7100H @ 3.00GHz	3,409	1003	15.15	\$225.00*
Intel Core i3-7100T @ 3.40GHz	4,109	885	36.46	\$112.69
Intel Core i3-7100U @ 2.40GHz	2,769	1192	8.29	\$334.01
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7101TE @ 3.40GHz	4,194	872	35.85	\$117.00*
Intel Core i3-7102E @ 2.10GHz	2,655	1229	11.80	\$225.00*
Intel Core i3-7130U @ 2.70GHz	3,175	1071	6.90	\$459.99*
Intel Core i3-7167U @ 2.80GHz	3,674	947	NA	NA
Intel Core i3-7300 @ 4.00GHz	5,167	742	32.29	\$159.99*
Intel Core i3-7300T @ 3.50GHz	4,367	842	24.05	\$181.59*
Intel Core i3-7320 @ 4.10GHz	5,252	732	28.74	\$182.72*
Intel Core i3-7350K @ 4.20GHz	5,380	711	33.63	\$159.99

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8100 @ 3.60GHz	6,380	591	53.62	\$118.99
Intel Core i3-8100B @ 3.60GHz	6,908	527	51.94	\$133.00*
Intel Core i3-8100T @ 3.10GHz	5,638	681	43.28	\$130.29
Intel Core i3-8109U @ 3.00GHz	4,635	802	6.93	\$669.00
Intel Core i3-8121U @ 2.20GHz	4,803	781	10.22	\$469.99
Intel Core i3-8130U @ 2.20GHz	3,624	958	12.90	\$281.00*
Intel Core i3-8145U @ 2.10GHz	4,093	888	14.57	\$281.00*
Intel Core i3-8300 @ 3.70GHz	7,066	509	51.75	\$136.55
Intel Core i3-8300T @ 3.20GHz	6,528	573	38.29	\$170.49*
Intel Core i3-8350K @ 4.00GHz	7,544	465	37.96	\$198.75
Intel Core i3-9100 @ 3.60GHz	6,934	521	51.17	\$135.50
Intel Core i3-9100F @ 3.60GHz	7,081	508	89.69	\$78.95
Intel Core i3-9100T @ 3.10GHz	6,250	608	51.23	\$122.00*
Intel Core i3-9300 @ 3.70GHz	8,142	408	53.57	\$152.00*
Intel Core i3-9300T @ 3.20GHz	7,133	501	49.88	\$143.00*
Intel Core i3-9320 @ 3.70GHz	8,244	396	50.89	\$162.00*
Intel Core i3-9350KF @ 4.00GHz	8,584	370	50.16	\$171.13
Intel Core i3-10110U @ 2.10GHz	4,316	851	NA	NA
Intel Core i3-21050 @ 3.10GHz	2,341	1354	NA	NA
Intel Core i5 750S @ 2.40GHz	1,326	1837	13.26	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	1,616	1688	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	2,954	1139	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	2,930	1147	NA	NA
Intel Core i5-430M @ 2.27GHz	1,258	1881	8.99	\$139.95*
Intel Core i5-430UM @ 1.20GHz	835	2227	NA	NA
Intel Core i5-450M @ 2.40GHz	1,356	1822	42.43	\$31.95*
Intel Core i5-460M @ 2.53GHz	1,300	1855	17.34	\$74.95*
Intel Core i5-470UM @ 1.33GHz	724	2307	NA	NA
Intel Core i5-480M @ 2.67GHz	1,489	1758	18.47	\$80.60*
Intel Core i5-520M @ 2.40GHz	1,748	1627	29.14	\$59.99*
Intel Core i5-520UM @ 1.07GHz	880	2190	NA	NA
Intel Core i5-540M @ 2.53GHz	1,503	1754	22.10	\$68.00*
Intel Core i5-540UM @ 1.20GHz	898	2179	NA	NA
Intel Core i5-560M @ 2.67GHz	1,926	1535	38.52	\$50.00

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-560UM @ 1.33GHz	1,013	2082	NA	NA
Intel Core i5-580M @ 2.67GHz	1,959	1516	17.82	\$109.95*
Intel Core i5-650 @ 3.20GHz	2,103	1441	175.37	\$11.99
Intel Core i5-655K @ 3.20GHz	2,013	1487	33.56	\$59.99*
Intel Core i5-660 @ 3.33GHz	2,378	1338	67.00	\$35.50*
Intel Core i5-661 @ 3.33GHz	2,051	1466	8.92	\$229.99*
Intel Core i5-670 @ 3.47GHz	2,083	1449	7.47	\$279.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-680 @ 3.60GHz	2,220	1397	24.67	\$89.99*
Intel Core i5-750 @ 2.67GHz	2,358	1349	187.16	\$12.60*
Intel Core i5-760 @ 2.80GHz	2,340	1355	23.41	\$99.99*
Intel Core i5-760S @ 2.53GHz	5,440	702	NA	NA
Intel Core i5-1035G1 @ 1.00GHz	7,781	446	26.20	\$297.00*
Intel Core i5-1035G4 @ 1.10GHz	9,344	331	30.24	\$309.00*
Intel Core i5-1035G7 @ 1.20GHz	9,028	348	28.21	\$320.00*
Intel Core i5-2300 @ 2.80GHz	3,413	1001	69.66	\$49.00
Intel Core i5-2310 @ 2.90GHz	3,644	955	25.79	\$141.29*
Intel Core i5-2320 @ 3.00GHz	3,647	953	43.93	\$83.00
Intel Core i5-2380P @ 3.10GHz	3,662	952	8.50	\$430.59*
Intel Core i5-2390T @ 2.70GHz	2,428	1317	24.30	\$99.90*
Intel Core i5-2400 @ 3.10GHz	3,903	910	84.84	\$46.00
Intel Core i5-2400S @ 2.50GHz	3,307	1034	19.23	\$172.00
Intel Core i5-2405S @ 2.50GHz	3,180	1069	15.29	\$208.00*
Intel Core i5-2410M @ 2.30GHz	2,013	1489	29.57	\$68.07
Intel Core i5-2415M @ 2.30GHz	2,009	1490	NA	NA
Intel Core i5-2430M @ 2.40GHz	1,894	1552	18.94	\$99.99
Intel Core i5-2435M @ 2.40GHz	1,945	1527	NA	NA
Intel Core i5-2450M @ 2.50GHz	2,017	1486	44.92	\$44.91
Intel Core i5-2450P @ 3.20GHz	3,816	918	42.40	\$89.99*
Intel Core i5-2467M @ 1.60GHz	1,409	1796	NA	NA
Intel Core i5-2500 @ 3.30GHz	4,221	868	93.81	\$45.00
Intel Core i5-2500K @ 3.30GHz	4,031	895	9.28	\$434.26*
Intel Core i5-2500S @ 2.70GHz	3,436	997	62.20	\$55.24*
Intel Core i5-2500T @ 2.30GHz	2,860	1162	31.78	\$89.99*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2510E @ 2.50GHz	1,879	1560	NA	NA
Intel Core i5-2515E @ 2.50GHz	2,008	1491	NA	NA
Intel Core i5-2520M @ 2.50GHz	2,312	1364	44.37	\$52.10*
Intel Core i5-2537M @ 1.40GHz	1,168	1947	NA	NA
Intel Core i5-2540M @ 2.60GHz	2,263	1383	47.12	\$48.02
Intel Core i5-2550K @ 3.40GHz	4,049	893	57.89	\$69.95*
Intel Core i5-2557M @ 1.70GHz	1,249	1888	NA	NA
Intel Core i5-2560M @ 2.70GHz	2,274	1376	NA	NA
Intel Core i5-3170K @ 3.20GHz	8,882	356	NA	NA
Intel Core i5-3210M @ 2.50GHz	2,519	1275	39.34	\$64.04*
Intel Core i5-3230M @ 2.60GHz	2,617	1246	12.04	\$217.42*
Intel Core i5-3317U @ 1.70GHz	2,094	1443	9.31	\$225.00*
Intel Core i5-3320M @ 2.60GHz	2,760	1196	39.54	\$69.81*
Intel Core i5-3330 @ 3.00GHz	4,231	864	21.17	\$199.88*
Intel Core i5-3330S @ 2.70GHz	3,723	937	41.36	\$90.00*
Intel Core i5-3335S @ 2.70GHz	3,893	911	NA	NA
Intel Core i5-3337U @ 1.80GHz	2,291	1370	10.18	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	1,436	1786	NA	NA
Intel Core i5-3340 @ 3.10GHz	4,326	850	25.15	\$172.02
Intel Core i5-3340M @ 2.70GHz	2,750	1199	39.31	\$69.95
Intel Core i5-3340S @ 2.80GHz	4,019	897	26.80	\$149.99*
Intel Core i5-3350P @ 3.10GHz	4,295	853	28.64	\$149.99*
Intel Core i5-3360M @ 2.80GHz	3,006	1125	32.39	\$92.81*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3380M @ 2.90GHz	3,085	1102	NA	NA
Intel Core i5-3427U @ 1.80GHz	2,370	1344	5.64	\$420.05*
Intel Core i5-3437U @ 1.90GHz	2,486	1288	NA	NA
Intel Core i5-3439Y @ 1.50GHz	1,912	1540	NA	NA
Intel Core i5-3450 @ 3.10GHz	4,512	826	20.86	\$216.34*
Intel Core i5-3450S @ 2.80GHz	4,145	878	28.01	\$147.99*
Intel Core i5-3470 @ 3.20GHz	4,705	790	79.91	\$58.88
Intel Core i5-3470S @ 2.90GHz	3,571	970	51.76	\$69.00
Intel Core i5-3470T @ 2.90GHz	3,057	1110	9.89	\$308.95*
Intel Core i5-3475S @ 2.90GHz	4,387	837	30.57	\$143.50*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3550 @ 3.30GHz	4,833	777	15.59	\$309.99*
Intel Core i5-3550S @ 3.00GHz	4,623	805	15.28	\$302.45*
Intel Core i5-3570 @ 3.40GHz	4,940	766	96.06	\$51.43
Intel Core i5-3570K @ 3.40GHz	4,959	765	15.75	\$314.88
Intel Core i5-3570S @ 3.10GHz	4,745	784	77.81	\$60.99*
Intel Core i5-3570T @ 2.30GHz	4,142	879	NA	NA
Intel Core i5-3610ME @ 2.70GHz	2,720	1210	NA	NA
Intel Core i5-4200H @ 2.80GHz	3,213	1056	NA	NA
Intel Core i5-4200M @ 2.50GHz	2,594	1247	29.16	\$88.95*
Intel Core i5-4200U @ 1.60GHz	2,343	1353	NA	NA
Intel Core i5-4200Y @ 1.40GHz	1,597	1698	NA	NA
Intel Core i5-4202Y @ 1.60GHz	1,452	1776	NA	NA
Intel Core i5-4210H @ 2.90GHz	2,914	1151	NA	NA
Intel Core i5-4210M @ 2.60GHz	3,105	1094	10.02	\$309.95*
Intel Core i5-4210U @ 1.70GHz	2,379	1336	NA	NA
Intel Core i5-4210Y @ 1.50GHz	1,660	1662	NA	NA
Intel Core i5-4220Y @ 1.60GHz	1,435	1788	NA	NA
Intel Core i5-4230U @ 1.90GHz	1,900	1546	NA	NA
Intel Core i5-4250U @ 1.30GHz	2,353	1351	6.74	\$349.00*
Intel Core i5-4258U @ 2.40GHz	2,743	1202	NA	NA
Intel Core i5-4260U @ 1.40GHz	2,508	1284	NA	NA
Intel Core i5-4278U @ 2.60GHz	3,102	1095	NA	NA
Intel Core i5-4288U @ 2.60GHz	2,786	1187	NA	NA
Intel Core i5-4300M @ 2.60GHz	2,931	1146	NA	NA
Intel Core i5-4300U @ 1.90GHz	2,622	1239	NA	NA
Intel Core i5-4300Y @ 1.60GHz	1,605	1695	NA	NA
Intel Core i5-4302Y @ 1.60GHz	1,863	1571	NA	NA
Intel Core i5-4308U @ 2.80GHz	2,687	1221	NA	NA
Intel Core i5-4310M @ 2.70GHz	3,375	1009	NA	NA
Intel Core i5-4310U @ 2.00GHz	2,135	1433	NA	NA
Intel Core i5-4330M @ 2.80GHz	3,209	1060	11.67	\$274.99*
Intel Core i5-4340M @ 2.90GHz	3,370	1013	NA	NA
Intel Core i5-4350U @ 1.40GHz	2,364	1348	NA	NA
Intel Core i5-4400E @ 2.70GHz	3,331	1024	12.52	\$266.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4402E @ 1.60GHz	2,747	1201	NA	NA
Intel Core i5-4422E @ 1.80GHz	1,954	1519	7.34	\$266.00*
Intel Core i5-4430 @ 3.00GHz	4,723	787	31.49	\$149.99
Intel Core i5-4430S @ 2.70GHz	4,220	869	26.38	\$159.99*
Intel Core i5-4440 @ 3.10GHz	4,786	783	9.63	\$497.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4440S @ 2.80GHz	4,596	809	9.93	\$462.97*
Intel Core i5-4460 @ 3.20GHz	4,919	768	67.39	\$72.99
Intel Core i5-4460S @ 2.90GHz	4,554	816	6.90	\$659.99*
Intel Core i5-4460T @ 1.90GHz	3,624	957	NA	NA
Intel Core i5-4570 @ 3.20GHz	5,358	715	107.27	\$49.95
Intel Core i5-4570R @ 2.70GHz	4,794	782	NA	NA
Intel Core i5-4570S @ 2.90GHz	5,123	748	12.50	\$409.95*
Intel Core i5-4570T @ 2.90GHz	3,264	1047	16.32	\$199.95*
Intel Core i5-4570TE @ 2.70GHz	3,236	1050	16.18	\$199.99*
Intel Core i5-4590 @ 3.30GHz	5,476	696	86.44	\$63.35
Intel Core i5-4590S @ 3.00GHz	5,235	733	16.46	\$318.06
Intel Core i5-4590T @ 2.00GHz	4,179	875	19.90	\$209.95*
Intel Core i5-4670 @ 3.40GHz	5,558	686	56.14	\$99.00
Intel Core i5-4670K @ 3.40GHz	5,693	675	14.23	\$399.95
Intel Core i5-4670K CPT @ 3.40GHz	5,158	744	NA	NA
Intel Core i5-4670R @ 3.00GHz	5,347	721	19.37	\$276.00*
Intel Core i5-4670S @ 3.10GHz	5,355	717	25.14	\$213.00*
Intel Core i5-4670T @ 2.30GHz	4,367	841	16.86	\$259.02*
Intel Core i5-4690 @ 3.50GHz	5,647	679	57.07	\$98.95
Intel Core i5-4690K @ 3.50GHz	5,614	683	37.68	\$149.00
Intel Core i5-4690S @ 3.20GHz	5,426	703	15.11	\$359.21*
Intel Core i5-4690T @ 2.50GHz	4,634	803	NA	NA
Intel Core i5-5200U @ 2.20GHz	2,554	1262	9.09	\$281.00*
Intel Core i5-5250U @ 1.60GHz	2,159	1416	4.89	\$441.89*
Intel Core i5-5257U @ 2.70GHz	3,211	1058	NA	NA
Intel Core i5-5287U @ 2.90GHz	3,210	1059	NA	NA
Intel Core i5-5300U @ 2.30GHz	2,841	1169	5.23	\$543.39*
Intel Core i5-5350U @ 1.80GHz	2,576	1252	NA	NA

