

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

	Single CPU Systems	Multi CPU Systems																																																																																										
Home CPUS	<h3>Single CPU Systems</h3>																																																																																											
High End High Mid Range Low Mid Range Low End	<table border="1"> <thead> <tr> <th>CPU Name</th> <th>Passmark CPU Mark (higher is better)</th> <th>Rank (lower is better)</th> <th>CPU Value (higher is better)</th> <th>Price (USD)</th> </tr> </thead> <tbody> <tr><td>AMD A4 Micro-6400T APU</td><td>1,085</td><td>1995</td><td>NA</td><td>NA</td></tr> <tr><td>AMD A4 PRO-3340B</td><td>1,839</td><td>1580</td><td>NA</td><td>NA</td></tr> <tr><td>AMD A4 PRO-7300B APU</td><td>1,639</td><td>1665</td><td>NA</td><td>NA</td></tr> <tr><td>AMD A4 PRO-7350B</td><td>1,559</td><td>1720</td><td>NA</td><td>NA</td></tr> <tr><td>AMD A4-1200 APU</td><td>411</td><td>2486</td><td>NA</td><td>NA</td></tr> <tr><td>AMD A4-1250 APU</td><td>407</td><td>2489</td><td>NA</td><td>NA</td></tr> <tr><td>AMD A4-3300 APU</td><td>978</td><td>2068</td><td>82.99</td><td>\$11.79</td></tr> <tr><td>AMD A4-3300M APU</td><td>771</td><td>2224</td><td>25.69</td><td>\$29.99*</td></tr> <tr><td>AMD A4-3305M APU</td><td>783</td><td>2212</td><td>37.61</td><td>\$20.81</td></tr> <tr><td>AMD A4-3310MX APU</td><td>843</td><td>2162</td><td>NA</td><td>NA</td></tr> <tr><td>AMD A4-3320M APU</td><td>808</td><td>2198</td><td>27.97</td><td>\$28.90</td></tr> <tr><td>AMD A4-3330MX APU</td><td>792</td><td>2205</td><td>NA</td><td>NA</td></tr> <tr><td>AMD A4-3400 APU</td><td>1,016</td><td>2046</td><td>79.47</td><td>\$12.79</td></tr> <tr><td>AMD A4-3420 APU</td><td>1,105</td><td>1981</td><td>NA</td><td>NA</td></tr> <tr><td>AMD A4-4000 APU</td><td>1,186</td><td>1930</td><td>33.91</td><td>\$34.98</td></tr> <tr><td>AMD A4-4020 APU</td><td>1,336</td><td>1837</td><td>18.31</td><td>\$73.00</td></tr> <tr><td>AMD A4-4300M APU</td><td>1,051</td><td>2023</td><td>35.18</td><td>\$29.86</td></tr> </tbody> </table>	CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)	AMD A4 Micro-6400T APU	1,085	1995	NA	NA	AMD A4 PRO-3340B	1,839	1580	NA	NA	AMD A4 PRO-7300B APU	1,639	1665	NA	NA	AMD A4 PRO-7350B	1,559	1720	NA	NA	AMD A4-1200 APU	411	2486	NA	NA	AMD A4-1250 APU	407	2489	NA	NA	AMD A4-3300 APU	978	2068	82.99	\$11.79	AMD A4-3300M APU	771	2224	25.69	\$29.99*	AMD A4-3305M APU	783	2212	37.61	\$20.81	AMD A4-3310MX APU	843	2162	NA	NA	AMD A4-3320M APU	808	2198	27.97	\$28.90	AMD A4-3330MX APU	792	2205	NA	NA	AMD A4-3400 APU	1,016	2046	79.47	\$12.79	AMD A4-3420 APU	1,105	1981	NA	NA	AMD A4-4000 APU	1,186	1930	33.91	\$34.98	AMD A4-4020 APU	1,336	1837	18.31	\$73.00	AMD A4-4300M APU	1,051	2023	35.18	\$29.86	
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Most
Benchmarked

CPU Benchmarks

Market Share

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	1,249	1887	NA	NA
AMD A4-5050 APU	1,912	1541	NA	NA
AMD A4-5100 APU	1,648	1664	NA	NA
AMD A4-5150M APU	1,212	1913	NA	NA
AMD A4-5300 APU	1,130	1964	39.02	\$28.95
AMD A4-5300B APU	1,138	1955	37.94	\$29.99
AMD A4-6210 APU	1,520	1736	NA	NA
AMD A4-6250J APU	1,777	1608	NA	NA
AMD A4-6300 APU	1,480	1756	52.98	\$27.94
AMD A4-6300B APU	1,403	1801	14.03	\$100.00*
AMD A4-6320 APU	1,631	1671	23.30	\$69.99*
AMD A4-7210 APU	2,020	1489	NA	NA
AMD A4-7300 APU	1,621	1677	64.96	\$24.96
AMD A4-9120	1,761	1613	NA	NA
AMD A4-9120C	1,539	1726	NA	NA
AMD A4-9125	1,407	1798	NA	NA
AMD A6 Micro-6500T APU	1,468	1764	NA	NA
AMD A6 PRO-7050B APU	1,131	1961	NA	NA
AMD A6 PRO-7400B	1,835	1581	NA	NA
AMD A6-1450 APU	999	2054	NA	NA
AMD A6-3400M APU	1,227	1905	40.95	\$29.97*
AMD A6-3410MX APU	1,334	1840	334.23	\$3.99*
AMD A6-3420M APU	1,356	1818	NA	NA
AMD A6-3430MX APU	1,430	1783	NA	NA
AMD A6-3500 APU	1,319	1848	88.20	\$14.95
AMD A6-3600 APU	1,759	1614	70.52	\$24.95
AMD A6-3620 APU	1,815	1589	79.08	\$22.95
AMD A6-3650 APU	2,041	1474	114.03	\$17.90
AMD A6-3670 APU	2,172	1422	3.56	\$610.00*
AMD A6-4400M APU	1,068	2007	42.76	\$24.99
AMD A6-4455M APU	837	2170	NA	NA
AMD A6-5200 APU	1,703	1635	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
<u>AMD A6-5350M APU</u>	1,241	1893	<u>37.48</u>	<u>\$33.12</u>
<u>AMD A6-5357M APU</u>	1,275	1870	NA	NA
<u>AMD A6-5400B APU</u>	1,458	1768	<u>50.36</u>	<u>\$28.95</u>
<u>AMD A6-5400K APU</u>	1,422	1789	<u>61.92</u>	<u>\$22.96</u>
<u>AMD A6-6310 APU</u>	1,487	1752	NA	NA
<u>AMD A6-6400B APU</u>	1,483	1755	NA	NA
<u>AMD A6-6400K APU</u>	1,304	1856	<u>21.75</u>	<u>\$59.95</u>
<u>AMD A6-6420B APU</u>	1,829	1585	NA	NA
<u>AMD A6-6420K APU</u>	1,661	1657	<u>11.08</u>	<u>\$149.99*</u>
<u>AMD A6-7000</u>	1,334	1838	NA	NA
<u>AMD A6-7310 APU</u>	1,865	1563	NA	NA
<u>AMD A6-7400K APU</u>	1,672	1652	<u>18.60</u>	<u>\$89.86</u>
<u>AMD A6-7470K</u>	2,329	1361	<u>21.06</u>	<u>\$110.56</u>
<u>AMD A6-7480</u>	2,567	1275	<u>58.36</u>	<u>\$43.99*</u>
<u>AMD A6-8500P</u>	1,872	1560	NA	NA
<u>AMD A6-8550</u>	2,426	1320	NA	NA
<u>AMD A6-9200</u>	1,675	1648	NA	NA
<u>AMD A6-9210</u>	1,492	1748	NA	NA
<u>AMD A6-9220</u>	1,941	1525	NA	NA
<u>AMD A6-9220C</u>	1,962	1513	NA	NA
<u>AMD A6-9220e</u>	1,507	1742	NA	NA
<u>AMD A6-9225</u>	1,414	1794	NA	NA
<u>AMD A6-9230</u>	1,893	1548	NA	NA
<u>AMD A6-9400</u>	2,717	1208	NA	NA
<u>AMD A6-9500</u>	2,583	1269	<u>52.54</u>	<u>\$49.15</u>
<u>AMD A6-9500E</u>	2,745	1200	<u>43.99</u>	<u>\$62.40</u>
<u>AMD A8 PRO-7150B APU</u>	1,858	1567	NA	NA
<u>AMD A8 PRO-7600B APU</u>	3,318	1062	NA	NA
<u>AMD A8-3500M APU</u>	1,296	1861	<u>21.61</u>	<u>\$59.95</u>
<u>AMD A8-3510MX APU</u>	1,567	1711	<u>20.32</u>	<u>\$77.11</u>
<u>AMD A8-3520M APU</u>	1,410	1796	NA	NA
<u>AMD A8-3530MX APU</u>	1,532	1728	NA	NA
<u>AMD A8-3550MX APU</u>	1,697	1637	NA	NA
<u>AMD A8-3800 APU</u>	1,953	1519	<u>16.28</u>	<u>\$119.95*</u>

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AMD A8-3850 APU	2,247	1396	55.62	\$40.40
AMD A8-3870K APU	2,340	1356	55.70	\$42.00
AMD A8-4500M APU	1,733	1623	NA	NA
AMD A8-4555M APU	1,420	1790	NA	NA
AMD A8-5500 APU	2,600	1259	43.57	\$59.68
AMD A8-5500B APU	2,628	1242	47.83	\$54.95
AMD A8-5545M APU	1,811	1592	NA	NA
AMD A8-5550M APU	1,910	1542	NA	NA
AMD A8-5557M APU	1,921	1536	NA	NA
AMD A8-5600K APU	2,896	1166	70.81	\$40.90
AMD A8-6410 APU	1,804	1595	NA	NA
AMD A8-6500 APU	2,859	1179	52.03	\$54.95
AMD A8-6500B APU	3,230	1077	64.62	\$49.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-6500T APU	2,294	1374	38.26	\$59.95
AMD A8-6600K APU	3,151	1100	48.51	\$64.95
AMD A8-7050	1,459	1767	NA	NA
AMD A8-7100 APU	1,959	1515	NA	NA
AMD A8-7200P	2,659	1231	NA	NA
AMD A8-7410 APU	1,993	1504	NA	NA
AMD A8-7500	5,755	661	NA	NA
AMD A8-7600 APU	3,393	1044	34.32	\$98.86
AMD A8-7650K	3,329	1059	28.01	\$118.86
AMD A8-7670K	4,072	907	27.15	\$149.95
AMD A8-7680	5,088	758	84.81	\$59.99*
AMD A8-8600P	2,599	1260	NA	NA
AMD A8-8650	4,373	860	NA	NA
AMD A8-9600	4,007	920	64.40	\$62.22
AMD A9-9400	1,964	1511	NA	NA
AMD A9-9410	1,820	1587	NA	NA
AMD A9-9420	1,770	1610	NA	NA
AMD A9-9420e	1,678	1646	NA	NA
AMD A9-9425	1,880	1555	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10 Micro-6700T APU	1,577	1702	NA	NA
AMD A10 PRO-7350B APU	2,207	1404	NA	NA
AMD A10 PRO-7800B APU	3,439	1031	NA	NA
AMD A10 PRO-7850B APU	3,766	965	NA	NA
AMD A10-4600M APU	2,079	1456	20.80	\$99.95*
AMD A10-4655M APU	1,695	1639	NA	NA
AMD A10-4657M APU	1,889	1550	NA	NA
AMD A10-5700 APU	2,738	1204	34.37	\$79.68
AMD A10-5745M APU	1,799	1596	NA	NA
AMD A10-5750M APU	2,174	1421	41.01	\$53.00
AMD A10-5757M APU	2,006	1497	NA	NA
AMD A10-5800B APU	3,023	1123	50.43	\$59.95
AMD A10-5800K APU	2,865	1177	44.11	\$64.95
AMD A10-6700 APU	3,164	1094	45.23	\$69.96
AMD A10-6700T APU	2,598	1261	17.60	\$147.61*
AMD A10-6790K APU	3,067	1116	36.11	\$84.95
AMD A10-6800B APU	3,135	1104	NA	NA
AMD A10-6800K APU	3,160	1097	31.61	\$99.99
AMD A10-7300 APU	1,666	1654	NA	NA
AMD A10-7400P	2,527	1289	NA	NA
AMD A10-7700K APU	3,311	1063	25.73	\$128.68
AMD A10-7800 APU	3,485	1017	40.79	\$85.42*
AMD A10-7850K APU	3,516	1003	27.05	\$129.95
AMD A10-7860K	3,722	971	27.71	\$134.32
AMD A10-7870K	3,921	935	17.27	\$226.99*
AMD A10-7890K	4,064	909	20.32	\$199.99*
AMD A10-8700P	2,308	1368	NA	NA
AMD A10-8750	3,691	976	NA	NA
AMD A10-8850	4,764	787	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9600P	3,193	1087	NA	NA
AMD A10-9620P	3,302	1066	NA	NA
AMD A10-9630P	3,771	961	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
AMD A10-9700E	4,255	881	27.61	\$154.10*
AMD A12-9700P	2,707	1213	NA	NA
AMD A12-9720P	3,167	1092	NA	NA
AMD A12-9730P	3,976	925	NA	NA
AMD A12-9800	4,741	792	34.30	\$138.24
AMD A12-9800E	4,528	828	29.36	\$154.20
AMD Athlon64 X2 Dual Core 4600+	721	2265	NA	NA
AMD Athlon 64 2000+	115	2805	NA	NA
AMD Athlon 64 2600+	243	2642	NA	NA
AMD Athlon 64 2800+	285	2593	2.85	\$99.99*
AMD Athlon 64 3000+	302	2571	19.61	\$15.38
AMD Athlon 64 3100+	484	2441	NA	NA
AMD Athlon 64 3200+	322	2549	2.14	\$149.95*
AMD Athlon 64 3300+	375	2512	NA	NA
AMD Athlon 64 3400+	354	2522	NA	NA
AMD Athlon 64 3500+	352	2527	18.53	\$18.99
AMD Athlon 64 3700+	389	2504	5.64	\$69.00*
AMD Athlon 64 3800+	383	2508	19.19	\$19.95*
AMD Athlon 64 4000+	396	2498	26.29	\$15.05
AMD Athlon 64 FX-55	469	2450	2.61	\$179.95*
AMD Athlon 64 FX-57	482	2445	NA	NA
AMD Athlon 64 FX-59	465	2454	NA	NA
AMD Athlon 64 FX-60 Dual Core	833	2175	NA	NA
AMD Athlon 64 FX-62 Dual Core	1,023	2039	NA	NA
AMD Athlon 64 FX-74	972	2074	1.95	\$499.50*
AMD Athlon 64 X2 3800+	623	2355	NA	NA
AMD Athlon 64 X2 Dual Core 3400+	646	2335	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	626	2351	12.52	\$50.00
AMD Athlon 64 X2 Dual Core 3800+	650	2329	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	679	2299	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	713	2272	3.66	\$194.95
AMD Athlon 64 X2 Dual Core 4400+	745	2244	14.94	\$49.86
AMD Athlon 64 X2 Dual Core 4600+	794	2204	2.21	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	814	2195	33.93	\$23.99

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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 5200+	867	2143	14.44	\$60.00*
AMD Athlon 64 X2 Dual Core 5400+	939	2093	17.73	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	949	2085	57.58	\$16.49
AMD Athlon 64 X2 Dual Core 5800+	987	2063	39.50	\$24.99*
AMD Athlon 64 X2 Dual Core 6000+	1,042	2027	34.88	\$29.86
AMD Athlon 64 X2 Dual Core 6400+	1,161	1941	33.23	\$34.95
AMD Athlon 64 X2 Dual Core BE-2300	704	2282	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	679	2300	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	546	2406	18.21	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	545	2407	9.45	\$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	571	2385	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	537	2412	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	566	2387	7.78	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	601	2371	NA	NA
AMD Athlon 64 X2 QL-60	601	2372	NA	NA
AMD Athlon 64 X2 QL-62	653	2325	NA	NA
AMD Athlon 64 X2 QL-64	676	2302	NA	NA
AMD Athlon 64 X2 QL-65	684	2297	NA	NA
AMD Athlon 64 X2 QL-66	616	2359	NA	NA
AMD Athlon 64 X2 QL-67	654	2324	NA	NA
AMD Athlon 200GE	4,482	841	57.56	\$77.86*
AMD Athlon 220GE	5,209	738	82.53	\$63.12
AMD Athlon 240GE	5,162	748	67.94	\$75.98
AMD Athlon 300GE	5,517	690	NA	NA
AMD Athlon 300U	4,384	858	NA	NA
AMD Athlon 1500+	191	2721	NA	NA
AMD Athlon 1640B	436	2473	8.72	\$50.00*
AMD Athlon 2650e	265	2617	13.95	\$19.00*
AMD Athlon 2800+	291	2585	3.64	\$79.99
AMD Athlon 2850e	333	2541	NA	NA
AMD Athlon 3000G	4,796	784	87.21	\$54.99*
AMD Athlon 5000 Dual-Core	843	2161	58.38	\$14.44

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 5200 Dual-Core	823	2187	68.89	\$11.95
AMD Athlon 5350 APU	1,853	1570	35.07	\$52.84
AMD Athlon 5370 APU	2,471	1309	4.13	\$598.68
AMD Athlon 7450 Dual-Core	837	2169	NA	NA
AMD Athlon 7550 Dual-Core	958	2081	19.16	\$50.00*
AMD Athlon 7750 Dual-Core	1,020	2041	6.67	\$152.99*
AMD Athlon 7850 Dual-Core	1,113	1975	80.65	\$13.80
AMD Athlon Dual Core 4050e	706	2277	NA	NA
AMD Athlon Dual Core 4450B	761	2233	24.55	\$31.00*
AMD Athlon Dual Core 4450e	722	2261	49.88	\$14.48*
AMD Athlon Dual Core 4850B	904	2113	NA	NA
AMD Athlon Dual Core 4850e	853	2153	21.86	\$39.00*
AMD Athlon Dual Core 5000B	852	2156	8.97	\$95.00*
AMD Athlon Dual Core 5050e	877	2134	14.61	\$60.00*
AMD Athlon Dual Core 5200B	865	2146	NA	NA
AMD Athlon Dual Core 5400B	923	2103	NA	NA
AMD Athlon Dual Core 5600B	848	2158	NA	NA
AMD Athlon II 160u	366	2518	12.21	\$29.99*
AMD Athlon II 170u	408	2488	22.67	\$17.99*
AMD Athlon II Dual-Core M300	723	2259	NA	NA
AMD Athlon II Dual-Core M320	742	2248	24.73	\$30.00*
AMD Athlon II Dual-Core M340	687	2293	NA	NA
AMD Athlon II N330 Dual-Core	750	2241	NA	NA
AMD Athlon II N350 Dual-Core	812	2196	NA	NA
AMD Athlon II N370 Dual-Core	1,014	2048	NA	NA
AMD Athlon II Neo K125	309	2563	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	342	2533	NA	NA
AMD Athlon II Neo K325 Dual-Core	504	2430	19.40	\$25.99*
AMD Athlon II Neo K345 Dual-Core	557	2396	NA	NA
AMD Athlon II Neo N36L Dual-Core	517	2425	NA	NA
AMD Athlon II P320 Dual-Core	790	2207	26.37	\$29.95*
AMD Athlon II P340 Dual-Core	814	2193	16.31	\$49.95*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
AMD Athlon II X2 210e	1,036	2034	NA	NA
AMD Athlon II X2 215	1,019	2044	84.95	\$11.99*
AMD Athlon II X2 220	1,085	1999	54.25	\$19.99*
AMD Athlon II X2 235e	1,078	2004	5.93	\$181.88*
AMD Athlon II X2 240	962	2080	38.55	\$24.95
AMD Athlon II X2 240e	1,004	2053	28.71	\$34.95*
AMD Athlon II X2 245	1,080	2003	30.89	\$34.95*
AMD Athlon II X2 245e	1,114	1973	13.35	\$83.45*
AMD Athlon II X2 250	1,127	1966	38.92	\$28.95
AMD Athlon II X2 250e	1,261	1878	16.43	\$76.73*
AMD Athlon II X2 250u	653	2326	56.97	\$11.46
AMD Athlon II X2 255	1,197	1923	109.84	\$10.90
AMD Athlon II X2 260	1,222	1909	61.15	\$19.99*
AMD Athlon II X2 260u	720	2266	8.63	\$83.44*
AMD Athlon II X2 265	1,240	1895	14.96	\$82.88*
AMD Athlon II X2 270	1,284	1866	80.25	\$16.00*
AMD Athlon II X2 270u	835	2172	12.35	\$67.67*
AMD Athlon II X2 280	1,387	1807	42.14	\$32.90
AMD Athlon II X2 4300e	964	2078	NA	NA
AMD Athlon II X2 4400e	1,061	2014	NA	NA
AMD Athlon II X2 4450e	978	2069	NA	NA
AMD Athlon II X2 B22	1,119	1970	26.84	\$41.69*
AMD Athlon II X2 B24	1,162	1940	48.20	\$24.10
AMD Athlon II X2 B26	1,238	1897	27.53	\$44.95*
AMD Athlon II X2 B28	1,352	1823	27.57	\$49.05*
AMD Athlon II X3 400e	1,300	1858	12.11	\$107.43*
AMD Athlon II X3 405e	1,300	1860	16.25	\$79.99*
AMD Athlon II X3 415e	1,446	1777	19.28	\$75.00*
AMD Athlon II X3 420e	1,486	1753	12.79	\$116.15*
AMD Athlon II X3 425	1,497	1745	55.46	\$26.99*
AMD Athlon II X3 435	1,607	1687	53.58	\$29.99*
AMD Athlon II X3 440	1,665	1656	61.69	\$26.99*
AMD Athlon II X3 445	1,672	1651	120.28	\$13.90
AMD Athlon II X3 450	1,705	1634	118.41	\$14.40

