

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

CPU List

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

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 CPUS

 High End

High Mid Range

Low Mid Range

Low End

 Best Value (On Market)

Best Value XY Scatter

Best Value (All time)

 New Desktop

New Laptop

 Single Thread

Systems with Multiple CPUs

Overclocked

Power Performance

CPU Mark by Socket Type

 CPU Mega List

Search Model

 Compare ⁰

 Common

Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 7742	47365	1	6.82	\$6,950.00*
AMD Ryzen Threadripper 3960X	46240	2	NA	NA
AMD EPYC 7702P	46067	3	10.41	\$4,425.00*
AMD Ryzen 9 3950X	36126	4	NA	NA
Intel Xeon W-3175X @ 3.10GHz	33538	5	10.73	\$3,125.65
AMD Ryzen 9 PRO 3900	32889	6	NA	NA
AMD Ryzen 9 3900X	31914	7	45.30	\$704.47
Intel Xeon W-3265 @ 2.70GHz	31691	8	6.96	\$4,551.37*
AMD Ryzen 9 3900	30679	9	NA	NA
Intel Xeon Gold 6254 @ 3.10GHz	30018	10	8.09	\$3,709.00
Intel Core i9-9980XE @ 3.00GHz	29582	11	13.39	\$2,209.99
Intel Xeon Platinum 8168 @ 2.70GHz	29131	12	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	13	NA	NA
Intel Xeon Gold 6210U @ 2.50GHz	28560	14	13.87	\$2,059.86*
AMD EPYC 7402P	28291	15	19.84	\$1,426.31
Intel Core i9-9960X @ 3.10GHz	28250	16	18.34	\$1,539.99
Intel Xeon Platinum 8175M @ 2.50GHz	28103	17	NA	NA
Intel Xeon Gold 6212U @ 2.40GHz	28060	18	14.03	\$2,000.00*
Intel Xeon Gold 6154 @ 3.00GHz	27722	19	7.45	\$3,718.95