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Intel Core i5-5575R @ 2.80GHz	7,744	448	NA	NA
Intel Core i5-5675C @ 3.10GHz	8,461	379	27.30	\$309.95*
Intel Core i5-5675R @ 3.10GHz	8,276	392	NA	NA
Intel Core i5-6198DU @ 2.30GHz	3,144	1082	NA	NA
Intel Core i5-6200U @ 2.30GHz	2,991	1128	NA	NA
Intel Core i5-6260U @ 1.80GHz	3,283	1041	9.54	\$344.00
Intel Core i5-6267U @ 2.90GHz	2,827	1173	NA	NA
Intel Core i5-6287U @ 3.10GHz	3,535	976	11.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	4,408	836	NA	NA
Intel Core i5-6300U @ 2.40GHz	3,356	1017	NA	NA
Intel Core i5-6360U @ 2.00GHz	3,432	998	NA	NA
Intel Core i5-6400 @ 2.70GHz	5,412	706	43.29	\$125.00*
Intel Core i5-6400T @ 2.20GHz	4,430	834	17.04	\$259.95*
Intel Core i5-6402P @ 2.80GHz	5,790	660	30.48	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5,424	704	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	5,294	728	NA	NA
Intel Core i5-6442EQ @ 1.90GHz	4,566	815	18.27	\$250.00*
Intel Core i5-6500 @ 3.20GHz	5,721	670	33.66	\$170.00
Intel Core i5-6500T @ 2.50GHz	5,038	757	18.66	\$269.95*
Intel Core i5-6500TE @ 2.30GHz	5,209	736	26.05	\$199.99
Intel Core i5-6600 @ 3.30GHz	6,225	612	23.75	\$262.13*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6600K @ 3.50GHz	6,533	572	22.53	\$289.95
Intel Core i5-6600T @ 2.70GHz	5,764	665	19.22	\$299.95*
Intel Core i5-7200U @ 2.50GHz	3,458	990	6.65	\$520.00
Intel Core i5-7260U @ 2.20GHz	4,335	847	7.91	\$548.00
Intel Core i5-7267U @ 3.10GHz	3,880	913	NA	NA
Intel Core i5-7287U @ 3.30GHz	4,368	840	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	5,189	739	NA	NA
Intel Core i5-7300U @ 2.60GHz	3,776	925	7.63	\$494.57*
Intel Core i5-7360U @ 2.30GHz	4,506	828	NA	NA
Intel Core i5-7400 @ 3.00GHz	5,718	671	26.03	\$219.65
Intel Core i5-7400T @ 2.40GHz	5,097	750	9.71	\$525.00*
Intel Core i5-7440HQ @ 2.80GHz	6,190	616	NA	NA

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Intel Core i5-7442EQ @ 2.10GHz	5,090	751	20.36	\$250.00*
Intel Core i5-7500 @ 3.40GHz	6,366	594	33.68	\$189.00
Intel Core i5-7500T @ 2.70GHz	5,631	682	25.60	\$220.00*
Intel Core i5-7600 @ 3.50GHz	6,708	547	17.85	\$375.89*
Intel Core i5-7600K @ 3.80GHz	6,640	556	26.68	\$248.88
Intel Core i5-7600T @ 2.80GHz	6,556	570	23.37	\$280.55*
Intel Core i5-7640X @ 4.00GHz	7,758	447	27.81	\$279.00
Intel Core i5-8200Y @ 1.30GHz	3,328	1026	11.44	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	3,264	1046	NA	NA
Intel Core i5-8250U @ 1.60GHz	6,434	584	NA	NA
Intel Core i5-8257U @ 1.40GHz	8,315	389	25.98	\$320.00*
Intel Core i5-8259U @ 2.30GHz	8,532	372	10.69	\$798.00
Intel Core i5-8265U @ 1.60GHz	6,648	554	22.38	\$297.00*
Intel Core i5-8265UC @ 1.60GHz	6,011	639	NA	NA
Intel Core i5-8279U @ 2.40GHz	8,185	403	25.58	\$320.00*
Intel Core i5-8300H @ 2.30GHz	7,423	477	29.69	\$250.00*
Intel Core i5-8305G @ 2.80GHz	7,315	486	NA	NA
Intel Core i5-8350U @ 1.70GHz	6,878	528	23.16	\$297.00*
Intel Core i5-8365U @ 1.60GHz	7,137	500	8.92	\$799.99*
Intel Core i5-8365UE @ 1.60GHz	6,186	617	20.83	\$297.00*
Intel Core i5-8400 @ 2.80GHz	9,253	334	48.70	\$189.99
Intel Core i5-8400H @ 2.50GHz	8,951	354	35.81	\$250.00*
Intel Core i5-8400T @ 1.70GHz	7,802	442	41.28	\$189.00*
Intel Core i5-8500 @ 3.00GHz	9,662	310	33.00	\$292.82
Intel Core i5-8500B @ 3.00GHz	10,368	282	54.00	\$192.00*
Intel Core i5-8500T @ 2.10GHz	8,249	395	35.20	\$234.36*
Intel Core i5-8600 @ 3.10GHz	9,968	301	30.62	\$325.48
Intel Core i5-8600K @ 3.60GHz	10,350	284	40.59	\$254.98
Intel Core i5-8600T @ 2.30GHz	9,090	344	24.77	\$366.99*
Intel Core i5-9300H @ 2.40GHz	8,116	410	32.47	\$250.00*
Intel Core i5-9400 @ 2.90GHz	9,383	329	49.39	\$189.99
Intel Core i5-9400F @ 2.90GHz	9,638	313	80.32	\$119.99
Intel Core i5-9400H @ 2.50GHz	8,447	380	33.79	\$250.00*
Intel Core i5-9400T @ 1.80GHz	7,840	437	43.08	\$182.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-9500 @ 3.00GHz	9,417	328	31.39	\$299.98
Intel Core i5-9500F @ 3.00GHz	10,649	270	52.72	\$202.00*
Intel Core i5-9500T @ 2.20GHz	8,857	358	46.13	\$192.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-9600 @ 3.10GHz	11,163	242	33.54	\$332.81*
Intel Core i5-9600K @ 3.70GHz	11,302	240	50.24	\$224.99
Intel Core i5-9600KF @ 3.70GHz	10,912	253	51.96	\$209.99
Intel Core i5-9600T @ 2.30GHz	9,514	319	44.67	\$213.00*
Intel Core i5-10210U @ 1.60GHz	6,924	525	9.39	\$737.10*
Intel Core i5-10210Y @ 1.00GHz	5,355	718	NA	NA
Intel Core i5-10300H @ 2.50GHz	9,501	321	NA	NA
Intel Core i5-24050S @ 2.50GHz	2,987	1130	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	2,798	1184	NA	NA
Intel Core i7-610E @ 2.53GHz	1,814	1597	NA	NA
Intel Core i7-620LM @ 2.00GHz	1,077	2023	NA	NA
Intel Core i7-620M @ 2.67GHz	1,710	1637	15.54	\$110.01*
Intel Core i7-620UM @ 1.07GHz	962	2128	NA	NA
Intel Core i7-640LM @ 2.13GHz	1,580	1709	NA	NA
Intel Core i7-640M @ 2.80GHz	2,026	1479	10.84	\$186.79
Intel Core i7-640UM @ 1.20GHz	964	2126	NA	NA
Intel Core i7-660UM @ 1.33GHz	1,089	2015	NA	NA
Intel Core i7-680UM @ 1.47GHz	1,044	2053	NA	NA
Intel Core i7-720QM @ 1.60GHz	1,758	1619	34.47	\$50.99*
Intel Core i7-740QM @ 1.73GHz	1,792	1608	11.20	\$159.95*
Intel Core i7-820QM @ 1.73GHz	1,871	1565	7.80	\$239.95*
Intel Core i7-840QM @ 1.87GHz	2,038	1474	7.03	\$289.97*
Intel Core i7-860 @ 2.80GHz	2,947	1140	65.66	\$44.88*
Intel Core i7-860S @ 2.53GHz	2,724	1207	13.62	\$199.99*
Intel Core i7-870 @ 2.93GHz	3,192	1067	39.90	\$79.99
Intel Core i7-870S @ 2.67GHz	2,784	1190	NA	NA
Intel Core i7-875K @ 2.93GHz	3,136	1084	8.25	\$379.99*
Intel Core i7-880 @ 3.07GHz	3,230	1053	5.54	\$583.00*
Intel Core i7-920 @ 2.67GHz	2,755	1197	88.88	\$31.00
Intel Core i7-920XM @ 2.00GHz	2,139	1431	6.18	\$345.99*

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Intel Core i7-930 @ 2.80GHz	2,984	1132	30.30	\$98.50*
Intel Core i7-940 @ 2.93GHz	3,074	1104	29.56	\$103.99*
Intel Core i7-940XM @ 2.13GHz	2,157	1421	NA	NA
Intel Core i7-950 @ 3.07GHz	3,127	1085	63.81	\$49.00
Intel Core i7-960 @ 3.20GHz	3,098	1096	11.54	\$268.51
Intel Core i7-965 @ 3.20GHz	3,440	994	24.57	\$139.99*
Intel Core i7-970 @ 3.20GHz	7,849	436	15.70	\$499.95*
Intel Core i7-975 @ 3.33GHz	3,600	967	45.02	\$79.95*
Intel Core i7-980 @ 3.33GHz	7,886	432	39.43	\$199.98*
Intel Core i7-980X @ 3.33GHz	7,444	474	6.77	\$1,099.95
Intel Core i7-985 @ 3.47GHz	4,079	890	NA	NA
Intel Core i7-990X @ 3.47GHz	8,491	377	31.80	\$267.00
Intel Core i7-995X @ 3.60GHz	8,774	363	NA	NA
Intel Core i7-1065G7 @ 1.30GHz	9,005	349	NA	NA
Intel Core i7-2600 @ 3.40GHz	5,377	712	53.78	\$99.98
Intel Core i7-2600K @ 3.40GHz	5,441	701	41.85	\$130.00
Intel Core i7-2600S @ 2.80GHz	4,570	814	48.04	\$95.12
Intel Core i7-2610UE @ 1.50GHz	1,504	1752	NA	NA
Intel Core i7-2617M @ 1.50GHz	1,800	1605	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2620M @ 2.70GHz	2,397	1331	14.12	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	3,462	988	33.68	\$102.81*
Intel Core i7-2630UM @ 1.60GHz	427	2560	NA	NA
Intel Core i7-2635QM @ 2.00GHz	3,060	1109	NA	NA
Intel Core i7-2637M @ 1.70GHz	1,804	1603	NA	NA
Intel Core i7-2640M @ 2.80GHz	2,618	1245	20.94	\$125.05
Intel Core i7-2655LE @ 2.20GHz	2,057	1461	NA	NA
Intel Core i7-2670QM @ 2.20GHz	3,977	903	30.83	\$129.00*
Intel Core i7-2675QM @ 2.20GHz	3,212	1057	NA	NA
Intel Core i7-2677M @ 1.80GHz	1,764	1615	NA	NA
Intel Core i7-2700K @ 3.50GHz	5,309	726	21.54	\$246.50*
Intel Core i7-2710QE @ 2.10GHz	3,953	904	NA	NA
Intel Core i7-2715QE @ 2.10GHz	3,438	995	NA	NA
Intel Core i7-2720QM @ 2.20GHz	4,230	865	22.27	\$189.95*