 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 460	1,862	1565	47.75	\$38.99*
AMD Athlon II X4 553	2,479	1307	NA	NA
AMD Athlon II X4 555	2,490	1303	NA	NA
AMD Athlon II X4 559	2,680	1223	NA	NA
AMD Athlon II X4 600e	1,602	1690	12.30	\$130.23*
AMD Athlon II X4 605e	1,765	1611	17.34	\$101.80*
AMD Athlon II X4 610e	1,813	1590	25.91	\$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	1,885	1553	31.95	\$59.00*
AMD Athlon II X4 620	1,903	1547	34.64	\$54.95
AMD Athlon II X4 630	2,035	1479	128.00	\$15.90
AMD Athlon II X4 631 Quad-Core	2,043	1472	113.56	\$17.99
AMD Athlon II X4 635	2,101	1447	124.29	\$16.90
AMD Athlon II X4 638 Quad-Core	2,558	1279	96.58	\$26.49*
AMD Athlon II X4 640	2,266	1387	98.53	\$23.00
AMD Athlon II X4 641 Quad-Core	2,171	1423	108.57	\$20.00
AMD Athlon II X4 645	2,249	1395	90.31	\$24.90
AMD Athlon II X4 650	2,264	1391	13.59	\$166.60*
AMD Athlon II X4 651 Quad-Core	2,318	1365	105.36	\$22.00
AMD Athlon II X4 655	1,949	1521	NA	NA
AMD Athlon L110	197	2704	NA	NA
AMD Athlon LE-1600	363	2520	17.27	\$21.00*
AMD Athlon LE-1620	370	2515	20.57	\$18.00*
AMD Athlon LE-1640	409	2487	NA	NA
AMD Athlon LE-1660	441	2470	NA	NA
AMD Athlon Neo MV-40	267	2613	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	652	2328	NA	NA
AMD Athlon Neo X2 Dual Core L325	505	2429	NA	NA
AMD Athlon Neo X2 Dual Core L335	540	2409	NA	NA
AMD Athlon PRO 200GE	4,877	778	NA	NA
AMD Athlon PRO 300GE	5,554	683	NA	NA
AMD Athlon TF-20	269	2609	NA	NA
AMD Athlon TF-36	257	2626	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 X2 240	1,047	2026	NA	NA
AMD Athlon X2 240e	1,086	1994	NA	NA
AMD Athlon X2 250	1,093	1987	NA	NA
AMD Athlon X2 255	1,058	2016	NA	NA
AMD Athlon X2 280	1,612	1684	48.14	\$33.49*
AMD Athlon X2 340 Dual Core	1,260	1879	25.21	\$49.99*
AMD Athlon X2 370K Dual Core	1,463	1765	NA	NA
AMD Athlon X2 Dual Core 3250e	511	2428	NA	NA
AMD Athlon X2 Dual Core 6850e	649	2330	NA	NA
AMD Athlon X2 Dual Core BE-2300	598	2375	NA	NA
AMD Athlon X2 Dual Core BE-2350	721	2263	NA	NA
AMD Athlon X2 Dual Core BE-2400	780	2216	NA	NA
AMD Athlon X2 Dual Core L310	421	2479	NA	NA
AMD Athlon X3 425	1,424	1786	NA	NA
AMD Athlon X3 435	1,673	1650	17.52	\$95.49*
AMD Athlon X3 440	1,351	1828	15.36	\$87.99*
AMD Athlon X3 455	1,561	1716	NA	NA
AMD Athlon X4 620	1,860	1566	28.64	\$64.95*
AMD Athlon X4 640	2,062	1465	NA	NA
AMD Athlon X4 740 Quad Core	2,622	1247	9.47	\$277.00*
AMD Athlon X4 750 Quad Core	3,521	1002	NA	NA
AMD Athlon X4 750K Quad Core	2,789	1193	36.23	\$76.99*
AMD Athlon X4 760K Quad Core	2,956	1145	70.42	\$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	4,467	842	NA	NA
AMD Athlon X4 840	3,552	995	45.11	\$78.74*
AMD Athlon X4 845	4,196	890	78.97	\$53.13*
AMD Athlon X4 860K	3,664	979	37.07	\$98.86
AMD Athlon X4 870K	4,507	835	56.35	\$79.99*
AMD Athlon X4 880K	4,732	795	47.33	\$99.99*
AMD Athlon X4 950	4,706	800	72.46	\$64.95
AMD Athlon XP1600+	183	2732	NA	NA
AMD Athlon XP2400+	243	2641	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
<u>AMD Athlon XP 1600+</u>	174	2744	NA	NA
<u>AMD Athlon XP 1700+</u>	176	2741	<u>2.88</u>	<u>\$61.25*</u>
<u>AMD Athlon XP 1800+</u>	195	2710	<u>3.31</u>	<u>\$58.95*</u>
<u>AMD Athlon XP 1900+</u>	203	2698	NA	NA
<u>AMD Athlon XP 2000+</u>	195	2711	<u>7.81</u>	<u>\$24.99*</u>
<u>AMD Athlon XP 2100+</u>	210	2685	NA	NA
<u>AMD Athlon XP 2200+</u>	214	2683	<u>2.52</u>	<u>\$84.95*</u>
<u>AMD Athlon XP 2400+</u>	234	2658	<u>2.61</u>	<u>\$89.99*</u>
<u>AMD Athlon XP 2500+</u>	231	2663	NA	NA
<u>AMD Athlon XP 2600+</u>	242	2645	<u>10.52</u>	<u>\$23.03*</u>
<u>AMD Athlon XP 2700+</u>	256	2628	<u>3.02</u>	<u>\$84.79*</u>
<u>AMD Athlon XP 2800+</u>	260	2623	NA	NA
<u>AMD Athlon XP 2900+</u>	276	2605	NA	NA
<u>AMD Athlon XP 3000+</u>	262	2621	<u>3.29</u>	<u>\$79.70*</u>
<u>AMD Athlon XP 3100+</u>	282	2597	NA	NA
<u>AMD Athlon XP 3200+</u>	281	2598	NA	NA
<u>AMD C-30</u>	202	2699	NA	NA
<u>AMD C-50</u>	300	2572	NA	NA
<u>AMD C-60</u>	306	2565	NA	NA
<u>AMD C-60 APU</u>	354	2523	NA	NA
<u>AMD C-70 APU</u>	363	2519	NA	NA
<u>AMD E1 Micro-6200T APU</u>	673	2306	NA	NA
<u>AMD E1-1200 APU</u>	367	2517	NA	NA
<u>AMD E1-1500 APU</u>	413	2484	NA	NA
<u>AMD E1-2100 APU</u>	416	2482	NA	NA
<u>AMD E1-2200 APU</u>	537	2413	NA	NA
<u>AMD E1-2500 APU</u>	602	2370	NA	NA
<u>AMD E1-6010 APU</u>	610	2362	NA	NA
<u>AMD E1-6015 APU</u>	722	2262	NA	NA
<u>AMD E1-6050J APU</u>	1,385	1808	NA	NA
<u>AMD E1-7010 APU</u>	852	2155	NA	NA
<u>AMD E2-1800 APU</u>	412	2485	NA	NA
<u>AMD E2-2000 APU</u>	538	2411	NA	NA
<u>AMD E2-3000 APU</u>	741	2249	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E2-3200 APU	898	2116	112.42	\$7.99*
AMD E2-3800 APU	990	2059	NA	NA
AMD E2-6110 APU	1,347	1831	NA	NA
AMD E2-7110 APU	1,715	1630	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E2-9000	1,484	1754	NA	NA
AMD E2-9000e	1,055	2018	NA	NA
AMD E2-9010	1,389	1803	NA	NA
AMD E2-9030	1,440	1778	NA	NA
AMD E-240	207	2691	NA	NA
AMD E-300 APU	395	2499	NA	NA
AMD E-350	458	2461	NA	NA
AMD E-350 APU	490	2438	NA	NA
AMD E-350D APU	470	2448	NA	NA
AMD E-450 APU	467	2453	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1,588	1698	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	1,880	1554	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2,280	1381	NA	NA
AMD Embedded R-Series RX-216GD	2,168	1425	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	4,815	782	NA	NA
AMD Embedded R-Series RX-421BD	3,709	972	NA	NA
AMD EPYC 3201	9,634	335	NA	NA
AMD EPYC 3251	11,690	248	37.11	\$315.00*
AMD EPYC 7251	11,221	264	22.49	\$499.00
AMD EPYC 7262	20,691	70	31.64	\$653.99
AMD EPYC 7301	14,978	151	22.21	\$674.29
AMD EPYC 7302P	30,994	16	19.68	\$1,575.21
AMD EPYC 7351	18,081	98	25.19	\$717.72
AMD EPYC 7351P	13,398	197	18.94	\$707.44
AMD EPYC 7371	20,968	67	13.53	\$1,550.00*
AMD EPYC 7401P	18,199	96	24.33	\$748.00

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 7451	14,185	175	5.91	\$2,400.00
AMD EPYC 7452	38,257	7	19.62	\$1,950.00
AMD EPYC 7501	17,049	116	4.57	\$3,731.42
AMD EPYC 7502P	27,437	27	15.68	\$1,749.99
AMD EPYC 7551	16,635	124	11.92	\$1,395.00
AMD EPYC 7551P	17,522	110	13.58	\$1,290.00
AMD EPYC 7571	20,858	69	NA	NA
AMD EPYC 7702P	46,067	5	9.63	\$4,783.99
AMD EPYC 7742	48,062	4	6.39	\$7,522.99
AMD FirePro A320 APU	3,823	952	NA	NA
AMD FX-670K Quad-Core	3,185	1088	NA	NA
AMD FX-770K Quad-Core	3,374	1047	NA	NA
AMD FX-870K Quad Core	4,268	877	NA	NA
AMD FX-4100 Quad-Core	2,726	1205	90.88	\$30.00
AMD FX-4130 Quad-Core	2,813	1185	93.78	\$29.99
AMD FX-4150 Quad-Core	2,986	1136	NA	NA
AMD FX-4170 Quad-Core	3,166	1093	24.60	\$128.68
AMD FX-4200 Quad-Core	2,788	1194	69.79	\$39.95
AMD FX-4300 Quad-Core	3,100	1109	50.12	\$61.85
AMD FX-4320	4,002	921	NA	NA
AMD FX-4330	4,131	899	NA	NA
AMD FX-4350 Quad-Core	3,496	1008	43.71	\$79.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-6100 Six-Core	3,833	948	86.25	\$44.44
AMD FX-6120 Six-Core	3,747	968	37.97	\$98.68
AMD FX-6130 Six-Core	4,040	913	NA	NA
AMD FX-6200 Six-Core	3,934	932	39.79	\$98.86
AMD FX-6300 Six-Core	4,210	888	60.15	\$70.00
AMD FX-6330 Six-Core	5,911	641	NA	NA
AMD FX-6350 Six-Core	4,315	866	33.45	\$128.99
AMD FX-7500 APU	2,245	1397	NA	NA
AMD FX-7600P	2,705	1216	NA	NA
AMD FX-7600P APU	3,240	1075	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
AMD FX-8100 Eight-Core	4,428	848	42.99	\$103.00
AMD FX-8140 Eight-Core	3,865	939	25.96	\$148.86
AMD FX-8150 Eight-Core	5,272	730	35.42	\$148.86
AMD FX-8300 Eight-Core	5,426	705	46.98	\$115.50
AMD FX-8310 Eight-Core	5,409	709	NA	NA
AMD FX-8320 Eight-Core	5,084	760	40.67	\$125.00
AMD FX-8320E Eight-Core	5,333	722	36.18	\$147.40
AMD FX-8350 Eight-Core	6,219	610	34.27	\$181.48
AMD FX-8370 Eight-Core	6,220	609	28.66	\$217.00
AMD FX-8370E Eight-Core	5,480	694	26.48	\$207.00
AMD FX-8800P	3,179	1090	NA	NA
AMD FX-9370 Eight-Core	6,150	618	27.91	\$220.31
AMD FX-9590 Eight-Core	6,963	532	25.15	\$276.86
AMD FX-9800P	3,371	1048	NA	NA
AMD FX-9830P	3,469	1022	NA	NA
AMD FX-B4150 Quad-Core	2,997	1130	33.42	\$89.68
AMD G-T40E	304	2568	NA	NA
AMD G-T40R	193	2718	NA	NA
AMD G-T44R	149	2770	NA	NA
AMD G-T48E	434	2475	NA	NA
AMD G-T52R	213	2684	NA	NA
AMD G-T56E	489	2439	NA	NA
AMD G-T56N	516	2426	NA	NA
AMD Geode NX 2400+	400	2496	NA	NA
AMD GX-210JA SOC	321	2550	NA	NA
AMD GX-212JC SOC	661	2318	NA	NA
AMD GX-217GA SOC	724	2257	NA	NA
AMD GX-218GL SOC	1,087	1992	NA	NA
AMD GX-222GC SOC	1,067	2008	NA	NA
AMD GX-412HC	1,053	2020	NA	NA
AMD GX-415GA SOC	1,352	1825	NA	NA
AMD GX-420CA SOC	1,568	1710	NA	NA
AMD GX-424CC SOC	1,748	1619	NA	NA
AMD Opteron 144	316	2554	10.55	\$29.95

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 148	392	2503	NA	NA
AMD Opteron 150	393	2501	NA	NA
AMD Opteron 152	428	2478	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 154	457	2462	NA	NA
AMD Opteron 165	584	2383	1.06	\$550.00*
AMD Opteron 170	713	2270	NA	NA
AMD Opteron 175	759	2235	NA	NA
AMD Opteron 180	805	2199	8.13	\$98.99*
AMD Opteron 185	873	2138	NA	NA
AMD Opteron 254	451	2466	NA	NA
AMD Opteron 270	761	2234	3.04	\$249.95
AMD Opteron 275	839	2165	55.95	\$15.00
AMD Opteron 280	765	2226	30.58	\$25.00
AMD Opteron 285	956	2082	11.95	\$79.95*
AMD Opteron 290	952	2084	7.05	\$135.00*
AMD Opteron 1212	656	2322	2.26	\$290.00*
AMD Opteron 1214	775	2220	14.09	\$54.99
AMD Opteron 1214 HE	1,040	2029	NA	NA
AMD Opteron 1216	853	2154	15.54	\$54.85*
AMD Opteron 1216 HE	762	2232	NA	NA
AMD Opteron 1218	955	2083	NA	NA
AMD Opteron 1220	1,080	2002	NA	NA
AMD Opteron 1222	1,143	1949	NA	NA
AMD Opteron 1352	1,506	1743	11.07	\$135.99*
AMD Opteron 1354	1,715	1631	12.70	\$135.00*
AMD Opteron 1356	1,798	1598	19.98	\$89.99*
AMD Opteron 1381	1,992	1505	NA	NA
AMD Opteron 2218	1,036	2033	18.43	\$56.24
AMD Opteron 2220	1,106	1979	4.65	\$238.01*
AMD Opteron 2220 SE	909	2110	36.35	\$25.00*
AMD Opteron 2222	1,198	1920	0.72	\$1,664.98*
AMD Opteron 2354	1,593	1693	4.80	\$332.03*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2373 EE	2,510	1300	NA	NA
AMD Opteron 2378	2,067	1463	11.55	\$179.00*
AMD Opteron 2384	2,300	1373	2.74	\$840.00*
AMD Opteron 2393 SE	1,460	1766	NA	NA
AMD Opteron 2427	1,995	1502	117.43	\$16.99
AMD Opteron 2431	2,936	1154	117.48	\$24.99
AMD Opteron 2435	3,061	1117	204.32	\$14.98
AMD Opteron 3250 HE	2,942	1151	29.72	\$99.00*
AMD Opteron 3260 HE	2,118	1437	NA	NA
AMD Opteron 3280	3,597	991	13.17	\$273.18*
AMD Opteron 3320 EE	2,274	1382	NA	NA
AMD Opteron 3350 HE	2,721	1207	NA	NA
AMD Opteron 3365	4,262	878	NA	NA
AMD Opteron 3380	4,150	896	5.13	\$809.00*
AMD Opteron 4162 EE	2,217	1402	NA	NA
AMD Opteron 4170 HE	2,382	1335	7.22	\$329.95
AMD Opteron 4184	2,872	1173	5.52	\$519.95*
AMD Opteron 4274 HE	5,776	658	144.44	\$39.99*
AMD Opteron 4280	4,180	892	83.59	\$50.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4284	4,330	865	72.17	\$59.99*
AMD Opteron 4332 HE	4,492	839	121.44	\$36.99*
AMD Opteron 4334	5,184	744	23.96	\$216.42*
AMD Opteron 4365 EE	4,523	830	NA	NA
AMD Opteron 4386	4,733	794	36.78	\$128.68
AMD Opteron 6128	2,928	1158	154.21	\$18.99*
AMD Opteron 6136	3,196	1086	12.81	\$249.55
AMD Opteron 6164 HE	3,478	1019	NA	NA
AMD Opteron 6172	3,420	1034	99.70	\$34.30
AMD Opteron 6174	4,011	919	20.06	\$199.98*
AMD Opteron 6176 SE	3,552	994	22.34	\$159.00*
AMD Opteron 6212	3,755	967	125.20	\$29.99*
AMD Opteron 6220	4,411	850	73.52	\$59.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
AMD Opteron 6238	5,372	713	15.35	\$349.89
AMD Opteron 6272	4,387	857	73.12	\$59.99
AMD Opteron 6274	3,163	1096	90.39	\$34.99
AMD Opteron 6276	5,778	657	29.03	\$199.00
AMD Opteron 6282 SE	5,926	640	9.26	\$640.00*
AMD Opteron 6287 SE	6,853	541	NA	NA
AMD Opteron 6328	5,087	759	3.92	\$1,299.00
AMD Opteron 6344	6,092	626	15.42	\$394.98
AMD Opteron 6348	9,151	367	3.29	\$2,785.64
AMD Opteron 6366 HE	5,252	734	175.13	\$29.99*
AMD Opteron 6376	5,988	632	108.87	\$55.00
AMD Opteron 6378	6,366	596	303.15	\$21.00
AMD Opteron 6380	8,065	440	175.33	\$46.00
AMD Opteron 6386 SE	7,585	471	56.19	\$134.99
AMD Opteron 8439 SE	2,479	1308	41.31	\$60.00*
AMD Opteron X2170 APU	2,906	1164	NA	NA
AMD Opteron X3216 APU	2,072	1459	NA	NA
AMD Opteron X3418 APU	4,548	824	NA	NA
AMD Opteron X3421 APU	4,271	875	NA	NA
AMD Phenom 8250 Triple-Core	1,085	1998	NA	NA
AMD Phenom 8250e Triple-Core	1,063	2010	22.63	\$46.99*
AMD Phenom 8400 Triple-Core	1,062	2013	NA	NA
AMD Phenom 8450 Triple-Core	1,229	1902	41.04	\$29.95*
AMD Phenom 8450e Triple-Core	1,317	1850	NA	NA
AMD Phenom 8600 Triple-Core	1,089	1989	20.55	\$52.99*
AMD Phenom 8600B Triple-Core	1,247	1888	83.44	\$14.95
AMD Phenom 8650 Triple-Core	1,292	1863	25.85	\$49.99*
AMD Phenom 8750 Triple-Core	1,348	1830	NA	NA
AMD Phenom 8750B Triple-Core	1,323	1847	NA	NA
AMD Phenom 8850 Triple-Core	1,279	1868	NA	NA
AMD Phenom 8850B Triple-Core	1,352	1822	NA	NA
AMD Phenom 9100e Quad-Core	1,191	1927	29.81	\$39.95*
AMD Phenom 9150e Quad-Core	1,294	1862	32.38	\$39.95*
AMD Phenom 9350e Quad-Core	1,508	1740	0.45	\$3,382.07*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9500 Quad-Core	1,431	1782	102.98	\$13.90
AMD Phenom 9550 Quad-Core	1,655	1660	119.04	\$13.90
AMD Phenom 9600 Quad-Core	1,496	1746	125.21	\$11.95*
AMD Phenom 9600B Quad-Core	1,674	1649	11.37	\$147.19*
AMD Phenom 9650 Quad-Core	1,521	1735	66.28	\$22.95*
AMD Phenom 9750 Quad-Core	1,826	1586	62.55	\$29.19
AMD Phenom 9750B Quad-Core	1,761	1612	NA	NA
AMD Phenom 9850 Quad-Core	1,876	1557	14.43	\$129.99
AMD Phenom 9850B Quad-Core	2,054	1467	NA	NA
AMD Phenom 9950 Quad-Core	1,954	1517	55.92	\$34.95
AMD Phenom FX-5000 Quad-Core	1,636	1667	NA	NA
AMD Phenom FX-5200 Quad-Core	1,916	1538	NA	NA
AMD Phenom II N620 Dual-Core	1,094	1985	274.26	\$3.99*
AMD Phenom II N640 Dual-Core	1,120	1969	17.24	\$64.95*
AMD Phenom II N660 Dual-Core	1,142	1951	12.84	\$89.00
AMD Phenom II N830 3+1	1,857	1569	NA	NA
AMD Phenom II N830 Triple-Core	1,233	1899	NA	NA
AMD Phenom II N850 Triple-Core	1,257	1882	50.30	\$25.00*
AMD Phenom II N870 Triple-Core	1,302	1857	NA	NA
AMD Phenom II N930 Quad-Core	1,479	1758	11.38	\$129.95*
AMD Phenom II N950 Quad-Core	1,613	1682	14.33	\$112.60*
AMD Phenom II N970 Quad-Core	1,633	1670	10.89	\$149.99*
AMD Phenom II P650 Dual-Core	1,027	2037	29.34	\$35.00*
AMD Phenom II P820 Triple-Core	1,038	2031	NA	NA
AMD Phenom II P840 Triple-Core	1,113	1974	NA	NA
AMD Phenom II P860 Triple-Core	1,141	1952	NA	NA
AMD Phenom II P920 Quad-Core	1,216	1911	18.70	\$65.00*
AMD Phenom II P940 Quad-Core	1,191	1928	NA	NA
AMD Phenom II P960 Quad-Core	1,355	1821	48.41	\$28.00*
AMD Phenom II X2 511	1,368	1815	NA	NA
AMD Phenom II X2 521	1,350	1829	NA	NA
AMD Phenom II X2 545	1,247	1889	28.35	\$43.98*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X2 555	1,329	1843	47.48	\$27.98*
AMD Phenom II X2 560	1,339	1835	20.61	\$64.99*
AMD Phenom II X2 565	1,447	1775	8.57	\$168.87*
AMD Phenom II X2 570	1,655	1659	NA	NA
AMD Phenom II X2 B53	1,111	1977	NA	NA
AMD Phenom II X2 B55	1,245	1890	25.96	\$47.95*
AMD Phenom II X2 B57	1,185	1931	NA	NA
AMD Phenom II X2 B59	1,384	1809	40.65	\$34.05
AMD Phenom II X3 700e	1,457	1769	NA	NA
AMD Phenom II X3 705e	1,436	1781	9.43	\$152.34*
AMD Phenom II X3 710	1,591	1694	18.83	\$84.53*
AMD Phenom II X3 720	1,728	1625	108.69	\$15.90
AMD Phenom II X3 740	1,940	1526	21.80	\$88.99*
AMD Phenom II X3 B73	1,778	1607	23.71	\$75.00*
AMD Phenom II X3 B75	1,867	1562	46.68	\$39.99*
AMD Phenom II X3 B77	1,994	1503	89.46	\$22.29*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 805	1,950	1520	11.21	\$173.99*
AMD Phenom II X4 810	2,026	1485	68.55	\$29.56
AMD Phenom II X4 820	2,205	1405	29.42	\$74.95*
AMD Phenom II X4 830	2,233	1399	31.92	\$69.95*
AMD Phenom II X4 840	2,282	1380	65.20	\$35.00
AMD Phenom II X4 840T	2,337	1357	33.38	\$69.99*
AMD Phenom II X4 850	2,307	1369	35.50	\$64.99*
AMD Phenom II X4 900e	1,874	1559	NA	NA
AMD Phenom II X4 905e	2,002	1499	37.09	\$53.99*
AMD Phenom II X4 910	2,110	1443	21.10	\$100.00*
AMD Phenom II X4 910e	2,110	1442	30.19	\$69.90*
AMD Phenom II X4 920	2,202	1408	55.14	\$39.94
AMD Phenom II X4 925	2,265	1389	75.63	\$29.95
AMD Phenom II X4 940	2,335	1359	58.45	\$39.95
AMD Phenom II X4 945	2,205	1406	52.01	\$42.39
AMD Phenom II X4 955	2,404	1325	66.97	\$35.90

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 965	2,637	1238	87.93	\$29.99
AMD Phenom II X4 970	2,808	1189	23.80	\$118.02*
AMD Phenom II X4 973	2,444	1315	NA	NA
AMD Phenom II X4 975	2,886	1169	29.76	\$97.00*
AMD Phenom II X4 977	2,438	1317	NA	NA
AMD Phenom II X4 980	2,917	1161	12.68	\$229.99*
AMD Phenom II X4 B05e	1,815	1588	NA	NA
AMD Phenom II X4 B15e	1,779	1606	NA	NA
AMD Phenom II X4 B25	2,144	1431	NA	NA
AMD Phenom II X4 B35	2,202	1410	NA	NA
AMD Phenom II X4 B40	2,176	1420	NA	NA
AMD Phenom II X4 B45	2,258	1393	NA	NA
AMD Phenom II X4 B50	2,400	1328	NA	NA
AMD Phenom II X4 B55	2,504	1302	NA	NA
AMD Phenom II X4 B60	2,620	1249	NA	NA
AMD Phenom II X4 B65	2,712	1211	NA	NA
AMD Phenom II X4 B70	3,622	986	NA	NA
AMD Phenom II X4 B93	2,195	1412	NA	NA
AMD Phenom II X4 B95	2,389	1331	67.47	\$35.41
AMD Phenom II X4 B97	2,512	1298	44.07	\$56.99*
AMD Phenom II X4 B99	2,682	1222	NA	NA
AMD Phenom II X6 1035T	2,988	1135	15.81	\$189.00*
AMD Phenom II X6 1045T	3,138	1103	30.17	\$104.02*
AMD Phenom II X6 1055T	3,257	1072	40.92	\$79.59
AMD Phenom II X6 1065T	3,264	1071	NA	NA
AMD Phenom II X6 1075T	2,369	1341	23.96	\$98.86
AMD Phenom II X6 1090T	3,656	981	24.70	\$148.02*
AMD Phenom II X6 1100T	3,810	955	25.40	\$150.00
AMD Phenom II X6 1405T	4,538	826	NA	NA
AMD Phenom II X620 Dual-Core	1,423	1787	NA	NA
AMD Phenom II X640 Dual-Core	1,314	1854	NA	NA
AMD Phenom II X920 Quad-Core	1,713	1633	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
<u>AMD Phenom X2 Dual-Core GE-5060</u>	1,566	1712	NA	NA
<u>AMD Phenom X2 Dual-Core GE-6060</u>	1,722	1628	NA	NA
<u>AMD Phenom X2 Dual-Core GE-7060</u>	1,139	1954	NA	NA
<u>AMD Phenom X2 Dual-Core GP-7730</u>	933	2095	NA	NA
<u>AMD Phenom X3 8550</u>	1,254	1885	<u>7.38</u>	<u>\$169.95*</u>
<u>AMD Phenom X4 Quad-Core GP-9500</u>	1,142	1950	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9530</u>	1,695	1638	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9600</u>	1,453	1772	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9730</u>	2,463	1310	NA	NA
<u>AMD Phenom X4 Quad-Core GS-6560</u>	1,063	2011	NA	NA
<u>AMD PRO A4-3350B APU</u>	1,933	1531	NA	NA
<u>AMD PRO A4-4350B</u>	1,687	1643	NA	NA
<u>AMD PRO A4-8350B</u>	2,360	1344	NA	NA
<u>AMD PRO A6-7350B</u>	2,621	1248	NA	NA
<u>AMD PRO A6-8500B</u>	2,013	1493	NA	NA
<u>AMD PRO A6-8530B</u>	2,030	1483	NA	NA
<u>AMD PRO A6-8550B</u>	2,525	1292	NA	NA
<u>AMD PRO A6-8570</u>	2,625	1246	NA	NA
<u>AMD PRO A6-8570E</u>	2,401	1327	NA	NA
<u>AMD PRO A6-9500</u>	2,529	1288	<u>34.18</u>	<u>\$74.00*</u>
<u>AMD PRO A6-9500B</u>	1,869	1561	NA	NA
<u>AMD PRO A6-9500E</u>	2,310	1367	<u>31.22</u>	<u>\$74.00*</u>
<u>AMD PRO A8-8600B</u>	2,075	1458	NA	NA
<u>AMD PRO A8-8650B</u>	4,179	893	NA	NA
<u>AMD PRO A8-8670E</u>	4,514	833	NA	NA
<u>AMD PRO A8-9600</u>	4,486	840	<u>37.70</u>	<u>\$119.00*</u>
<u>AMD PRO A8-9600B</u>	3,370	1051	NA	NA
<u>AMD PRO A10-8700B</u>	2,666	1228	NA	NA
<u>AMD PRO A10-8730B</u>	3,360	1053	NA	NA
<u>AMD PRO A10-8750B</u>	4,373	861	NA	NA
<u>AMD PRO A10-8770</u>	4,722	798	NA	NA
<u>AMD PRO A10-8770E</u>	4,270	876	NA	NA
<u>AMD PRO A10-8850B</u>	4,680	808	NA	NA
<u>AMD PRO A10-9700</u>	4,751	788	<u>28.11</u>	<u>\$169.00*</u>