https://www.cpubenchmark.net/cpu_list.php

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Most
Benchmarked

 CPU Benchmarks

 Market Share

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-9940X @ 3.30GHz	27036	21	22.53	\$1,199.99
Intel Xeon Platinum 8124M @ 3.00GHz	26835	22	NA	NA
AMD Ryzen 7 PRO 3700	26231	23	NA	NA
Intel Core i9-7960X @ 2.80GHz	26030	24	19.28	\$1,349.99*
Intel Xeon Gold 6148 @ 2.40GHz	25817	25	8.83	\$2,925.00*
Intel Xeon Gold 6138 @ 2.00GHz	25774	26	9.84	\$2,619.49
Intel Xeon W-3235 @ 3.30GHz	25759	27	15.75	\$1,635.77*
Intel Xeon Gold 6246 @ 3.30GHz	25734	28	7.83	\$3,286.00*
Intel Core i9-7940X @ 3.10GHz	25426	29	27.94	\$909.99
Intel Xeon Gold 6242 @ 2.80GHz	25313	30	9.45	\$2,678.98
AMD Ryzen Threadripper 2950X	25284	31	37.18	\$679.99
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	32	9.35	\$2,702.00*
Intel Core i9-9920X @ 3.50GHz	25170	33	16.29	\$1,544.87
Intel Xeon Gold 6146 @ 3.20GHz	25142	34	5.46	\$4,608.95*
Intel Xeon Gold 6230 @ 2.10GHz	24600	35	11.69	\$2,104.95*
AMD Ryzen 7 3800X	24588	36	74.51	\$329.99
Intel Xeon W-2170B @ 2.50GHz	24561	37	NA	NA
Intel Xeon W-2195 @ 2.30GHz	24481	38	9.09	\$2,693.26
Intel Xeon W-2175 @ 2.50GHz	24454	39	11.79	\$2,073.34*
Intel Xeon Platinum 8176 @ 2.10GHz	24434	40	2.80	\$8,725.00*
Intel Xeon Gold 6140 @ 2.30GHz	23964	41	9.82	\$2,439.99*
Intel Xeon Gold 6132 @ 2.60GHz	23907	42	10.87	\$2,199.90*
AMD Ryzen 7 3700X	23857	43	76.96	\$309.99
Intel Xeon Gold 6152 @ 2.10GHz	23498	44	5.64	\$4,164.73
AMD EPYC 7502P	23465	45	10.20	\$2,300.00*
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	46	5.53	\$4,239.00
Intel Core i9-7920X @ 2.90GHz	23272	47	17.29	\$1,346.25*
AMD Ryzen Threadripper 2990WX	23226	48	13.46	\$1,724.99
Intel Core i9-9900X @ 3.50GHz	22984	49	31.49	\$729.99
Intel Xeon Gold 5218 @ 2.30GHz	22576	50	15.43	\$1,462.79
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	51	NA	NA
Intel Xeon E5-2699 v3 @ 2.30GHz	22340	52	18.48	\$1,209.00*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Threadripper 2990WX @ 3.00GHz	22071	53	14.24	\$1,550.00*
AMD EPYC 7371	22071	54	14.24	\$1,550.00*
AMD Ryzen Threadripper 2920X	22054	55	47.95	\$459.95
AMD Ryzen Threadripper 2970WX	21955	56	24.00	\$914.99
AMD Ryzen Threadripper 1950X	21945	57	44.79	\$489.99*
Intel Xeon W-2155 @ 3.30GHz	21917	58	14.32	\$1,530.39*
Intel Core i9-7900X @ 3.30GHz	21870	59	21.29	\$1,027.12*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	60	6.02	\$3,629.59*
AMD Ryzen 5 PRO 3600	21601	61	NA	NA
Intel Xeon E5-2673 v4 @ 2.30GHz	21458	62	NA	NA
Intel Xeon W-2150B @ 3.00GHz	21451	63	NA	NA
Intel Core i9-9900KS @ 4.00GHz	21448	64	23.57	\$909.99*
Intel Xeon E5-2697 v4 @ 2.30GHz	21435	65	7.02	\$3,054.99*
Intel Xeon E5-2697 v3 @ 2.60GHz	21425	66	44.12	\$485.60
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	67	7.05	\$3,009.95*
Intel Xeon E5-2690 v4 @ 2.60GHz	21167	68	9.75	\$2,169.99*
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	69	28.47	\$739.00
Intel Xeon Gold 6136 @ 3.00GHz	21034	70	8.05	\$2,613.59*
Intel Core i9-9820X @ 3.30GHz	20965	71	30.83	\$679.99
AMD EPYC 7571	20858	72	NA	NA
Intel Core i7-7900X @ 3.30GHz	20474	73	NA	NA
AMD Ryzen 5 3600X	20473	74	85.31	\$239.99
Intel Xeon Gold 6137 @ 3.90GHz	20443	75	NA	NA
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	76	NA	NA
Intel Core i9-9900KF @ 3.60GHz	20399	77	39.14	\$521.18
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	78	3.49	\$5,808.00*
AMD EPYC 7401P	20221	79	24.85	\$813.82
Intel Core i9-9900K @ 3.60GHz	20196	80	41.22	\$489.99
AMD Ryzen Threadripper 1920X	20045	81	95.46	\$209.99
Intel Core i7-6950X @ 3.00GHz	19923	82	9.10	\$2,188.87
AMD Ryzen 5 3600	19871	83	106.84	\$185.99
Intel Xeon E5-2680 v4 @ 2.40GHz	19864	84	13.16	\$1,509.00*
Intel Xeon E5-2687W v4 @ 3.00GHz	19863	85	9.13	\$2,174.99*
Intel Core i7-9800X @ 3.80GHz	19803	86	32.85	\$602.89
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	87	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 E5-2689 v4 @ 3.10GHz	19744	89	NA	NA
Intel Xeon Gold 6126 @ 2.60GHz	19711	90	10.43	\$1,889.97*
Intel Xeon E5-2695 v3 @ 2.30GHz	19710	91	40.23	\$489.99*
Intel Xeon Gold 6144 @ 3.50GHz	19667	92	6.72	\$2,925.00*
Intel Xeon E-2288G @ 3.70GHz	19658	93	36.47	\$539.00*
Intel Xeon Gold 6130 @ 2.10GHz	19643	94	9.80	\$2,005.06
Intel Xeon E5-4669 v3 @ 2.10GHz	19615	95	3.63	\$5,400.00*
Intel Xeon Silver 4216 @ 2.10GHz	19538	96	18.39	\$1,062.70
Intel Xeon D-2183IT @ 2.20GHz	19381	97	10.99	\$1,764.00*
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	98	NA	NA
Intel Xeon E5-2690 v3 @ 2.60GHz	19240	99	83.65	\$230.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Threadripper 2990X	19227	100	NA	NA
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	101	8.62	\$2,208.93*
AMD EPYC 7501	18942	102	9.19	\$2,060.86
Intel Core i9-9900 @ 3.10GHz	18678	103	33.03	\$565.52
Intel Xeon W-2140B @ 3.20GHz	18620	104	NA	NA
Intel Core i7-7820X @ 3.60GHz	18517	105	30.52	\$606.75
AMD EPYC 7551	18483	106	13.02	\$1,419.90
AMD EPYC 7551P	18443	107	8.95	\$2,060.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18426	108	99.61	\$184.99
Intel Xeon E-2286M @ 2.40GHz	18314	109	29.40	\$623.00*
Intel Xeon Gold 5120 @ 2.20GHz	18253	110	11.69	\$1,561.00*
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	111	NA	NA
Intel Xeon Gold 6134 @ 3.20GHz	18206	112	8.06	\$2,260.00
Intel Xeon Gold 5120T @ 2.20GHz	18145	113	10.51	\$1,727.00*
AMD EPYC 7351	18081	114	24.64	\$733.73
Intel Xeon E5-2687W v3 @ 3.10GHz	17795	115	30.16	\$589.99
Intel Xeon E-2278G @ 3.40GHz	17670	116	35.77	\$494.00*
Intel Xeon Silver 4214 @ 2.20GHz	17630	117	22.07	\$799.00
Intel Core i9-9980HK @ 2.40GHz	17621	118	30.23	\$583.00*
Intel Core i7-6900K @ 3.20GHz	17611	119	25.16	\$700.00
Intel Xeon E5-2676 v3 @ 2.40GHz	17608	120	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E5-2658 v4 @ 2.30GHz</u>	17275	122	NA	NA
<u>Intel Core i7-9700K @ 3.60GHz</u>	17218	123	<u>50.64</u>	<u>\$339.99</u>
<u>Intel Xeon E5-2697 v2 @ 2.70GHz</u>	17176	124	<u>55.59</u>	<u>\$309.00</u>
<u>AMD Ryzen 7 PRO 2700X</u>	17161	125	NA	NA
<u>Intel Xeon E5-1680 v4 @ 3.40GHz</u>	17063	126	NA	NA
<u>Intel Core i7-9700KF @ 3.60GHz</u>	17013	127	<u>47.26</u>	<u>\$359.99*</u>
<u>Intel Xeon E5-2678 v3 @ 2.50GHz</u>	16993	128	NA	NA
<u>AMD Ryzen 7 2700X</u>	16952	129	<u>99.73</u>	<u>\$169.99</u>
<u>Intel Xeon E5-2696 v2 @ 2.50GHz</u>	16920	130	NA	NA
<u>Intel Xeon E5-2660 v4 @ 2.00GHz</u>	16880	131	<u>11.25</u>	<u>\$1,499.99*</u>
<u>Intel Xeon E5-2670 v3 @ 2.30GHz</u>	16765	132	<u>108.17</u>	<u>\$154.99</u>
<u>Intel Core i9-9880H @ 2.30GHz</u>	16725	133	<u>30.08</u>	<u>\$556.00*</u>
<u>Intel Core i7-8086K @ 4.00GHz</u>	16682	134	<u>30.17</u>	<u>\$552.96*</u>
<u>Intel Xeon Gold 5117 @ 2.00GHz</u>	16672	135	NA	NA
<u>Intel Xeon E-2286G @ 4.00GHz</u>	16671	136	<u>37.05</u>	<u>\$450.00*</u>
<u>Intel Xeon E5-2667 v4 @ 3.20GHz</u>	16631	137	<u>8.53</u>	<u>\$1,949.03*</u>
<u>AMD Ryzen 5 3500X</u>	16542	138	NA	NA
<u>Intel Core i7-9700F @ 3.00GHz</u>	16446	139	<u>33.17</u>	<u>\$495.80</u>
<u>Intel Xeon E5-2673 v3 @ 2.40GHz</u>	16440	140	<u>23.49</u>	<u>\$700.00*</u>
<u>Intel Xeon Gold 5118 @ 2.30GHz</u>	16435	141	<u>15.21</u>	<u>\$1,080.87*</u>
<u>Intel Xeon E5-2660 v3 @ 2.60GHz</u>	16429	142	<u>51.35</u>	<u>\$319.95</u>
<u>Intel Xeon E5-2690 v2 @ 3.00GHz</u>	16391	143	<u>60.13</u>	<u>\$272.58*</u>
<u>Intel Xeon E5-2687W v2 @ 3.40GHz</u>	16343	144	<u>48.79</u>	<u>\$335.00</u>
<u>Intel Xeon E5-2673 v2 @ 3.30GHz</u>	16320	145	NA	NA
<u>Intel Xeon E5-1680 v3 @ 3.20GHz</u>	16317	146	NA	NA
<u>Intel Xeon W-2135 @ 3.70GHz</u>	16299	147	<u>18.18</u>	<u>\$896.60*</u>
<u>Intel Xeon E5-2658 v3 @ 2.20GHz</u>	16298	148	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E5-1680 v2 @ 3.00GHz</u>	16250	149	NA	NA
<u>Intel Xeon E5-1660 v4 @ 3.20GHz</u>	16203	150	<u>13.18</u>	<u>\$1,229.52*</u>
<u>Intel Xeon E5-2667 v2 @ 3.30GHz</u>	16165	151	<u>48.98</u>	<u>\$330.00*</u>
<u>AMD Ryzen Threadripper 1900X</u>	16095	152	<u>100.60</u>	<u>\$159.99</u>
<u>Intel Xeon E5-2695 v2 @ 2.40GHz</u>	16041	153	<u>61.94</u>	<u>\$258.99</u>