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Intel Core i7-2760QM @ 2.40GHz	4,112	884	19.59	\$209.95*
Intel Core i7-2820QM @ 2.30GHz	4,472	831	26.15	\$171.02*
Intel Core i7-2840QM @ 2.40GHz	4,100	886	NA	NA
Intel Core i7-2860QM @ 2.50GHz	4,657	800	8.61	\$541.00*
Intel Core i7-2920XM @ 2.50GHz	4,257	859	9.67	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	4,572	813	11.15	\$409.95*
Intel Core i7-3517U @ 1.90GHz	2,285	1372	NA	NA
Intel Core i7-3517UE @ 1.70GHz	2,220	1396	NA	NA
Intel Core i7-3520M @ 2.90GHz	3,051	1113	23.11	\$132.02*
Intel Core i7-3537U @ 2.00GHz	2,652	1230	NA	NA
Intel Core i7-3540M @ 3.00GHz	3,036	1117	7.06	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	1,950	1524	NA	NA
Intel Core i7-3610QE @ 2.30GHz	4,905	769	NA	NA
Intel Core i7-3610QM @ 2.30GHz	5,469	697	13.67	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	4,857	772	NA	NA
Intel Core i7-3612QM @ 2.10GHz	4,485	829	NA	NA
Intel Core i7-3615QE @ 2.30GHz	5,265	730	NA	NA
Intel Core i7-3615QM @ 2.30GHz	4,382	838	NA	NA
Intel Core i7-3630QM @ 2.40GHz	5,413	705	22.65	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	4,543	820	21.64	\$209.95
Intel Core i7-3635QM @ 2.40GHz	4,852	774	NA	NA
Intel Core i7-3667U @ 2.00GHz	2,698	1215	NA	NA
Intel Core i7-3687U @ 2.10GHz	2,740	1204	NA	NA
Intel Core i7-3689Y @ 1.50GHz	1,703	1641	NA	NA
Intel Core i7-3720QM @ 2.60GHz	5,806	658	16.00	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	5,824	657	24.27	\$239.95*
Intel Core i7-3770 @ 3.40GHz	6,477	577	81.09	\$79.88
Intel Core i7-3770K @ 3.50GHz	6,462	580	32.31	\$199.99
Intel Core i7-3770S @ 3.10GHz	6,376	592	50.96	\$125.13
Intel Core i7-3770T @ 2.50GHz	5,357	716	16.23	\$329.99*
Intel Core i7-3820 @ 3.60GHz	6,139	622	94.45	\$64.99
Intel Core i7-3820QM @ 2.70GHz	5,840	653	20.49	\$285.00*
Intel Core i7-3840QM @ 2.80GHz	6,279	605	18.74	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	5,783	662	5.28	\$1,096.00*

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Intel Core i7-3930K @ 3.20GHz	8,077	418	16.32	\$494.85
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3940XM @ 3.00GHz	5,845	652	9.58	\$609.95*
Intel Core i7-3960X @ 3.30GHz	8,811	361	10.88	\$809.99*
Intel Core i7-3970X @ 3.50GHz	8,856	359	38.51	\$229.99
Intel Core i7-4500U @ 1.80GHz	2,464	1298	NA	NA
Intel Core i7-4510U @ 2.00GHz	2,785	1189	NA	NA
Intel Core i7-4550U @ 1.50GHz	2,185	1406	NA	NA
Intel Core i7-4558U @ 2.80GHz	3,096	1097	NA	NA
Intel Core i7-4560U @ 1.60GHz	3,025	1120	NA	NA
Intel Core i7-4578U @ 3.00GHz	3,341	1023	NA	NA
Intel Core i7-4600M @ 2.90GHz	3,621	960	NA	NA
Intel Core i7-4600U @ 2.10GHz	2,643	1235	NA	NA
Intel Core i7-4610M @ 3.00GHz	3,465	987	NA	NA
Intel Core i7-4610Y @ 1.70GHz	2,508	1283	NA	NA
Intel Core i7-4650U @ 1.70GHz	2,516	1276	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	5,062	754	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	5,367	714	14.01	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	5,410	707	28.63	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	5,465	698	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	5,487	692	25.12	\$218.45*
Intel Core i7-4710HQ @ 2.50GHz	5,369	713	14.20	\$378.00*
Intel Core i7-4710MQ @ 2.50GHz	5,711	672	21.03	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	5,354	719	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	5,508	690	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	6,065	635	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	5,758	667	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	5,860	650	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	6,330	600	NA	NA
Intel Core i7-4765T @ 2.00GHz	5,141	747	12.85	\$399.99*
Intel Core i7-4770 @ 3.40GHz	7,123	504	41.19	\$172.92
Intel Core i7-4770HQ @ 2.20GHz	6,346	597	NA	NA
Intel Core i7-4770K @ 3.50GHz	7,166	498	21.33	\$335.98
Intel Core i7-4770R @ 3.20GHz	6,587	564	NA	NA

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Intel Core i7-4770S @ 3.10GHz	6,726	545	40.04	\$167.99*
Intel Core i7-4770T @ 2.50GHz	5,987	644	14.97	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	3,350	1019	NA	NA
Intel Core i7-4771 @ 3.50GHz	6,614	560	40.36	\$163.88
Intel Core i7-4785T @ 2.20GHz	5,535	687	NA	NA
Intel Core i7-4790 @ 3.60GHz	7,284	487	40.47	\$179.99
Intel Core i7-4790K @ 4.00GHz	8,271	394	29.54	\$280.00
Intel Core i7-4790S @ 3.20GHz	6,800	537	26.25	\$259.00*
Intel Core i7-4790T @ 2.70GHz	6,337	599	17.60	\$359.99*
Intel Core i7-4800MQ @ 2.70GHz	5,839	654	28.62	\$204.00*
Intel Core i7-4810MQ @ 2.80GHz	5,782	663	30.44	\$189.95*
Intel Core i7-4820K @ 3.70GHz	7,085	507	32.20	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	6,026	637	13.88	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	5,329	724	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	6,224	613	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	6,128	626	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	6,786	538	11.57	\$586.67*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4910MQ @ 2.90GHz	6,572	567	14.29	\$459.95*
Intel Core i7-4930K @ 3.40GHz	9,613	315	12.02	\$799.97*
Intel Core i7-4930MX @ 3.00GHz	6,590	563	6.01	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	6,762	540	9.66	\$699.95*
Intel Core i7-4960HQ @ 2.60GHz	6,669	551	10.70	\$623.00*
Intel Core i7-4960X @ 3.60GHz	9,617	314	12.49	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	6,979	515	NA	NA
Intel Core i7-5500U @ 2.40GHz	2,714	1212	NA	NA
Intel Core i7-5550U @ 2.00GHz	2,548	1265	NA	NA
Intel Core i7-5557U @ 3.10GHz	3,374	1010	4.75	\$709.99
Intel Core i7-5600U @ 2.60GHz	3,033	1119	NA	NA
Intel Core i7-5650U @ 2.20GHz	2,988	1129	NA	NA
Intel Core i7-5675C @ 3.10GHz	8,496	376	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8,240	398	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	6,931	522	NA	NA
Intel Core i7-5775C @ 3.30GHz	9,436	327	13.75	\$686.32*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5775R @ 3.30GHz	10,910	254	NA	NA
Intel Core i7-5820K @ 3.30GHz	9,488	322	42.17	\$225.00
Intel Core i7-5850EQ @ 2.70GHz	9,817	306	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9,581	317	22.07	\$434.00*
Intel Core i7-5930K @ 3.50GHz	10,583	275	39.20	\$269.99*
Intel Core i7-5950HQ @ 2.90GHz	10,783	258	NA	NA
Intel Core i7-5960X @ 3.00GHz	12,306	210	12.94	\$951.31*
Intel Core i7-6498DU @ 2.50GHz	3,446	993	NA	NA
Intel Core i7-6500U @ 2.50GHz	3,319	1029	8.45	\$393.00*
Intel Core i7-6560U @ 2.20GHz	3,540	973	NA	NA
Intel Core i7-6567U @ 3.30GHz	4,164	877	NA	NA
Intel Core i7-6600U @ 2.60GHz	3,806	921	NA	NA
Intel Core i7-6650U @ 2.20GHz	3,855	914	NA	NA
Intel Core i7-6700 @ 3.40GHz	8,159	405	30.22	\$269.99
Intel Core i7-6700HQ @ 2.60GHz	6,666	552	17.63	\$378.00*
Intel Core i7-6700K @ 4.00GHz	9,207	337	31.75	\$290.00*
Intel Core i7-6700T @ 2.80GHz	7,389	481	28.98	\$254.99
Intel Core i7-6700TE @ 2.40GHz	6,669	550	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	7,686	450	5.67	\$1,354.99*
Intel Core i7-6800K @ 3.40GHz	10,749	261	35.95	\$299.00
Intel Core i7-6820EQ @ 2.80GHz	6,817	533	NA	NA
Intel Core i7-6820HK @ 2.70GHz	7,558	464	19.99	\$378.00*
Intel Core i7-6820HQ @ 2.70GHz	6,845	531	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	5,296	727	NA	NA
Intel Core i7-6850K @ 3.60GHz	11,522	236	30.88	\$373.09
Intel Core i7-6900K @ 3.20GHz	13,418	178	18.77	\$715.00
Intel Core i7-6920HQ @ 2.90GHz	7,634	454	13.44	\$568.00*
Intel Core i7-6950X @ 3.00GHz	17,386	103	12.88	\$1,349.99
Intel Core i7-7500U @ 2.70GHz	3,534	977	NA	NA
Intel Core i7-7560U @ 2.40GHz	4,476	830	NA	NA
Intel Core i7-7567U @ 3.50GHz	5,008	759	5.36	\$934.99
Intel Core i7-7600U @ 2.80GHz	3,932	905	NA	NA
Intel Core i7-7660U @ 2.50GHz	4,553	817	NA	NA
CPU Name	Passmark CPU Mark	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

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Intel Core i7-7700 @ 3.60GHz	8,799	362	25.88	\$339.98
Intel Core i7-7700HQ @ 2.80GHz	6,974	516	18.45	\$378.00*
Intel Core i7-7700K @ 4.20GHz	9,935	303	25.20	\$394.28
Intel Core i7-7700T @ 2.90GHz	8,075	419	20.97	\$385.00*
Intel Core i7-7740X @ 4.30GHz	9,564	318	19.17	\$499.00
Intel Core i7-7800X @ 3.50GHz	13,475	176	26.47	\$508.99*
Intel Core i7-7820EQ @ 3.00GHz	7,432	475	19.66	\$378.00*
Intel Core i7-7820HK @ 2.90GHz	8,028	425	21.24	\$378.00*
Intel Core i7-7820HQ @ 2.90GHz	7,587	460	20.07	\$378.00*
Intel Core i7-7820X @ 3.60GHz	17,768	101	18.82	\$944.00*
Intel Core i7-7900X @ 3.30GHz	18,742	85	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	8,151	407	14.35	\$568.00*
Intel Core i7-8086K @ 4.00GHz	14,401	155	26.04	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3,067	1107	7.80	\$393.00*
Intel Core i7-8550U @ 1.80GHz	6,129	625	NA	NA
Intel Core i7-8557U @ 1.70GHz	8,085	416	18.76	\$431.00*
Intel Core i7-8559U @ 2.70GHz	9,452	326	10.50	\$899.99
Intel Core i7-8565U @ 1.80GHz	6,762	541	NA	NA
Intel Core i7-8650U @ 1.90GHz	6,717	546	16.38	\$409.99*
Intel Core i7-8665U @ 1.90GHz	7,046	510	17.23	\$409.00*
Intel Core i7-8665UE @ 1.70GHz	6,742	544	16.49	\$409.00*
Intel Core i7-8700 @ 3.20GHz	13,547	175	34.91	\$388.00
Intel Core i7-8700B @ 3.20GHz	12,130	214	40.03	\$303.00*
Intel Core i7-8700K @ 3.70GHz	14,107	163	33.41	\$422.25
Intel Core i7-8700T @ 2.40GHz	10,299	286	22.94	\$449.00
Intel Core i7-8705G @ 3.10GHz	8,105	412	5.75	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	8,566	371	NA	NA
Intel Core i7-8709G @ 3.10GHz	7,949	428	NA	NA
Intel Core i7-8750H @ 2.20GHz	10,402	279	26.33	\$395.00*
Intel Core i7-8809G @ 3.10GHz	9,047	347	NA	NA
Intel Core i7-8850H @ 2.60GHz	10,291	287	26.05	\$395.00*
Intel Core i7-9700 @ 3.00GHz	14,552	151	35.97	\$404.59
Intel Core i7-9700F @ 3.00GHz	14,199	160	43.03	\$329.99
Intel Core i7-9700K @ 3.60GHz	14,792	145	38.42	\$384.99

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Intel Core i7-9700KF @ 3.60GHz	15,352	134	42.65	\$359.99*
Intel Core i7-9700T @ 2.00GHz	10,898	255	33.74	\$323.00*
Intel Core i7-9700TE @ 1.80GHz	10,312	285	31.93	\$323.00*
Intel Core i7-9750H @ 2.60GHz	11,609	234	29.39	\$395.00*
Intel Core i7-9750HF @ 2.60GHz	12,899	192	32.66	\$395.00*
Intel Core i7-9800X @ 3.80GHz	18,236	91	29.45	\$619.24*
Intel Core i7-9850H @ 2.60GHz	11,903	220	30.13	\$395.00*
Intel Core i7-9850HL @ 1.90GHz	9,217	335	23.33	\$395.00*
Intel Core i7-10510U @ 1.80GHz	7,864	435	19.23	\$409.00*
Intel Core i7-10710U @ 1.10GHz	10,621	273	17.41	\$609.96
Intel Core i7-10750H @ 2.60GHz	16,137	114	NA	NA
Intel Core i9-7900X @ 3.30GHz	21,655	66	18.83	\$1,149.99*
Intel Core i9-7920X @ 2.90GHz	23,383	47	24.62	\$949.75
Intel Core i9-7940X @ 3.10GHz	26,370	31	26.16	\$1,008.00*
Intel Core i9-7960X @ 2.80GHz	23,873	43	17.68	\$1,349.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-7980XE @ 2.60GHz	28,042	23	17.87	\$1,569.00*
Intel Core i9-8950HK @ 2.90GHz	11,293	241	19.37	\$583.00*
Intel Core i9-9820X @ 3.30GHz	20,685	71	32.16	\$643.12
Intel Core i9-9880H @ 2.30GHz	13,911	167	25.02	\$556.00*
Intel Core i9-9900 @ 3.10GHz	17,243	104	34.14	\$505.08
Intel Core i9-9900K @ 3.60GHz	19,044	80	34.95	\$544.95
Intel Core i9-9900KF @ 3.60GHz	18,993	81	37.99	\$499.99
Intel Core i9-9900KS @ 4.00GHz	20,012	74	30.79	\$649.99*
Intel Core i9-9900T @ 2.10GHz	13,379	180	30.48	\$439.00*
Intel Core i9-9900X @ 3.50GHz	21,205	69	15.98	\$1,326.99
Intel Core i9-9920X @ 3.50GHz	23,173	52	18.05	\$1,284.02*
Intel Core i9-9940X @ 3.30GHz	26,764	27	33.46	\$799.90
Intel Core i9-9960X @ 3.10GHz	26,103	35	18.00	\$1,449.99
Intel Core i9-9980HK @ 2.40GHz	15,917	122	27.30	\$583.00*
Intel Core i9-9980XE @ 3.00GHz	33,498	11	17.72	\$1,889.99*
Intel Core i9-10900X @ 3.70GHz	22,349	60	30.73	\$727.18
Intel Core i9-10920X @ 3.50GHz	24,669	39	28.35	\$869.99
Intel Core i9-10940X @ 3.30GHz	28,884	21	24.07	\$1,199.99