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A10-9700E	4,306	869	30.98	\$139.00*
AMD PRO A12-8800B	3,289	1068	NA	NA
AMD PRO A12-8830B	3,810	954	NA	NA
AMD PRO A12-8870	5,158	749	NA	NA
AMD PRO A12-8870E	4,408	852	NA	NA
AMD PRO A12-9800	5,191	741	30.72	\$169.00*
AMD PRO A12-9800B	3,487	1016	NA	NA
AMD PRO A12-9800E	4,054	912	23.99	\$169.00*
AMD QC-4000	1,331	1842	NA	NA
AMD R-260H APU	1,340	1834	NA	NA
AMD R-272F APU	2,007	1496	NA	NA
AMD R-460L APU	1,564	1714	NA	NA
AMD R-464L APU	2,026	1484	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD RX-427BB	3,488	1014	NA	NA
AMD Ryzen 3 1200	6,484	582	65.82	\$98.50
AMD Ryzen 3 1300X	6,846	543	40.30	\$169.86
AMD Ryzen 3 2200G	6,902	539	57.52	\$120.00
AMD Ryzen 3 2200GE	6,528	575	NA	NA
AMD Ryzen 3 2200U	4,027	915	NA	NA
AMD Ryzen 3 2300U	5,824	648	NA	NA
AMD Ryzen 3 2300X	7,931	452	39.75	\$199.52*
AMD Ryzen 3 3200G	7,396	481	77.86	\$94.99
AMD Ryzen 3 3200U	4,246	883	NA	NA
AMD Ryzen 3 3300U	5,853	645	NA	NA
AMD Ryzen 3 4300U	8,363	420	NA	NA
AMD Ryzen 3 PRO 1200	6,017	630	NA	NA
AMD Ryzen 3 PRO 1300	7,195	501	NA	NA
AMD Ryzen 3 PRO 2100GE	5,113	755	NA	NA
AMD Ryzen 3 PRO 2200G	7,631	468	NA	NA
AMD Ryzen 3 PRO 2200GE	7,087	515	NA	NA
AMD Ryzen 3 PRO 2300U	6,676	556	NA	NA
AMD Ryzen 3 PRO 3200G	8,445	414	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 Ryzen 3 PRO 3300U</u>	7,019	525	NA	NA
<u>AMD Ryzen 5 1400</u>	8,055	441	58.01	\$138.86
<u>AMD Ryzen 5 1500X</u>	8,987	376	60.37	\$148.86
<u>AMD Ryzen 5 1600</u>	12,439	222	146.34	\$85.00
<u>AMD Ryzen 5 1600X</u>	13,187	202	75.99	\$173.53
<u>AMD Ryzen 5 2400G</u>	9,213	366	60.05	\$153.42
<u>AMD Ryzen 5 2400GE</u>	8,583	404	NA	NA
<u>AMD Ryzen 5 2500U</u>	6,760	547	NA	NA
<u>AMD Ryzen 5 2500X</u>	9,704	329	NA	NA
<u>AMD Ryzen 5 2600</u>	13,483	194	107.87	\$124.99
<u>AMD Ryzen 5 2600H</u>	8,366	419	NA	NA
<u>AMD Ryzen 5 2600X</u>	14,444	164	103.17	\$140.00
<u>AMD Ryzen 5 3400G</u>	9,644	334	56.40	\$170.99
<u>AMD Ryzen 5 3500</u>	12,517	220	NA	NA
<u>AMD Ryzen 5 3500U</u>	7,391	482	NA	NA
<u>AMD Ryzen 5 3500X</u>	13,875	184	NA	NA
<u>AMD Ryzen 5 3550H</u>	8,232	430	NA	NA
<u>AMD Ryzen 5 3580U</u>	7,911	453	NA	NA
<u>AMD Ryzen 5 3600</u>	17,847	103	101.99	\$174.99
<u>AMD Ryzen 5 3600X</u>	18,403	90	92.02	\$199.99
<u>AMD Ryzen 5 PRO 1500</u>	9,120	369	NA	NA
<u>AMD Ryzen 5 PRO 1600</u>	10,992	269	NA	NA
<u>AMD Ryzen 5 PRO 2400G</u>	9,411	350	NA	NA
<u>AMD Ryzen 5 PRO 2400GE</u>	7,954	451	NA	NA
<u>AMD Ryzen 5 PRO 2500U</u>	6,718	553	NA	NA
<u>AMD Ryzen 5 PRO 2600</u>	13,231	201	NA	NA
<u>AMD Ryzen 5 PRO 3400G</u>	9,903	314	NA	NA
<u>AMD Ryzen 5 PRO 3400GE</u>	10,263	298	NA	NA
<u>AMD Ryzen 5 PRO 3500U</u>	8,049	442	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>	19,458	79	NA	NA
<u>AMD Ryzen 7 1700</u>	14,345	168	73.76	\$194.50
<u>AMD Ryzen 7 1700X</u>	15,470	140	99.80	\$155.00

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
AMD Ryzen 7 2700	15,971	132	78.30	\$203.97
AMD Ryzen 7 2700E	13,410	196	NA	NA
AMD Ryzen 7 2700U	6,849	542	NA	NA
AMD Ryzen 7 2700X	17,914	101	69.17	\$259.00
AMD Ryzen 7 2800H	8,073	438	NA	NA
AMD Ryzen 7 3700U	7,283	492	NA	NA
AMD Ryzen 7 3700X	22,788	56	76.22	\$298.99
AMD Ryzen 7 3750H	8,646	399	NA	NA
AMD Ryzen 7 3780U	8,134	436	NA	NA
AMD Ryzen 7 3800X	23,150	52	68.09	\$339.99
AMD Ryzen 7 PRO 1700	12,701	216	NA	NA
AMD Ryzen 7 PRO 1700X	13,792	187	NA	NA
AMD Ryzen 7 PRO 2700	15,160	147	NA	NA
AMD Ryzen 7 PRO 2700U	8,422	416	NA	NA
AMD Ryzen 7 PRO 2700X	16,272	128	NA	NA
AMD Ryzen 7 PRO 3700	25,843	36	NA	NA
AMD Ryzen 7 PRO 3700U	7,583	472	NA	NA
AMD Ryzen 9 3900	31,423	15	NA	NA
AMD Ryzen 9 3900X	32,768	11	78.23	\$418.89
AMD Ryzen 9 3950X	39,426	6	53.36	\$738.89
AMD Ryzen 9 PRO 3900	32,556	12	NA	NA
AMD Ryzen Embedded R1505G	4,614	815	NA	NA
AMD Ryzen Embedded R1606G	4,750	789	NA	NA
AMD Ryzen Embedded V1202B	4,225	886	NA	NA
AMD Ryzen Embedded V1404I	5,180	745	NA	NA
AMD Ryzen Embedded V1605B	7,038	520	NA	NA
AMD Ryzen Embedded V1756B	8,559	405	NA	NA
AMD Ryzen Embedded V1807B	7,696	463	NA	NA
AMD Ryzen Threadripper 1900X	17,165	115	101.12	\$169.75
AMD Ryzen Threadripper 1920X	22,441	58	112.21	\$199.99
AMD Ryzen Threadripper 1950X	26,495	31	58.88	\$449.99
AMD Ryzen Threadripper 2920X	23,607	47	49.70	\$475.00
AMD Ryzen Threadripper 2950X	30,487	17	45.34	\$672.47
AMD Ryzen Threadripper 2970WX	20,614	72	22.55	\$913.97

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Threadripper 2990X	18,266	94	NA	NA
AMD Ryzen Threadripper 3960X	54,106	3	38.67	\$1,399.00
AMD Ryzen Threadripper 3970X	59,341	2	31.23	\$1,899.99
AMD Ryzen Threadripper 3990X	71,683	1	18.39	\$3,899.00
AMD Sempron 130	455	2463	15.18	\$30.00
AMD Sempron 140	482	2444	25.81	\$18.68
AMD Sempron 145	524	2423	40.48	\$12.95
AMD Sempron 150	494	2435	47.04	\$10.50
AMD Sempron 210U	254	2633	NA	NA
AMD Sempron 240	2,005	1498	41.77	\$48.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2200+	184	2730	6.12	\$29.99
AMD Sempron 2300+	207	2690	4.60	\$45.00*
AMD Sempron 2400+	205	2697	15.74	\$12.99
AMD Sempron 2500+	218	2676	5.44	\$39.99
AMD Sempron 2600+	243	2643	11.05	\$22.00
AMD Sempron 2650 APU	661	2316	11.09	\$59.61
AMD Sempron 2800+	249	2637	20.77	\$12.00
AMD Sempron 3000+	265	2614	6.64	\$39.95
AMD Sempron 3100+	294	2580	3.68	\$79.95
AMD Sempron 3200+	264	2619	8.27	\$31.96
AMD Sempron 3300+	315	2559	20.99	\$15.00
AMD Sempron 3400+	296	2578	13.81	\$21.40
AMD Sempron 3500+	247	2638	16.45	\$15.00
AMD Sempron 3600+	311	2561	23.53	\$13.20
AMD Sempron 3800+	360	2521	24.03	\$14.99
AMD Sempron 3850 APU	1,206	1916	15.14	\$79.68
AMD Sempron Dual Core 2100	609	2364	16.03	\$37.99
AMD Sempron Dual Core 2200	647	2333	NA	NA
AMD Sempron Dual Core 2300	638	2339	15.20	\$41.99*
AMD Sempron LE-1100	284	2594	14.26	\$19.95
AMD Sempron LE-1150	286	2592	14.32	\$19.95
AMD Sempron LE-1200	344	2531	23.00	\$14.95

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron LE-1300	389	2505	29.90	\$13.00
AMD Sempron M100	368	2516	30.66	\$12.00*
AMD Sempron M120	379	2510	NA	NA
AMD Sempron SI-40	291	2586	24.23	\$12.00*
AMD Sempron SI-42	296	2577	9.88	\$30.01*
AMD Sempron X2 180	904	2112	13.03	\$69.40*
AMD Sempron X2 190	997	2055	11.95	\$83.44*
AMD Sempron X2 198 Dual-Core	1,131	1962	NA	NA
AMD Turion 64 Mobile MK-36	303	2570	NA	NA
AMD Turion 64 Mobile MK-38	334	2540	NA	NA
AMD Turion 64 Mobile ML-28	254	2635	NA	NA
AMD Turion 64 Mobile ML-30	262	2622	NA	NA
AMD Turion 64 Mobile ML-32	262	2620	NA	NA
AMD Turion 64 Mobile ML-34	277	2604	NA	NA
AMD Turion 64 Mobile ML-37	291	2587	11.18	\$25.99*
AMD Turion 64 Mobile ML-40	339	2537	NA	NA
AMD Turion 64 Mobile ML-42	400	2495	NA	NA
AMD Turion 64 Mobile ML-44	384	2506	NA	NA
AMD Turion 64 Mobile MT-30	246	2639	NA	NA
AMD Turion 64 Mobile MT-32	277	2603	NA	NA
AMD Turion 64 Mobile MT-34	279	2601	NA	NA
AMD Turion 64 Mobile MT-37	315	2558	NA	NA
AMD Turion 64 X2 Mobile TL-50	484	2442	9.68	\$49.99*
AMD Turion 64 X2 Mobile TL-52	494	2434	NA	NA
AMD Turion 64 X2 Mobile TL-56	580	2384	41.58	\$13.95*
AMD Turion 64 X2 Mobile TL-58	617	2358	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 X2 Mobile TL-60	649	2331	40.69	\$15.95*
AMD Turion 64 X2 Mobile TL-62	701	2284	2.26	\$311.00*
AMD Turion 64 X2 Mobile TL-64	706	2278	17.93	\$39.39*
AMD Turion 64 X2 Mobile TL-66	742	2247	1.96	\$378.00*
AMD Turion 64 X2 Mobile TL-68	756	2237	8.40	\$90.00*
AMD Turion Dual-Core RM-70	593	2379	23.72	\$25.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
AMD Turion Dual-Core RM-74	661	2317	NA	NA
AMD Turion Dual-Core RM-75	662	2315	24.12	\$27.46*
AMD Turion II Dual-Core Mobile M500	841	2163	NA	NA
AMD Turion II Dual-Core Mobile M520	849	2157	12.29	\$69.10*
AMD Turion II Dual-Core Mobile M540	870	2142	NA	NA
AMD Turion II N530 Dual-Core	1,019	2043	33.96	\$30.00*
AMD Turion II N550 Dual-Core	989	2060	NA	NA
AMD Turion II Neo K625 Dual-Core	636	2340	NA	NA
AMD Turion II Neo K685 Dual-Core	772	2222	NA	NA
AMD Turion II Neo N40L Dual-Core	615	2360	NA	NA
AMD Turion II Neo N54L Dual-Core	880	2132	NA	NA
AMD Turion II P520 Dual-Core	883	2131	NA	NA
AMD Turion II P540 Dual-Core	931	2099	18.64	\$49.95*
AMD Turion II P560 Dual-Core	984	2065	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	910	2107	34.01	\$26.76*
AMD Turion II Ultra Dual-Core Mobile M620	933	2096	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1,086	1993	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	997	2056	NA	NA
AMD Turion Neo X2 Dual Core L625	529	2418	NA	NA
AMD Turion X2 Dual Core L510	600	2373	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	558	2395	4.21	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	689	2290	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	645	2337	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	705	2280	3.14	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	692	2288	28.29	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	729	2252	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	721	2264	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	665	2310	10.73	\$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	705	2281	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	782	2215	41.17	\$18.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD TurionX2 Ultra Dual Core Mobile ZM-85</u>	---	---	<u>17.26</u>	<u>\$49.00*</u>
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-86</u>	846	2159	<u>17.26</u>	<u>\$49.00*</u>
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-87</u>	791	2206	<u>19.81</u>	<u>\$39.95*</u>
<u>AMD TurionX2 Dual Core Mobile RM-70</u>	649	2332	NA	NA
<u>AMD TurionX2 Dual Core Mobile RM-72</u>	667	2309	NA	NA
<u>AMD TurionX2 Ultra DualCore Mobile ZM-85</u>	945	2088	NA	NA
<u>AMD V105</u>	195	2712	NA	NA
<u>AMD V120</u>	405	2494	NA	NA
<u>AMD V140</u>	418	2480	<u>8.37</u>	<u>\$49.95*</u>
<u>AMD V160</u>	438	2472	NA	NA
<u>AMD Z-01</u>	341	2535	NA	NA
<u>AMD Z-60 APU</u>	325	2546	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>	864	2148	NA	NA
<u>Athlon 64 Dual Core 5000+</u>	980	2067	NA	NA
<u>Athlon 64 Dual Core 5600+</u>	1,006	2052	NA	NA
<u>Athlon Dual Core 4050e</u>	630	2347	NA	NA
<u>Athlon Dual Core 4450e</u>	783	2214	NA	NA
<u>Athlon Dual Core 4850e</u>	875	2136	NA	NA
<u>Celeron Dual-Core T3000 @ 1.80GHz</u>	652	2327	NA	NA
<u>Celeron Dual-Core T3100 @ 1.90GHz</u>	764	2227	<u>23.87</u>	<u>\$32.00</u>
<u>Celeron Dual-Core T3300 @ 2.00GHz</u>	687	2292	NA	NA
<u>Celeron Dual-Core T3500 @ 2.10GHz</u>	829	2182	NA	NA
<u>Dual-Core AMD Opteron 1220 SE</u>	1,026	2038	NA	NA
<u>HP Hexa-Core 2.0GHz</u>	1,525	1732	<u>3.02</u>	<u>\$504.27*</u>
<u>Intel 2.80GHz</u>	525	2422	NA	NA
<u>Intel Atom 230 @ 1.60GHz</u>	200	2700	NA	NA
<u>Intel Atom 330 @ 1.60GHz</u>	381	2509	NA	NA
<u>Intel Atom C2338 @ 1.74GHz</u>	629	2349	NA	NA
<u>Intel Atom C2358 @ 1.74GHz</u>	817	2190	NA	NA
<u>Intel Atom C2538 @ 2.40GHz</u>	1,981	1508	<u>19.05</u>	<u>\$104.00*</u>
<u>Intel Atom C2550 @ 2.40GHz</u>	1,499	1744	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C2750 @ 2.40GHz	2,638	1237	11.37	\$232.00*
Intel Atom C2750 @ 2.41GHz	2,676	1226	NA	NA
Intel Atom C2758 @ 2.40GHz	2,530	1287	11.78	\$214.86*
Intel Atom C3538 @ 2.10GHz	2,332	1360	31.10	\$75.00*
Intel Atom C3558 @ 2.20GHz	2,285	1379	26.57	\$86.00*
Intel Atom C3858 @ 2.00GHz	4,610	816	13.89	\$332.00*
Intel Atom C3958 @ 2.00GHz	6,586	568	14.67	\$449.00*
Intel Atom D410 @ 1.66GHz	196	2708	0.31	\$635.99*
Intel Atom D425 @ 1.80GHz	224	2671	0.23	\$992.98*
Intel Atom D510 @ 1.66GHz	429	2477	4.42	\$97.16*
Intel Atom D525 @ 1.80GHz	459	2458	NA	NA
Intel Atom D2500 @ 1.86GHz	265	2616	NA	NA
Intel Atom D2550 @ 1.86GHz	443	2469	NA	NA
Intel Atom D2560 @ 2.00GHz	463	2455	NA	NA
Intel Atom D2700 @ 2.13GHz	548	2403	NA	NA
Intel Atom D2701 @ 2.13GHz	468	2451	NA	NA
Intel Atom E3815 @ 1.46GHz	232	2662	1.93	\$120.00
Intel Atom E3825 @ 1.33GHz	405	2493	5.77	\$70.32*
Intel Atom E3826 @ 1.46GHz	416	2483	NA	NA
Intel Atom E3827 @ 1.74GHz	722	2260	NA	NA
Intel Atom E3840 @ 1.91GHz	755	2239	NA	NA
Intel Atom E3845 @ 1.91GHz	1,053	2019	NA	NA
Intel Atom E3900 @ 1.60GHz	1,953	1518	NA	NA
Intel Atom E3940 @ 1.60GHz	1,774	1609	NA	NA
Intel Atom E3950 @ 1.60GHz	1,915	1539	NA	NA
Intel Atom N270 @ 1.60GHz	175	2743	NA	NA
Intel Atom N280 @ 1.66GHz	183	2731	NA	NA
Intel Atom N435 @ 1.33GHz	170	2746	NA	NA
Intel Atom N450 @ 1.66GHz	193	2716	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	184	2728	NA	NA
Intel Atom N470 @ 1.83GHz	216	2680	NA	NA
Intel Atom N475 @ 1.83GHz	205	2696	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Atom N570 @ 1.66GHz	374	2513	4.35	\$86.00*
Intel Atom N2100 @ 1.60GHz	197	2705	NA	NA
Intel Atom N2600 @ 1.60GHz	343	2532	NA	NA
Intel Atom N2800 @ 1.86GHz	407	2491	NA	NA
Intel Atom S1260 @ 2.00GHz	596	2377	9.31	\$64.00*
Intel Atom T5700 @ 1.70GHz	1,937	1527	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	730	2251	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1,337	1836	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	942	2091	7.09	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	875	2137	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1,021	2040	48.64	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1,356	1820	21.67	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1,561	1717	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1,382	1811	18.77	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1,581	1700	NA	NA
Intel Atom Z520 @ 1.33GHz	143	2779	NA	NA
Intel Atom Z530 @ 1.60GHz	183	2733	NA	NA
Intel Atom Z670 @ 1.50GHz	159	2763	NA	NA
Intel Atom Z2760 @ 1.80GHz	372	2514	NA	NA
Intel Atom Z3735D @ 1.33GHz	656	2321	NA	NA
Intel Atom Z3735E @ 1.33GHz	664	2313	5.67	\$117.00*
Intel Atom Z3735F @ 1.33GHz	555	2400	3.06	\$181.30*
Intel Atom Z3735G @ 1.33GHz	634	2343	NA	NA
Intel Atom Z3736F @ 1.33GHz	639	2338	NA	NA
Intel Atom Z3740 @ 1.33GHz	695	2287	NA	NA
Intel Atom Z3740D @ 1.33GHz	658	2320	NA	NA
Intel Atom Z3745 @ 1.33GHz	756	2238	25.19	\$30.00*
Intel Atom Z3745D @ 1.33GHz	713	2271	NA	NA
Intel Atom Z3770 @ 1.46GHz	814	2194	5.45	\$149.44*
Intel Atom Z3770D @ 1.49GHz	564	2389	NA	NA
Intel Atom Z3775 @ 1.46GHz	894	2121	25.54	\$35.00*
Intel Atom Z3775D @ 1.49GHz	892	2123	NA	NA
Intel Atom Z3795 @ 1.60GHz	1,259	1880	NA	NA
Intel Celeron 1.70GHz	84	2823	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.00GHz	119	2801	NA	NA
Intel Celeron 2.13GHz	136	2788	NA	NA
Intel Celeron 2.20GHz	139	2785	NA	NA
Intel Celeron 2.26GHz	145	2776	NA	NA
Intel Celeron 2.30GHz	148	2773	NA	NA
Intel Celeron 2.40GHz	141	2780	NA	NA
Intel Celeron 2.50GHz	161	2757	NA	NA
Intel Celeron 2.53GHz	159	2760	NA	NA
Intel Celeron 2.60GHz	155	2765	NA	NA
Intel Celeron 2.66GHz	162	2755	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	159	2761	NA	NA
Intel Celeron 2.80GHz	166	2749	NA	NA
Intel Celeron 2.93GHz	185	2727	NA	NA
Intel Celeron 3.06GHz	185	2726	NA	NA
Intel Celeron 3.20GHz	188	2723	NA	NA
Intel Celeron 3.33GHz	217	2678	NA	NA
Intel Celeron 215 @ 1.33GHz	210	2686	NA	NA
Intel Celeron 220 @ 1.20GHz	209	2688	NA	NA
Intel Celeron 420 @ 1.60GHz	293	2581	22.56	\$13.00
Intel Celeron 430 @ 1.80GHz	317	2551	5.29	\$59.95
Intel Celeron 440 @ 2.00GHz	354	2524	7.08	\$49.99
Intel Celeron 450 @ 2.20GHz	407	2490	30.14	\$13.50
Intel Celeron 530 @ 1.73GHz	308	2564	13.40	\$22.99*
Intel Celeron 540 @ 1.86GHz	341	2534	NA	NA
Intel Celeron 550 @ 2.00GHz	337	2538	5.20	\$64.95*
Intel Celeron 560 @ 2.13GHz	346	2529	4.32	\$79.95*
Intel Celeron 570 @ 2.26GHz	336	2539	NA	NA
Intel Celeron 723 @ 1.20GHz	254	2634	NA	NA
Intel Celeron 743 @ 1.30GHz	276	2606	NA	NA
Intel Celeron 807 @ 1.50GHz	526	2421	NA	NA
Intel Celeron 807UE @ 1.00GHz	240	2649	NA	NA
Intel Celeron 827E @ 1.40GHz	399	2497	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 847E @ 1.10GHz	664	2312	NA	NA
Intel Celeron 857 @ 1.20GHz	745	2243	NA	NA
Intel Celeron 867 @ 1.30GHz	762	2231	25.42	\$29.99*
Intel Celeron 877 @ 1.40GHz	839	2164	NA	NA
Intel Celeron 887 @ 1.50GHz	829	2180	NA	NA
Intel Celeron 900 @ 2.20GHz	440	2471	23.15	\$18.99
Intel Celeron 925 @ 2.30GHz	448	2468	NA	NA
Intel Celeron 1000M @ 1.80GHz	1,085	1996	NA	NA
Intel Celeron 1000MHz	139	2783	NA	NA
Intel Celeron 1005M @ 1.90GHz	1,052	2021	NA	NA
Intel Celeron 1007U @ 1.50GHz	904	2115	4.89	\$184.99*
Intel Celeron 1017U @ 1.60GHz	975	2072	NA	NA
Intel Celeron 1019Y @ 1.00GHz	668	2307	NA	NA
Intel Celeron 1020E @ 2.20GHz	1,563	1715	NA	NA
Intel Celeron 1020M @ 2.10GHz	2,023	1487	NA	NA
Intel Celeron 1037U @ 1.80GHz	1,127	1965	NA	NA
Intel Celeron 1047UE @ 1.40GHz	832	2178	NA	NA
Intel Celeron 1100MHz	113	2808	NA	NA
Intel Celeron 1200MHz	159	2762	NA	NA
Intel Celeron 2000E @ 2.20GHz	2,011	1494	NA	NA
Intel Celeron 2002E @ 1.50GHz	1,526	1731	17.74	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1,380	1814	NA	NA
Intel Celeron 2955U @ 1.40GHz	918	2105	NA	NA
Intel Celeron 2957U @ 1.40GHz	931	2098	NA	NA
Intel Celeron 2961Y @ 1.10GHz	788	2208	NA	NA
Intel Celeron 2970M @ 2.20GHz	1,619	1678	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2980U @ 1.60GHz	1,115	1971	NA	NA
Intel Celeron 2981U @ 1.60GHz	1,176	1933	NA	NA
Intel Celeron 3205U @ 1.50GHz	1,190	1929	4.15	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1,405	1800	NA	NA
Intel Celeron 3755U @ 1.70GHz	1,192	1926	NA	NA
Intel Celeron 3765U @ 1.90GHz	1,656	1658	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Celeron 3865U @ 1.80GHz	1,714	1632	NA	NA
Intel Celeron 3867U @ 1.80GHz	1,862	1564	17.40	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1,636	1668	NA	NA
Intel Celeron 3965U @ 2.20GHz	2,113	1440	19.74	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1,527	1730	14.27	\$107.00*
Intel Celeron 4205U @ 1.80GHz	1,981	1509	18.51	\$107.00*
Intel Celeron 4305UE @ 2.00GHz	2,584	1267	NA	NA
Intel Celeron @ 1.30GHz	627	2350	NA	NA
Intel Celeron B710 @ 1.60GHz	149	2771	NA	NA
Intel Celeron B800 @ 1.50GHz	829	2181	NA	NA
Intel Celeron B810 @ 1.60GHz	910	2108	NA	NA
Intel Celeron B815 @ 1.60GHz	887	2126	NA	NA
Intel Celeron B820 @ 1.70GHz	933	2097	31.84	\$29.29
Intel Celeron B830 @ 1.80GHz	699	2285	NA	NA
Intel Celeron B840 @ 1.90GHz	1,115	1972	NA	NA
Intel Celeron D 347 @ 3.06GHz	176	2740	NA	NA
Intel Celeron D 352 @ 3.20GHz	196	2706	NA	NA
Intel Celeron D 356 @ 3.33GHz	205	2693	NA	NA
Intel Celeron D 360 @ 3.46GHz	219	2674	NA	NA
Intel Celeron D 420 @ 1.60GHz	313	2560	NA	NA
Intel Celeron E1200 @ 1.60GHz	560	2393	8.00	\$69.99
Intel Celeron E1400 @ 2.00GHz	685	2295	9.78	\$69.99*
Intel Celeron E1500 @ 2.20GHz	680	2298	34.62	\$19.65*
Intel Celeron E1600 @ 2.40GHz	816	2192	NA	NA
Intel Celeron E3200 @ 2.40GHz	897	2117	17.25	\$51.99*
Intel Celeron E3300 @ 2.50GHz	904	2114	19.24	\$47.00
Intel Celeron E3400 @ 2.60GHz	936	2094	32.29	\$29.00
Intel Celeron E3500 @ 2.70GHz	945	2087	23.64	\$39.99*
Intel Celeron G440 @ 1.60GHz	452	2465	9.04	\$49.99*
Intel Celeron G460 @ 1.80GHz	674	2304	11.24	\$60.00
Intel Celeron G465 @ 1.90GHz	709	2275	7.09	\$100.00*
Intel Celeron G470 @ 2.00GHz	909	2109	NA	NA
Intel Celeron G530 @ 2.40GHz	1,382	1812	34.55	\$39.99*
Intel Celeron G530T @ 2.00GHz	1,153	1945	67.86	\$16.99