 CPU Benchmarks

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2278 @ 3.00GHz	16018	155	NA	NA
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	155	NA	NA
Intel Xeon E5-2667 v3 @ 3.20GHz	16011	156	51.82	\$309.00
Intel Core i7-5960X @ 3.00GHz	15987	157	15.33	\$1,042.93*
Intel Xeon Silver 4210 @ 2.20GHz	15974	158	27.12	\$589.00*
Intel Core i7-8700K @ 3.70GHz	15935	159	44.89	\$354.99
Intel Core i7-9700 @ 3.00GHz	15921	160	40.50	\$393.14
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	161	11.36	\$1,399.00*
Intel Xeon E5-2680 v2 @ 2.80GHz	15890	162	90.80	\$175.00
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	163	15.73	\$1,009.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	164	3.30	\$4,800.00*
Intel Xeon E-2186G @ 3.80GHz	15838	165	30.17	\$524.99*
Intel Xeon E-2136 @ 3.30GHz	15793	166	48.68	\$324.46*
Intel Xeon E-2236 @ 3.40GHz	15781	167	54.61	\$289.00*
AMD EPYC 7451	15767	168	16.82	\$937.44
Intel Xeon E-2146G @ 3.50GHz	15620	169	44.00	\$354.99*
Intel Xeon E-2176G @ 3.70GHz	15592	170	34.83	\$447.61*
AMD Ryzen 7 1800X	15543	171	42.89	\$362.42
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	172	6.97	\$2,225.00*
Intel Xeon Silver 4116 @ 2.10GHz	15509	173	17.15	\$904.25*
Intel Xeon E5-2640 v4 @ 2.40GHz	15420	174	16.76	\$920.27*
AMD Ryzen 7 PRO 2700	15406	175	NA	NA
AMD Ryzen 7 PRO 1700X	15324	176	NA	NA
Intel Xeon Silver 4215 @ 2.50GHz	15200	177	16.17	\$939.95
Intel Xeon Silver 4123 @ 3.00GHz	15185	178	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15137	179	NA	NA
Intel Core i7-8700 @ 3.20GHz	15135	180	37.01	\$408.99
Intel Core i9-9900T @ 2.10GHz	15090	181	34.38	\$439.00*
AMD Ryzen 7 2700	15068	182	94.19	\$159.99
Intel Xeon E5-2670 v2 @ 2.50GHz	15021	183	71.87	\$209.00
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	184	NA	NA
AMD EPYC 7301	14978	185	29.68	\$504.72
Intel Xeon Gold 6128 @ 3.40GHz	14941	186	8.49	\$1,759.75*
AMD EPYC 7351P	14887	187	15.71	\$947.33
Intel Xeon E5-2650 v3 @ 2.30GHz	14883	188	125.07	\$119.00