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i9-10980XE @ 3.00GHz</u>	32,773	13	<u>33.48</u>	<u>\$979.00*</u>
<u>Intel Core m3-6Y30 @ 0.90GHz</u>	1,841	1584	<u>6.55</u>	<u>\$281.00*</u>
<u>Intel Core m3-7Y30 @ 1.00GHz</u>	2,729	1206	NA	NA
<u>Intel Core m3-7Y32 @ 1.10GHz</u>	2,619	1243	NA	NA
<u>Intel Core m3-8100Y @ 1.10GHz</u>	2,858	1163	<u>10.17</u>	<u>\$281.00*</u>
<u>Intel Core m5-6Y54 @ 1.10GHz</u>	2,537	1269	NA	NA
<u>Intel Core m5-6Y57 @ 1.10GHz</u>	2,478	1290	NA	NA
<u>Intel Core m7-6Y75 @ 1.20GHz</u>	1,952	1522	NA	NA
<u>Intel Core M-5Y10 @ 0.80GHz</u>	1,653	1669	NA	NA
<u>Intel Core M-5Y10a @ 0.80GHz</u>	1,830	1587	NA	NA
<u>Intel Core M-5Y10c @ 0.80GHz</u>	2,052	1465	<u>7.30</u>	<u>\$281.00*</u>
<u>Intel Core M-5Y31 @ 0.90GHz</u>	1,962	1514	NA	NA
<u>Intel Core M-5Y51 @ 1.10GHz</u>	1,610	1693	NA	NA
<u>Intel Core M-5Y70 @ 1.10GHz</u>	1,638	1680	NA	NA
<u>Intel Core M-5Y71 @ 1.20GHz</u>	1,992	1499	<u>7.09</u>	<u>\$281.00*</u>
<u>Intel Core Solo T1300 @ 1.66GHz</u>	390	2595	NA	NA
<u>Intel Core Solo T1350 @ 1.86GHz</u>	361	2625	NA	NA
<u>Intel Core Solo T1400 @ 1.83GHz</u>	471	2515	NA	NA
<u>Intel Core Solo U1300 @ 1.06GHz</u>	262	2726	NA	NA
<u>Intel Core Solo U1400 @ 1.20GHz</u>	263	2724	NA	NA
<u>Intel Core Solo U1500 @ 1.33GHz</u>	331	2653	NA	NA
<u>Intel Pentium 4 1.50GHz</u>	132	2822	NA	NA
<u>Intel Pentium 4 1.60GHz</u>	130	2823	NA	NA
<u>Intel Pentium 4 1.70GHz</u>	133	2821	NA	NA
<u>Intel Pentium 4 1.80GHz</u>	176	2803	NA	NA
<u>Intel Pentium 4 1.90GHz</u>	160	2813	NA	NA
<u>Intel Pentium 4 2.00GHz</u>	205	2784	NA	NA
<u>Intel Pentium 4 2.20GHz</u>	242	2753	NA	NA
<u>Intel Pentium 4 2.26GHz</u>	232	2761	NA	NA
<u>Intel Pentium 4 2.40GHz</u>	202	2787	NA	NA
<u>Intel Pentium 4 2.50GHz</u>	246	2744	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 2.53GHz</u>	250	2740	NA	NA
<u>Intel Pentium 4 2.60GHz</u>	291	2696	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.66GHz	242	2752	NA	NA
Intel Pentium 4 2.80GHz	255	2733	NA	NA
Intel Pentium 4 2.93GHz	231	2762	NA	NA
Intel Pentium 4 3.00GHz	281	2706	NA	NA
Intel Pentium 4 3.06GHz	289	2697	NA	NA
Intel Pentium 4 3.20GHz	288	2699	NA	NA
Intel Pentium 4 3.40GHz	308	2673	NA	NA
Intel Pentium 4 3.46GHz	455	2527	NA	NA
Intel Pentium 4 3.60GHz	335	2648	NA	NA
Intel Pentium 4 3.73GHz	402	2584	NA	NA
Intel Pentium 4 3.80GHz	433	2554	NA	NA
Intel Pentium 4 3.83GHz	162	2811	NA	NA
Intel Pentium 4 1300MHz	119	2827	NA	NA
Intel Pentium 4 1400MHz	128	2824	NA	NA
Intel Pentium 4 1500MHz	125	2825	NA	NA
Intel Pentium 4 1700MHz	154	2816	NA	NA
Intel Pentium 4 1800MHz	175	2806	NA	NA
Intel Pentium 4 Mobile 1.60GHz	179	2801	NA	NA
Intel Pentium 4 Mobile 1.80GHz	176	2804	NA	NA
Intel Pentium 4 Mobile 1.90GHz	210	2781	NA	NA
Intel Pentium 4 Mobile 2.00GHz	203	2786	NA	NA
Intel Pentium 957 @ 1.20GHz	664	2353	4.95	\$134.00*
Intel Pentium 967 @ 1.30GHz	611	2405	NA	NA
Intel Pentium 987 @ 1.50GHz	736	2299	NA	NA
Intel Pentium 997 @ 1.60GHz	842	2218	NA	NA
Intel Pentium 1403 @ 2.60GHz	1,986	1502	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	2,143	1429	NA	NA
Intel Pentium 2020M @ 2.40GHz	1,446	1779	10.79	\$134.00*
Intel Pentium 2030M @ 2.50GHz	1,523	1741	11.37	\$134.00*
Intel Pentium 2117U @ 1.80GHz	880	2191	6.57	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1,119	1992	8.35	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	662	2355	4.94	\$134.00*
Intel Pentium 3550M @ 2.30GHz	1,534	1738	7.10	\$215.92
Intel Pentium 3556U @ 1.70GHz	1,050	2047	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 3558U @ 1.70GHz	1,043	2054	NA	NA
Intel Pentium 3560M @ 2.40GHz	1,649	1673	NA	NA
Intel Pentium 3560Y @ 1.20GHz	871	2199	NA	NA
Intel Pentium 3805U @ 1.90GHz	1,192	1925	NA	NA
Intel Pentium 3825U @ 1.90GHz	1,517	1743	NA	NA
Intel Pentium 4405U @ 2.10GHz	2,158	1420	NA	NA
Intel Pentium 4405Y @ 1.50GHz	1,487	1760	NA	NA
Intel Pentium 4410Y @ 1.50GHz	1,583	1708	9.83	\$161.00*
Intel Pentium 4415U @ 2.30GHz	2,265	1381	NA	NA
Intel Pentium 4415Y @ 1.60GHz	1,700	1644	10.56	\$161.00*
Intel Pentium 4417U @ 2.30GHz	2,466	1297	15.32	\$161.00*
Intel Pentium 5405U @ 2.30GHz	2,458	1299	15.27	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1,049	2048	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium A1020 @ 2.41GHz	1,239	1892	NA	NA
Intel Pentium B940 @ 2.00GHz	871	2198	29.10	\$29.94*
Intel Pentium B950 @ 2.10GHz	763	2274	NA	NA
Intel Pentium B960 @ 2.20GHz	1,017	2077	26.29	\$38.68
Intel Pentium B970 @ 2.30GHz	1,176	1940	23.07	\$50.99*
Intel Pentium B980 @ 2.40GHz	1,137	1974	16.25	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3,813	920	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	447	2536	NA	NA
Intel Pentium D 830 @ 3.00GHz	503	2481	NA	NA
Intel Pentium D 915 @ 2.80GHz	502	2483	NA	NA
Intel Pentium D 940 @ 3.20GHz	675	2340	NA	NA
Intel Pentium D 950 @ 3.40GHz	760	2280	NA	NA
Intel Pentium D 960 @ 3.60GHz	737	2296	NA	NA
Intel Pentium E2140 @ 1.60GHz	414	2573	4.60	\$89.95*
Intel Pentium E2160 @ 1.80GHz	686	2334	44.23	\$15.51*
Intel Pentium E2180 @ 2.00GHz	668	2348	4.95	\$134.96
Intel Pentium E2200 @ 2.20GHz	755	2282	10.07	\$75.00*
Intel Pentium E2210 @ 2.20GHz	720	2314	NA	NA
Intel Pentium E2220 @ 2.40GHz	808	2246	9.39	\$85.99*
Intel Pentium F5200 @ 2.50GHz	885	2185	14.76	\$59.95*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E5300 @ 2.60GHz	1,046	2050	80.53	\$12.99
Intel Pentium E5400 @ 2.70GHz	1,013	2081	57.03	\$17.76*
Intel Pentium E5500 @ 2.80GHz	1,045	2051	80.71	\$12.95
Intel Pentium E5700 @ 3.00GHz	1,162	1953	58.14	\$19.99
Intel Pentium E5800 @ 3.20GHz	1,111	1999	76.20	\$14.58
Intel Pentium E6300 @ 2.80GHz	829	2229	8.30	\$99.95
Intel Pentium E6500 @ 2.93GHz	1,094	2011	6.93	\$157.95*
Intel Pentium E6600 @ 3.06GHz	812	2241	8.12	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1,126	1985	87.60	\$12.85
Intel Pentium E6800 @ 3.33GHz	1,152	1965	76.84	\$14.99
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2166	29.21	\$31.23*
Intel Pentium Extreme Edition 965 @ 3.73GHz	1,155	1961	NA	NA
Intel Pentium G620 @ 2.60GHz	1,306	1851	52.27	\$24.99*
Intel Pentium G620T @ 2.20GHz	1,156	1957	14.46	\$79.99*
Intel Pentium G630 @ 2.70GHz	1,432	1789	15.91	\$90.00*
Intel Pentium G630T @ 2.30GHz	1,024	2067	12.80	\$79.99*
Intel Pentium G640 @ 2.80GHz	1,510	1747	37.74	\$40.00*
Intel Pentium G640T @ 2.40GHz	1,215	1912	NA	NA
Intel Pentium G645 @ 2.90GHz	1,543	1732	51.44	\$30.00
Intel Pentium G645T @ 2.50GHz	1,261	1878	NA	NA
Intel Pentium G840 @ 2.80GHz	1,506	1748	43.05	\$34.99*
Intel Pentium G850 @ 2.90GHz	1,618	1686	8.61	\$187.99
Intel Pentium G860 @ 3.00GHz	1,545	1728	51.51	\$29.99*
Intel Pentium G870 @ 3.10GHz	1,640	1678	16.91	\$97.00*
Intel Pentium G2010 @ 2.80GHz	1,392	1805	27.85	\$50.00*
Intel Pentium G2020 @ 2.90GHz	1,820	1591	30.37	\$59.95*
Intel Pentium G2020T @ 2.50GHz	1,522	1742	31.97	\$47.60*
Intel Pentium G2030 @ 3.00GHz	1,670	1653	43.96	\$38.00
Intel Pentium G2030T @ 2.60GHz	1,654	1668	25.84	\$64.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2100T @ 2.60GHz	1,754	1623	NA	NA
Intel Pentium G2120 @ 3.10GHz	1,981	1504	12.42	\$159.55*
Intel Pentium G2120T @ 2.70GHz	1,613	1691	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2130 @ 3.20GHz	2,008	1492	40.16	\$49.99*
Intel Pentium G2140 @ 3.30GHz	2,169	1412	26.59	\$81.56*
Intel Pentium G3220 @ 3.00GHz	2,052	1464	23.88	\$85.93
Intel Pentium G3220T @ 2.60GHz	1,778	1611	17.79	\$99.99
Intel Pentium G3240 @ 3.10GHz	1,915	1538	27.36	\$69.99
Intel Pentium G3240T @ 2.70GHz	1,853	1578	NA	NA
Intel Pentium G3250 @ 3.20GHz	2,196	1401	73.22	\$30.00
Intel Pentium G3250T @ 2.80GHz	2,018	1485	22.42	\$89.99*
Intel Pentium G3258 @ 3.20GHz	2,515	1279	18.77	\$134.00
Intel Pentium G3260 @ 3.30GHz	2,152	1426	16.55	\$129.99
Intel Pentium G3260T @ 2.90GHz	2,042	1471	22.69	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	1,663	1657	NA	NA
Intel Pentium G3420 @ 3.20GHz	1,996	1497	26.54	\$75.20
Intel Pentium G3420T @ 2.70GHz	2,094	1444	13.09	\$159.99*
Intel Pentium G3430 @ 3.30GHz	2,317	1362	25.75	\$89.99*
Intel Pentium G3440 @ 3.30GHz	2,247	1390	14.05	\$159.94*
Intel Pentium G3440T @ 2.80GHz	2,159	1419	NA	NA
Intel Pentium G3450 @ 3.40GHz	2,454	1302	98.34	\$24.95*
Intel Pentium G3450T @ 2.90GHz	2,065	1456	NA	NA
Intel Pentium G3460 @ 3.50GHz	2,423	1321	8.41	\$288.20*
Intel Pentium G3470 @ 3.60GHz	2,569	1256	24.63	\$104.29*
Intel Pentium G4400 @ 3.30GHz	2,692	1219	35.42	\$75.98
Intel Pentium G4400T @ 2.90GHz	2,451	1304	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2,213	1399	34.58	\$64.00*
Intel Pentium G4500 @ 3.50GHz	2,943	1143	36.84	\$79.90
Intel Pentium G4500T @ 3.00GHz	2,589	1248	NA	NA
Intel Pentium G4520 @ 3.60GHz	3,055	1111	80.07	\$38.16
Intel Pentium G4560 @ 3.50GHz	3,645	954	52.15	\$69.89
Intel Pentium G4560T @ 2.90GHz	3,121	1088	28.38	\$109.99*
Intel Pentium G4600 @ 3.60GHz	4,064	892	58.05	\$70.00
Intel Pentium G4600T @ 3.00GHz	3,467	986	19.56	\$177.28*
Intel Pentium G4620 @ 3.70GHz	4,195	871	36.91	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1,189	1928	44.05	\$27.00
Intel Pentium G6951 @ 2.80GHz	1,398	1799	14.88	\$94.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G6960 @ 2.93GHz	1,291	1858	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	3,796	922	61.36	\$61.87
Intel Pentium Gold G5400T @ 3.10GHz	3,746	930	58.53	\$64.00*
Intel Pentium Gold G5420 @ 3.80GHz	4,281	854	67.93	\$63.03
Intel Pentium Gold G5420T @ 3.20GHz	4,191	873	65.48	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	4,222	867	31.29	\$134.94
Intel Pentium Gold G5500T @ 3.20GHz	3,532	979	47.09	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	4,443	832	21.97	\$202.21*
Intel Pentium Gold G5600F @ 3.90GHz	4,662	798	NA	NA
Intel Pentium Gold G5620 @ 4.00GHz	4,596	808	29.86	\$153.92
Intel Pentium III 1400 @ 1400MHz	297	2689	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2686	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III Mobile 800MHz	183	2797	NA	NA
Intel Pentium III Mobile 866MHz	152	2817	NA	NA
Intel Pentium III Mobile 1066MHz	246	2743	NA	NA
Intel Pentium III Mobile 1133MHz	252	2739	NA	NA
Intel Pentium III Mobile 1200MHz	240	2754	NA	NA
Intel Pentium J2850 @ 2.41GHz	991	2103	NA	NA
Intel Pentium J2900 @ 2.41GHz	1,128	1981	NA	NA
Intel Pentium J3710 @ 1.60GHz	1,474	1764	NA	NA
Intel Pentium J4205 @ 1.50GHz	2,260	1385	NA	NA
Intel Pentium M 1.10GHz	283	2701	NA	NA
Intel Pentium M 1.20GHz	307	2675	NA	NA
Intel Pentium M 1.30GHz	302	2681	NA	NA
Intel Pentium M 1.40GHz	346	2641	NA	NA
Intel Pentium M 1.50GHz	369	2615	NA	NA
Intel Pentium M 1.60GHz	353	2636	NA	NA
Intel Pentium M 1.70GHz	368	2617	NA	NA
Intel Pentium M 1.73GHz	396	2589	NA	NA
Intel Pentium M 1.80GHz	432	2556	NA	NA
Intel Pentium M 1.86GHz	437	2549	NA	NA
Intel Pentium M 2.00GHz	416	2570	NA	NA
Intel Pentium M 2.10GHz	449	2534	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 2.13GHz	416	2569	NA	NA
Intel Pentium M 2.26GHz	365	2620	NA	NA
Intel Pentium M 900MHz	217	2776	NA	NA
Intel Pentium M 1000MHz	239	2756	NA	NA
Intel Pentium M 1200MHz	238	2757	NA	NA
Intel Pentium M 1300MHz	304	2677	NA	NA
Intel Pentium M 1400MHz	320	2662	NA	NA
Intel Pentium M 1500MHz	289	2698	NA	NA
Intel Pentium M 1600MHz	296	2690	NA	NA
Intel Pentium M 1700MHz	365	2621	NA	NA
Intel Pentium N3510 @ 1.99GHz	849	2213	NA	NA
Intel Pentium N3520 @ 2.16GHz	1,137	1973	NA	NA
Intel Pentium N3530 @ 2.16GHz	1,073	2026	NA	NA
Intel Pentium N3540 @ 2.16GHz	1,180	1933	4.70	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1,250	1887	2.81	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1,453	1775	NA	NA
Intel Pentium N4200 @ 1.10GHz	2,250	1387	9.84	\$228.71*
Intel Pentium P6000 @ 1.87GHz	774	2268	NA	NA
Intel Pentium P6100 @ 2.00GHz	792	2260	27.84	\$28.44*
Intel Pentium P6200 @ 2.13GHz	872	2197	19.39	\$44.95*
Intel Pentium P6300 @ 2.27GHz	965	2125	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	3,024	1121	14.93	\$202.57
Intel Pentium Silver J5040 @ 2.00GHz	3,459	989	NA	NA
Intel Pentium Silver N5000 @ 1.10GHz	2,801	1182	17.40	\$161.00*
Intel Pentium Silver N5030 @ 1.10GHz	2,393	1333	NA	NA
Intel Pentium SU2700 @ 1.30GHz	249	2741	NA	NA
Intel Pentium SU4100 @ 1.30GHz	499	2488	NA	NA
Intel Pentium T2060 @ 1.60GHz	627	2391	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2080 @ 1.73GHz	663	2354	4.15	\$159.95*
Intel Pentium T2130 @ 1.86GHz	683	2336	NA	NA
Intel Pentium T2310 @ 1.46GHz	528	2465	NA	NA
Intel Pentium T2330 @ 1.60GHz	523	2467	NA	NA
Intel Pentium T2370 @ 1.73GHz	558	2441	15.95	\$35.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2390 @ 1.86GHz	613	2401	NA	NA
Intel Pentium T2410 @ 2.00GHz	634	2384	NA	NA
Intel Pentium T3200 @ 2.00GHz	632	2387	52.63	\$12.00*
Intel Pentium T3400 @ 2.16GHz	636	2380	7.07	\$89.95*
Intel Pentium T4200 @ 2.00GHz	706	2322	58.83	\$12.00*
Intel Pentium T4300 @ 2.10GHz	801	2251	NA	NA
Intel Pentium T4400 @ 2.20GHz	798	2255	NA	NA
Intel Pentium T4500 @ 2.30GHz	810	2244	NA	NA
Intel Pentium U5400 @ 1.20GHz	439	2545	NA	NA
Intel Pentium U5600 @ 1.33GHz	586	2422	NA	NA
Intel T1400 @ 1.73GHz	530	2462	NA	NA
Intel T1500 @ 1.86GHz	668	2347	NA	NA
Intel T2050 @ 2.00GHz	959	2131	NA	NA
Intel Xeon 2.00GHz	234	2760	NA	NA
Intel XEON 2.20GHz	253	2736	NA	NA
Intel Xeon 2.40GHz	276	2713	30.35	\$9.10*
Intel Xeon 2.80GHz	331	2654	NA	NA
Intel Xeon 3.00GHz	500	2487	NA	NA
Intel Xeon 3.20GHz	563	2436	NA	NA
Intel Xeon 3.40GHz	396	2588	NA	NA
Intel Xeon 3.60GHz	421	2568	0.49	\$851.00*
Intel Xeon 3.73GHz	1,227	1900	NA	NA
Intel Xeon 3.80GHz	500	2486	0.59	\$851.00*
Intel Xeon 3040 @ 1.86GHz	767	2270	30.65	\$25.04*
Intel Xeon 3050 @ 2.13GHz	800	2252	5.06	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1,076	2024	46.80	\$22.99*
Intel Xeon 3065 @ 2.33GHz	854	2212	40.84	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1,168	1948	6.60	\$176.96*
Intel Xeon 3075 @ 2.66GHz	1,163	1952	3.32	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1,111	2000	NA	NA
Intel Xeon 5110 @ 1.60GHz	683	2337	19.52	\$35.00*
Intel Xeon 5120 @ 1.86GHz	792	2261	0.49	\$1,619.99
Intel Xeon 5130 @ 2.00GHz	799	2253	16.30	\$48.99*
Intel Xeon 5133 @ 2.20GHz	1,011	2084	NA	NA