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G540T @ 2.10GHz	1,344	1833	NA	NA
Intel Celeron G550 @ 2.60GHz	1,490	1750	21.28	\$70.00
Intel Celeron G550T @ 2.20GHz	1,423	1788	NA	NA
Intel Celeron G555 @ 2.70GHz	1,577	1703	15.93	\$99.00
Intel Celeron G1101 @ 2.27GHz	1,084	2000	54.82	\$19.77*
Intel Celeron G1610 @ 2.60GHz	1,616	1679	43.69	\$37.00
Intel Celeron G1610T @ 2.30GHz	1,468	1763	98.02	\$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	1,677	1647	30.49	\$54.99
Intel Celeron G1620T @ 2.40GHz	1,654	1663	39.38	\$42.00*
Intel Celeron G1630 @ 2.80GHz	1,630	1672	23.29	\$69.99
Intel Celeron G1820 @ 2.70GHz	1,787	1603	59.58	\$29.99
Intel Celeron G1820T @ 2.40GHz	1,747	1620	41.60	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	1,492	1747	NA	NA
Intel Celeron G1830 @ 2.80GHz	1,798	1597	18.94	\$94.95*
Intel Celeron G1840 @ 2.80GHz	1,923	1535	28.12	\$68.41
Intel Celeron G1840T @ 2.50GHz	2,040	1476	NA	NA
Intel Celeron G1850 @ 2.90GHz	2,032	1480	25.41	\$79.99*
Intel Celeron G3900 @ 2.80GHz	2,645	1235	63.00	\$41.99
Intel Celeron G3900E @ 2.40GHz	2,412	1324	22.54	\$107.00*
Intel Celeron G3900T @ 2.60GHz	2,486	1304	22.11	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2,462	1311	58.62	\$42.00*
Intel Celeron G3920 @ 2.90GHz	2,660	1229	29.23	\$90.99*
Intel Celeron G3930 @ 2.90GHz	2,587	1266	28.87	\$89.59*
Intel Celeron G3930T @ 2.70GHz	2,628	1243	75.41	\$34.85
Intel Celeron G3930TE @ 2.70GHz	2,946	1150	70.14	\$42.00*
Intel Celeron G3950 @ 3.00GHz	2,786	1196	25.55	\$109.04*
Intel Celeron G4900 @ 3.10GHz	2,675	1227	68.76	\$38.90
Intel Celeron G4900T @ 2.90GHz	2,954	1146	70.33	\$42.00*
Intel Celeron G4920 @ 3.20GHz	3,108	1108	52.99	\$58.65
Intel Celeron G4930 @ 3.20GHz	3,499	1007	74.56	\$46.93
Intel Celeron J1750 @ 2.41GHz	726	2253	NA	NA
Intel Celeron J1800 @ 2.41GHz	715	2269	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J1900 @ 1.99GHz	1,121	1968	NA	NA
Intel Celeron J3060 @ 1.60GHz	832	2176	NA	NA
Intel Celeron J3160 @ 1.60GHz	1,525	1733	NA	NA
Intel Celeron J3355 @ 2.00GHz	1,197	1921	NA	NA
Intel Celeron J3455 @ 1.50GHz	2,038	1477	7.31	\$279.00
Intel Celeron J4005 @ 2.00GHz	1,523	1734	10.74	\$141.79
Intel Celeron J4025 @ 2.00GHz	1,750	1618	NA	NA
Intel Celeron J4105 @ 1.50GHz	2,812	1186	26.28	\$107.00*
Intel Celeron J4125 @ 2.00GHz	2,912	1162	NA	NA
Intel Celeron M 1.00GHz	139	2784	9.92	\$13.99
Intel Celeron M 1.30GHz	205	2692	NA	NA
Intel Celeron M 1.50GHz	224	2672	NA	NA
Intel Celeron M 1.60GHz	235	2657	NA	NA
Intel Celeron M 1.70GHz	256	2630	NA	NA
Intel Celeron M 360 1.40GHz	214	2682	NA	NA
Intel Celeron M 410 @ 1.46GHz	205	2694	NA	NA
Intel Celeron M 420 @ 1.60GHz	217	2677	NA	NA
Intel Celeron M 430 @ 1.73GHz	239	2650	NA	NA
Intel Celeron M 440 @ 1.86GHz	255	2631	NA	NA
Intel Celeron M 443 @ 1.20GHz	165	2751	NA	NA
Intel Celeron M 450 @ 2.00GHz	293	2582	NA	NA
Intel Celeron M 520 @ 1.60GHz	281	2599	NA	NA
Intel Celeron M 530 @ 1.73GHz	305	2567	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 723 @ 1.20GHz	297	2576	NA	NA
Intel Celeron M 900MHz	134	2789	NA	NA
Intel Celeron M 1300MHz	197	2703	NA	NA
Intel Celeron M 1500MHz	217	2679	NA	NA
Intel Celeron N2805 @ 1.46GHz	300	2575	NA	NA
Intel Celeron N2806 @ 1.60GHz	560	2392	NA	NA
Intel Celeron N2807 @ 1.58GHz	598	2376	NA	NA
Intel Celeron N2808 @ 1.58GHz	718	2268	NA	NA
Intel Celeron N2810 @ 2.00GHz	513	2427	3.66	\$139.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Celeron N2820 @ 2.13GHz	608	2365	3.69	\$164.99
Intel Celeron N2830 @ 2.16GHz	591	2382	NA	NA
Intel Celeron N2840 @ 2.16GHz	655	2323	NA	NA
Intel Celeron N2910 @ 1.60GHz	777	2219	NA	NA
Intel Celeron N2920 @ 1.86GHz	977	2070	NA	NA
Intel Celeron N2930 @ 1.83GHz	1,038	2032	NA	NA
Intel Celeron N2940 @ 1.83GHz	1,201	1919	NA	NA
Intel Celeron N3000 @ 1.04GHz	719	2267	NA	NA
Intel Celeron N3010 @ 1.04GHz	823	2188	NA	NA
Intel Celeron N3050 @ 1.60GHz	688	2291	4.17	\$164.90
Intel Celeron N3060 @ 1.60GHz	784	2211	NA	NA
Intel Celeron N3150 @ 1.60GHz	1,333	1841	NA	NA
Intel Celeron N3160 @ 1.60GHz	1,420	1791	5.07	\$279.99
Intel Celeron N3350 @ 1.10GHz	1,089	1990	4.55	\$239.27
Intel Celeron N3450 @ 1.10GHz	1,572	1708	8.50	\$185.08*
Intel Celeron N4000 @ 1.10GHz	1,546	1723	14.45	\$107.00*
Intel Celeron N4000C @ 1.10GHz	1,226	1907	NA	NA
Intel Celeron N4100 @ 1.10GHz	2,709	1212	25.32	\$107.00*
Intel Celeron N4120 @ 1.10GHz	2,509	1301	NA	NA
Intel Celeron P4500 @ 1.87GHz	726	2255	NA	NA
Intel Celeron P4505 @ 1.87GHz	646	2336	NA	NA
Intel Celeron P4600 @ 2.00GHz	864	2149	NA	NA
Intel Celeron SU2300 @ 1.20GHz	502	2431	NA	NA
Intel Celeron T1600 @ 1.66GHz	608	2367	30.40	\$19.99*
Intel Celeron U1900 @ 1.99GHz	1,364	1817	NA	NA
Intel Celeron U3400 @ 1.07GHz	469	2449	NA	NA
Intel Celeron U3600 @ 1.20GHz	526	2420	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	684	2296	4.28	\$159.95*
Intel Core2 Duo E4400 @ 2.00GHz	631	2344	12.63	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	827	2184	11.60	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	785	2210	4.97	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	963	2079	35.68	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	562	2390	43.23	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	771	2223	15.42	\$49.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6420 @ 2.13GHz	884	2130	17.68	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	943	2090	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	973	2073	65.11	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1,011	2050	67.45	\$14.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6700 @ 2.66GHz	1,096	1984	36.53	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	970	2075	94.22	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1,261	1877	25.23	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1,057	2017	21.57	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1,072	2006	89.74	\$11.95
Intel Core2 Duo E7400 @ 2.80GHz	944	2089	32.56	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1,092	1988	78.87	\$13.85
Intel Core2 Duo E7600 @ 3.06GHz	1,275	1871	10.63	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	969	2076	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1,163	1938	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1,224	1908	24.49	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1,271	1874	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	1,530	1729	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1,265	1876	63.28	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1,206	1915	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	1,383	1810	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	1,195	1925	62.88	\$19.00
Intel Core2 Duo E8435 @ 3.06GHz	1,344	1832	22.41	\$59.99
Intel Core2 Duo E8500 @ 3.16GHz	1,276	1869	31.90	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	1,453	1771	50.11	\$29.00
Intel Core2 Duo L7100 @ 1.20GHz	495	2433	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	536	2414	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	550	2402	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	625	2353	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	630	2346	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	726	2254	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	703	2283	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	875	2135	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P7370 @ 2.00GHz	856	2151	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	816	2191	20.42	\$39.99*
Intel Core2 Duo P7550 @ 2.26GHz	986	2064	4.29	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	946	2086	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	926	2102	3.12	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	983	2066	19.99	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	992	2057	26.13	\$37.98
Intel Core2 Duo P8800 @ 2.66GHz	1,133	1959	19.88	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1,017	2045	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	976	2071	0.98	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1,140	1953	11.52	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1,214	1912	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	1,317	1851	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	821	2189	3.25	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1,088	1991	3.83	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	603	2369	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	541	2408	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	547	2405	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	529	2417	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	608	2366	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5450 @ 1.66GHz	595	2378	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	593	2381	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	600	2374	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	676	2303	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	668	2308	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	491	2436	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	631	2345	63.14	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	724	2258	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	783	2213	49.22	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	743	2245	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	787	2209	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	797	2202	53.16	\$14.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Core2 Duo T6570 @ 2.10GHz	832	2177	21.61	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	885	2128	46.81	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	884	2129	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	663	2314	30.14	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	757	2236	7.58	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	774	2221	3.84	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	777	2218	25.09	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	726	2256	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	827	2183	19.25	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	895	2119	22.38	\$39.99*
Intel Core2 Duo T7700 @ 2.40GHz	926	2101	18.54	\$49.95
Intel Core2 Duo T7800 @ 2.60GHz	1,041	2028	1.71	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	862	2150	0.86	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	743	2246	6.82	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1,020	2042	14.58	\$69.95*
Intel Core2 Duo T9400 @ 2.53GHz	922	2104	20.50	\$44.95*
Intel Core2 Duo T9500 @ 2.60GHz	1,166	1936	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1,158	1943	3.87	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1,233	1898	13.71	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	1,300	1859	3.07	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	1,389	1804	3.48	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	566	2386	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	384	2507	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	436	2474	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	455	2464	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	556	2398	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	736	2250	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	2,377	1338	2.11	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	2,350	1347	1.57	\$1,495.95*
Intel Core2 Extreme Q9200 @ 2.40GHz	3,415	1037	NA	NA
Intel Core2 Extreme Q9300 @ 2.53GHz	2,251	1394	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1,218	1910	4.62	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1,169	1935	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1,096	1983	7.31	\$149.95

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme X9100 @ 3.06GHz	1,351	1827	1.59	\$851.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme X9650 @ 3.00GHz	2,705	1215	3.15	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	2,928	1159	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	2,995	1131	1.86	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	3,021	1125	1.67	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	1,590	1695	39.77	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	2,130	1435	142.11	\$14.99
Intel Core2 Quad Q8200 @ 2.33GHz	1,616	1681	70.28	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2,000	1501	40.00	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	2,055	1466	96.75	\$21.24
Intel Core2 Quad Q9000 @ 2.00GHz	1,628	1673	4.19	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	2,108	1444	5.46	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	1,962	1514	9.83	\$199.50*
Intel Core2 Quad Q9400 @ 2.66GHz	2,043	1473	42.53	\$48.03*
Intel Core2 Quad Q9450 @ 2.66GHz	2,018	1490	56.53	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	2,355	1345	67.31	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	2,286	1378	12.03	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	2,389	1333	53.69	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	2,610	1252	37.84	\$68.98
Intel Core2 Solo U2100 @ 1.06GHz	233	2659	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	303	2569	NA	NA
Intel Core 860 @ 2.80GHz	2,961	1144	43.55	\$68.00
Intel Core Duo L2300 @ 1.50GHz	468	2452	NA	NA
Intel Core Duo L2400 @ 1.66GHz	459	2460	NA	NA
Intel Core Duo L2500 @ 1.83GHz	486	2440	NA	NA
Intel Core Duo T2050 @ 1.60GHz	450	2467	NA	NA
Intel Core Duo T2250 @ 1.73GHz	491	2437	NA	NA
Intel Core Duo T2300 @ 1.66GHz	473	2447	NA	NA
Intel Core Duo T2350 @ 1.86GHz	495	2432	NA	NA
Intel Core Duo T2400 @ 1.83GHz	518	2424	32.36	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	535	2415	NA	NA
Intel Core Duo T2500 @ 2.00GHz	561	2391	4.68	\$119.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2700 @ 2.33GHz	664	2311	NA	NA
Intel Core Duo U2400 @ 1.06GHz	354	2525	NA	NA
Intel Core Duo U2500 @ 1.20GHz	330	2545	NA	NA
Intel Core i3-330E @ 2.13GHz	1,258	1881	NA	NA
Intel Core i3-330M @ 2.13GHz	1,134	1958	7.56	\$149.95
Intel Core i3-330UM @ 1.20GHz	699	2286	NA	NA
Intel Core i3-350M @ 2.27GHz	1,229	1901	35.47	\$34.65*
Intel Core i3-370M @ 2.40GHz	1,286	1865	36.93	\$34.81*
Intel Core i3-380M @ 2.53GHz	1,228	1903	24.59	\$49.95
Intel Core i3-380UM @ 1.33GHz	754	2240	NA	NA
Intel Core i3-390M @ 2.67GHz	1,410	1795	36.20	\$38.95*
Intel Core i3-530 @ 2.93GHz	1,608	1686	59.55	\$27.00
Intel Core i3-540 @ 3.07GHz	1,551	1722	82.54	\$18.79
Intel Core i3-550 @ 3.20GHz	1,687	1642	10.04	\$167.95*
Intel Core i3-560 @ 3.33GHz	1,908	1544	10.60	\$179.95*
Intel Core i3-1005G1 @ 1.20GHz	5,643	675	20.08	\$281.00*
Intel Core i3-2100 @ 3.10GHz	1,913	1540	63.89	\$29.94
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2100T @ 2.50GHz	1,956	1516	32.61	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3,176	1091	54.75	\$58.00*
Intel Core i3-2105 @ 3.10GHz	2,421	1321	21.06	\$114.99*
Intel Core i3-2120 @ 3.30GHz	2,087	1452	134.12	\$15.56
Intel Core i3-2120T @ 2.60GHz	1,831	1583	61.12	\$29.95*
Intel Core i3-2125 @ 3.30GHz	2,608	1254	12.60	\$207.00*
Intel Core i3-2130 @ 3.40GHz	2,650	1234	103.95	\$25.49
Intel Core i3-2140 @ 3.50GHz	2,811	1187	NA	NA
Intel Core i3-2310E @ 2.10GHz	1,845	1572	8.20	\$225.00*
Intel Core i3-2310M @ 2.10GHz	1,163	1939	29.95	\$38.81*
Intel Core i3-2312M @ 2.10GHz	1,543	1724	NA	NA
Intel Core i3-2328M @ 2.20GHz	1,352	1824	14.54	\$92.97*
Intel Core i3-2330E @ 2.20GHz	2,152	1429	NA	NA
Intel Core i3-2330M @ 2.20GHz	1,255	1884	25.13	\$49.95*
Intel Core i3-2332M @ 2.20GHz	1,668	1653	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Core i3-2348M @ 2.30GHz	1,238	1896	NA	NA
Intel Core i3-2350M @ 2.30GHz	1,572	1707	71.87	\$21.88
Intel Core i3-2357M @ 1.30GHz	1,012	2049	NA	NA
Intel Core i3-2365M @ 1.40GHz	1,094	1986	NA	NA
Intel Core i3-2367M @ 1.40GHz	1,108	1978	NA	NA
Intel Core i3-2370M @ 2.40GHz	1,512	1739	40.87	\$36.99
Intel Core i3-2375M @ 1.50GHz	1,158	1944	NA	NA
Intel Core i3-2377M @ 1.50GHz	1,185	1932	NA	NA
Intel Core i3-3110M @ 2.40GHz	1,743	1621	21.81	\$79.95*
Intel Core i3-3120M @ 2.50GHz	1,948	1523	50.08	\$38.90*
Intel Core i3-3130M @ 2.60GHz	2,202	1409	NA	NA
Intel Core i3-3210 @ 3.20GHz	2,630	1241	13.21	\$199.00*
Intel Core i3-3217U @ 1.80GHz	1,227	1906	5.36	\$228.99
Intel Core i3-3217UE @ 1.60GHz	1,405	1799	NA	NA
Intel Core i3-3220 @ 3.30GHz	2,300	1372	59.76	\$38.49
Intel Core i3-3220T @ 2.80GHz	2,404	1326	20.90	\$115.00
Intel Core i3-3225 @ 3.30GHz	2,101	1446	6.46	\$324.99*
Intel Core i3-3227U @ 1.90GHz	1,606	1688	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1,106	1980	NA	NA
Intel Core i3-3240 @ 3.40GHz	2,362	1343	52.48	\$45.00
Intel Core i3-3240T @ 2.90GHz	2,385	1334	NA	NA
Intel Core i3-3245 @ 3.40GHz	2,908	1163	21.38	\$135.99*
Intel Core i3-3250 @ 3.50GHz	2,554	1280	42.57	\$60.00
Intel Core i3-3250T @ 3.00GHz	3,072	1115	NA	NA
Intel Core i3-4000M @ 2.40GHz	2,116	1439	42.43	\$49.86
Intel Core i3-4005U @ 1.70GHz	1,566	1713	NA	NA
Intel Core i3-4010U @ 1.70GHz	1,682	1644	8.45	\$199.00*
Intel Core i3-4010Y @ 1.30GHz	1,230	1900	NA	NA
Intel Core i3-4012Y @ 1.50GHz	1,515	1738	NA	NA
Intel Core i3-4020Y @ 1.50GHz	1,437	1780	NA	NA
Intel Core i3-4025U @ 1.90GHz	1,944	1524	NA	NA
Intel Core i3-4030U @ 1.90GHz	1,907	1545	NA	NA
Intel Core i3-4030Y @ 1.60GHz	1,755	1615	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4100M @ 2.50GHz	2,400	1329	10.98	\$218.57*
Intel Core i3-4110M @ 2.60GHz	2,698	1218	NA	NA
Intel Core i3-4110U @ 1.90GHz	2,322	1364	NA	NA
Intel Core i3-4120U @ 2.00GHz	2,593	1262	NA	NA
Intel Core i3-4130 @ 3.40GHz	3,397	1042	43.55	\$78.00
Intel Core i3-4130T @ 2.90GHz	2,707	1214	10.89	\$248.56*
Intel Core i3-4150 @ 3.50GHz	3,483	1018	41.48	\$83.96
Intel Core i3-4150T @ 3.00GHz	2,963	1143	12.88	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2,071	1460	NA	NA
Intel Core i3-4160 @ 3.60GHz	3,523	1000	44.05	\$79.99
Intel Core i3-4160T @ 3.10GHz	3,133	1105	20.89	\$149.99*
Intel Core i3-4170 @ 3.70GHz	3,628	984	40.77	\$89.00
Intel Core i3-4170T @ 3.20GHz	3,412	1039	16.25	\$209.95*
Intel Core i3-4330 @ 3.50GHz	3,494	1011	53.76	\$64.99*
Intel Core i3-4330T @ 3.00GHz	2,930	1157	NA	NA
Intel Core i3-4330TE @ 2.40GHz	2,081	1454	NA	NA
Intel Core i3-4340 @ 3.60GHz	3,409	1041	20.05	\$169.99*
Intel Core i3-4350 @ 3.60GHz	3,449	1028	20.29	\$169.99*
Intel Core i3-4350T @ 3.10GHz	3,442	1029	NA	NA
Intel Core i3-4360 @ 3.70GHz	3,699	974	41.10	\$89.99
Intel Core i3-4360T @ 3.20GHz	3,246	1074	NA	NA
Intel Core i3-4370 @ 3.80GHz	3,970	926	12.85	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4,460	844	32.32	\$138.00*
Intel Core i3-4570T @ 2.90GHz	3,454	1026	NA	NA
Intel Core i3-5005U @ 2.00GHz	2,157	1426	NA	NA
Intel Core i3-5010U @ 2.10GHz	2,143	1433	5.10	\$419.99
Intel Core i3-5015U @ 2.10GHz	2,382	1336	NA	NA
Intel Core i3-5020U @ 2.20GHz	2,562	1278	5.58	\$459.00*
Intel Core i3-5157U @ 2.50GHz	2,937	1152	NA	NA
Intel Core i3-6006U @ 2.00GHz	2,362	1342	NA	NA
Intel Core i3-6098P @ 3.60GHz	4,581	820	34.25	\$133.74*
Intel Core i3-6100 @ 3.70GHz	4,303	870	36.17	\$118.99
Intel Core i3-6100E @ 2.70GHz	3,204	1081	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-6100T @ 3.20GHz	3,855	944	28.56	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	3,463	1024	NA	NA
Intel Core i3-6100U @ 2.30GHz	2,845	1181	5.47	\$519.99
Intel Core i3-6102E @ 1.90GHz	3,196	1085	14.20	\$225.00*
Intel Core i3-6157U @ 2.40GHz	3,247	1073	NA	NA
Intel Core i3-6300 @ 3.80GHz	4,674	809	15.58	\$299.99
Intel Core i3-6300T @ 3.30GHz	4,183	891	26.99	\$154.99*
Intel Core i3-6320 @ 3.90GHz	4,844	779	11.90	\$407.00*
Intel Core i3-7020U @ 2.30GHz	2,548	1283	9.07	\$281.00*
Intel Core i3-7100 @ 3.90GHz	4,402	853	35.22	\$124.99
Intel Core i3-7100H @ 3.00GHz	3,845	945	17.09	\$225.00*
Intel Core i3-7100T @ 3.40GHz	4,297	871	38.13	\$112.69
Intel Core i3-7100U @ 2.40GHz	2,866	1176	9.55	\$299.99
Intel Core i3-7101TE @ 3.40GHz	4,645	814	39.70	\$117.00*
Intel Core i3-7102E @ 2.10GHz	3,266	1070	14.52	\$225.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7130U @ 2.70GHz	3,420	1035	7.43	\$459.99*
Intel Core i3-7167U @ 2.80GHz	4,519	831	NA	NA
Intel Core i3-7300 @ 4.00GHz	5,372	714	33.58	\$159.99*
Intel Core i3-7300T @ 3.50GHz	4,833	780	26.61	\$181.59*
Intel Core i3-7320 @ 4.10GHz	5,443	703	29.79	\$182.72*
Intel Core i3-7350K @ 4.20GHz	5,604	680	35.03	\$159.99
Intel Core i3-8100 @ 3.60GHz	6,527	576	54.85	\$119.00
Intel Core i3-8100B @ 3.60GHz	8,499	412	63.90	\$133.00*
Intel Core i3-8100T @ 3.10GHz	6,131	621	37.82	\$162.12*
Intel Core i3-8109U @ 3.00GHz	5,172	747	11.68	\$443.00
Intel Core i3-8121U @ 2.20GHz	4,563	822	9.31	\$489.99
Intel Core i3-8130U @ 2.20GHz	3,768	963	13.41	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5,175	746	18.42	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8,234	429	57.88	\$142.25
Intel Core i3-8300T @ 3.20GHz	7,631	467	44.76	\$170.49*
Intel Core i3-8350K @ 4.00GHz	7,895	455	39.73	\$198.75
Intel Core i3-9100 @ 3.60GHz	7,137	509	52.57	\$135.75