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8700B @ 3.20GHz	14802	190	48.85	\$303.00*
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	191	NA	NA
Intel Xeon E5-1660 v3 @ 3.00GHz	14656	192	9.07	\$1,616.49*
Intel Core i7-7800X @ 3.50GHz	14642	193	28.71	\$509.99*
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	194	18.71	\$779.00*
Intel Xeon E-2186M @ 2.90GHz	14526	195	23.32	\$623.00*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	196	6.04	\$2,400.00*
Intel Xeon D-1567 @ 2.10GHz	14482	197	NA	NA
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	14422	198	32.05	\$450.00*
Intel Xeon W-2133 @ 3.60GHz	14374	199	23.30	\$617.00*
Intel Core i7-6850K @ 3.60GHz	14371	200	31.74	\$452.75
AMD Ryzen 5 2600X	14362	201	114.91	\$124.99
Intel Xeon E5-2687W @ 3.10GHz	14341	202	69.28	\$207.00
Intel Xeon Silver 4114 @ 2.20GHz	14278	203	24.79	\$575.89
AMD Ryzen 5 PRO 2600	14221	205	NA	NA
Intel Core i9-8950HK @ 2.90GHz	14221	204	24.39	\$583.00*
Intel Xeon E5-1650 v4 @ 3.60GHz	14218	206	27.99	\$508.00*
AMD Ryzen 5 3500	14210	207	NA	NA
Intel Xeon E-2276G @ 3.80GHz	14143	208	39.07	\$362.00*
AMD Ryzen 7 PRO 1700	14112	209	NA	NA
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	210	9.42	\$1,496.00*
Intel Xeon D-1587 @ 1.70GHz	14049	211	NA	NA
Intel Core i7-9850H @ 2.60GHz	14013	212	35.48	\$395.00*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	213	NA	NA
Intel Core i5-9600 @ 3.10GHz	13931	214	62.19	\$224.00*
AMD Ryzen 7 1700	13930	215	52.57	\$264.99
Intel Xeon E5-1660 v2 @ 3.70GHz	13919	216	49.36	\$281.99*
Intel Xeon E-2278GEL @ 2.00GHz	13914	217	28.17	\$494.00*
Intel Xeon E5-2630 v4 @ 2.20GHz	13913	218	24.89	\$559.00
Intel Xeon E5-2643 v3 @ 3.40GHz	13887	219	53.41	\$259.99
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	220	77.09	\$179.99*
Intel Xeon E5-2640 v3 @ 2.60GHz	13864	221	102.70	\$135.00*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2126G @ 3.30GHz	13583	230	45.28	\$299.99*
Intel Core i7-4960X @ 3.60GHz	13805	223	17.93	\$769.99*
Intel Xeon E5-2690 @ 2.90GHz	13727	224	150.34	\$91.31
Intel Core i5-9600KF @ 3.70GHz	13710	225	72.17	\$189.99*
Intel Core i7-5930K @ 3.50GHz	13664	226	39.15	\$349.00
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	227	NA	NA
Intel Xeon E5-1650 v3 @ 3.50GHz	13626	228	106.61	\$127.81
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	229	NA	NA
Intel Xeon E-2126G @ 3.30GHz	13583	230	45.28	\$299.99*
Intel Core i7-6800K @ 3.40GHz	13566	231	33.95	\$399.57
Intel Core i7-9750H @ 2.60GHz	13558	232	34.32	\$395.00*
Intel Xeon E-2176M @ 2.70GHz	13552	233	30.12	\$450.00*
AMD Ryzen 5 2600	13513	235	113.56	\$119.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	234	58.19	\$232.22
Intel Core i5-9600K @ 3.70GHz	13482	236	67.41	\$199.99
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	237	7.48	\$1,801.96
Intel Core i7-9700T @ 2.00GHz	13426	238	41.57	\$323.00*
AMD Ryzen 7 2700E	13410	239	NA	NA
Intel Xeon E5-2689 @ 2.60GHz	13277	240	NA	NA
Intel Xeon E5-2650 v2 @ 2.60GHz	13244	241	151.21	\$87.59
AMD Ryzen 5 1600X	13202	242	89.82	\$146.99
Intel Xeon E5-2660 v2 @ 2.20GHz	13142	243	61.73	\$212.89*
Intel Xeon E5-2643 v2 @ 3.50GHz	13121	244	86.12	\$152.36
Intel Xeon Silver 4208 @ 2.10GHz	13116	245	20.50	\$639.95
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	246	9.61	\$1,364.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-9500F @ 3.00GHz	13055	247	64.63	\$202.00*
Intel Core i7-4930K @ 3.40GHz	13023	248	16.28	\$799.97
Intel Core i7-5820K @ 3.30GHz	13010	249	56.57	\$229.99
Intel Core i7-8850H @ 2.60GHz	12965	250	32.82	\$395.00*
Intel Core i7-10710U @ 1.10GHz	12931	251	29.19	\$443.00*
Intel Xeon E5-2680 @ 2.70GHz	12888	252	173.42	\$74.32
Intel Xeon E-2226G @ 3.40GHz	12887	253	49.57	\$260.00*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	254	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E-2140 @ 2.40GHz</u>	12797	256	<u>137.61</u>	<u>\$93.00</u>
<u>Intel Xeon E-2244G @ 3.80GHz</u>	12782	257	<u>46.99</u>	<u>\$272.00*</u>
<u>Intel Core i5-8500B @ 3.00GHz</u>	12756	258	<u>66.44</u>	<u>\$192.00*</u>
<u>Intel Xeon E5-1650 v2 @ 3.50GHz</u>	12750	259	<u>115.98</u>	<u>\$109.94*</u>
<u>Intel Xeon E5-4640 v3 @ 1.90GHz</u>	12703	260	NA	NA
<u>Intel Core i7-3970X @ 3.50GHz</u>	12695	261	<u>24.90</u>	<u>\$509.94*</u>
<u>Intel Core i7-9700TE @ 1.80GHz</u>	12688	262	<u>39.28</u>	<u>\$323.00*</u>
<u>Intel Core i5-8600K @ 3.60GHz</u>	12678	263	<u>43.29</u>	<u>\$292.89</u>
<u>Intel Core i7-8700T @ 2.40GHz</u>	12620	264	<u>28.11</u>	<u>\$449.00</u>
<u>Intel Xeon E-2274G @ 4.00GHz</u>	12595	265	<u>37.71</u>	<u>\$334.00*</u>
<u>Intel Core i7-3960X @ 3.30GHz</u>	12571	266	<u>89.80</u>	<u>\$139.99</u>
<u>Intel Xeon E5-4627 v2 @ 3.30GHz</u>	12511	267	<u>24.58</u>	<u>\$508.95*</u>
<u>Intel Core i5-8600 @ 3.10GHz</u>	12482	268	<u>39.41</u>	<u>\$316.75</u>
<u>Intel Core i7-8750H @ 2.20GHz</u>	12400	269	<u>31.39</u>	<u>\$395.00*</u>
<u>Intel Core i5-9500 @ 3.00GHz</u>	12395	270	<u>46.98</u>	<u>\$263.85</u>
<u>Intel Xeon E5-2670 @ 2.60GHz</u>	12371	271	<u>90.90</u>	<u>\$136.10</u>
<u>Intel Xeon W-2125 @ 4.00GHz</u>	12321	272	<u>25.24</u>	<u>\$488.10*</u>
<u>Intel Xeon E5-2628L v3 @ 2.00GHz</u>	12295	273	NA	NA
<u>Intel Xeon E5-4655 v3 @ 2.90GHz</u>	12292	274	<u>2.66</u>	<u>\$4,616.00*</u>
<u>AMD Ryzen 5 1600</u>	12288	275	<u>92.28</u>	<u>\$133.16</u>
<u>Intel Xeon E-2174G @ 3.80GHz</u>	12278	276	<u>30.47</u>	<u>\$402.99*</u>
<u>Intel Xeon E5-1660 @ 3.30GHz</u>	12246	277	<u>9.98</u>	<u>\$1,226.66*</u>
<u>Intel Core i7-8559U @ 2.70GHz</u>	12224	278	<u>21.08</u>	<u>\$580.00</u>
<u>Intel Core i7-7740X @ 4.30GHz</u>	12219	279	<u>31.74</u>	<u>\$385.00</u>
<u>AMD Ryzen 5 PRO 1600</u>	12213	280	NA	NA
<u>Intel Xeon E5-2618L v3 @ 2.30GHz</u>	12186	281	NA	NA
<u>Intel Xeon E5-4650L @ 2.60GHz</u>	12145	282	<u>161.98</u>	<u>\$74.98*</u>
<u>Intel Core i5-9400F @ 2.90GHz</u>	12108	283	<u>83.51</u>	<u>\$144.99</u>
<u>Intel Core i7-7700K @ 4.20GHz</u>	11994	284	<u>30.79</u>	<u>\$389.50</u>
<u>Intel Xeon E3-1285 v6 @ 4.10GHz</u>	11992	285	<u>18.58</u>	<u>\$645.40</u>
<u>Intel Core i7-3930K @ 3.20GHz</u>	11973	286	<u>52.06</u>	<u>\$229.99*</u>
<u>Intel Core i5-9400 @ 2.90GHz</u>	11941	287	<u>59.71</u>	<u>\$199.99</u>
<u>AMD EPYC 7251</u>	11811	288	<u>25.01</u>	<u>\$472.28</u>
<u>Intel Core i5-8500 @ 3.00GHz</u>	11797	289	<u>39.55</u>	<u>\$298.26</u>