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Intel Xeon 5140 @ 2.33GHz	976	2112	39.04	\$24.99*
Intel Xeon 5148 @ 2.33GHz	1,006	2090	76.59	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1,070	2029	7.65	\$139.95*
Intel Xeon 5160 @ 3.00GHz	1,176	1941	23.53	\$49.99*
Intel Xeon @ 2.00GHz	10,404	278	NA	NA
Intel Xeon @ 2.20GHz	1,450	1777	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5,336	722	22.51	\$236.99
Intel Xeon Bronze 3106 @ 1.70GHz	6,324	601	19.16	\$329.99
Intel Xeon Bronze 3204 @ 1.90GHz	5,739	669	21.10	\$272.02*
Intel Xeon D-1518 @ 2.20GHz	5,944	647	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1520 @ 2.20GHz	5,114	749	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6,980	514	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8,010	426	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9,643	312	27.71	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	8,445	381	14.79	\$571.00*
Intel Xeon D-1539 @ 1.60GHz	8,444	382	17.37	\$486.00*
Intel Xeon D-1540 @ 2.00GHz	10,741	263	NA	NA
Intel Xeon D-1541 @ 2.10GHz	10,929	252	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10,680	267	19.24	\$555.00*
Intel Xeon D-1557 @ 1.50GHz	10,951	250	15.78	\$694.00*
Intel Xeon D-1559 @ 1.50GHz	8,687	365	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14,210	159	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14,190	161	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	7,485	469	35.14	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	11,789	226	21.24	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	12,690	200	22.42	\$566.00*
Intel Xeon D-2146NT @ 2.30GHz	11,074	244	17.28	\$641.00*
Intel Xeon D-2166NT @ 2.00GHz	14,624	148	14.55	\$1,005.00*
Intel Xeon D-2183IT @ 2.20GHz	17,800	98	10.09	\$1,764.00*
Intel Xeon D-2187NT @ 2.00GHz	18,131	92	9.12	\$1,989.00*
Intel Xeon E3-1205 v6 @ 3.00GHz	5,982	646	31.00	\$193.00*
Intel Xeon E3-1220 @ 3.10GHz	3,921	907	130.73	\$29.99
Intel Xeon E3-1220 V2 @ 3.10GHz	4,742	785	121.65	\$38.98

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1220 v3 @ 3.10GHz	5,217	735	41.74	\$124.99
Intel Xeon E3-1220 v5 @ 3.00GHz	6,074	633	30.37	\$200.00
Intel Xeon E3-1220 v6 @ 3.00GHz	6,313	602	25.42	\$248.36
Intel Xeon E3-1220L @ 2.20GHz	2,152	1425	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	2,787	1186	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	1,441	1783	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	3,683	945	75.17	\$48.99
Intel Xeon E3-1225 V2 @ 3.20GHz	4,828	778	89.43	\$53.99
Intel Xeon E3-1225 v3 @ 3.20GHz	5,333	723	82.05	\$64.99
Intel Xeon E3-1225 v5 @ 3.30GHz	6,076	632	21.70	\$280.00
Intel Xeon E3-1225 v6 @ 3.30GHz	6,629	558	20.09	\$329.95
Intel Xeon E3-1226 v3 @ 3.30GHz	5,586	685	9.39	\$595.00*
Intel Xeon E3-1230 @ 3.20GHz	5,016	758	71.66	\$70.00
Intel Xeon E3-1230 V2 @ 3.30GHz	6,217	614	81.06	\$76.70
Intel Xeon E3-1230 v3 @ 3.30GHz	6,761	542	67.61	\$99.99
Intel Xeon E3-1230 v5 @ 3.40GHz	7,408	479	21.69	\$341.53*
Intel Xeon E3-1230 v6 @ 3.50GHz	8,109	411	30.03	\$269.99
Intel Xeon E3-1230L v3 @ 1.80GHz	4,660	799	15.58	\$299.00*
Intel Xeon E3-1231 v3 @ 3.40GHz	7,036	511	37.69	\$186.68
Intel Xeon E3-1235 @ 3.20GHz	4,700	791	20.09	\$234.00
Intel Xeon E3-1235L v5 @ 2.00GHz	5,066	753	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	4,835	776	69.07	\$70.00
Intel Xeon E3-1240 V2 @ 3.40GHz	6,513	575	67.15	\$96.99
Intel Xeon E3-1240 v3 @ 3.40GHz	6,997	513	7.00	\$999.00
Intel Xeon E3-1240 v5 @ 3.50GHz	7,931	430	23.21	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	8,523	373	37.22	\$229.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1240L v3 @ 2.00GHz	5,187	740	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	5,942	648	21.37	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	7,399	480	38.94	\$189.99
Intel Xeon E3-1245 @ 3.30GHz	4,826	779	25.41	\$189.95
Intel Xeon E3-1245 V2 @ 3.40GHz	6,234	610	54.69	\$113.99
Intel Xeon E3-1245 v3 @ 3.40GHz	6,962	517	28.42	\$245.00
Intel Xeon E3-1245 v5 @ 3.50GHz	8,200	402	23.75	\$345.31*