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-9100T @ 3.10GHz	7,690	464	63.03	\$122.00*
Intel Core i3-9300 @ 3.70GHz	10,018	306	65.91	\$152.00*
Intel Core i3-9300T @ 3.20GHz	8,777	389	61.38	\$143.00*
Intel Core i3-9320 @ 3.70GHz	10,144	302	62.62	\$162.00*
Intel Core i3-9350KF @ 4.00GHz	10,562	285	61.90	\$170.62
Intel Core i3-10110U @ 2.10GHz	4,924	775	NA	NA
Intel Core i3-21050 @ 3.10GHz	3,862	941	NA	NA
Intel Core i5 750S @ 2.40GHz	1,428	1785	14.28	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	1,616	1680	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	2,992	1133	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3,125	1107	NA	NA
Intel Core i5-430M @ 2.27GHz	1,257	1883	8.98	\$139.95*
Intel Core i5-430UM @ 1.20GHz	892	2124	NA	NA
Intel Core i5-450M @ 2.40GHz	1,365	1816	42.73	\$31.95*
Intel Core i5-460M @ 2.53GHz	1,323	1846	17.65	\$74.95*
Intel Core i5-470UM @ 1.33GHz	685	2294	NA	NA
Intel Core i5-480M @ 2.67GHz	1,560	1718	19.36	\$80.60*
Intel Core i5-520M @ 2.40GHz	1,728	1626	28.81	\$59.99*
Intel Core i5-520UM @ 1.07GHz	872	2139	NA	NA
Intel Core i5-540M @ 2.53GHz	1,596	1691	23.47	\$68.00*
Intel Core i5-540UM @ 1.20GHz	894	2120	NA	NA
Intel Core i5-560M @ 2.67GHz	1,924	1534	47.15	\$40.81
Intel Core i5-560UM @ 1.33GHz	1,085	1997	NA	NA
Intel Core i5-580M @ 2.67GHz	1,990	1506	18.10	\$109.95*
Intel Core i5-650 @ 3.20GHz	1,843	1575	92.19	\$19.99
Intel Core i5-655K @ 3.20GHz	2,180	1419	36.33	\$59.99*
Intel Core i5-660 @ 3.33GHz	2,396	1330	67.49	\$35.50*
Intel Core i5-661 @ 3.33GHz	2,077	1457	9.03	\$229.99*
Intel Core i5-670 @ 3.47GHz	2,152	1428	7.71	\$279.00*
Intel Core i5-680 @ 3.60GHz	2,274	1384	25.26	\$89.99*
Intel Core i5-750 @ 2.67GHz	2,389	1332	189.57	\$12.60
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-760 @ 2.80GHz	2,266	1388	22.66	\$99.99