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2650 @ 2.80GHz	11735	291	23.71	\$495.00*
Intel Core i5-9600T @ 2.30GHz	11706	292	54.96	\$213.00*
AMD EPYC 3251	11690	293	37.11	\$315.00*
Intel Xeon E5-4650 @ 2.70GHz	11685	294	166.96	\$69.99*
Intel Xeon Silver 4110 @ 2.10GHz	11657	295	25.68	\$454.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8400 @ 2.80GHz	11570	296	54.07	\$213.99
Intel Xeon E-2144G @ 3.60GHz	11508	297	32.70	\$351.90*
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	298	7.30	\$1,560.86*
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	299	7.70	\$1,479.00*
Intel Core i5-9400H @ 2.50GHz	11379	300	45.52	\$250.00*
Intel Xeon @ 2.00GHz	11327	301	NA	NA
Intel Xeon E5-2620 v4 @ 2.10GHz	11324	302	28.54	\$396.75
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	303	NA	NA
Intel Xeon E5-2470 v2 @ 2.40GHz	11268	304	52.26	\$215.64*
Intel Xeon E5-2660 @ 2.20GHz	11255	305	85.39	\$131.82*
Intel Xeon E3-1270 v6 @ 3.80GHz	11171	306	32.21	\$346.82
Intel Core i7-4790K @ 4.00GHz	11165	307	39.88	\$279.99
Intel Core i7-6700K @ 4.00GHz	11109	308	28.22	\$393.73*
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	309	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11083	310	NA	NA
Intel Xeon E3-1280 v6 @ 3.90GHz	11041	311	20.79	\$531.09
Intel Xeon E3-1275 v6 @ 3.80GHz	11028	312	28.38	\$388.60
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	313	NA	NA
Intel Core i5-8259U @ 2.30GHz	10999	314	13.98	\$786.64
Intel Xeon E5-2470 @ 2.30GHz	10986	315	85.83	\$128.00*
Intel Core i7-8809G @ 3.10GHz	10984	316	NA	NA
Intel Core i5-8600T @ 2.30GHz	10981	317	29.92	\$366.99*
Intel Xeon D-2146NT @ 2.30GHz	10968	318	17.11	\$641.00*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	319	NA	NA
Intel Xeon D-1557 @ 1.50GHz	10950	320	15.78	\$694.00*
Intel Xeon Silver 4109T @ 2.00GHz	10946	321	21.85	\$501.00*
AMD Opteron 6386 SE	10912	322	75.26	\$144.99