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Intel Xeon E3-1245 v6 @ 3.70GHz	8,622	368	17.60	\$489.95
Intel Xeon E3-1246 v3 @ 3.50GHz	7,164	499	24.28	\$295.00
Intel Xeon E3-1260L @ 2.40GHz	3,679	946	29.43	\$125.00*
Intel Xeon E3-1260L v5 @ 2.90GHz	7,882	433	10.71	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	3,533	978	3.85	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	4,975	763	33.62	\$148.00*
Intel Xeon E3-1265L v3 @ 2.50GHz	6,301	603	9.00	\$699.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9,061	346	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	5,464	700	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	6,670	549	14.61	\$456.54*
Intel Xeon E3-1270 @ 3.40GHz	5,464	699	17.92	\$305.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	6,594	562	36.64	\$179.99
Intel Xeon E3-1270 v3 @ 3.50GHz	7,266	489	38.53	\$188.58
Intel Xeon E3-1270 v5 @ 3.60GHz	8,436	384	19.35	\$435.90*
Intel Xeon E3-1270 v6 @ 3.80GHz	9,157	341	24.36	\$375.98
Intel Xeon E3-1270L v4 @ 3.00GHz	10,691	265	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	7,508	467	8.45	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	4,669	796	15.88	\$294.00
Intel Xeon E3-1275 V2 @ 3.50GHz	6,083	631	69.13	\$88.00
Intel Xeon E3-1275 v3 @ 3.50GHz	6,419	585	16.01	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	8,223	399	22.84	\$360.00
Intel Xeon E3-1275 v6 @ 3.80GHz	8,981	351	11.23	\$799.95
Intel Xeon E3-1275L v3 @ 2.70GHz	6,261	607	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	7,132	502	6.65	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	5,180	741	21.58	\$240.00
Intel Xeon E3-1280 V2 @ 3.60GHz	6,146	621	17.56	\$350.00
Intel Xeon E3-1280 v3 @ 3.60GHz	6,859	530	38.32	\$179.00
Intel Xeon E3-1280 v5 @ 3.70GHz	8,132	409	19.13	\$425.00
Intel Xeon E3-1280 v6 @ 3.90GHz	9,317	333	18.99	\$490.58
Intel Xeon E3-1281 v3 @ 3.70GHz	6,936	520	38.53	\$179.99
Intel Xeon E3-1285 v3 @ 3.60GHz	7,419	478	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10,511	276	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	9,766	308	9.78	\$998.95
Intel Xeon E3-1285L v3 @ 3.10GHz	6,924	524	8.57	\$808.02*

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Intel Xeon E3-1285L v4 @ 3.40GHz	10,994	247	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	7,600	458	9.06	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	6,609	561	8.54	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	5,323	725	6.01	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	6,129	624	6.93	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	4,889	770	NA	NA
Intel Xeon E3-1505L v6 @ 2.20GHz	6,410	586	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	7,227	494	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1505M v6 @ 3.00GHz	7,798	445	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	8,001	427	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	7,178	497	11.52	\$623.00*
Intel Xeon E3-1535M v6 @ 3.10GHz	8,595	369	13.80	\$623.00*
Intel Xeon E3-1545M v5 @ 2.90GHz	7,924	431	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	8,157	406	6.76	\$1,207.00*
Intel Xeon E3-1585 v5 @ 3.50GHz	8,496	375	15.28	\$556.00*
Intel Xeon E3-1585L v5 @ 3.00GHz	8,160	404	18.34	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	5,202	738	115.63	\$44.99*
Intel Xeon E5-1410 v2 @ 2.80GHz	5,708	673	NA	NA
Intel Xeon E5-1428L v2 @ 2.20GHz	6,163	619	12.48	\$494.00*
Intel Xeon E5-1603 @ 2.80GHz	3,720	938	124.01	\$30.00*
Intel Xeon E5-1603 v3 @ 2.80GHz	4,878	771	131.88	\$36.99
Intel Xeon E5-1603 v4 @ 2.80GHz	4,937	767	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	4,631	804	159.69	\$29.00*
Intel Xeon E5-1607 v2 @ 3.00GHz	4,528	824	129.57	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	5,396	709	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	5,687	677	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	5,988	643	112.98	\$53.00
Intel Xeon E5-1620 v2 @ 3.70GHz	6,560	568	139.57	\$47.00
Intel Xeon E5-1620 v3 @ 3.50GHz	7,130	503	55.75	\$127.88*
Intel Xeon E5-1620 v4 @ 3.50GHz	7,425	476	16.72	\$443.99
Intel Xeon E5-1630 v3 @ 3.70GHz	7,646	453	41.33	\$184.99*
Intel Xeon E5-1630 v4 @ 3.70GHz	7,866	434	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	8,437	383	17.04	\$495.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1650 v2 @ 3.50GHz	8,868	357	80.65	\$109.95
Intel Xeon E5-1650 v3 @ 3.50GHz	10,365	283	86.38	\$119.99
Intel Xeon E5-1650 v4 @ 3.60GHz	10,849	257	21.36	\$508.00*
Intel Xeon E5-1660 @ 3.30GHz	8,641	366	7.04	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	9,949	302	36.71	\$270.99*
Intel Xeon E5-1660 v3 @ 3.00GHz	11,706	230	28.62	\$408.95*
Intel Xeon E5-1660 v4 @ 3.20GHz	12,369	208	10.06	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	11,646	233	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	12,670	201	21.48	\$589.99*
Intel Xeon E5-1680 v4 @ 3.40GHz	13,054	189	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	13,594	174	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	2,643	1236	55.35	\$47.75*
Intel Xeon E5-2403 v2 @ 1.80GHz	2,915	1150	131.32	\$22.20*
Intel Xeon E5-2407 @ 2.20GHz	2,897	1158	144.84	\$20.00
Intel Xeon E5-2407 v2 @ 2.40GHz	3,786	924	10.52	\$359.95*
Intel Xeon E5-2418L @ 2.00GHz	3,773	926	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	5,053	755	220.94	\$22.87*
Intel Xeon E5-2420 v2 @ 2.20GHz	6,229	611	214.80	\$29.00
Intel Xeon E5-2430 @ 2.20GHz	5,993	641	171.29	\$34.99*
Intel Xeon E5-2430 v2 @ 2.50GHz	6,870	529	83.79	\$81.99*
Intel Xeon E5-2430L @ 2.00GHz	5,645	680	174.87	\$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	4,706	789	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	6,261	606	208.78	\$29.99
Intel Xeon E5-2440 v2 @ 1.90GHz	6,502	576	185.77	\$35.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2448L v2 @ 1.80GHz	6,358	595	4.47	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	7,671	452	109.61	\$69.99
Intel Xeon E5-2450L @ 1.80GHz	5,992	642	66.59	\$89.99*
Intel Xeon E5-2470 @ 2.30GHz	8,099	414	91.02	\$88.99
Intel Xeon E5-2470 v2 @ 2.40GHz	8,509	374	28.27	\$300.99
Intel Xeon E5-2603 @ 1.80GHz	2,786	1188	58.22	\$47.85*
Intel Xeon E5-2603 v2 @ 1.80GHz	2,742	1203	45.70	\$59.99*
Intel Xeon E5-2603 v3 @ 1.60GHz	4,043	894	82.51	\$49.00
Intel Xeon E5-2603 v4 @ 1.70GHz	4,232	863	18.88	\$224.20*

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Intel Xeon E5-2608L v3 @ 2.00GHz	5,885	649	13.34	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4,693	793	276.23	\$16.99
Intel Xeon E5-2609 v2 @ 2.50GHz	3,821	917	26.35	\$145.02*
Intel Xeon E5-2609 v3 @ 1.90GHz	4,541	822	45.87	\$98.99
Intel Xeon E5-2609 v4 @ 1.70GHz	5,385	710	14.97	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	9,368	330	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	10,854	256	13.93	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	5,693	674	367.52	\$15.49
Intel Xeon E5-2620 v2 @ 2.10GHz	6,135	623	306.75	\$20.00
Intel Xeon E5-2620 v3 @ 2.40GHz	7,573	462	252.51	\$29.99
Intel Xeon E5-2620 v4 @ 2.10GHz	8,623	367	28.51	\$302.49
Intel Xeon E5-2623 v3 @ 3.00GHz	6,771	539	55.96	\$121.00*
Intel Xeon E5-2623 v4 @ 2.60GHz	6,616	559	12.05	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	6,679	548	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	9,126	343	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	9,987	299	7.32	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	8,312	390	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	6,444	582	161.34	\$39.94*
Intel Xeon E5-2630 v2 @ 2.60GHz	7,584	461	216.70	\$35.00
Intel Xeon E5-2630 v3 @ 2.40GHz	9,846	305	109.40	\$90.00
Intel Xeon E5-2630 v4 @ 2.20GHz	11,046	245	16.01	\$689.99
Intel Xeon E5-2630L @ 2.00GHz	5,830	656	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	6,461	581	150.25	\$43.00
Intel Xeon E5-2630L v3 @ 1.80GHz	7,111	505	35.21	\$201.96
Intel Xeon E5-2630L v4 @ 1.80GHz	9,793	307	NA	NA
Intel Xeon E5-2637 @ 3.00GHz	3,271	1043	3.70	\$885.00*
Intel Xeon E5-2637 v2 @ 3.50GHz	6,574	566	77.35	\$84.99
Intel Xeon E5-2637 v3 @ 3.50GHz	7,333	484	50.40	\$145.51*
Intel Xeon E5-2637 v4 @ 3.50GHz	8,211	400	8.22	\$999.00*
Intel Xeon E5-2640 @ 2.50GHz	6,381	590	81.52	\$78.27
Intel Xeon E5-2640 v2 @ 2.00GHz	7,459	471	187.54	\$39.77*
Intel Xeon E5-2640 v3 @ 2.60GHz	10,170	291	145.33	\$69.98*
Intel Xeon E5-2640 v4 @ 2.40GHz	11,731	229	11.79	\$994.99
Intel Xeon E5-2643 @ 3.30GHz	5,802	659	141.52	\$41.00

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Intel Xeon E5-2643 v2 @ 3.50GHz	9,481	323	86.20	\$109.99
Intel Xeon E5-2643 v3 @ 3.40GHz	10,595	274	42.38	\$249.99
Intel Xeon E5-2643 v4 @ 3.40GHz	10,218	290	5.06	\$2,019.95
Intel Xeon E5-2648L @ 1.80GHz	4,543	821	NA	NA
Intel Xeon E5-2648L v2 @ 1.90GHz	8,082	417	5.46	\$1,479.00*
Intel Xeon E5-2648L v3 @ 1.80GHz	7,828	439	5.02	\$1,560.86*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2648L v4 @ 1.80GHz	10,409	277	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	10,992	248	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	7,458	472	165.81	\$44.98
Intel Xeon E5-2650 v2 @ 2.60GHz	9,900	304	82.40	\$120.14
Intel Xeon E5-2650 v3 @ 2.30GHz	11,839	224	131.56	\$89.99
Intel Xeon E5-2650 v4 @ 2.20GHz	11,748	227	11.77	\$998.00
Intel Xeon E5-2650L @ 1.80GHz	6,198	615	82.64	\$75.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	7,016	512	111.28	\$63.05*
Intel Xeon E5-2650L v3 @ 1.80GHz	10,044	294	43.25	\$232.22*
Intel Xeon E5-2650L v4 @ 1.70GHz	10,743	262	20.27	\$529.99*
Intel Xeon E5-2651 v2 @ 1.80GHz	8,070	420	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	6,514	574	4.46	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	9,213	336	51.19	\$179.99*
Intel Xeon E5-2658 v3 @ 2.20GHz	12,371	207	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	12,772	196	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	8,272	393	155.08	\$53.34
Intel Xeon E5-2660 v2 @ 2.20GHz	9,330	332	72.36	\$128.95
Intel Xeon E5-2660 v3 @ 2.60GHz	13,061	188	35.30	\$369.95
Intel Xeon E5-2660 v4 @ 2.00GHz	12,929	190	9.05	\$1,428.29*
Intel Xeon E5-2663 v3 @ 2.80GHz	10,768	259	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	8,382	386	71.65	\$116.99
Intel Xeon E5-2667 @ 2.90GHz	7,801	443	195.02	\$40.00
Intel Xeon E5-2667 v2 @ 3.30GHz	12,143	213	67.47	\$179.99
Intel Xeon E5-2667 v3 @ 3.20GHz	11,894	221	34.08	\$349.00
Intel Xeon E5-2667 v4 @ 3.20GHz	13,408	179	14.90	\$899.99*
Intel Xeon E5-2669 v3 @ 2.30GHz	16,107	116	NA	NA
Intel Xeon E5-2670 @ 2.60GHz	9,981	300	81.61	\$122.31

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Intel Xeon E5-2670 v2 @ 2.50GHz	10,633	271	92.47	\$114.99
Intel Xeon E5-2670 v3 @ 2.30GHz	12,586	203	86.80	\$144.99
Intel Xeon E5-2673 v2 @ 3.30GHz	11,599	235	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	12,079	218	17.26	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	15,805	126	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	10,970	249	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	13,215	186	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	14,122	162	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	18,928	83	7.01	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	9,655	311	139.93	\$69.00
Intel Xeon E5-2680 v2 @ 2.80GHz	12,368	209	68.71	\$180.00
Intel Xeon E5-2680 v3 @ 2.50GHz	14,619	149	81.22	\$179.99
Intel Xeon E5-2680 v4 @ 2.40GHz	14,795	144	9.80	\$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	15,567	131	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	12,809	195	28.46	\$450.00
Intel Xeon E5-2683 v4 @ 2.10GHz	14,380	156	28.82	\$499.00
Intel Xeon E5-2685 v3 @ 2.60GHz	11,873	222	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	13,342	181	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	15,094	138	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	10,233	288	18.29	\$559.44
Intel Xeon E5-2687W v2 @ 3.40GHz	11,799	225	35.22	\$335.00*
Intel Xeon E5-2687W v3 @ 3.10GHz	13,246	185	21.75	\$608.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2687W v4 @ 3.00GHz	15,064	139	6.93	\$2,174.99*
Intel Xeon E5-2689 @ 2.60GHz	9,987	298	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	15,059	140	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	10,055	293	102.61	\$97.99
Intel Xeon E5-2690 v2 @ 3.00GHz	12,695	199	70.22	\$180.80*
Intel Xeon E5-2690 v3 @ 2.60GHz	15,547	133	74.05	\$209.95
Intel Xeon E5-2690 v4 @ 2.60GHz	15,936	120	7.34	\$2,169.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	11,375	237	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	12,695	198	50.99	\$248.99
Intel Xeon E5-2695 v3 @ 2.30GHz	14,085	164	29.41	\$479.00*
Intel Xeon E5-2695 v4 @ 2.10GHz	15,322	135	2.64	\$5,808.00*