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Core i5-1035G1 @ 1.00GHz	7,751	460	26.10	\$297.00*
Intel Core i5-1035G4 @ 1.10GHz	9,792	324	31.69	\$309.00*
Intel Core i5-1035G7 @ 1.20GHz	9,284	362	29.01	\$320.00*
Intel Core i5-2300 @ 2.80GHz	3,224	1078	65.80	\$49.00
Intel Core i5-2310 @ 2.90GHz	3,704	973	26.21	\$141.29*
Intel Core i5-2320 @ 3.00GHz	3,836	947	46.22	\$83.00
Intel Core i5-2380P @ 3.10GHz	3,730	970	8.66	\$430.59*
Intel Core i5-2390T @ 2.70GHz	2,739	1203	27.41	\$99.90*
Intel Core i5-2400 @ 3.10GHz	3,953	930	112.97	\$34.99
Intel Core i5-2400S @ 2.50GHz	3,328	1060	19.35	\$172.00
Intel Core i5-2405S @ 2.50GHz	3,304	1065	15.88	\$208.00*
Intel Core i5-2410M @ 2.30GHz	2,017	1491	29.64	\$68.07
Intel Core i5-2415M @ 2.30GHz	2,143	1432	NA	NA
Intel Core i5-2430M @ 2.40GHz	2,062	1464	20.63	\$99.99
Intel Core i5-2435M @ 2.40GHz	2,086	1453	NA	NA
Intel Core i5-2450M @ 2.50GHz	2,137	1434	47.57	\$44.91
Intel Core i5-2450P @ 3.20GHz	3,997	924	44.42	\$89.99*
Intel Core i5-2467M @ 1.60GHz	1,508	1741	NA	NA
Intel Core i5-2500 @ 3.30GHz	4,255	880	94.56	\$45.00
Intel Core i5-2500K @ 3.30GHz	4,097	901	9.44	\$434.26*
Intel Core i5-2500S @ 2.70GHz	3,429	1033	62.07	\$55.24
Intel Core i5-2500T @ 2.30GHz	3,021	1124	33.57	\$89.99*
Intel Core i5-2510E @ 2.50GHz	2,264	1390	NA	NA
Intel Core i5-2515E @ 2.50GHz	2,154	1427	NA	NA
Intel Core i5-2520M @ 2.50GHz	2,274	1383	43.64	\$52.10*
Intel Core i5-2537M @ 1.40GHz	1,352	1826	NA	NA
Intel Core i5-2540M @ 2.60GHz	2,428	1319	50.57	\$48.02
Intel Core i5-2550K @ 3.40GHz	4,342	864	62.07	\$69.95*
Intel Core i5-2557M @ 1.70GHz	1,755	1616	NA	NA
Intel Core i5-2560M @ 2.70GHz	2,627	1245	NA	NA
Intel Core i5-3170K @ 3.20GHz	8,882	384	NA	NA
Intel Core i5-3210M @ 2.50GHz	2,485	1305	38.80	\$64.04
Intel Core i5-3230M @ 2.60GHz	2,740	1202	12.60	\$217.42*
Intel Core i5-3317U @ 1.70GHz	2,069	1461	9.20	\$225.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3330 @ 3.00GHz	4,205	889	21.04	\$199.88*
Intel Core i5-3330S @ 2.70GHz	3,697	975	41.07	\$90.00
Intel Core i5-3335S @ 2.70GHz	3,767	964	NA	NA
Intel Core i5-3337U @ 1.80GHz	2,293	1375	10.19	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	1,446	1776	NA	NA
Intel Core i5-3340 @ 3.10GHz	4,242	884	24.66	\$172.02
Intel Core i5-3340M @ 2.70GHz	2,883	1170	41.22	\$69.95
Intel Core i5-3340S @ 2.80GHz	3,819	953	25.46	\$149.99*
Intel Core i5-3350P @ 3.10GHz	4,001	922	26.68	\$149.99*
Intel Core i5-3360M @ 2.80GHz	2,983	1138	32.14	\$92.81*
Intel Core i5-3380M @ 2.90GHz	3,046	1120	NA	NA
Intel Core i5-3427U @ 1.80GHz	2,312	1366	5.50	\$420.05*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3437U @ 1.90GHz	2,453	1312	NA	NA
Intel Core i5-3439Y @ 1.50GHz	1,905	1546	NA	NA
Intel Core i5-3450 @ 3.10GHz	4,564	821	21.09	\$216.34*
Intel Core i5-3450S @ 2.80GHz	3,963	927	26.78	\$147.99*
Intel Core i5-3470 @ 3.20GHz	4,696	803	81.70	\$57.48
Intel Core i5-3470S @ 2.90GHz	4,165	895	60.36	\$69.00
Intel Core i5-3470T @ 2.90GHz	3,036	1122	9.83	\$308.95*
Intel Core i5-3475S @ 2.90GHz	4,296	872	29.94	\$143.50*
Intel Core i5-3550 @ 3.30GHz	4,532	827	14.62	\$309.99*
Intel Core i5-3550S @ 3.00GHz	4,502	837	14.88	\$302.45*
Intel Core i5-3570 @ 3.40GHz	5,032	765	79.88	\$62.99
Intel Core i5-3570K @ 3.40GHz	4,943	771	38.03	\$129.99
Intel Core i5-3570S @ 3.10GHz	4,667	810	76.53	\$60.99*
Intel Core i5-3570T @ 2.30GHz	3,864	940	NA	NA
Intel Core i5-3610ME @ 2.70GHz	2,525	1293	NA	NA
Intel Core i5-4200H @ 2.80GHz	2,903	1165	NA	NA
Intel Core i5-4200M @ 2.50GHz	2,716	1209	30.54	\$88.95*
Intel Core i5-4200U @ 1.60GHz	2,347	1349	NA	NA
Intel Core i5-4200Y @ 1.40GHz	1,560	1719	NA	NA
Intel Core i5-4202Y @ 1.60GHz	1,579	1701	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4210M @ 2.60GHz	3,073	1114	9.91	\$309.95*
Intel Core i5-4210U @ 1.70GHz	2,370	1340	NA	NA
Intel Core i5-4210Y @ 1.50GHz	1,542	1725	NA	NA
Intel Core i5-4220Y @ 1.60GHz	1,846	1571	NA	NA
Intel Core i5-4230U @ 1.90GHz	2,612	1251	NA	NA
Intel Core i5-4250U @ 1.30GHz	2,335	1358	6.69	\$349.00*
Intel Core i5-4258U @ 2.40GHz	2,659	1230	NA	NA
Intel Core i5-4260U @ 1.40GHz	2,526	1291	NA	NA
Intel Core i5-4278U @ 2.60GHz	3,147	1102	NA	NA
Intel Core i5-4288U @ 2.60GHz	2,789	1192	NA	NA
Intel Core i5-4300M @ 2.60GHz	2,874	1171	NA	NA
Intel Core i5-4300U @ 1.90GHz	2,580	1271	NA	NA
Intel Core i5-4300Y @ 1.60GHz	1,655	1661	NA	NA
Intel Core i5-4302Y @ 1.60GHz	1,932	1532	NA	NA
Intel Core i5-4308U @ 2.80GHz	2,936	1153	NA	NA
Intel Core i5-4310M @ 2.70GHz	3,360	1054	NA	NA
Intel Core i5-4310U @ 2.00GHz	2,193	1413	NA	NA
Intel Core i5-4330M @ 2.80GHz	2,951	1147	10.73	\$274.99*
Intel Core i5-4340M @ 2.90GHz	3,418	1036	NA	NA
Intel Core i5-4350U @ 1.40GHz	2,347	1350	NA	NA
Intel Core i5-4400E @ 2.70GHz	3,184	1089	11.97	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3,158	1098	NA	NA
Intel Core i5-4422E @ 1.80GHz	2,526	1290	9.50	\$266.00*
Intel Core i5-4430 @ 3.00GHz	4,494	838	64.25	\$69.95
Intel Core i5-4430S @ 2.70GHz	3,890	937	24.31	\$159.99*
Intel Core i5-4440 @ 3.10GHz	4,705	801	9.47	\$497.00*
Intel Core i5-4440S @ 2.80GHz	4,079	905	8.81	\$462.97*
Intel Core i5-4460 @ 3.20GHz	4,923	776	61.54	\$79.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4460S @ 2.90GHz	4,510	834	6.83	\$659.99*
Intel Core i5-4460T @ 1.90GHz	3,491	1013	NA	NA
Intel Core i5-4570 @ 3.20GHz	5,344	720	67.65	\$78.99
Intel Core i5-4570R @ 2.70GHz	4,410	851	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Core i5-4570 @ 2.90GHz	3,132	1106	15.66	\$199.95
Intel Core i5-4570TE @ 2.70GHz	2,679	1225	13.40	\$199.99*
Intel Core i5-4590 @ 3.30GHz	5,471	696	86.87	\$62.98
Intel Core i5-4590S @ 3.00GHz	5,132	752	93.32	\$54.99*
Intel Core i5-4590T @ 2.00GHz	4,149	897	19.76	\$209.95*
Intel Core i5-4670 @ 3.40GHz	5,283	726	53.36	\$99.00
Intel Core i5-4670K @ 3.40GHz	5,723	667	17.89	\$319.95
Intel Core i5-4670K CPT @ 3.40GHz	5,188	743	NA	NA
Intel Core i5-4670R @ 3.00GHz	6,368	595	23.07	\$276.00*
Intel Core i5-4670S @ 3.10GHz	4,814	783	22.60	\$213.00*
Intel Core i5-4670T @ 2.30GHz	4,014	918	15.50	\$259.02*
Intel Core i5-4690 @ 3.50GHz	5,753	662	60.57	\$94.99
Intel Core i5-4690K @ 3.50GHz	5,750	663	38.59	\$149.00
Intel Core i5-4690S @ 3.20GHz	5,229	735	14.56	\$359.21*
Intel Core i5-4690T @ 2.50GHz	4,583	819	NA	NA
Intel Core i5-5200U @ 2.20GHz	2,582	1270	9.19	\$281.00*
Intel Core i5-5250U @ 1.60GHz	2,521	1294	5.70	\$441.89*
Intel Core i5-5257U @ 2.70GHz	3,466	1023	NA	NA
Intel Core i5-5287U @ 2.90GHz	3,760	966	NA	NA
Intel Core i5-5300U @ 2.30GHz	2,868	1174	5.28	\$543.39*
Intel Core i5-5350U @ 1.80GHz	2,834	1182	NA	NA
Intel Core i5-5575R @ 2.80GHz	5,988	633	NA	NA
Intel Core i5-5675C @ 3.10GHz	6,503	579	20.98	\$309.95*
Intel Core i5-5675R @ 3.10GHz	6,792	546	NA	NA
Intel Core i5-6198DU @ 2.30GHz	3,531	997	NA	NA
Intel Core i5-6200U @ 2.30GHz	2,976	1140	NA	NA
Intel Core i5-6260U @ 1.80GHz	3,494	1010	4.89	\$715.00
Intel Core i5-6267U @ 2.90GHz	2,974	1141	NA	NA
Intel Core i5-6287U @ 3.10GHz	4,276	874	14.07	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	4,689	805	NA	NA
Intel Core i5-6300U @ 2.40GHz	3,440	1030	NA	NA
Intel Core i5-6360U @ 2.00GHz	3,921	934	NA	NA
Intel Core i5-6400 @ 2.70GHz	5,411	708	43.29	\$125.00
Intel Core i5-6400T @ 2.20GHz	4,505	836	17.33	\$259.95*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6440EQ @ 2.70GHz	5,461	700	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	5,480	695	NA	NA
Intel Core i5-6442EQ @ 1.90GHz	5,953	636	23.81	\$250.00*
Intel Core i5-6500 @ 3.20GHz	5,722	668	33.66	\$169.99
Intel Core i5-6500T @ 2.50GHz	5,065	762	18.76	\$269.95*
Intel Core i5-6500TE @ 2.30GHz	5,286	725	26.43	\$199.99
Intel Core i5-6600 @ 3.30GHz	6,225	608	23.75	\$262.13*
Intel Core i5-6600K @ 3.50GHz	6,632	563	31.58	\$209.99
Intel Core i5-6600T @ 2.70GHz	5,774	659	19.25	\$299.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7200U @ 2.50GHz	3,539	996	6.81	\$520.00
Intel Core i5-7260U @ 2.20GHz	4,684	806	11.15	\$419.99
Intel Core i5-7267U @ 3.10GHz	4,547	825	NA	NA
Intel Core i5-7287U @ 3.30GHz	5,374	712	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	5,265	733	NA	NA
Intel Core i5-7300U @ 2.60GHz	3,824	951	7.73	\$494.57
Intel Core i5-7360U @ 2.30GHz	5,277	727	NA	NA
Intel Core i5-7400 @ 3.00GHz	5,744	664	27.38	\$209.81
Intel Core i5-7400T @ 2.40GHz	5,195	739	9.89	\$525.00*
Intel Core i5-7440HQ @ 2.80GHz	6,464	584	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	5,606	678	22.42	\$250.00*
Intel Core i5-7500 @ 3.40GHz	6,446	587	34.11	\$189.00
Intel Core i5-7500T @ 2.70GHz	5,810	653	26.41	\$220.00
Intel Core i5-7600 @ 3.50GHz	7,023	523	18.68	\$375.89*
Intel Core i5-7600K @ 3.80GHz	6,740	550	29.69	\$227.00
Intel Core i5-7600T @ 2.80GHz	6,760	548	24.09	\$280.55*
Intel Core i5-7640X @ 4.00GHz	8,496	413	29.32	\$289.76
Intel Core i5-8200Y @ 1.30GHz	4,094	902	14.07	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4,227	885	NA	NA
Intel Core i5-8250U @ 1.60GHz	6,399	590	NA	NA
Intel Core i5-8257U @ 1.40GHz	10,767	277	33.65	\$320.00*
Intel Core i5-8259U @ 2.30GHz	8,810	388	11.92	\$739.00
Intel Core i5-8265U @ 1.60GHz	6,634	562	22.34	\$297.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8279U @ 2.40GHz	10,599	283	33.12	\$320.00*
Intel Core i5-8300H @ 2.30GHz	7,643	465	30.57	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8,550	407	NA	NA
Intel Core i5-8350U @ 1.70GHz	7,269	494	24.48	\$297.00*
Intel Core i5-8365U @ 1.60GHz	7,209	498	9.01	\$799.99
Intel Core i5-8365UE @ 1.60GHz	8,010	448	26.97	\$297.00*
Intel Core i5-8400 @ 2.80GHz	9,440	346	49.69	\$189.99
Intel Core i5-8400H @ 2.50GHz	9,839	318	39.36	\$250.00*
Intel Core i5-8400T @ 1.70GHz	8,068	439	42.69	\$189.00*
Intel Core i5-8500 @ 3.00GHz	9,804	322	31.21	\$314.14
Intel Core i5-8500B @ 3.00GHz	12,119	232	63.12	\$192.00*
Intel Core i5-8500T @ 2.10GHz	8,627	400	36.81	\$234.36*
Intel Core i5-8600 @ 3.10GHz	10,770	276	33.09	\$325.48
Intel Core i5-8600K @ 3.60GHz	10,508	289	40.42	\$260.00
Intel Core i5-8600T @ 2.30GHz	10,579	284	28.83	\$366.99*
Intel Core i5-9300H @ 2.40GHz	8,215	433	32.86	\$250.00*
Intel Core i5-9400 @ 2.90GHz	9,432	349	49.64	\$189.99
Intel Core i5-9400F @ 2.90GHz	9,712	328	64.75	\$149.99
Intel Core i5-9400H @ 2.50GHz	9,654	332	38.62	\$250.00*
Intel Core i5-9400T @ 1.80GHz	9,646	333	53.00	\$182.00*
Intel Core i5-9500 @ 3.00GHz	9,511	341	31.34	\$303.50
Intel Core i5-9500F @ 3.00GHz	11,839	242	58.61	\$202.00*
Intel Core i5-9500T @ 2.20GHz	9,845	316	51.28	\$192.00*
Intel Core i5-9600 @ 3.10GHz	12,392	225	37.23	\$332.81
Intel Core i5-9600K @ 3.70GHz	11,282	262	47.21	\$238.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-9600KF @ 3.70GHz	11,228	263	53.47	\$209.99
Intel Core i5-9600T @ 2.30GHz	11,706	246	54.96	\$213.00*
Intel Core i5-10210U @ 1.60GHz	7,368	485	10.00	\$737.10
Intel Core i5-10210Y @ 1.00GHz	7,124	510	NA	NA
Intel Core i5-10300H @ 2.50GHz	9,501	343	NA	NA
Intel Core i5-24050S @ 2.50GHz	3,204	1082	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	2,931	1155	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is)	Rank (lower is)	CPU Value (higher is)	Price (USD)
Intel Core i7-620LM @ 2.00GHz	1,103	1982	NA	NA
Intel Core i7-620M @ 2.67GHz	1,890	1549	17.18	\$110.01*
Intel Core i7-620UM @ 1.07GHz	870	2141	NA	NA
Intel Core i7-640LM @ 2.13GHz	1,595	1692	NA	NA
Intel Core i7-640M @ 2.80GHz	2,041	1475	10.37	\$196.79*
Intel Core i7-640UM @ 1.20GHz	1,060	2015	NA	NA
Intel Core i7-660UM @ 1.33GHz	1,134	1956	NA	NA
Intel Core i7-680UM @ 1.47GHz	1,134	1957	NA	NA
Intel Core i7-720QM @ 1.60GHz	1,797	1599	35.24	\$50.99
Intel Core i7-740QM @ 1.73GHz	1,844	1574	11.53	\$159.95*
Intel Core i7-820QM @ 1.73GHz	2,090	1451	8.71	\$239.95*
Intel Core i7-840QM @ 1.87GHz	2,118	1438	7.30	\$289.97*
Intel Core i7-860 @ 2.80GHz	2,995	1132	66.73	\$44.88
Intel Core i7-860S @ 2.53GHz	3,197	1084	15.99	\$199.99*
Intel Core i7-870 @ 2.93GHz	3,307	1064	61.30	\$53.95
Intel Core i7-870S @ 2.67GHz	3,152	1099	NA	NA
Intel Core i7-875K @ 2.93GHz	3,522	1001	9.03	\$389.99*
Intel Core i7-880 @ 3.07GHz	3,583	993	6.15	\$583.00*
Intel Core i7-920 @ 2.67GHz	2,888	1168	93.15	\$31.00
Intel Core i7-920XM @ 2.00GHz	2,417	1323	6.99	\$345.99*
Intel Core i7-930 @ 2.80GHz	3,039	1121	30.86	\$98.50*
Intel Core i7-940 @ 2.93GHz	3,458	1025	33.25	\$103.99*
Intel Core i7-940XM @ 2.13GHz	2,548	1284	NA	NA
Intel Core i7-950 @ 3.07GHz	3,164	1095	105.49	\$29.99
Intel Core i7-960 @ 3.20GHz	3,058	1118	10.98	\$278.51*
Intel Core i7-965 @ 3.20GHz	3,803	956	27.17	\$139.99*
Intel Core i7-970 @ 3.20GHz	5,426	706	10.85	\$499.95*
Intel Core i7-975 @ 3.33GHz	3,737	969	46.74	\$79.95
Intel Core i7-980 @ 3.33GHz	5,534	686	27.67	\$199.98*
Intel Core i7-980X @ 3.33GHz	6,197	613	5.63	\$1,099.95*
Intel Core i7-985 @ 3.47GHz	4,649	813	NA	NA
Intel Core i7-990X @ 3.47GHz	5,875	644	22.00	\$267.00
Intel Core i7-995X @ 3.60GHz	6,364	598	NA	NA
Intel Core i7-1065G7 @ 1.30GHz	8,961	378	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2600K @ 3.40GHz	5,537	685	40.66	\$136.20
Intel Core i7-2600S @ 2.80GHz	4,658	811	48.97	\$95.12
Intel Core i7-2610UE @ 1.50GHz	1,613	1683	NA	NA
Intel Core i7-2617M @ 1.50GHz	1,809	1593	NA	NA
Intel Core i7-2620M @ 2.70GHz	2,584	1268	15.22	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	3,472	1021	33.77	\$102.81*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2630UM @ 1.60GHz	1,680	1645	NA	NA
Intel Core i7-2635QM @ 2.00GHz	3,527	998	NA	NA
Intel Core i7-2637M @ 1.70GHz	1,888	1551	NA	NA
Intel Core i7-2640M @ 2.80GHz	2,630	1240	23.95	\$109.81
Intel Core i7-2655LE @ 2.20GHz	2,099	1448	NA	NA
Intel Core i7-2670QM @ 2.20GHz	4,075	906	31.59	\$129.00
Intel Core i7-2675QM @ 2.20GHz	3,599	990	NA	NA
Intel Core i7-2677M @ 1.80GHz	1,843	1577	NA	NA
Intel Core i7-2700K @ 3.50GHz	5,456	702	22.13	\$246.50*
Intel Core i7-2710QE @ 2.10GHz	3,856	943	NA	NA
Intel Core i7-2715QE @ 2.10GHz	3,488	1015	NA	NA
Intel Core i7-2720QM @ 2.20GHz	4,374	859	23.03	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	4,260	879	20.29	\$209.95*
Intel Core i7-2820QM @ 2.30GHz	4,314	867	25.23	\$171.02*
Intel Core i7-2840QM @ 2.40GHz	4,398	855	NA	NA
Intel Core i7-2860QM @ 2.50GHz	4,785	785	8.85	\$541.00*
Intel Core i7-2920XM @ 2.50GHz	4,549	823	10.33	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	4,655	812	11.35	\$409.95*
Intel Core i7-3517U @ 1.90GHz	2,302	1371	NA	NA
Intel Core i7-3517UE @ 1.70GHz	2,025	1486	NA	NA
Intel Core i7-3520M @ 2.90GHz	3,082	1113	23.34	\$132.02*
Intel Core i7-3537U @ 2.00GHz	2,639	1236	NA	NA
Intel Core i7-3540M @ 3.00GHz	3,004	1129	6.99	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	2,578	1272	NA	NA
Intel Core i7-3610QE @ 2.30GHz	4,254	882	NA	NA
Intel Core i7-3610QM @ 2.30GHz	5,457	701	13.64	\$399.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3612QM @ 2.10GHz	4,437	846	NA	NA
Intel Core i7-3615QE @ 2.30GHz	5,118	754	NA	NA
Intel Core i7-3615QM @ 2.30GHz	4,058	911	NA	NA
Intel Core i7-3630QM @ 2.40GHz	5,518	689	23.09	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	4,747	791	22.61	\$209.95
Intel Core i7-3635QM @ 2.40GHz	4,820	781	NA	NA
Intel Core i7-3667U @ 2.00GHz	2,592	1263	NA	NA
Intel Core i7-3687U @ 2.10GHz	2,686	1219	NA	NA
Intel Core i7-3689Y @ 1.50GHz	1,948	1522	NA	NA
Intel Core i7-3720QM @ 2.60GHz	5,640	676	15.54	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	5,823	650	24.27	\$239.95*
Intel Core i7-3770 @ 3.40GHz	6,560	572	50.46	\$130.00
Intel Core i7-3770K @ 3.50GHz	6,596	566	32.98	\$199.99
Intel Core i7-3770S @ 3.10GHz	6,388	592	51.05	\$125.13
Intel Core i7-3770T @ 2.50GHz	5,335	721	16.17	\$329.99*
Intel Core i7-3820 @ 3.60GHz	6,048	628	93.06	\$64.99
Intel Core i7-3820QM @ 2.70GHz	5,701	670	20.00	\$285.00*
Intel Core i7-3840QM @ 2.80GHz	6,290	602	18.78	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	5,839	647	5.33	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	8,026	445	44.59	\$179.99
Intel Core i7-3940XM @ 3.00GHz	5,937	638	9.73	\$609.95*
Intel Core i7-3960X @ 3.30GHz	8,169	434	10.09	\$809.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3970X @ 3.50GHz	8,370	418	21.46	\$389.99*
Intel Core i7-4500U @ 1.80GHz	2,548	1285	NA	NA
Intel Core i7-4510U @ 2.00GHz	2,808	1190	NA	NA
Intel Core i7-4550U @ 1.50GHz	2,573	1273	NA	NA
Intel Core i7-4558U @ 2.80GHz	2,862	1178	NA	NA
Intel Core i7-4560U @ 1.60GHz	3,680	978	NA	NA
Intel Core i7-4578U @ 3.00GHz	3,346	1057	NA	NA
Intel Core i7-4600M @ 2.90GHz	3,524	999	NA	NA
Intel Core i7-4600U @ 2.10GHz	2,657	1232	NA	NA
Intel Core i7-4610M @ 3.00GHz	3,472	1020	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Core i7-4650U @ 1.70GHz	2,566	1276	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	4,683	807	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	5,276	728	13.78	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	5,363	718	28.38	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	5,399	710	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	5,462	699	25.00	\$218.45*
Intel Core i7-4710HQ @ 2.50GHz	5,365	717	14.19	\$378.00*
Intel Core i7-4710MQ @ 2.50GHz	5,411	707	19.93	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	5,270	731	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	5,035	764	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	6,126	623	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	6,475	583	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	5,718	669	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	6,156	616	NA	NA
Intel Core i7-4765T @ 2.00GHz	4,976	770	12.44	\$399.99*
Intel Core i7-4770 @ 3.40GHz	7,190	502	41.58	\$172.92
Intel Core i7-4770HQ @ 2.20GHz	6,425	589	NA	NA
Intel Core i7-4770K @ 3.50GHz	7,145	507	21.26	\$335.98
Intel Core i7-4770R @ 3.20GHz	6,375	593	NA	NA
Intel Core i7-4770S @ 3.10GHz	6,573	571	39.13	\$167.99
Intel Core i7-4770T @ 2.50GHz	5,585	682	13.96	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	5,386	711	NA	NA
Intel Core i7-4771 @ 3.50GHz	6,399	591	39.04	\$163.88
Intel Core i7-4785T @ 2.20GHz	5,513	691	NA	NA
Intel Core i7-4790 @ 3.60GHz	7,291	490	40.51	\$179.99
Intel Core i7-4790K @ 4.00GHz	8,252	428	29.47	\$280.00
Intel Core i7-4790S @ 3.20GHz	6,822	544	26.34	\$259.00
Intel Core i7-4790T @ 2.70GHz	6,353	599	17.65	\$359.99*
Intel Core i7-4800MQ @ 2.70GHz	5,844	646	28.65	\$204.00*
Intel Core i7-4810MQ @ 2.80GHz	5,686	672	29.94	\$189.95*
Intel Core i7-4820K @ 3.70GHz	7,049	518	32.04	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	5,883	643	13.56	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	6,320	601	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	6,487	581	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4900MQ @ 2.80GHz	6,688	555	11.40	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	6,582	569	14.31	\$459.95*
Intel Core i7-4930K @ 3.40GHz	9,079	370	11.35	\$799.97*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4930MX @ 3.00GHz	6,129	622	5.59	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	6,813	545	9.73	\$699.95*
Intel Core i7-4960HQ @ 2.60GHz	6,437	588	10.33	\$623.00*
Intel Core i7-4960X @ 3.60GHz	8,969	377	11.65	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	7,219	497	NA	NA
Intel Core i7-5500U @ 2.40GHz	2,819	1184	NA	NA
Intel Core i7-5550U @ 2.00GHz	3,370	1050	NA	NA
Intel Core i7-5557U @ 3.10GHz	3,962	928	4.89	\$809.99
Intel Core i7-5600U @ 2.60GHz	3,009	1127	NA	NA
Intel Core i7-5650U @ 2.20GHz	3,394	1043	NA	NA
Intel Core i7-5675C @ 3.10GHz	6,664	558	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	6,592	567	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	6,188	614	NA	NA
Intel Core i7-5775C @ 3.30GHz	8,354	422	12.17	\$686.32*
Intel Core i7-5775R @ 3.30GHz	9,248	363	NA	NA
Intel Core i7-5820K @ 3.30GHz	9,377	352	41.68	\$225.00
Intel Core i7-5850EQ @ 2.70GHz	9,326	358	21.44	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	7,567	473	17.44	\$434.00*
Intel Core i7-5930K @ 3.50GHz	10,492	290	38.86	\$269.99
Intel Core i7-5950HQ @ 2.90GHz	8,685	395	NA	NA
Intel Core i7-5960X @ 3.00GHz	11,941	241	12.55	\$951.31*
Intel Core i7-6498DU @ 2.50GHz	3,801	957	NA	NA
Intel Core i7-6500U @ 2.50GHz	3,370	1049	8.58	\$393.00*
Intel Core i7-6560U @ 2.20GHz	4,092	903	NA	NA
Intel Core i7-6567U @ 3.30GHz	4,748	790	NA	NA
Intel Core i7-6600U @ 2.60GHz	3,827	949	NA	NA
Intel Core i7-6650U @ 2.20GHz	4,000	923	NA	NA
Intel Core i7-6700 @ 3.40GHz	8,109	437	30.03	\$269.99
Intel Core i7-6700HQ @ 2.60GHz	6,719	552	17.78	\$378.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6700T @ 2.80GHz	7,197	500	35.99	\$199.99
Intel Core i7-6700TE @ 2.40GHz	7,373	484	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	8,048	443	5.94	\$1,354.99
Intel Core i7-6800K @ 3.40GHz	11,137	268	37.25	\$299.00
Intel Core i7-6820EQ @ 2.80GHz	7,381	483	NA	NA
Intel Core i7-6820HK @ 2.70GHz	7,283	491	19.27	\$378.00*
Intel Core i7-6820HQ @ 2.70GHz	6,918	537	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	5,526	687	NA	NA
Intel Core i7-6850K @ 3.60GHz	11,705	247	31.34	\$373.50*
Intel Core i7-6900K @ 3.20GHz	14,941	154	21.34	\$700.00
Intel Core i7-6920HQ @ 2.90GHz	7,729	462	13.61	\$568.00*
Intel Core i7-6950X @ 3.00GHz	16,927	118	10.42	\$1,624.99
Intel Core i7-7500U @ 2.70GHz	3,451	1027	NA	NA
Intel Core i7-7560U @ 2.40GHz	5,193	740	NA	NA
Intel Core i7-7567U @ 3.50GHz	5,815	652	6.76	\$859.99
Intel Core i7-7600U @ 2.80GHz	3,904	936	NA	NA
Intel Core i7-7660U @ 2.50GHz	4,737	793	NA	NA
Intel Core i7-7700 @ 3.60GHz	8,898	381	26.17	\$339.98
Intel Core i7-7700HQ @ 2.80GHz	7,317	489	19.36	\$378.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7700K @ 4.20GHz	9,989	308	24.64	\$405.39
Intel Core i7-7700T @ 2.90GHz	8,219	431	21.35	\$385.00*
Intel Core i7-7740X @ 4.30GHz	9,816	321	24.60	\$399.00
Intel Core i7-7800X @ 3.50GHz	13,572	192	26.66	\$508.99*
Intel Core i7-7820EQ @ 3.00GHz	9,144	368	24.19	\$378.00*
Intel Core i7-7820HK @ 2.90GHz	8,148	435	21.56	\$378.00*
Intel Core i7-7820HQ @ 2.90GHz	7,609	469	20.13	\$378.00*
Intel Core i7-7820X @ 3.60GHz	17,300	112	18.33	\$944.00*
Intel Core i7-7900X @ 3.30GHz	18,427	88	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9,005	375	15.85	\$568.00*
Intel Core i7-8086K @ 4.00GHz	14,695	160	26.57	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3,773	960	9.60	\$393.00*
Intel Core i7-8550U @ 1.80GHz	6,104	625	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is)	Rank (lower is)	CPU Value (higher is)	Price (USD)
Intel Core i7-8559U @ 2.70GHz	11,606	255	12.90	\$899.99*
Intel Core i7-8565U @ 1.80GHz	6,911	538	NA	NA
Intel Core i7-8650U @ 1.90GHz	6,645	559	16.21	\$409.99*
Intel Core i7-8665U @ 1.90GHz	7,421	479	18.14	\$409.00*
Intel Core i7-8665UE @ 1.70GHz	8,731	393	21.35	\$409.00*
Intel Core i7-8700 @ 3.20GHz	13,521	193	34.85	\$388.00
Intel Core i7-8700B @ 3.20GHz	14,179	176	46.79	\$303.00*
Intel Core i7-8700K @ 3.70GHz	14,264	173	33.78	\$422.25
Intel Core i7-8700T @ 2.40GHz	10,644	282	21.33	\$499.00
Intel Core i7-8705G @ 3.10GHz	8,768	390	6.22	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10,013	307	NA	NA
Intel Core i7-8709G @ 3.10GHz	9,291	361	NA	NA
Intel Core i7-8750H @ 2.20GHz	10,396	293	26.32	\$395.00*
Intel Core i7-8809G @ 3.10GHz	9,435	348	NA	NA
Intel Core i7-8850H @ 2.60GHz	10,363	294	26.24	\$395.00*
Intel Core i7-9700 @ 3.00GHz	14,329	169	34.87	\$410.99
Intel Core i7-9700F @ 3.00GHz	15,450	141	46.82	\$329.99
Intel Core i7-9700K @ 3.60GHz	15,019	149	37.74	\$398.00
Intel Core i7-9700KF @ 3.60GHz	15,417	142	42.83	\$359.99*
Intel Core i7-9700T @ 2.00GHz	12,108	234	37.49	\$323.00*
Intel Core i7-9700TE @ 1.80GHz	12,688	217	39.28	\$323.00*
Intel Core i7-9750H @ 2.60GHz	11,646	253	29.48	\$395.00*
Intel Core i7-9750HF @ 2.60GHz	13,377	198	33.86	\$395.00*
Intel Core i7-9800X @ 3.80GHz	18,394	92	29.70	\$619.24
Intel Core i7-9850H @ 2.60GHz	12,148	231	30.75	\$395.00*
Intel Core i7-9850HL @ 1.90GHz	11,340	259	28.71	\$395.00*
Intel Core i7-10510U @ 1.80GHz	7,991	450	19.54	\$409.00*
Intel Core i7-10710U @ 1.10GHz	10,518	288	16.97	\$619.99
Intel Core i7-10750H @ 2.60GHz	16,137	129	NA	NA
Intel Core i9-7900X @ 3.30GHz	21,593	63	18.78	\$1,149.99
Intel Core i9-7920X @ 2.90GHz	23,219	51	24.45	\$949.75
Intel Core i9-7940X @ 3.10GHz	26,252	32	26.04	\$1,008.00*
Intel Core i9-7960X @ 2.80GHz	23,431	48	17.36	\$1,349.99*
Intel Core i9-7980XE @ 2.60GHz	27,774	26	17.70	\$1,569.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-9820X @ 3.30GHz	20,901	68	34.89	\$599.00
Intel Core i9-9880H @ 2.30GHz	14,187	174	25.52	\$556.00*
Intel Core i9-9900 @ 3.10GHz	17,295	113	30.02	\$576.09
Intel Core i9-9900K @ 3.60GHz	19,064	85	35.30	\$540.00
Intel Core i9-9900KF @ 3.60GHz	19,406	80	37.14	\$522.44
Intel Core i9-9900KS @ 4.00GHz	20,276	73	31.20	\$649.99*
Intel Core i9-9900T @ 2.10GHz	14,813	155	33.74	\$439.00*
Intel Core i9-9900X @ 3.50GHz	21,455	65	19.62	\$1,093.77*
Intel Core i9-9920X @ 3.50GHz	23,970	46	18.67	\$1,284.02*
Intel Core i9-9940X @ 3.30GHz	25,430	39	31.79	\$799.99
Intel Core i9-9960X @ 3.10GHz	28,336	22	20.90	\$1,355.88*
Intel Core i9-9980HK @ 2.40GHz	16,562	125	28.41	\$583.00*
Intel Core i9-9980XE @ 3.00GHz	28,160	24	14.90	\$1,889.99*
Intel Core i9-10900X @ 3.70GHz	23,033	54	31.17	\$738.99
Intel Core i9-10920X @ 3.50GHz	26,793	29	31.52	\$849.99
Intel Core i9-10940X @ 3.30GHz	30,073	18	27.34	\$1,099.99
Intel Core i9-10980XE @ 3.00GHz	33,404	10	34.12	\$979.00*
Intel Core m3-6Y30 @ 0.90GHz	2,421	1322	8.61	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	2,986	1137	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3,052	1119	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3,210	1080	11.42	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	2,680	1224	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	2,553	1282	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	2,022	1488	NA	NA
Intel Core M-5Y10 @ 0.80GHz	1,857	1568	NA	NA
Intel Core M-5Y10a @ 0.80GHz	1,910	1543	NA	NA
Intel Core M-5Y10c @ 0.80GHz	1,977	1510	7.04	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2,226	1400	NA	NA
Intel Core M-5Y51 @ 1.10GHz	1,964	1512	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2,036	1478	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2,092	1450	7.44	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	256	2629	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Solo T1400 @ 1.83GHz	306	2566	NA	NA
Intel Core Solo U1300 @ 1.06GHz	176	2742	NA	NA
Intel Core Solo U1400 @ 1.20GHz	181	2736	NA	NA
Intel Core Solo U1500 @ 1.33GHz	215	2681	NA	NA
Intel Pentium 4 1.50GHz	86	2821	NA	NA
Intel Pentium 4 1.60GHz	84	2822	NA	NA
Intel Pentium 4 1.70GHz	86	2820	NA	NA
Intel Pentium 4 1.80GHz	105	2812	NA	NA
Intel Pentium 4 1.90GHz	104	2813	NA	NA
Intel Pentium 4 2.00GHz	123	2798	NA	NA
Intel Pentium 4 2.20GHz	136	2787	NA	NA
Intel Pentium 4 2.26GHz	144	2778	NA	NA
Intel Pentium 4 2.40GHz	148	2772	NA	NA
Intel Pentium 4 2.50GHz	160	2759	NA	NA
Intel Pentium 4 2.53GHz	161	2756	NA	NA
Intel Pentium 4 2.60GHz	187	2724	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.66GHz	165	2750	NA	NA
Intel Pentium 4 2.80GHz	209	2687	NA	NA
Intel Pentium 4 2.93GHz	191	2722	NA	NA
Intel Pentium 4 3.00GHz	230	2665	NA	NA
Intel Pentium 4 3.06GHz	225	2667	NA	NA
Intel Pentium 4 3.20GHz	243	2644	NA	NA
Intel Pentium 4 3.40GHz	282	2596	NA	NA
Intel Pentium 4 3.46GHz	295	2579	NA	NA
Intel Pentium 4 3.60GHz	316	2556	NA	NA
Intel Pentium 4 3.73GHz	316	2553	NA	NA
Intel Pentium 4 3.80GHz	316	2555	NA	NA
Intel Pentium 4 3.83GHz	186	2725	NA	NA
Intel Pentium 4 1300MHz	77	2826	NA	NA
Intel Pentium 4 1400MHz	83	2824	NA	NA
Intel Pentium 4 1500MHz	81	2825	NA	NA
Intel Pentium 4 1700MHz	100	2815	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 Mobile 1.60GHz	116	2803	NA	NA
Intel Pentium 4 Mobile 1.80GHz	114	2807	NA	NA
Intel Pentium 4 Mobile 1.90GHz	136	2786	NA	NA
Intel Pentium 4 Mobile 2.00GHz	132	2792	NA	NA
Intel Pentium 957 @ 1.20GHz	712	2273	5.31	\$134.00*
Intel Pentium 967 @ 1.30GHz	629	2348	NA	NA
Intel Pentium 987 @ 1.50GHz	795	2203	NA	NA
Intel Pentium 997 @ 1.60GHz	907	2111	NA	NA
Intel Pentium 1403 @ 2.60GHz	1,783	1604	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	2,868	1175	NA	NA
Intel Pentium 2020M @ 2.40GHz	1,478	1760	11.03	\$134.00*
Intel Pentium 2030M @ 2.50GHz	1,572	1709	11.73	\$134.00*
Intel Pentium 2117U @ 1.80GHz	763	2228	5.70	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1,145	1947	8.55	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	691	2289	5.16	\$134.00*
Intel Pentium 3550M @ 2.30GHz	1,588	1696	NA	NA
Intel Pentium 3556U @ 1.70GHz	1,081	2001	NA	NA
Intel Pentium 3558U @ 1.70GHz	1,166	1937	NA	NA
Intel Pentium 3560M @ 2.40GHz	1,588	1697	NA	NA
Intel Pentium 3560Y @ 1.20GHz	824	2186	NA	NA
Intel Pentium 3805U @ 1.90GHz	1,242	1892	NA	NA
Intel Pentium 3825U @ 1.90GHz	1,718	1629	NA	NA
Intel Pentium 4405U @ 2.10GHz	2,344	1353	NA	NA
Intel Pentium 4405Y @ 1.50GHz	1,751	1617	NA	NA
Intel Pentium 4410Y @ 1.50GHz	1,845	1573	11.46	\$161.00*
Intel Pentium 4415U @ 2.30GHz	2,343	1355	NA	NA
Intel Pentium 4415Y @ 1.60GHz	1,834	1582	11.39	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3,201	1083	19.88	\$161.00*
Intel Pentium 5405U @ 2.30GHz	2,601	1257	16.16	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1,124	1967	NA	NA
Intel Pentium A1020 @ 2.41GHz	2,096	1449	NA	NA
Intel Pentium B940 @ 2.00GHz	926	2100	30.93	\$29.94*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium B960 @ 2.20GHz	1,048	2025	27.09	\$38.68
Intel Pentium B970 @ 2.30GHz	1,267	1875	24.85	\$50.99*
Intel Pentium B980 @ 2.40GHz	1,315	1853	18.81	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3,432	1032	26.60	\$129.00*
Intel Pentium D 805 @ 2.66GHz	345	2530	NA	NA
Intel Pentium D 830 @ 3.00GHz	417	2481	NA	NA
Intel Pentium D 915 @ 2.80GHz	406	2492	NA	NA
Intel Pentium D 940 @ 3.20GHz	462	2456	NA	NA
Intel Pentium D 950 @ 3.40GHz	482	2443	NA	NA
Intel Pentium D 960 @ 3.60GHz	527	2419	NA	NA
Intel Pentium E2140 @ 1.60GHz	565	2388	6.28	\$89.95*
Intel Pentium E2160 @ 1.80GHz	647	2334	41.71	\$15.51*
Intel Pentium E2180 @ 2.00GHz	707	2276	5.24	\$134.96*
Intel Pentium E2200 @ 2.20GHz	824	2185	10.99	\$75.00*
Intel Pentium E2210 @ 2.20GHz	763	2229	NA	NA
Intel Pentium E2220 @ 2.40GHz	864	2147	10.05	\$85.99*
Intel Pentium E5200 @ 2.50GHz	966	2077	16.11	\$59.95*
Intel Pentium E5300 @ 2.60GHz	1,062	2012	81.78	\$12.99
Intel Pentium E5400 @ 2.70GHz	1,050	2024	59.14	\$17.76*
Intel Pentium E5500 @ 2.80GHz	1,074	2005	82.91	\$12.95
Intel Pentium E5700 @ 3.00GHz	1,131	1963	56.56	\$19.99
Intel Pentium E5800 @ 3.20GHz	1,228	1904	84.24	\$14.58
Intel Pentium E6300 @ 2.80GHz	866	2145	8.66	\$99.99*
Intel Pentium E6500 @ 2.93GHz	1,148	1946	7.27	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1,208	1914	12.08	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1,254	1886	97.56	\$12.85
Intel Pentium E6800 @ 3.33GHz	1,283	1867	85.62	\$14.99
Intel Pentium Extreme Edition 955 @ 3.46GHz	593	2380	18.99	\$31.23*
Intel Pentium Extreme Edition 965 @ 3.73GHz	625	2352	NA	NA
Intel Pentium G620 @ 2.60GHz	1,319	1849	52.76	\$24.99*
Intel Pentium G620T @ 2.20GHz	1,310	1855	16.37	\$79.99*
Intel Pentium G630 @ 2.70GHz	1,490	1749	16.56	\$90.00*
Intel Pentium G630T @ 2.30GHz	1,356	1819	16.96	\$79.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G640T @ 2.40GHz	1,286	1864	NA	NA
Intel Pentium G645 @ 2.90GHz	1,602	1689	53.41	\$30.00
Intel Pentium G645T @ 2.50GHz	1,450	1773	NA	NA
Intel Pentium G840 @ 2.80GHz	1,665	1655	47.58	\$34.99*
Intel Pentium G850 @ 2.90GHz	1,725	1627	9.18	\$187.99
Intel Pentium G860 @ 3.00GHz	1,609	1685	53.64	\$29.99*
Intel Pentium G870 @ 3.10GHz	1,812	1591	18.68	\$97.00*
Intel Pentium G2010 @ 2.80GHz	1,416	1793	28.32	\$50.00*
Intel Pentium G2020 @ 2.90GHz	1,841	1579	30.70	\$59.95*
Intel Pentium G2020T @ 2.50GHz	1,573	1706	33.05	\$47.60*
Intel Pentium G2030 @ 3.00GHz	1,690	1641	44.46	\$38.00
Intel Pentium G2030T @ 2.60GHz	1,623	1676	25.36	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2,349	1348	NA	NA
Intel Pentium G2120 @ 3.10GHz	2,002	1500	12.55	\$159.55*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2130 @ 3.20GHz	2,053	1468	41.06	\$49.99*
Intel Pentium G2140 @ 3.30GHz	2,195	1411	26.91	\$81.56*
Intel Pentium G3220 @ 3.00GHz	2,031	1482	23.64	\$85.93
Intel Pentium G3220T @ 2.60GHz	1,794	1600	17.94	\$99.99
Intel Pentium G3240 @ 3.10GHz	1,917	1537	27.39	\$69.99
Intel Pentium G3240T @ 2.70GHz	1,875	1558	NA	NA
Intel Pentium G3250 @ 3.20GHz	2,270	1385	75.65	\$30.00
Intel Pentium G3250T @ 2.80GHz	2,080	1455	23.11	\$89.99*
Intel Pentium G3258 @ 3.20GHz	2,535	1286	18.91	\$134.00
Intel Pentium G3260 @ 3.30GHz	2,686	1220	20.66	\$129.99*
Intel Pentium G3260T @ 2.90GHz	2,344	1354	26.05	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	1,553	1721	NA	NA
Intel Pentium G3420 @ 3.20GHz	2,184	1415	29.13	\$74.98
Intel Pentium G3420T @ 2.70GHz	2,106	1445	13.16	\$159.99*
Intel Pentium G3430 @ 3.30GHz	2,208	1403	24.54	\$89.99*
Intel Pentium G3440 @ 3.30GHz	2,327	1362	14.55	\$159.94*
Intel Pentium G3440T @ 2.80GHz	2,171	1424	NA	NA
Intel Pentium G3450 @ 3.40GHz	2,587	1265	103.70	\$24.95*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3460 @ 3.50GHz	2,511	1299	8.71	\$288.20*
Intel Pentium G3470 @ 3.60GHz	2,972	1142	28.49	\$104.29*
Intel Pentium G4400 @ 3.30GHz	2,786	1195	36.67	\$75.98
Intel Pentium G4400T @ 2.90GHz	2,519	1296	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2,741	1201	42.83	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3,017	1126	37.76	\$79.90
Intel Pentium G4500T @ 3.00GHz	2,950	1148	NA	NA
Intel Pentium G4520 @ 3.60GHz	3,348	1056	30.44	\$109.99*
Intel Pentium G4560 @ 3.50GHz	3,683	977	54.28	\$67.85
Intel Pentium G4560T @ 2.90GHz	3,495	1009	31.78	\$109.99*
Intel Pentium G4600 @ 3.60GHz	4,307	868	61.52	\$70.00
Intel Pentium G4600T @ 3.00GHz	3,840	946	21.66	\$177.28*
Intel Pentium G4620 @ 3.70GHz	4,434	847	39.01	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1,204	1917	41.53	\$29.00
Intel Pentium G6951 @ 2.80GHz	1,388	1806	14.77	\$94.00*
Intel Pentium G6960 @ 2.93GHz	1,328	1844	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	4,083	904	63.60	\$64.20
Intel Pentium Gold G5400T @ 3.10GHz	4,518	832	70.59	\$64.00*
Intel Pentium Gold G5420 @ 3.80GHz	5,267	732	71.19	\$73.99
Intel Pentium Gold G5420T @ 3.20GHz	5,156	750	80.56	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	4,936	773	33.98	\$145.24
Intel Pentium Gold G5500T @ 3.20GHz	4,129	900	55.05	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5,293	724	26.18	\$202.21*
Intel Pentium Gold G5600F @ 3.90GHz	5,736	666	NA	NA
Intel Pentium Gold G5620 @ 4.00GHz	5,655	673	36.99	\$152.87
Intel Pentium III 1400 @ 1400MHz	193	2717	NA	NA
Intel Pentium III 1400S @ 1400MHz	194	2713	NA	NA
Intel Pentium III Mobile 800MHz	119	2800	NA	NA
Intel Pentium III Mobile 866MHz	99	2816	NA	NA
Intel Pentium III Mobile 1066MHz	160	2758	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 1133MHz	164	2754	NA	NA
Intel Pentium III Mobile 1200MHz	156	2764	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Pentium J2900 @ 2.41GHz	1,382	1813	NA	NA
Intel Pentium J3710 @ 1.60GHz	1,623	1675	NA	NA
Intel Pentium J4205 @ 1.50GHz	1,925	1533	NA	NA
Intel Pentium M 1.10GHz	184	2729	NA	NA
Intel Pentium M 1.20GHz	194	2714	NA	NA
Intel Pentium M 1.30GHz	196	2707	NA	NA
Intel Pentium M 1.40GHz	225	2670	NA	NA
Intel Pentium M 1.50GHz	238	2651	NA	NA
Intel Pentium M 1.60GHz	237	2655	NA	NA
Intel Pentium M 1.70GHz	264	2618	NA	NA
Intel Pentium M 1.73GHz	268	2610	NA	NA
Intel Pentium M 1.80GHz	268	2611	NA	NA
Intel Pentium M 1.86GHz	286	2590	NA	NA
Intel Pentium M 2.00GHz	300	2573	NA	NA
Intel Pentium M 2.10GHz	292	2583	NA	NA
Intel Pentium M 2.13GHz	324	2548	NA	NA
Intel Pentium M 2.26GHz	331	2544	NA	NA
Intel Pentium M 900MHz	141	2781	NA	NA
Intel Pentium M 1000MHz	152	2769	NA	NA
Intel Pentium M 1200MHz	155	2766	NA	NA
Intel Pentium M 1300MHz	197	2702	NA	NA
Intel Pentium M 1400MHz	208	2689	NA	NA
Intel Pentium M 1500MHz	225	2668	NA	NA
Intel Pentium M 1600MHz	218	2675	NA	NA
Intel Pentium M 1700MHz	245	2640	NA	NA
Intel Pentium N3510 @ 1.99GHz	987	2061	NA	NA
Intel Pentium N3520 @ 2.16GHz	1,172	1934	NA	NA
Intel Pentium N3530 @ 2.16GHz	1,334	1839	NA	NA
Intel Pentium N3540 @ 2.16GHz	1,241	1894	4.95	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1,271	1873	2.86	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1,471	1762	NA	NA
Intel Pentium N4200 @ 1.10GHz	2,182	1418	9.54	\$228.71*
Intel Pentium P6000 @ 1.87GHz	809	2197	NA	NA
Intel Pentium P6100 @ 2.00GHz	804	2200	28.27	\$28.44*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium P6300 @ 2.27GHz	892	2122	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2,616	1250	8.18	\$320.00
Intel Pentium Silver J5040 @ 2.00GHz	3,319	1061	NA	NA
Intel Pentium Silver N5000 @ 1.10GHz	2,759	1199	17.14	\$161.00*
Intel Pentium Silver N5030 @ 1.10GHz	2,345	1351	NA	NA
Intel Pentium SU2700 @ 1.30GHz	267	2612	NA	NA
Intel Pentium SU4100 @ 1.30GHz	556	2399	NA	NA
Intel Pentium T2060 @ 1.60GHz	432	2476	NA	NA
Intel Pentium T2080 @ 1.73GHz	459	2457	2.87	\$159.95*
Intel Pentium T2130 @ 1.86GHz	459	2459	NA	NA
Intel Pentium T2310 @ 1.46GHz	478	2446	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2330 @ 1.60GHz	540	2410	NA	NA
Intel Pentium T2370 @ 1.73GHz	551	2401	15.74	\$35.00*
Intel Pentium T2390 @ 1.86GHz	619	2356	NA	NA
Intel Pentium T2410 @ 2.00GHz	635	2341	NA	NA
Intel Pentium T3200 @ 2.00GHz	673	2305	56.05	\$12.00*
Intel Pentium T3400 @ 2.16GHz	660	2319	7.34	\$89.95*
Intel Pentium T4200 @ 2.00GHz	749	2242	62.43	\$12.00*
Intel Pentium T4300 @ 2.10GHz	836	2171	NA	NA
Intel Pentium T4400 @ 2.20GHz	834	2174	NA	NA
Intel Pentium T4500 @ 2.30GHz	867	2144	NA	NA
Intel Pentium U5400 @ 1.20GHz	529	2416	NA	NA
Intel Pentium U5600 @ 1.33GHz	618	2357	NA	NA
Intel T1400 @ 1.73GHz	604	2368	NA	NA
Intel T1500 @ 1.86GHz	635	2342	NA	NA
Intel T2050 @ 2.00GHz	623	2354	NA	NA
Intel Xeon 2.00GHz	152	2768	NA	NA
Intel XEON 2.20GHz	164	2752	NA	NA
Intel Xeon 2.40GHz	180	2737	19.73	\$9.10*
Intel Xeon 2.80GHz	260	2624	NA	NA
Intel Xeon 3.00GHz	254	2632	NA	NA
Intel Xeon 3.20GHz	300	2574	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3.60GHz	331	2543	0.39	\$851.00*
Intel Xeon 3.73GHz	677	2301	NA	NA
Intel Xeon 3.80GHz	393	2502	0.46	\$851.00*
Intel Xeon 3040 @ 1.86GHz	831	2179	33.18	\$25.04*
Intel Xeon 3050 @ 2.13GHz	845	2160	5.35	\$157.95*
Intel Xeon 3060 @ 2.40GHz	987	2062	42.94	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1,028	2036	49.17	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1,160	1942	6.55	\$176.96*
Intel Xeon 3075 @ 2.66GHz	1,196	1924	3.42	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1,418	1792	NA	NA
Intel Xeon 5110 @ 1.60GHz	705	2279	20.15	\$35.00*
Intel Xeon 5120 @ 1.86GHz	838	2167	0.52	\$1,619.99
Intel Xeon 5130 @ 2.00GHz	888	2125	18.13	\$48.99*
Intel Xeon 5133 @ 2.20GHz	1,039	2030	NA	NA
Intel Xeon 5140 @ 2.33GHz	1,064	2009	42.57	\$24.99*
Intel Xeon 5148 @ 2.33GHz	1,034	2035	78.76	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1,132	1960	8.09	\$139.95*
Intel Xeon 5160 @ 3.00GHz	1,274	1872	25.49	\$49.99*
Intel Xeon @ 2.00GHz	11,327	261	NA	NA
Intel Xeon @ 2.20GHz	1,807	1594	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5,131	753	22.31	\$229.99
Intel Xeon Bronze 3106 @ 1.70GHz	6,542	573	19.82	\$329.99
Intel Xeon Bronze 3204 @ 1.90GHz	6,248	606	22.97	\$272.02*
Intel Xeon D-1518 @ 2.20GHz	4,524	829	NA	NA
Intel Xeon D-1520 @ 2.20GHz	4,604	817	NA	NA
Intel Xeon D-1521 @ 2.40GHz	5,933	639	NA	NA
Intel Xeon D-1528 @ 1.90GHz	6,979	529	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1531 @ 2.20GHz	8,679	396	24.94	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	8,023	447	14.05	\$571.00*
Intel Xeon D-1539 @ 1.60GHz	8,443	415	17.37	\$486.00*
Intel Xeon D-1540 @ 2.00GHz	8,593	402	NA	NA
Intel Xeon D-1541 @ 2.10GHz	9,364	355	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Xeon D-1557 @ 1.50GHz	10,950	271	15.78	\$694.00*
Intel Xeon D-1559 @ 1.50GHz	7,819	457	NA	NA
Intel Xeon D-1567 @ 2.10GHz	13,034	209	NA	NA
Intel Xeon D-1587 @ 1.70GHz	11,942	240	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	7,743	461	36.35	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12,195	229	21.97	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13,126	205	23.19	\$566.00*
Intel Xeon D-2146NT @ 2.30GHz	12,057	237	18.81	\$641.00*
Intel Xeon D-2166NT @ 2.00GHz	15,922	133	15.84	\$1,005.00*
Intel Xeon D-2183IT @ 2.20GHz	18,412	89	10.44	\$1,764.00*
Intel Xeon D-2187NT @ 2.00GHz	19,741	76	9.93	\$1,989.00*
Intel Xeon E3-1205 v6 @ 3.00GHz	7,360	486	38.13	\$193.00*
Intel Xeon E3-1220 @ 3.10GHz	4,069	908	119.68	\$34.00
Intel Xeon E3-1220 V2 @ 3.10GHz	4,731	796	107.55	\$43.99
Intel Xeon E3-1220 v3 @ 3.10GHz	4,928	774	29.22	\$168.68
Intel Xeon E3-1220 v5 @ 3.00GHz	6,215	611	41.43	\$150.00
Intel Xeon E3-1220 v6 @ 3.00GHz	6,975	530	29.29	\$238.17
Intel Xeon E3-1220L @ 2.20GHz	2,344	1352	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	3,094	1111	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	1,449	1774	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	3,784	959	77.25	\$48.99
Intel Xeon E3-1225 V2 @ 3.20GHz	4,720	799	87.43	\$53.99
Intel Xeon E3-1225 v3 @ 3.20GHz	5,110	756	78.63	\$64.99
Intel Xeon E3-1225 v5 @ 3.30GHz	6,666	557	15.36	\$434.14
Intel Xeon E3-1225 v6 @ 3.30GHz	7,163	505	25.06	\$285.79
Intel Xeon E3-1226 v3 @ 3.30GHz	5,463	698	9.18	\$595.00*
Intel Xeon E3-1230 @ 3.20GHz	5,104	757	72.92	\$70.00
Intel Xeon E3-1230 V2 @ 3.30GHz	6,286	603	81.95	\$76.70
Intel Xeon E3-1230 v3 @ 3.30GHz	6,645	560	66.46	\$99.99
Intel Xeon E3-1230 v5 @ 3.40GHz	7,520	476	22.02	\$341.53*
Intel Xeon E3-1230 v6 @ 3.50GHz	8,859	385	32.81	\$269.99
Intel Xeon E3-1230L v3 @ 1.80GHz	4,700	802	15.72	\$299.00
Intel Xeon E3-1231 v3 @ 3.40GHz	6,939	535	37.17	\$186.68
Intel Xeon E3-1235 @ 3.20GHz	5,044	763	21.55	\$234.00