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2134 @ 3.50GHz	10882	324	38.53	\$282.43*
Intel Core i7-5775R @ 3.30GHz	10879	325	NA	NA
Intel Core i7-5775C @ 3.30GHz	10851	326	15.81	\$686.32*
Intel Core i7-5950HQ @ 2.90GHz	10850	327	NA	NA
AMD Ryzen 5 PRO 3400G	10833	328	NA	NA
Intel Xeon E5-4640 @ 2.40GHz	10807	329	3.96	\$2,730.00*
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	330	19.42	\$556.00*
Intel Core i7-1065G7 @ 1.30GHz	10746	331	NA	NA
Intel Core i5-8257U @ 1.40GHz	10742	332	33.57	\$320.00*
Intel Xeon D-1540 @ 2.00GHz	10740	333	NA	NA
Intel Xeon Silver 4108 @ 1.80GHz	10704	334	20.99	\$509.95*
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	335	NA	NA
Intel Core i7-7700 @ 3.60GHz	10686	336	33.80	\$316.18
Intel Xeon D-1548 @ 2.00GHz	10679	337	19.24	\$555.00*
Intel Xeon E5-2667 @ 2.90GHz	10670	338	206.39	\$51.70*
Intel Xeon W-2123 @ 3.60GHz	10663	339	33.43	\$318.99
Intel Core i5-9500T @ 2.20GHz	10657	340	55.51	\$192.00*
Intel Core i5-8279U @ 2.40GHz	10623	341	33.20	\$320.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10620	342	15.39	\$690.01*
Intel Xeon E3-1575M v5 @ 3.00GHz	10616	343	8.80	\$1,207.00*
Intel Core i7-8706G @ 3.10GHz	10539	344	NA	NA
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	10538	345	16.92	\$623.00*
Intel Xeon E3-1245 v6 @ 3.70GHz	10533	346	31.78	\$331.49
Intel Core i3-9350KF @ 4.00GHz	10526	347	45.02	\$233.83
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	348	4.76	\$2,208.95*
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	349	NA	NA
Intel Xeon E3-1285 v3 @ 3.60GHz	10509	350	NA	NA
Intel Xeon E3-1240 v6 @ 3.70GHz	10472	351	35.14	\$298.00
Intel Xeon E5-2630 v2 @ 2.60GHz	10378	352	236.20	\$43.94
Intel Core i5-8400H @ 2.50GHz	10377	353	41.51	\$250.00*
Intel Xeon E3-1275 v5 @ 3.60GHz	10353	354	27.28	\$379.52*
Intel Xeon E5-2450 @ 2.10GHz	10332	355	172.26	\$59.98