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Intel Xeon E5-2696 v2 @ 2.50GHz	13,264	183	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	15,915	123	6.37	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	15,870	124	5.27	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	12,087	216	45.27	\$266.99
Intel Xeon E5-2697 v3 @ 2.60GHz	15,804	127	26.38	\$599.00
Intel Xeon E5-2697 v4 @ 2.30GHz	15,759	129	5.66	\$2,784.95
Intel Xeon E5-2697A v4 @ 2.60GHz	17,123	105	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	15,012	141	20.59	\$729.00*
Intel Xeon E5-2698 v4 @ 2.20GHz	15,750	130	4.34	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	16,137	115	23.09	\$699.00
Intel Xeon E5-2699 v4 @ 2.20GHz	18,305	90	4.88	\$3,747.95
Intel Xeon E5-2699A v4 @ 2.40GHz	16,645	109	3.37	\$4,938.00*
Intel Xeon E5-4603 @ 2.00GHz	3,637	956	37.87	\$96.04*
Intel Xeon E5-4607 v2 @ 2.60GHz	6,557	569	NA	NA
Intel Xeon E5-4610 @ 2.40GHz	6,929	523	5.67	\$1,223.00*
Intel Xeon E5-4610 v3 @ 1.70GHz	6,631	557	5.44	\$1,219.00*
Intel Xeon E5-4617 @ 2.90GHz	6,755	543	75.14	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	7,326	485	54.58	\$134.21*
Intel Xeon E5-4620 v3 @ 2.00GHz	10,681	266	6.40	\$1,668.00*
Intel Xeon E5-4627 v2 @ 3.30GHz	8,975	352	17.63	\$508.95*
Intel Xeon E5-4627 v3 @ 2.60GHz	10,945	251	4.56	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	11,844	223	5.32	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	7,839	438	2.87	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	9,514	320	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	8,311	391	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	8,335	388	119.09	\$69.99*
Intel Xeon E5-4650L @ 2.60GHz	8,760	364	118.41	\$73.98*
Intel Xeon E5-4655 v3 @ 2.90GHz	9,206	338	1.99	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	11,029	246	7.88	\$1,399.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	12,099	215	2.52	\$4,800.00*
Intel Xeon E5-4667 v3 @ 2.00GHz	12,273	211	2.14	\$5,729.00*
Intel Xeon E5-4669 v3 @ 2.10GHz	14,690	147	2.72	\$5,400.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	10,387	281	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3,119	1090	1.75	\$1,779.00*

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Intel Xeon E3110 @ 3.00GHz	1,230	1898	120.14	\$10.24*
Intel Xeon E3113 @ 3.00GHz	1,488	1759	152.01	\$9.79*
Intel Xeon E3120 @ 3.16GHz	1,374	1812	NA	NA
Intel Xeon E5205 @ 1.86GHz	859	2209	60.20	\$14.27*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5240 @ 3.00GHz	1,484	1762	16.72	\$88.78*
Intel Xeon E5310 @ 1.60GHz	1,356	1820	27.67	\$49.00*
Intel Xeon E5320 @ 1.86GHz	1,398	1800	36.08	\$38.75*
Intel Xeon E5335 @ 2.00GHz	1,544	1730	86.90	\$17.77*
Intel Xeon E5345 @ 2.33GHz	1,748	1628	43.72	\$39.99*
Intel Xeon E5405 @ 2.00GHz	1,659	1663	41.53	\$39.95*
Intel Xeon E5410 @ 2.33GHz	1,883	1558	9.01	\$208.95*
Intel Xeon E5420 @ 2.50GHz	2,018	1484	32.05	\$62.95*
Intel Xeon E5430 @ 2.66GHz	2,240	1392	14.46	\$154.95*
Intel Xeon E5440 @ 2.83GHz	2,371	1343	62.41	\$37.99*
Intel Xeon E5450 @ 3.00GHz	2,500	1286	8.36	\$298.94*
Intel Xeon E5462 @ 2.80GHz	2,249	1388	82.40	\$27.30*
Intel Xeon E5472 @ 3.00GHz	2,313	1363	115.44	\$20.04*
Intel Xeon E5502 @ 1.87GHz	869	2202	9.15	\$95.00*
Intel Xeon E5503 @ 2.00GHz	835	2226	2.91	\$287.01*
Intel Xeon E5504 @ 2.00GHz	1,588	1705	22.70	\$69.95*
Intel Xeon E5506 @ 2.13GHz	1,812	1598	90.62	\$19.99*
Intel Xeon E5507 @ 2.27GHz	1,827	1589	4.00	\$456.91*
Intel Xeon E5520 @ 2.27GHz	2,516	1278	125.84	\$19.99
Intel Xeon E5530 @ 2.40GHz	2,687	1222	206.66	\$13.00*
Intel Xeon E5540 @ 2.53GHz	2,807	1179	47.57	\$59.00*
Intel Xeon E5603 @ 1.60GHz	2,398	1329	18.58	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3,200	1065	44.95	\$71.20*
Intel Xeon E5607 @ 2.27GHz	3,364	1015	48.61	\$69.21*
Intel Xeon E5620 @ 2.40GHz	4,141	880	102.85	\$40.26
Intel Xeon E5630 @ 2.53GHz	4,228	866	120.80	\$35.00*
Intel Xeon E5640 @ 2.67GHz	4,980	762	73.66	\$67.60*
Intel Xeon E5645 @ 2.40GHz	6,344	598	78.02	\$81.31*
Intel Xeon E5649 @ 2.53GHz	6,646	555	63.86	\$104.07*