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1240 @ 3.30GHz	5,189	742	86.49	\$59.99
Intel Xeon E3-1240 V2 @ 3.40GHz	6,519	577	67.22	\$96.99
Intel Xeon E3-1240 v3 @ 3.40GHz	6,750	549	6.76	\$999.00
Intel Xeon E3-1240 v5 @ 3.50GHz	8,265	426	24.19	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	9,439	347	41.22	\$229.00
Intel Xeon E3-1240L v3 @ 2.00GHz	5,989	631	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	6,972	531	25.08	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	7,022	524	36.96	\$189.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1245 @ 3.30GHz	5,221	736	21.31	\$245.00
Intel Xeon E3-1245 V2 @ 3.40GHz	6,199	612	54.38	\$113.99
Intel Xeon E3-1245 v3 @ 3.40GHz	6,732	551	27.48	\$245.00
Intel Xeon E3-1245 v5 @ 3.50GHz	8,355	421	24.20	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	9,511	342	25.79	\$368.81
Intel Xeon E3-1246 v3 @ 3.50GHz	7,228	496	24.50	\$295.00
Intel Xeon E3-1260L @ 2.40GHz	4,017	916	32.14	\$125.00
Intel Xeon E3-1260L v5 @ 2.90GHz	8,686	394	11.80	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	4,769	786	5.19	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	4,993	768	33.73	\$148.00*
Intel Xeon E3-1265L v3 @ 2.50GHz	5,977	634	8.54	\$699.95*
Intel Xeon E3-1265L v4 @ 2.30GHz	8,608	401	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	5,495	692	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8,261	427	18.09	\$456.54*
Intel Xeon E3-1270 @ 3.40GHz	5,550	684	18.20	\$305.00
Intel Xeon E3-1270 V2 @ 3.50GHz	6,579	570	36.55	\$179.99
Intel Xeon E3-1270 v3 @ 3.50GHz	6,991	527	17.93	\$390.00
Intel Xeon E3-1270 v5 @ 3.60GHz	8,531	409	19.57	\$435.90*
Intel Xeon E3-1270 v6 @ 3.80GHz	10,066	305	26.78	\$375.93
Intel Xeon E3-1270L v4 @ 3.00GHz	10,157	301	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	7,441	478	8.38	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	5,273	729	17.93	\$294.00
Intel Xeon E3-1275 V2 @ 3.50GHz	6,126	624	69.61	\$88.00
Intel Xeon E3-1275 v3 @ 3.50GHz	6,535	574	16.30	\$400.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1225 v3 @ 3.00GHz	9,952	311	11.59	\$859.00
Intel Xeon E3-1275L v3 @ 2.70GHz	7,117	511	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	7,174	503	6.69	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	5,469	697	22.79	\$240.00
Intel Xeon E3-1280 V2 @ 3.60GHz	6,148	619	17.57	\$350.00
Intel Xeon E3-1280 v3 @ 3.60GHz	6,366	597	14.18	\$449.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	9,027	374	21.24	\$425.00
Intel Xeon E3-1280 v6 @ 3.90GHz	9,938	312	21.51	\$462.05
Intel Xeon E3-1281 v3 @ 3.70GHz	8,025	446	44.59	\$179.99
Intel Xeon E3-1285 v3 @ 3.60GHz	8,928	380	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	9,985	310	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	10,815	275	10.83	\$998.95
Intel Xeon E3-1285L v3 @ 3.10GHz	6,987	528	8.65	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	9,325	359	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	6,929	536	8.26	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	8,546	408	11.04	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	5,700	671	6.44	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	6,276	604	7.09	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	5,737	665	NA	NA
Intel Xeon E3-1505L v6 @ 2.20GHz	7,098	512	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	7,270	493	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	7,899	454	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	8,514	410	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	7,453	477	11.96	\$623.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1535M v6 @ 3.10GHz	9,493	344	15.24	\$623.00*
Intel Xeon E3-1545M v5 @ 2.90GHz	8,741	392	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	9,034	373	7.48	\$1,207.00*
Intel Xeon E3-1585 v5 @ 3.50GHz	9,718	327	17.48	\$556.00*
Intel Xeon E3-1585L v5 @ 3.00GHz	9,736	326	21.88	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	4,723	797	104.97	\$44.99*
Intel Xeon E5-1410 v2 @ 2.80GHz	5,944	637	NA	NA
Intel Xeon E5-1428L v2 @ 2.20GHz	8,679	397	17.57	\$494.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is)	Rank (lower is)	CPU Value (higher is)	Price (USD)
Intel Xeon E5-1603 @ 2.80GHz	4,367	862	118.06	\$36.99
Intel Xeon E5-1603 v4 @ 2.80GHz	5,486	693	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	3,877	938	133.69	\$29.00*
Intel Xeon E5-1607 v2 @ 3.00GHz	4,401	854	125.91	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	5,634	677	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	6,180	615	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	5,977	635	112.77	\$53.00
Intel Xeon E5-1620 v2 @ 3.70GHz	6,452	586	137.28	\$47.00
Intel Xeon E5-1620 v3 @ 3.50GHz	7,033	521	55.00	\$127.88*
Intel Xeon E5-1620 v4 @ 3.50GHz	7,565	474	21.40	\$353.56
Intel Xeon E5-1630 v3 @ 3.70GHz	7,158	506	38.70	\$184.99
Intel Xeon E5-1630 v4 @ 3.70GHz	8,757	391	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	8,321	424	16.81	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	8,556	406	77.82	\$109.95
Intel Xeon E5-1650 v3 @ 3.50GHz	9,543	339	79.53	\$119.99
Intel Xeon E5-1650 v4 @ 3.60GHz	12,067	236	23.75	\$508.00*
Intel Xeon E5-1660 @ 3.30GHz	8,044	444	6.56	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	9,048	372	33.39	\$270.99*
Intel Xeon E5-1660 v3 @ 3.00GHz	10,319	297	25.23	\$408.95*
Intel Xeon E5-1660 v4 @ 3.20GHz	13,777	188	11.21	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	11,625	254	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	13,129	204	22.25	\$589.99
Intel Xeon E5-1680 v4 @ 3.40GHz	14,504	163	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	15,503	139	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	2,290	1377	47.97	\$47.75*
Intel Xeon E5-2403 v2 @ 1.80GHz	2,872	1172	129.38	\$22.20*
Intel Xeon E5-2407 @ 2.20GHz	2,723	1206	136.13	\$20.00*
Intel Xeon E5-2407 v2 @ 2.40GHz	3,368	1052	9.36	\$359.95*
Intel Xeon E5-2418L @ 2.00GHz	4,422	849	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	4,597	818	201.01	\$22.87*
Intel Xeon E5-2420 v2 @ 2.20GHz	6,151	617	212.11	\$29.00
Intel Xeon E5-2430 @ 2.20GHz	4,985	769	142.47	\$34.99*
Intel Xeon E5-2430 v2 @ 2.50GHz	6,343	600	77.36	\$81.99*
Intel Xeon E5-2430L @ 2.00GHz	7,051	517	218.44	\$32.28*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2440 @ 2.40GHz	6,455	585	215.24	\$29.99*
Intel Xeon E5-2440 v2 @ 1.90GHz	6,504	578	185.82	\$35.00
Intel Xeon E5-2448L v2 @ 1.80GHz	8,506	411	5.97	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	8,383	417	119.78	\$69.99
Intel Xeon E5-2450L @ 1.80GHz	6,609	565	73.44	\$89.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2470 @ 2.30GHz	7,139	508	80.22	\$88.99
Intel Xeon E5-2470 v2 @ 2.40GHz	10,186	300	63.71	\$159.88*
Intel Xeon E5-2603 @ 1.80GHz	2,323	1363	48.55	\$47.85*
Intel Xeon E5-2603 v2 @ 1.80GHz	2,636	1239	43.95	\$59.99*
Intel Xeon E5-2603 v3 @ 1.60GHz	3,602	988	73.51	\$49.00
Intel Xeon E5-2603 v4 @ 1.70GHz	4,696	804	20.94	\$224.20*
Intel Xeon E5-2608L v3 @ 2.00GHz	7,072	516	16.04	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	3,006	1128	176.92	\$16.99
Intel Xeon E5-2609 v2 @ 2.50GHz	3,625	985	25.00	\$145.02*
Intel Xeon E5-2609 v3 @ 1.90GHz	4,131	898	41.75	\$98.95
Intel Xeon E5-2609 v4 @ 1.70GHz	5,887	642	16.36	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	10,968	270	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	12,815	212	16.45	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	5,138	751	331.71	\$15.49
Intel Xeon E5-2620 v2 @ 2.10GHz	5,605	679	193.29	\$29.00
Intel Xeon E5-2620 v3 @ 2.40GHz	7,006	526	233.61	\$29.99
Intel Xeon E5-2620 v4 @ 2.10GHz	9,616	337	31.79	\$302.49
Intel Xeon E5-2623 v3 @ 3.00GHz	7,201	499	59.51	\$121.00*
Intel Xeon E5-2623 v4 @ 2.60GHz	7,347	488	13.38	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	7,524	475	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	9,836	319	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	11,791	244	8.64	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	9,369	353	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	5,791	654	145.00	\$39.94*
Intel Xeon E5-2630 v2 @ 2.60GHz	7,241	495	206.90	\$35.00
Intel Xeon E5-2630 v3 @ 2.40GHz	9,534	340	105.93	\$90.00
Intel Xeon E5-2630 v4 @ 2.20GHz	11,663	252	16.83	\$692.99