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1545M v5 @ 2.90GHz	10313	357	NA	NA
Intel Xeon E5-1630 v4 @ 3.70GHz	10310	358	NA	NA
Intel Core i7-4980HQ @ 2.80GHz	10301	359	NA	NA
AMD Ryzen 5 PRO 3400GE	10300	360	NA	NA
Intel Xeon E3-1270 v5 @ 3.60GHz	10279	361	22.61	\$454.66
Intel Xeon E5-2650 @ 2.00GHz	10265	362	235.98	\$43.50
Intel Xeon E5-1630 v3 @ 3.70GHz	10228	363	21.40	\$477.99
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	364	13.88	\$736.16*
Intel Xeon E5-2640 v2 @ 2.00GHz	10213	365	63.99	\$159.61
Intel Xeon E3-1276 v3 @ 3.60GHz	10209	366	9.51	\$1,073.00*
AMD FX-9590 Eight-Core	10193	367	22.16	\$459.95
Intel Xeon E3-1245 v5 @ 3.50GHz	10169	368	29.45	\$345.31*
Intel Core i3-9320 @ 3.70GHz	10144	369	62.62	\$162.00*
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	370	22.78	\$445.00*
AMD Ryzen 5 PRO 1500	10133	371	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10117	373	11.39	\$888.00*
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	372	53.25	\$190.00
AMD Ryzen 5 1500X	10110	374	76.61	\$131.97
Intel Xeon E-2224 @ 3.40GHz	10096	375	50.99	\$198.00*
AMD Opteron 6380	10081	376	170.88	\$59.00
Intel Core i7-4770K @ 3.50GHz	10075	377	29.12	\$345.98
Intel Xeon E3-1275 v3 @ 3.50GHz	10048	378	25.06	\$400.99*
Intel Xeon E3-1281 v3 @ 3.70GHz	10031	379	11.43	\$877.75*
Intel Xeon E3-1241 v3 @ 3.50GHz	10022	380	27.09	\$369.99*
Intel Core i3-9300 @ 3.70GHz	10018	381	65.91	\$152.00*
Intel Xeon E3-1515M v5 @ 2.80GHz	10016	382	NA	NA
Intel Core i7-6700 @ 3.40GHz	10003	383	29.86	\$334.99
Intel Core i7-7920HQ @ 3.10GHz	9991	384	17.59	\$568.00*
Intel Core i7-4790 @ 3.60GHz	9989	385	58.80	\$169.89
Intel Xeon E5-2620 v3 @ 2.40GHz	9986	386	118.89	\$84.00
AMD Ryzen 5 PRO 2400G	9984	387	NA	NA
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	388	12.35	\$808.02*
Intel Core i5-9400T @ 1.80GHz	9976	389	54.82	\$182.00*
AMD Ryzen 5 3400G	9973	390	71.76	\$139.00

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7820HK @ 2.90GHz	9954	392	26.34	\$378.00*
Intel Xeon E3-1270 v3 @ 3.50GHz	9922	393	49.61	\$199.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1620 v4 @ 3.50GHz	9903	394	25.92	\$382.13
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	395	11.80	\$839.00*
Intel Xeon E-2124G @ 3.40GHz	9891	396	38.04	\$260.00*
Intel Core i7-8705G @ 3.10GHz	9882	397	7.02	\$1,408.75*
Intel Core i5-9300H @ 2.40GHz	9881	398	39.53	\$250.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	399	131.74	\$75.00
Intel Xeon E3-1246 v3 @ 3.50GHz	9864	400	24.12	\$409.00*
Intel Xeon E-2224G @ 3.50GHz	9863	401	45.24	\$218.00*
Intel Core i7-4771 @ 3.50GHz	9860	402	16.17	\$609.99*
Intel Core i7-4960HQ @ 2.60GHz	9856	403	15.82	\$623.00*
Intel Core i7-4770R @ 3.20GHz	9830	404	NA	NA
Intel Core i7-5850EQ @ 2.70GHz	9817	405	22.57	\$435.00*
Intel Core i7-995X @ 3.60GHz	9791	406	NA	NA
AMD Opteron 6287 SE	9789	407	NA	NA
Intel Xeon E3-1230 v6 @ 3.50GHz	9784	408	36.38	\$269.00
Intel Core i7-4770 @ 3.40GHz	9781	409	63.52	\$154.00
Intel Core i7-8709G @ 3.10GHz	9780	410	NA	NA
Intel Core i7-4940MX @ 3.10GHz	9776	411	13.77	\$709.95*
Intel Xeon E3-1280 v3 @ 3.60GHz	9760	412	21.74	\$449.00*
Intel Xeon E3-1230 v5 @ 3.40GHz	9746	413	23.65	\$412.18*
Intel Xeon E5-1620 v3 @ 3.50GHz	9745	414	76.21	\$127.88*
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	415	28.62	\$339.95*
Intel Core i7-4820K @ 3.70GHz	9720	416	44.19	\$219.99*
Intel Core i7-6770HQ @ 2.60GHz	9718	417	9.70	\$1,001.88*
AMD Ryzen 5 2500X	9704	418	NA	NA
Intel Xeon E3-1240 v3 @ 3.40GHz	9677	419	25.18	\$384.40*
Intel Xeon E3-1505M v6 @ 3.00GHz	9670	420	NA	NA
Intel Xeon E3-1290 V2 @ 3.70GHz	9653	421	10.91	\$885.00*
Intel Xeon D-1531 @ 2.20GHz	9643	422	27.71	\$348.00*
AMD EPYC 3201	9634	423	NA	NA