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Intel Xeon E7320 @ 2.13GHz	1,525	1740	NA	NA
Intel Xeon E-2104G @ 3.20GHz	6,287	604	32.57	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	7,610	457	36.26	\$209.87
Intel Xeon E-2124G @ 3.40GHz	8,039	424	33.85	\$237.49
Intel Xeon E-2126G @ 3.30GHz	11,335	238	37.78	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	8,844	360	44.22	\$199.99
Intel Xeon E-2136 @ 3.30GHz	13,272	182	43.80	\$302.99
Intel Xeon E-2144G @ 3.60GHz	9,697	309	28.67	\$338.28*
Intel Xeon E-2146G @ 3.50GHz	12,838	194	31.56	\$406.81
Intel Xeon E-2174G @ 3.80GHz	10,021	296	25.37	\$394.99
Intel Xeon E-2176G @ 3.70GHz	13,606	173	34.62	\$392.99
Intel Xeon E-2176M @ 2.70GHz	11,659	232	25.91	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	12,909	191	26.08	\$495.05
Intel Xeon E-2186M @ 2.90GHz	11,738	228	18.84	\$623.00*
Intel Xeon E-2224 @ 3.40GHz	8,203	401	41.43	\$198.00*
Intel Xeon E-2224G @ 3.50GHz	8,057	422	36.96	\$218.00*
Intel Xeon E-2226G @ 3.40GHz	10,764	260	41.40	\$260.00*
Intel Xeon E-2236 @ 3.40GHz	12,771	197	44.19	\$289.00*
Intel Xeon E-2244G @ 3.80GHz	10,388	280	38.19	\$272.00*
Intel Xeon E-2246G @ 3.60GHz	13,840	168	44.50	\$311.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2254ML @ 1.70GHz	7,687	449	NA	NA
Intel Xeon E-2274G @ 4.00GHz	10,163	292	30.43	\$334.00*
Intel Xeon E-2276G @ 3.80GHz	12,148	212	33.56	\$362.00*
Intel Xeon E-2276M @ 2.80GHz	11,701	231	26.00	\$450.00*
Intel Xeon E-2278G @ 3.40GHz	14,362	157	29.07	\$494.00*
Intel Xeon E-2278GEL @ 2.00GHz	11,309	239	22.89	\$494.00*
Intel Xeon E-2286G @ 4.00GHz	13,661	172	30.36	\$450.00*
Intel Xeon E-2286M @ 2.40GHz	15,917	121	25.55	\$623.00*
Intel Xeon E-2288G @ 3.70GHz	15,950	119	29.59	\$539.00*
Intel Xeon Gold 5117 @ 2.00GHz	15,313	136	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	15,095	137	14.38	\$1,049.95*
Intel Xeon Gold 5120 @ 2.20GHz	16,449	110	10.54	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	16,666	108	9.65	\$1,727.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 5122 @ 3.60GHz	10,033	295	7.93	\$1,264.88
Intel Xeon Gold 5218 @ 2.30GHz	18,940	82	14.66	\$1,292.03
Intel Xeon Gold 6126 @ 2.60GHz	18,611	86	10.14	\$1,834.95*
Intel Xeon Gold 6128 @ 3.40GHz	13,819	170	8.03	\$1,719.99
Intel Xeon Gold 6130 @ 2.10GHz	18,041	94	10.17	\$1,774.71
Intel Xeon Gold 6132 @ 2.60GHz	21,957	65	10.12	\$2,169.95
Intel Xeon Gold 6134 @ 3.20GHz	16,240	113	7.17	\$2,264.56
Intel Xeon Gold 6136 @ 3.00GHz	19,318	78	7.28	\$2,654.82*
Intel Xeon Gold 6137 @ 3.90GHz	18,748	84	NA	NA
Intel Xeon Gold 6138 @ 2.00GHz	23,347	49	8.95	\$2,609.49
Intel Xeon Gold 6140 @ 2.30GHz	22,010	64	7.69	\$2,863.75
Intel Xeon Gold 6143 @ 2.80GHz	23,997	41	NA	NA
Intel Xeon Gold 6144 @ 3.50GHz	18,063	93	5.68	\$3,181.17*
Intel Xeon Gold 6146 @ 3.20GHz	22,282	61	4.83	\$4,608.95*
Intel Xeon Gold 6148 @ 2.40GHz	23,365	48	7.26	\$3,217.99
Intel Xeon Gold 6152 @ 2.10GHz	21,581	67	5.25	\$4,108.95*
Intel Xeon Gold 6154 @ 3.00GHz	25,461	38	6.96	\$3,659.82*
Intel Xeon Gold 6210U @ 2.50GHz	26,230	32	12.73	\$2,059.86*
Intel Xeon Gold 6212U @ 2.40GHz	26,558	29	13.28	\$2,000.00*
Intel Xeon Gold 6226 @ 2.70GHz	17,850	96	10.05	\$1,776.00*
Intel Xeon Gold 6230 @ 2.10GHz	22,556	58	10.90	\$2,069.95
Intel Xeon Gold 6242 @ 2.80GHz	23,248	50	8.53	\$2,723.99
Intel Xeon Gold 6246 @ 3.30GHz	23,635	45	6.55	\$3,609.00*
Intel Xeon Gold 6254 @ 3.10GHz	27,570	25	7.66	\$3,600.00
Intel Xeon L3110 @ 3.00GHz	1,394	1802	NA	NA
Intel Xeon L3360 @ 2.83GHz	2,273	1377	25.47	\$89.23*
Intel Xeon L3406 @ 2.27GHz	870	2200	3.14	\$277.01*
Intel Xeon L3426 @ 1.87GHz	2,379	1335	5.32	\$447.01*
Intel Xeon L5240 @ 3.00GHz	1,392	1806	44.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	1,438	1785	12.78	\$112.50*
Intel Xeon L5320 @ 1.86GHz	1,114	1998	15.92	\$69.99*
Intel Xeon L5335 @ 2.00GHz	1,742	1630	92.72	\$18.79*
Intel Xeon L5408 @ 2.13GHz	1,794	1607	NA	NA
Intel Xeon L5410 @ 2.33GHz	1,956	1517	19.55	\$100.08*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5420 @ 2.50GHz	2,063	1459	75.02	\$27.50*
Intel Xeon L5430 @ 2.66GHz	2,157	1422	13.65	\$157.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5520 @ 2.27GHz	2,551	1264	28.36	\$89.95*
Intel Xeon L5530 @ 2.40GHz	2,619	1244	135.97	\$19.26*
Intel Xeon L5609 @ 1.87GHz	3,298	1038	NA	NA
Intel Xeon L5630 @ 2.13GHz	4,118	883	196.19	\$20.99*
Intel Xeon L5638 @ 2.00GHz	5,232	734	74.85	\$69.90*
Intel Xeon L5639 @ 2.13GHz	5,477	695	NA	NA
Intel Xeon L5640 @ 2.27GHz	6,000	640	66.70	\$89.95*
Intel Xeon L7455 @ 2.13GHz	3,836	916	NA	NA
Intel Xeon MV 3.20GHz	684	2335	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	24,646	40	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6,381	589	NA	NA
Intel Xeon Platinum 8160 @ 2.10GHz	22,264	62	4.96	\$4,489.00*
Intel Xeon Platinum 8168 @ 2.70GHz	26,754	28	4.54	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	26,505	30	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	25,811	36	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	22,441	59	2.57	\$8,725.00*
Intel Xeon Platinum 8259CL @ 2.50GHz	25,621	37	NA	NA
Intel Xeon Platinum 8268 @ 2.90GHz	29,104	20	4.85	\$6,005.98*
Intel Xeon Silver 4108 @ 1.80GHz	9,460	325	21.50	\$439.99
Intel Xeon Silver 4109T @ 2.00GHz	10,019	297	20.00	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	10,730	264	24.51	\$437.85
Intel Xeon Silver 4112 @ 2.60GHz	7,824	441	15.59	\$501.99
Intel Xeon Silver 4114 @ 2.20GHz	13,200	187	19.60	\$673.49
Intel Xeon Silver 4116 @ 2.10GHz	14,314	158	13.72	\$1,043.47
Intel Xeon Silver 4123 @ 3.00GHz	13,947	166	NA	NA
Intel Xeon Silver 4208 @ 2.10GHz	12,047	219	22.35	\$539.00
Intel Xeon Silver 4210 @ 2.20GHz	14,601	150	25.69	\$568.26
Intel Xeon Silver 4214 @ 2.20GHz	16,103	117	19.86	\$810.98*
Intel Xeon Silver 4215 @ 2.50GHz	13,960	165	14.59	\$956.57*
Intel Xeon Silver 4216 @ 2.10GHz	17,945	95	16.69	\$1,075.00
Intel Xeon W3503 @ 2.40GHz	1,052	2044	105.27	\$9.99*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W3505 @ 2.53GHz	1,136	1977	45.68	\$24.86*
Intel Xeon W3520 @ 2.67GHz	2,913	1152	60.68	\$48.00*
Intel Xeon W3530 @ 2.80GHz	3,092	1099	10.52	\$293.95*
Intel Xeon W3540 @ 2.93GHz	3,191	1068	160.20	\$19.92*
Intel Xeon W3550 @ 3.07GHz	3,286	1039	109.55	\$29.99*
Intel Xeon W3565 @ 3.20GHz	3,319	1030	150.94	\$21.99*
Intel Xeon W3570 @ 3.20GHz	3,486	983	7.26	\$479.95*
Intel Xeon W3580 @ 3.33GHz	3,620	961	16.88	\$214.50*
Intel Xeon W3670 @ 3.20GHz	7,798	444	15.60	\$499.99*
Intel Xeon W3680 @ 3.33GHz	8,418	385	85.91	\$97.99*
Intel Xeon W3690 @ 3.47GHz	7,588	459	56.21	\$134.99*
Intel Xeon W5580 @ 3.20GHz	3,583	968	51.94	\$68.99*
Intel Xeon W5590 @ 3.33GHz	3,664	950	44.15	\$82.99*
Intel Xeon W-2102 @ 2.90GHz	6,408	587	22.33	\$286.99*
Intel Xeon W-2104 @ 3.20GHz	6,813	535	26.72	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	8,911	355	28.11	\$316.99
Intel Xeon W-2125 @ 4.00GHz	10,660	269	22.44	\$475.12
Intel Xeon W-2133 @ 3.60GHz	12,866	193	20.85	\$617.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2135 @ 3.70GHz	14,884	143	16.42	\$906.27
Intel Xeon W-2140B @ 3.20GHz	17,101	106	NA	NA
Intel Xeon W-2145 @ 3.70GHz	18,522	88	15.27	\$1,212.69*
Intel Xeon W-2150B @ 3.00GHz	19,685	75	NA	NA
Intel Xeon W-2155 @ 3.30GHz	20,338	72	13.29	\$1,530.39*
Intel Xeon W-2170B @ 2.50GHz	22,558	57	NA	NA
Intel Xeon W-2175 @ 2.50GHz	22,583	56	10.72	\$2,106.22*
Intel Xeon W-2195 @ 2.30GHz	22,739	55	7.71	\$2,950.44*
Intel Xeon W-2225 @ 4.10GHz	14,935	142	NA	NA
Intel Xeon W-3175X @ 3.10GHz	30,802	18	10.04	\$3,067.42
Intel Xeon W-3235 @ 3.30GHz	23,658	44	15.65	\$1,511.69*
Intel Xeon W-3265 @ 2.70GHz	29,106	19	6.39	\$4,551.37*
Intel Xeon W-3275M @ 2.50GHz	31,812	15	4.27	\$7,453.00*
Intel Xeon X3210 @ 2.13GHz	1,660	1661	8.94	\$185.71*
Intel Xeon X3220 @ 2.40GHz	1,888	1556	29.97	\$63.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3230 @ 2.66GHz	2,066	1455	28.89	\$71.50*
Intel Xeon X3320 @ 2.50GHz	1,840	1585	8.02	\$229.50*
Intel Xeon X3323 @ 2.50GHz	1,913	1539	98.79	\$19.36*
Intel Xeon X3330 @ 2.66GHz	2,022	1481	9.63	\$210.00*
Intel Xeon X3350 @ 2.66GHz	2,185	1405	36.42	\$59.99*
Intel Xeon X3353 @ 2.66GHz	2,257	1386	30.71	\$73.50*
Intel Xeon X3360 @ 2.83GHz	1,963	1513	12.43	\$157.95*
Intel Xeon X3363 @ 2.83GHz	2,324	1359	68.17	\$34.09*
Intel Xeon X3370 @ 3.00GHz	2,445	1308	61.12	\$40.00*
Intel Xeon X3380 @ 3.16GHz	2,404	1326	4.71	\$509.95*
Intel Xeon X3430 @ 2.40GHz	2,319	1361	72.48	\$31.99*
Intel Xeon X3440 @ 2.53GHz	2,705	1214	93.30	\$28.99*
Intel Xeon X3450 @ 2.67GHz	2,624	1238	93.76	\$27.99*
Intel Xeon X3460 @ 2.80GHz	2,944	1141	8.25	\$357.00*
Intel Xeon X3470 @ 2.93GHz	3,266	1045	57.31	\$56.99*
Intel Xeon X3480 @ 3.07GHz	3,355	1018	NA	NA
Intel Xeon X5260 @ 3.33GHz	1,420	1792	26.30	\$54.00*
Intel Xeon X5270 @ 3.50GHz	1,587	1706	NA	NA
Intel Xeon X5272 @ 3.40GHz	1,487	1761	10.62	\$140.00*
Intel Xeon X5355 @ 2.66GHz	1,933	1530	6.24	\$309.95*
Intel Xeon X5365 @ 3.00GHz	2,282	1374	28.89	\$78.99
Intel Xeon X5450 @ 3.00GHz	2,540	1267	50.84	\$49.96*
Intel Xeon X5460 @ 3.16GHz	2,619	1242	26.25	\$99.78*
Intel Xeon X5470 @ 3.33GHz	2,656	1227	14.05	\$189.00*
Intel Xeon X5472 @ 3.00GHz	2,398	1328	10.66	\$225.00*
Intel Xeon X5482 @ 3.20GHz	2,673	1223	26.73	\$99.99*
Intel Xeon X5492 @ 3.40GHz	2,817	1174	2.02	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	3,060	1108	10.04	\$304.85*
Intel Xeon X5560 @ 2.80GHz	3,201	1064	213.55	\$14.99*
Intel Xeon X5570 @ 2.93GHz	3,312	1033	13.80	\$239.95*
Intel Xeon X5647 @ 2.93GHz	5,605	684	281.23	\$19.93*
Intel Xeon X5650 @ 2.67GHz	6,127	627	408.76	\$14.99
Intel Xeon X5660 @ 2.80GHz	7,256	490	329.97	\$21.99
Intel Xeon X5667 @ 3.07GHz	6,148	620	263.50	\$23.33*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon X5670 @ 2.93GHz</u>	6,814	534	<u>292.71</u>	<u>\$23.28</u>
<u>Intel Xeon X5672 @ 3.20GHz</u>	6,375	593	<u>141.69</u>	<u>\$44.99*</u>
<u>Intel Xeon X5675 @ 3.07GHz</u>	6,382	588	<u>177.86</u>	<u>\$35.88</u>
<u>Intel Xeon X5677 @ 3.47GHz</u>	6,474	578	<u>400.64</u>	<u>\$16.16*</u>
<u>Intel Xeon X5679 @ 3.20GHz</u>	8,959	353	NA	NA
<u>Intel Xeon X5680 @ 3.33GHz</u>	7,632	455	<u>128.72</u>	<u>\$59.29</u>
<u>Intel Xeon X5687 @ 3.60GHz</u>	5,985	645	<u>123.41</u>	<u>\$48.50</u>
<u>Intel Xeon X5690 @ 3.47GHz</u>	7,674	451	<u>66.15</u>	<u>\$116.00</u>
<u>Intel Xeon X5698 @ 4.40GHz</u>	4,272	856	NA	NA
<u>Intel Xeon X6550 @ 2.00GHz</u>	2,978	1133	NA	NA
<u>Mobile AMD Athlon 4 2400+</u>	359	2628	NA	NA
<u>Mobile AMD Athlon 64 3200+</u>	501	2484	NA	NA
<u>Mobile AMD Athlon 64 3400+</u>	512	2476	NA	NA
<u>Mobile AMD Athlon 64 3700+</u>	548	2447	NA	NA
<u>Mobile AMD Athlon 64 4000+</u>	481	2507	NA	NA
<u>Mobile AMD Athlon 2500+</u>	370	2613	NA	NA
<u>Mobile AMD Athlon MP-M 1800+</u>	265	2722	NA	NA
<u>Mobile AMD Athlon MP-M 2400+</u>	295	2693	NA	NA
<u>Mobile AMD Athlon XP-M 1600+</u>	260	2728	NA	NA
<u>Mobile AMD Athlon XP-M 1800+</u>	297	2688	NA	NA
<u>Mobile AMD Athlon XP-M 2000+</u>	301	2682	NA	NA
<u>Mobile AMD Athlon XP-M 2200+</u>	365	2622	NA	NA
<u>Mobile AMD Athlon XP-M 2400+</u>	346	2640	NA	NA
<u>Mobile AMD Athlon XP-M 2500+</u>	347	2639	NA	NA
<u>Mobile AMD Athlon XP-M 2600+</u>	371	2612	NA	NA
<u>Mobile AMD Athlon XP-M 2800+</u>	365	2619	NA	NA
<u>Mobile AMD Athlon XP-M 3000+</u>	366	2618	NA	NA
<u>Mobile AMD Sempron 2100+</u>	252	2738	NA	NA
<u>Mobile AMD Sempron 2600+</u>	394	2591	NA	NA
<u>Mobile AMD Sempron 2800+</u>	364	2623	NA	NA
<u>Mobile AMD Sempron 3000+</u>	414	2571	NA	NA
<u>Mobile AMD Sempron 3100+</u>	426	2561	NA	NA
<u>Mobile AMD Sempron 3200+</u>	355	2635	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Mobile AMD Sempron 3300+</u>	452	2529	NA	NA
<u>Mobile AMD Sempron 3400+</u>	465	2519	NA	NA
<u>Mobile AMD Sempron 3500+</u>	458	2524	NA	NA
<u>Mobile AMD Sempron 3600+</u>	437	2547	NA	NA
<u>Mobile AMD Sempron 3800+</u>	486	2501	NA	NA
<u>Mobile Intel Celeron 1.70GHz</u>	181	2800	NA	NA
<u>Mobile Intel Celeron 1.80GHz</u>	186	2795	NA	NA
<u>Mobile Intel Celeron 2.00GHz</u>	204	2785	NA	NA
<u>Mobile Intel Celeron 2.20GHz</u>	226	2767	NA	NA
<u>Mobile Intel Celeron 2.40GHz</u>	236	2759	NA	NA
<u>Mobile Intel Celeron 1333MHz</u>	281	2705	NA	NA
<u>Mobile Intel Pentium 4 2.66GHz</u>	280	2708	NA	NA
<u>Mobile Intel Pentium 4 2.80GHz</u>	315	2666	NA	NA
<u>Mobile Intel Pentium 4 3.06GHz</u>	338	2646	NA	NA
<u>Mobile Intel Pentium 4 3.20GHz</u>	357	2631	NA	NA
<u>Mobile Intel Pentium 4 3.33GHz</u>	364	2624	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Mobile Intel Pentium 4 - M 1.70GHz</u>	186	2794	1.21	\$154.00
<u>Mobile Intel Pentium 4 - M 1.80GHz</u>	184	2796	NA	NA
<u>Mobile Intel Pentium 4 - M 2.00GHz</u>	212	2780	NA	NA
<u>Mobile Intel Pentium 4 - M 2.20GHz</u>	220	2773	NA	NA
<u>Mobile Intel Pentium 4 - M 2.40GHz</u>	214	2777	NA	NA
<u>Mobile Intel Pentium III - M 933MHz</u>	200	2789	NA	NA
<u>Mobile Intel Pentium III - M 1200MHz</u>	224	2768	NA	NA
<u>Pentium Dual-Core E6000 @ 3.46GHz</u>	1,533	1739	NA	NA
<u>Quad-Core AMD Opteron 1385</u>	1,971	1508	36.50	\$54.00*
<u>Quad-Core AMD Opteron 1389</u>	2,159	1418	NA	NA
<u>Six-Core AMD Opteron 2419 EE</u>	2,926	1149	NA	NA
<u>VIA C7-D 1800MHz</u>	231	2763	NA	NA
<u>VIA C7-M 1200MHz</u>	173	2809	NA	NA
<u>VIA C7-M 1600MHz</u>	178	2802	NA	NA
<u>VIA C7-M 6300MHz</u>	223	2770	NA	NA
<u>VIA Eden 1000MHz</u>	124	2826	NA	NA
<u>VIA Eden 1200MHz</u>	142	2820	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>VIA Eden C1050@1.06GHz</u>	223	2771	NA	NA
<u>VIA Eden X2 U4200 @ 1.0+ GHz</u>	351	2637	NA	NA
<u>VIA Eden X4 C4250 @ 1.2+GHz</u>	798	2254	NA	NA
<u>VIA Esther 1000MHz</u>	147	2819	NA	NA
<u>VIA Esther 1500MHz</u>	208	2783	NA	NA
<u>VIA Nano L2007@1600MHz</u>	247	2742	NA	NA
<u>VIA Nano L2100@1800MHz</u>	271	2719	NA	NA
<u>VIA Nano L2207 @1600MHz</u>	160	2812	NA	NA
<u>VIA Nano U2250 (1.6GHz Capable)</u>	263	2725	NA	NA
<u>VIA Nano U2250@1300+MHz</u>	174	2808	NA	NA
<u>VIA Nano U2500@1200MHz</u>	193	2790	NA	NA
<u>VIA Nano U3500@1000MHz</u>	172	2810	NA	NA
<u>VIA Nano X2 U4025 @ 1.2 GHz</u>	383	2601	NA	NA
<u>VIA Nehemiah</u>	155	2814	NA	NA
<u>VIA QuadCore C4650@2.0GHz</u>	1,119	1993	NA	NA
<u>VIA QuadCore L4700 @ 1.2+ GHz</u>	862	2206	NA	NA
<u>VIA QuadCore U4650 @ 1.0+ GHz</u>	742	2290	NA	NA
<u>ZHAOXIN KaiXian KX-U6780A@2.7GHz</u>	5,761	666	NA	NA
<u>ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz</u>	1,308	1850	NA	NA

* - Last price seen from our affiliates.

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