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2630L v2 @ 2.40GHz	6,369	594	148.12	\$43.00
Intel Xeon E5-2630L v3 @ 1.80GHz	8,216	432	40.68	\$201.96
Intel Xeon E5-2630L v4 @ 1.80GHz	10,920	273	NA	NA
Intel Xeon E5-2637 @ 3.00GHz	4,284	873	4.84	\$885.00*
Intel Xeon E5-2637 v2 @ 3.50GHz	6,489	580	76.35	\$84.99
Intel Xeon E5-2637 v3 @ 3.50GHz	7,095	514	48.76	\$145.51*
Intel Xeon E5-2637 v4 @ 3.50GHz	8,935	379	8.94	\$999.00*
Intel Xeon E5-2640 @ 2.50GHz	6,138	620	211.88	\$28.97*
Intel Xeon E5-2640 v2 @ 2.00GHz	6,639	561	166.94	\$39.77*
Intel Xeon E5-2640 v3 @ 2.60GHz	9,842	317	140.64	\$69.98
Intel Xeon E5-2640 v4 @ 2.40GHz	13,107	207	13.17	\$994.99
Intel Xeon E5-2643 @ 3.30GHz	5,644	674	137.66	\$41.00
Intel Xeon E5-2643 v2 @ 3.50GHz	8,591	403	78.11	\$109.99
Intel Xeon E5-2643 v3 @ 3.40GHz	9,799	323	39.20	\$249.99
Intel Xeon E5-2643 v4 @ 3.40GHz	11,454	256	5.67	\$2,019.95*
Intel Xeon E5-2648L @ 1.80GHz	5,359	719	NA	NA
Intel Xeon E5-2648L v2 @ 1.90GHz	10,243	299	6.93	\$1,479.00*
Intel Xeon E5-2648L v3 @ 1.80GHz	9,684	331	6.20	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	12,289	226	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	13,944	181	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	7,098	513	157.80	\$44.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2650 v2 @ 2.60GHz	9,618	336	123.96	\$77.59
Intel Xeon E5-2650 v3 @ 2.30GHz	11,679	250	129.78	\$89.99
Intel Xeon E5-2650 v4 @ 2.20GHz	13,250	199	13.28	\$998.00
Intel Xeon E5-2650L @ 1.80GHz	5,368	716	71.58	\$75.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	8,892	382	141.04	\$63.05
Intel Xeon E5-2650L v3 @ 1.80GHz	10,673	281	45.96	\$232.22*
Intel Xeon E5-2650L v4 @ 1.70GHz	12,684	218	23.93	\$529.99
Intel Xeon E5-2651 v2 @ 1.80GHz	9,607	338	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	6,261	605	4.28	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	8,884	383	49.36	\$179.99*
Intel Xeon E5-2658 v3 @ 2.20GHz	13,039	208	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is)	Rank (lower is)	CPU Value (higher is)	Price (USD)
Intel Xeon E5-2660 @ 2.20GHz	8,000	449	149.97	\$53.34
Intel Xeon E5-2660 v2 @ 2.20GHz	9,220	365	71.48	\$129.00
Intel Xeon E5-2660 v3 @ 2.60GHz	11,796	243	31.89	\$369.95
Intel Xeon E5-2660 v4 @ 2.00GHz	14,348	167	10.05	\$1,428.29*
Intel Xeon E5-2663 v3 @ 2.80GHz	11,195	266	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	7,642	466	109.17	\$70.00
Intel Xeon E5-2667 @ 2.90GHz	6,940	534	173.50	\$40.00
Intel Xeon E5-2667 v2 @ 3.30GHz	11,981	239	66.57	\$179.99
Intel Xeon E5-2667 v3 @ 3.20GHz	11,201	265	32.09	\$349.00
Intel Xeon E5-2667 v4 @ 3.20GHz	14,137	178	15.71	\$899.99
Intel Xeon E5-2669 v3 @ 2.30GHz	16,107	130	NA	NA
Intel Xeon E5-2670 @ 2.60GHz	8,677	398	32.87	\$263.99
Intel Xeon E5-2670 v2 @ 2.50GHz	9,771	325	84.97	\$114.99
Intel Xeon E5-2670 v3 @ 2.30GHz	11,766	245	84.65	\$139.00
Intel Xeon E5-2673 v2 @ 3.30GHz	12,409	224	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	13,130	203	18.76	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	18,106	97	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	12,110	233	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	14,150	177	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	13,633	190	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	21,687	62	8.03	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	9,339	357	135.35	\$69.00
Intel Xeon E5-2680 v2 @ 2.80GHz	12,073	235	67.07	\$180.00
Intel Xeon E5-2680 v3 @ 2.50GHz	14,282	171	79.35	\$179.99
Intel Xeon E5-2680 v4 @ 2.40GHz	16,753	122	11.10	\$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	18,379	93	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	13,861	185	35.63	\$389.00
Intel Xeon E5-2683 v4 @ 2.10GHz	16,034	131	41.22	\$389.00
Intel Xeon E5-2685 v3 @ 2.60GHz	12,003	238	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	15,404	143	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	16,831	119	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	9,312	360	45.65	\$203.99
Intel Xeon E5-2687W v2 @ 3.40GHz	11,328	260	33.81	\$335.00*
Intel Xeon E5-2687W v3 @ 3.10GHz	12,443	221	20.43	\$608.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2689 @ 2.60GHz	9,848	315	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	16,783	120	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2690 @ 2.90GHz	9,693	330	78.80	\$123.00
Intel Xeon E5-2690 v2 @ 3.00GHz	12,218	228	67.58	\$180.80*
Intel Xeon E5-2690 v3 @ 2.60GHz	15,234	145	78.15	\$194.92
Intel Xeon E5-2690 v4 @ 2.60GHz	17,988	100	8.29	\$2,169.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	13,616	191	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	12,161	230	48.84	\$248.99
Intel Xeon E5-2695 v3 @ 2.30GHz	13,798	186	28.81	\$479.00*
Intel Xeon E5-2695 v4 @ 2.10GHz	17,477	111	3.01	\$5,808.00*
Intel Xeon E5-2696 v2 @ 2.50GHz	12,815	213	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	17,685	106	7.08	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	18,043	99	5.99	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	11,152	267	41.77	\$266.99
Intel Xeon E5-2697 v3 @ 2.60GHz	14,963	152	24.98	\$599.00
Intel Xeon E5-2697 v4 @ 2.30GHz	18,220	95	6.54	\$2,784.95*
Intel Xeon E5-2697A v4 @ 2.60GHz	19,093	84	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	14,730	159	20.21	\$729.00
Intel Xeon E5-2698 v4 @ 2.20GHz	18,561	87	5.11	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	15,584	138	22.29	\$699.00
Intel Xeon E5-2699 v4 @ 2.20GHz	19,920	75	8.39	\$2,375.00
Intel Xeon E5-2699A v4 @ 2.40GHz	21,801	61	4.41	\$4,938.00*
Intel Xeon E5-4603 @ 2.00GHz	3,510	1005	36.55	\$96.04*
Intel Xeon E5-4607 v2 @ 2.60GHz	7,849	456	NA	NA
Intel Xeon E5-4610 @ 2.40GHz	9,075	371	7.42	\$1,223.00*
Intel Xeon E5-4610 v3 @ 1.70GHz	8,853	387	7.26	\$1,219.00*
Intel Xeon E5-4617 @ 2.90GHz	6,053	627	67.34	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	7,399	480	55.13	\$134.21*
Intel Xeon E5-4620 v3 @ 2.00GHz	10,681	279	6.40	\$1,668.00*
Intel Xeon E5-4627 v2 @ 3.30GHz	10,111	303	19.87	\$508.95*
Intel Xeon E5-4627 v3 @ 2.60GHz	12,423	223	5.18	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	13,983	180	6.28	\$2,225.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4640 v3 @ 1.90GHz	11,433	257	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	9,988	309	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	7,596	470	108.52	\$69.99*
Intel Xeon E5-4650L @ 2.60GHz	10,931	272	147.75	\$73.98*
Intel Xeon E5-4655 v3 @ 2.90GHz	11,678	251	2.53	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	10,872	274	7.77	\$1,399.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	14,264	172	2.97	\$4,800.00*
Intel Xeon E5-4667 v3 @ 2.00GHz	14,750	157	2.57	\$5,729.00*
Intel Xeon E5-4669 v3 @ 2.10GHz	15,692	137	2.91	\$5,400.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	12,263	227	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	2,807	1191	1.58	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	1,401	1802	136.82	\$10.24*
Intel Xeon E3113 @ 3.00GHz	1,699	1636	173.59	\$9.79*
Intel Xeon E3120 @ 3.16GHz	1,457	1770	NA	NA
Intel Xeon E5205 @ 1.86GHz	911	2106	63.83	\$14.27*
Intel Xeon E5240 @ 3.00GHz	1,576	1705	17.75	\$88.78*
Intel Xeon E5310 @ 1.60GHz	1,439	1779	29.37	\$49.00*
Intel Xeon E5320 @ 1.86GHz	1,487	1751	38.38	\$38.75*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5335 @ 2.00GHz	1,634	1669	91.95	\$17.77*
Intel Xeon E5345 @ 2.33GHz	1,877	1556	46.94	\$39.99*
Intel Xeon E5405 @ 2.00GHz	1,843	1576	46.13	\$39.95*
Intel Xeon E5410 @ 2.33GHz	2,120	1436	10.14	\$208.95*
Intel Xeon E5420 @ 2.50GHz	2,259	1392	35.89	\$62.95*
Intel Xeon E5430 @ 2.66GHz	2,353	1346	15.19	\$154.95*
Intel Xeon E5440 @ 2.83GHz	2,571	1274	67.67	\$37.99
Intel Xeon E5450 @ 3.00GHz	2,520	1295	8.43	\$298.94*
Intel Xeon E5462 @ 2.80GHz	2,517	1297	92.21	\$27.30*
Intel Xeon E5472 @ 3.00GHz	2,655	1233	132.47	\$20.04*
Intel Xeon E5502 @ 1.87GHz	896	2118	9.43	\$95.00*
Intel Xeon E5503 @ 2.00GHz	940	2092	3.28	\$287.01*
Intel Xeon E5504 @ 2.00GHz	1,733	1624	24.78	\$69.95*
Intel Xeon E5506 @ 2.13GHz	1,934	1529	96.74	\$19.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Xeon E5520 @ 2.27GHz	2,604	1256	130.24	\$19.99
Intel Xeon E5530 @ 2.40GHz	2,921	1160	224.69	\$13.00*
Intel Xeon E5540 @ 2.53GHz	3,095	1110	52.46	\$59.00*
Intel Xeon E5603 @ 1.60GHz	1,535	1727	11.90	\$129.04*
Intel Xeon E5606 @ 2.13GHz	1,988	1507	27.93	\$71.20*
Intel Xeon E5607 @ 2.27GHz	2,191	1414	31.66	\$69.21*
Intel Xeon E5620 @ 2.40GHz	3,379	1046	83.92	\$40.26
Intel Xeon E5630 @ 2.53GHz	3,286	1069	93.88	\$35.00*
Intel Xeon E5640 @ 2.67GHz	3,413	1038	50.49	\$67.60*
Intel Xeon E5645 @ 2.40GHz	4,174	894	51.33	\$81.31*
Intel Xeon E5649 @ 2.53GHz	4,444	845	42.70	\$104.07*
Intel Xeon E7320 @ 2.13GHz	2,051	1469	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7,349	487	38.08	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9,363	356	44.59	\$209.99
Intel Xeon E-2124G @ 3.40GHz	9,397	351	39.57	\$237.45
Intel Xeon E-2126G @ 3.30GHz	12,968	210	43.23	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10,338	296	38.30	\$269.91
Intel Xeon E-2136 @ 3.30GHz	14,328	170	51.36	\$279.00
Intel Xeon E-2144G @ 3.60GHz	10,489	291	32.57	\$321.99
Intel Xeon E-2146G @ 3.50GHz	13,911	183	41.65	\$333.99
Intel Xeon E-2174G @ 3.80GHz	11,688	249	29.59	\$394.99
Intel Xeon E-2176G @ 3.70GHz	14,659	162	37.30	\$392.99
Intel Xeon E-2176M @ 2.70GHz	12,569	219	27.93	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	15,090	148	30.48	\$495.05
Intel Xeon E-2186M @ 2.90GHz	13,711	189	22.01	\$623.00*
Intel Xeon E-2224 @ 3.40GHz	10,093	304	50.97	\$198.00*
Intel Xeon E-2224G @ 3.50GHz	9,913	313	45.47	\$218.00*
Intel Xeon E-2226G @ 3.40GHz	13,244	200	50.94	\$260.00*
Intel Xeon E-2236 @ 3.40GHz	15,713	136	54.37	\$289.00*
Intel Xeon E-2244G @ 3.80GHz	12,782	214	46.99	\$272.00*
Intel Xeon E-2246G @ 3.60GHz	15,295	144	49.18	\$311.00*
Intel Xeon E-2254ML @ 1.70GHz	9,458	345	NA	NA
Intel Xeon E-2274G @ 4.00GHz	10,752	278	32.19	\$334.00*
Intel Xeon E-2276G @ 3.80GHz	14,946	153	41.29	\$362.00*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2276M @ 2.80GHz	14,397	166	31.99	\$450.00*
Intel Xeon E-2278G @ 3.40GHz	17,670	108	35.77	\$494.00*
Intel Xeon E-2278GEL @ 2.00GHz	13,914	182	28.17	\$494.00*
Intel Xeon E-2286G @ 4.00GHz	16,671	123	37.05	\$450.00*
Intel Xeon E-2286M @ 2.40GHz	17,736	104	28.47	\$623.00*
Intel Xeon E-2288G @ 3.70GHz	19,665	77	36.48	\$539.00*
Intel Xeon Gold 5117 @ 2.00GHz	15,006	150	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	14,792	156	14.09	\$1,049.95*
Intel Xeon Gold 5120 @ 2.20GHz	15,863	135	10.16	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	17,239	114	9.98	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	9,831	320	7.77	\$1,264.88
Intel Xeon Gold 5218 @ 2.30GHz	20,622	71	16.17	\$1,275.00
Intel Xeon Gold 6126 @ 2.60GHz	19,251	83	10.49	\$1,834.95*
Intel Xeon Gold 6128 @ 3.40GHz	13,465	195	7.83	\$1,719.99
Intel Xeon Gold 6130 @ 2.10GHz	17,680	107	9.96	\$1,774.71
Intel Xeon Gold 6132 @ 2.60GHz	22,712	57	10.47	\$2,169.95
Intel Xeon Gold 6134 @ 3.20GHz	16,386	126	7.24	\$2,264.56
Intel Xeon Gold 6136 @ 3.00GHz	18,931	86	7.13	\$2,654.82*
Intel Xeon Gold 6137 @ 3.90GHz	19,393	81	NA	NA
Intel Xeon Gold 6138 @ 2.00GHz	22,879	55	8.54	\$2,679.99
Intel Xeon Gold 6140 @ 2.30GHz	21,569	64	7.53	\$2,863.75
Intel Xeon Gold 6143 @ 2.80GHz	26,128	34	NA	NA
Intel Xeon Gold 6144 @ 3.50GHz	17,700	105	5.56	\$3,181.17*
Intel Xeon Gold 6146 @ 3.20GHz	23,048	53	5.00	\$4,608.95*
Intel Xeon Gold 6148 @ 2.40GHz	23,236	50	7.22	\$3,217.99
Intel Xeon Gold 6152 @ 2.10GHz	21,149	66	5.15	\$4,108.95*
Intel Xeon Gold 6154 @ 3.00GHz	24,950	41	6.82	\$3,659.82*
Intel Xeon Gold 6210U @ 2.50GHz	28,560	21	13.87	\$2,059.86*
Intel Xeon Gold 6212U @ 2.40GHz	28,917	20	14.46	\$2,000.00*
Intel Xeon Gold 6226 @ 2.70GHz	17,850	102	NA	NA
Intel Xeon Gold 6230 @ 2.10GHz	24,559	44	11.86	\$2,069.95
Intel Xeon Gold 6242 @ 2.80GHz	25,313	40	9.29	\$2,723.99
Intel Xeon Gold 6246 @ 3.30GHz	25,734	37	7.13	\$3,609.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L3110 @ 3.00GHz	1,478	1759	NA	NA
Intel Xeon L3360 @ 2.83GHz	2,447	1314	27.42	\$89.23*
Intel Xeon L3406 @ 2.27GHz	870	2140	3.14	\$277.01*
Intel Xeon L3426 @ 1.87GHz	2,563	1277	5.73	\$447.01*
Intel Xeon L5240 @ 3.00GHz	1,476	1761	47.01	\$31.40*
Intel Xeon L5310 @ 1.60GHz	1,934	1530	17.19	\$112.50*
Intel Xeon L5320 @ 1.86GHz	1,388	1805	19.83	\$69.99*
Intel Xeon L5335 @ 2.00GHz	1,792	1601	95.34	\$18.79*
Intel Xeon L5408 @ 2.13GHz	2,112	1441	NA	NA
Intel Xeon L5410 @ 2.33GHz	2,183	1416	21.82	\$100.08*
Intel Xeon L5420 @ 2.50GHz	2,269	1386	82.52	\$27.50*
Intel Xeon L5430 @ 2.66GHz	2,605	1255	16.49	\$157.95*
Intel Xeon L5520 @ 2.27GHz	2,811	1188	31.25	\$89.95*
Intel Xeon L5530 @ 2.40GHz	2,853	1180	148.15	\$19.26*
Intel Xeon L5609 @ 1.87GHz	3,298	1067	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5630 @ 2.13GHz	2,820	1183	134.35	\$20.99*
Intel Xeon L5638 @ 2.00GHz	3,634	983	51.98	\$69.90*
Intel Xeon L5639 @ 2.13GHz	4,465	843	NA	NA
Intel Xeon L5640 @ 2.27GHz	4,064	910	45.18	\$89.95*
Intel Xeon L7455 @ 2.13GHz	2,686	1221	NA	NA
Intel Xeon MV 3.20GHz	547	2404	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	25,494	38	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6,947	533	NA	NA
Intel Xeon Platinum 8160 @ 2.10GHz	21,818	60	4.86	\$4,489.00*
Intel Xeon Platinum 8168 @ 2.70GHz	26,218	33	4.45	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	25,974	35	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	26,699	30	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	24,434	45	2.80	\$8,725.00*
Intel Xeon Platinum 8259CL @ 2.50GHz	27,896	25	NA	NA
Intel Xeon Platinum 8268 @ 2.90GHz	31,689	14	5.28	\$6,005.98*
Intel Xeon Silver 4108 @ 1.80GHz	9,368	354	21.29	\$439.99
Intel Xeon Silver 4109T @ 2.00GHz	10,363	295	20.68	\$501.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Silver 4112 @ 2.60GHz	7,806	458	15.55	\$501.99
Intel Xeon Silver 4114 @ 2.20GHz	12,925	211	19.19	\$673.49
Intel Xeon Silver 4116 @ 2.10GHz	14,027	179	16.16	\$867.87
Intel Xeon Silver 4123 @ 3.00GHz	14,426	165	NA	NA
Intel Xeon Silver 4208 @ 2.10GHz	13,116	206	24.33	\$539.00
Intel Xeon Silver 4210 @ 2.20GHz	15,898	134	27.98	\$568.26
Intel Xeon Silver 4214 @ 2.20GHz	17,532	109	21.62	\$810.98*
Intel Xeon Silver 4215 @ 2.50GHz	15,200	146	15.89	\$956.57*
Intel Xeon Silver 4216 @ 2.10GHz	19,538	78	18.17	\$1,075.00
Intel Xeon W3503 @ 2.40GHz	1,143	1948	114.41	\$9.99*
Intel Xeon W3505 @ 2.53GHz	1,197	1922	48.16	\$24.86*
Intel Xeon W3520 @ 2.67GHz	3,211	1079	66.89	\$48.00*
Intel Xeon W3530 @ 2.80GHz	3,389	1045	11.53	\$293.95*
Intel Xeon W3540 @ 2.93GHz	3,513	1004	176.36	\$19.92*
Intel Xeon W3550 @ 3.07GHz	3,614	987	120.50	\$29.99*
Intel Xeon W3565 @ 3.20GHz	3,492	1012	158.82	\$21.99*
Intel Xeon W3570 @ 3.20GHz	3,924	933	8.18	\$479.95*
Intel Xeon W3580 @ 3.33GHz	4,016	917	18.72	\$214.50*
Intel Xeon W3670 @ 3.20GHz	5,211	737	10.42	\$499.99*
Intel Xeon W3680 @ 3.33GHz	5,778	656	58.96	\$97.99*
Intel Xeon W3690 @ 3.47GHz	6,893	540	51.07	\$134.99
Intel Xeon W5580 @ 3.20GHz	3,793	958	54.98	\$68.99*
Intel Xeon W5590 @ 3.33GHz	3,962	929	47.74	\$82.99*
Intel Xeon W-2102 @ 2.90GHz	6,628	564	23.10	\$286.99*
Intel Xeon W-2104 @ 3.20GHz	7,048	519	27.64	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	8,859	386	27.95	\$316.99
Intel Xeon W-2125 @ 4.00GHz	10,528	287	22.00	\$478.60
Intel Xeon W-2133 @ 3.60GHz	12,779	215	20.71	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	14,734	158	15.84	\$929.96
Intel Xeon W-2140B @ 3.20GHz	16,758	121	NA	NA
Intel Xeon W-2145 @ 3.70GHz	18,402	91	15.17	\$1,212.69*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2150B @ 3.00GHz	19,291	82	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2170B @ 2.50GHz	23,334	49	NA	NA
Intel Xeon W-2175 @ 2.50GHz	24,589	43	11.67	\$2,106.22
Intel Xeon W-2195 @ 2.30GHz	22,283	59	7.55	\$2,950.44
Intel Xeon W-3175X @ 3.10GHz	33,538	9	10.91	\$3,072.66
Intel Xeon W-3235 @ 3.30GHz	24,854	42	16.44	\$1,511.69*
Intel Xeon W-3265 @ 2.70GHz	32,235	13	7.08	\$4,551.37*
Intel Xeon W-3275M @ 2.50GHz	34,638	8	4.65	\$7,453.00*
Intel Xeon X3210 @ 2.13GHz	1,781	1605	9.59	\$185.71*
Intel Xeon X3220 @ 2.40GHz	2,009	1495	31.88	\$63.00*
Intel Xeon X3230 @ 2.66GHz	2,205	1407	30.83	\$71.50*
Intel Xeon X3320 @ 2.50GHz	2,149	1430	9.37	\$229.50*
Intel Xeon X3323 @ 2.50GHz	2,224	1401	114.90	\$19.36*
Intel Xeon X3330 @ 2.66GHz	2,182	1417	10.39	\$210.00*
Intel Xeon X3350 @ 2.66GHz	2,483	1306	41.40	\$59.99*
Intel Xeon X3353 @ 2.66GHz	2,704	1217	36.79	\$73.50*
Intel Xeon X3360 @ 2.83GHz	2,554	1281	16.17	\$157.95*
Intel Xeon X3363 @ 2.83GHz	2,589	1264	75.94	\$34.09*
Intel Xeon X3370 @ 3.00GHz	2,610	1253	65.25	\$40.00
Intel Xeon X3380 @ 3.16GHz	2,991	1134	5.86	\$509.95*
Intel Xeon X3430 @ 2.40GHz	2,382	1337	74.46	\$31.99*
Intel Xeon X3440 @ 2.53GHz	2,931	1156	101.11	\$28.99
Intel Xeon X3450 @ 2.67GHz	3,084	1112	110.19	\$27.99*
Intel Xeon X3460 @ 2.80GHz	3,343	1058	9.36	\$357.00*
Intel Xeon X3470 @ 2.93GHz	3,412	1040	59.87	\$56.99*
Intel Xeon X3480 @ 3.07GHz	3,659	980	NA	NA
Intel Xeon X5260 @ 3.33GHz	1,586	1699	29.37	\$54.00*
Intel Xeon X5270 @ 3.50GHz	1,787	1602	NA	NA
Intel Xeon X5272 @ 3.40GHz	1,577	1704	11.26	\$140.00*
Intel Xeon X5355 @ 2.66GHz	2,048	1471	6.61	\$309.95*
Intel Xeon X5365 @ 3.00GHz	2,307	1370	29.20	\$78.99
Intel Xeon X5450 @ 3.00GHz	2,628	1244	52.59	\$49.96*
Intel Xeon X5460 @ 3.16GHz	2,713	1210	27.19	\$99.78*
Intel Xeon X5470 @ 3.33GHz	2,981	1139	15.77	\$189.00*
Intel Xeon X5472 @ 3.00GHz	2,601	1258	11.56	\$225.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5492 @ 3.40GHz	3,150	1101	2.26	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	3,239	1076	10.62	\$304.85*
Intel Xeon X5560 @ 2.80GHz	3,503	1006	233.69	\$14.99*
Intel Xeon X5570 @ 2.93GHz	3,640	982	15.17	\$239.95*
Intel Xeon X5647 @ 2.93GHz	3,769	962	189.09	\$19.93*
Intel Xeon X5650 @ 2.67GHz	4,999	766	200.02	\$24.99
Intel Xeon X5660 @ 2.80GHz	4,895	777	195.88	\$24.99*
Intel Xeon X5667 @ 3.07GHz	4,030	914	172.75	\$23.33*
Intel Xeon X5670 @ 2.93GHz	5,067	761	217.64	\$23.28
Intel Xeon X5672 @ 3.20GHz	4,223	887	93.86	\$44.99*
Intel Xeon X5675 @ 3.07GHz	5,522	688	153.89	\$35.88
Intel Xeon X5677 @ 3.47GHz	4,391	856	271.70	\$16.16*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5679 @ 3.20GHz	5,823	649	NA	NA
Intel Xeon X5680 @ 3.33GHz	6,230	607	105.08	\$59.29
Intel Xeon X5687 @ 3.60GHz	4,940	772	101.86	\$48.50
Intel Xeon X5690 @ 3.47GHz	6,716	554	61.06	\$109.99
Intel Xeon X5698 @ 4.40GHz	2,777	1198	NA	NA
Intel Xeon X6550 @ 2.00GHz	1,936	1528	NA	NA
Mobile AMD Athlon 4 2400+	233	2660	NA	NA
Mobile AMD Athlon 64 3200+	291	2584	NA	NA
Mobile AMD Athlon 64 3400+	333	2542	NA	NA
Mobile AMD Athlon 64 3700+	283	2595	NA	NA
Mobile AMD Athlon 64 4000+	375	2511	NA	NA
Mobile AMD Athlon 2500+	241	2647	NA	NA
Mobile AMD Athlon MP-M 1800+	173	2745	NA	NA
Mobile AMD Athlon MP-M 2400+	192	2720	NA	NA
Mobile AMD Athlon XP-M 1600+	169	2747	NA	NA
Mobile AMD Athlon XP-M 1800+	193	2715	NA	NA
Mobile AMD Athlon XP-M 2000+	196	2709	NA	NA
Mobile AMD Athlon XP-M 2200+	237	2654	NA	NA
Mobile AMD Athlon XP-M 2400+	225	2669	NA	NA
Mobile AMD Athlon XP-M 2500+	226	2666	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M 2800+	238	2653	NA	NA
Mobile AMD Athlon XP-M 3000+	238	2652	NA	NA
Mobile AMD Sempron 2100+	164	2753	NA	NA
Mobile AMD Sempron 2600+	256	2627	NA	NA
Mobile AMD Sempron 2800+	237	2656	NA	NA
Mobile AMD Sempron 3000+	253	2636	NA	NA
Mobile AMD Sempron 3100+	270	2607	NA	NA
Mobile AMD Sempron 3200+	231	2664	NA	NA
Mobile AMD Sempron 3300+	290	2588	NA	NA
Mobile AMD Sempron 3400+	287	2589	NA	NA
Mobile AMD Sempron 3500+	265	2615	NA	NA
Mobile AMD Sempron 3600+	279	2600	NA	NA
Mobile AMD Sempron 3800+	316	2557	NA	NA
Mobile Intel Celeron 1.70GHz	118	2802	NA	NA
Mobile Intel Celeron 1.80GHz	121	2799	NA	NA
Mobile Intel Celeron 2.00GHz	133	2790	NA	NA
Mobile Intel Celeron 2.20GHz	147	2774	NA	NA
Mobile Intel Celeron 2.40GHz	154	2767	NA	NA
Mobile Intel Celeron 1333MHz	183	2734	NA	NA
Mobile Intel Pentium 4 2.66GHz	182	2735	NA	NA
Mobile Intel Pentium 4 2.80GHz	205	2695	NA	NA
Mobile Intel Pentium 4 3.06GHz	220	2673	NA	NA
Mobile Intel Pentium 4 3.20GHz	232	2661	NA	NA
Mobile Intel Pentium 4 3.33GHz	286	2591	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	113	2809	0.73	\$154.00
Mobile Intel Pentium 4 - M 1.80GHz	114	2806	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	132	2793	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	129	2795	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 - M 2.40GHz	139	2782	NA	NA
Mobile Intel Pentium III - M 933MHz	130	2794	NA	NA
Mobile Intel Pentium III - M 1200MHz	146	2775	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	1,626	1674	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Quad-Core AMD Opteron 1389	2,240	1398	NA	NA
Six-Core AMD Opteron 2419 EE	2,048	1470	NA	NA
VIA C7-D 1800MHz	132	2791	NA	NA
VIA C7-M 1200MHz	92	2818	NA	NA
VIA C7-M 1600MHz	116	2804	NA	NA
VIA C7-M 6300MHz	145	2777	NA	NA
VIA Eden 1000MHz	111	2810	NA	NA
VIA Eden 1200MHz	128	2796	NA	NA
VIA Eden C1050@1.06GHz	317	2552	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	325	2547	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1,010	2051	NA	NA
VIA Esther 1000MHz	95	2817	NA	NA
VIA Esther 1500MHz	127	2797	NA	NA
VIA Nano L2007@1600MHz	240	2648	NA	NA
VIA Nano L2100@1800MHz	279	2602	NA	NA
VIA Nano L2207@1600MHz	193	2719	NA	NA
VIA Nano U2250 (1.6GHz Capable)	270	2608	NA	NA
VIA Nano U2250@1300+MHz	179	2738	NA	NA
VIA Nano U2500@1200MHz	199	2701	NA	NA
VIA Nano U3500@1000MHz	177	2739	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	393	2500	NA	NA
VIA Nehemiah	101	2814	NA	NA
VIA QuadCore C4650@2.0GHz	1,518	1737	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	886	2127	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	763	2230	NA	NA
ZHAOXIN KaiXian KX-U6780A@2.7GHz	5,760	660	NA	NA
ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz	2,069	1462	NA	NA

* - Last price seen from our affiliates.

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