 CPU Benchmarks

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2658 @ 2.10GHz	9632	424	6.59	\$1,462.00*
Intel Core i5-1035G7 @ 1.20GHz	9614	426	30.05	\$320.00*
Intel Core i7-10510U @ 1.80GHz	9595	427	23.46	\$409.00*
Intel Xeon E3-1245 v3 @ 3.40GHz	9591	428	37.61	\$255.00
Intel Core i7-4790S @ 3.20GHz	9558	429	19.10	\$500.44
Intel Xeon E5-4610 @ 2.40GHz	9552	430	7.81	\$1,223.00*
Intel Core i7-6920HQ @ 2.90GHz	9549	431	16.81	\$568.00*
Intel Core i7-3770K @ 3.50GHz	9515	432	45.53	\$209.00
Intel Core i5-8400T @ 1.70GHz	9512	433	50.33	\$189.00
Intel Xeon E5-1620 v2 @ 3.70GHz	9500	434	161.05	\$58.99
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	435	12.27	\$774.00*
Intel Core i5-8300H @ 2.30GHz	9469	436	37.88	\$250.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9469	437	49.84	\$189.99
AMD FX-9370 Eight-Core	9461	439	17.05	\$555.00
Intel Core i5-7640X @ 4.00GHz	9461	438	39.43	\$239.95*
Intel Core i7-5850HQ @ 2.70GHz	9459	440	21.80	\$434.00*
Intel Xeon E3-1280 V2 @ 3.60GHz	9445	441	26.24	\$360.00
Intel Core i7-4930MX @ 3.00GHz	9444	443	8.62	\$1,096.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2124 @ 3.30GHz	9444	442	42.93	\$219.99*
Intel Xeon E3-1275 V2 @ 3.50GHz	9435	444	23.91	\$394.72*
Intel Xeon E5-2640 @ 2.50GHz	9420	445	96.89	\$97.23
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	446	NA	NA
AMD Opteron 6344	9372	447	24.09	\$389.00*
Intel Core i7-4870HQ @ 2.50GHz	9353	448	NA	NA
Intel Core i7-4770S @ 3.10GHz	9347	449	15.32	\$610.00
Intel Core i7-4910MQ @ 2.90GHz	9335	450	20.30	\$459.95*
Intel Xeon E3-1230 v3 @ 3.30GHz	9327	451	43.38	\$215.00
AMD Ryzen 5 2400G	9326	452	72.87	\$127.99
Intel Xeon E5-4617 @ 2.90GHz	9313	453	103.59	\$89.90*
Intel Core i7-7700T @ 2.90GHz	9311	454	23.34	\$399.00
Intel Xeon E3-1535M v5 @ 2.90GHz	9309	455	14.94	\$623.00*
Intel Core i7-4860HQ @ 2.40GHz	9301	456	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 E5-2630 v2 @ 2.60GHz	9277	458	85.12	\$108.99
Intel Xeon E5-4620 @ 2.20GHz	9248	459	68.91	\$134.21*
Intel Core i7-7820HQ @ 2.90GHz	9244	460	24.46	\$378.00*
Intel Core i3-8350K @ 4.00GHz	9238	461	46.48	\$198.75
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	462	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9224	463	63.62	\$145.00
Intel Xeon E5-2440 @ 2.40GHz	9221	464	230.59	\$39.99
AMD Opteron 6376	9212	465	141.72	\$65.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9204	466	12.97	\$709.95
Intel Core i7-3940XM @ 3.00GHz	9160	467	17.00	\$539.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9155	468	72.71	\$125.92
Intel Core i7-7820EQ @ 3.00GHz	9144	469	24.19	\$378.00*
Intel Xeon E3-1245 V2 @ 3.40GHz	9133	470	58.18	\$156.99
Intel Core i7-6820HK @ 2.70GHz	9125	471	24.14	\$378.00*
AMD Opteron 6282 SE	9116	472	14.24	\$640.00
AMD Opteron 6378	9094	473	47.87	\$190.00
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	474	232.44	\$39.10*
Intel Core i7-4790T @ 2.70GHz	9074	475	25.21	\$359.99*
Intel Xeon E5-1620 @ 3.60GHz	9066	476	139.49	\$65.00*
Intel Xeon E5-2430 v2 @ 2.50GHz	9061	477	90.61	\$100.00*
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	478	NA	NA
Intel Core i7-4850HQ @ 2.30GHz	9056	479	20.87	\$434.00*
Intel Core i7-990X @ 3.47GHz	9055	480	25.87	\$349.99*
Intel Core i5-7600K @ 3.80GHz	9048	481	28.09	\$322.12
AMD FX-8370 Eight-Core	9047	482	45.24	\$199.99*
AMD Ryzen 5 2400GE	9027	483	NA	NA
Intel Core i7-6700T @ 2.80GHz	9001	484	23.94	\$375.99*
Intel Core i7-3820 @ 3.60GHz	8987	485	22.47	\$399.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8987	486	13.85	\$649.00*
Intel Core i7-3920XM @ 2.90GHz	8981	487	8.19	\$1,096.00*
Intel Core i7-4900MQ @ 2.80GHz	8971	488	15.29	\$586.67*
Intel Xeon W3690 @ 3.47GHz	8965	489	45.97	\$195.01*
Intel Core i7-4770HQ @ 2.20GHz	8961	490	NA	NA
Intel Xeon X5679 @ 3.20GHz	8958	491	NA	NA

 CPU Benchmarks

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Mark (higher is better)	(lower is better)	(higher is better)	(USD)
AMD FX-8350 Eight-Core	8957	492	42.66	\$209.98
Intel Xeon E3-1505M v5 @ 2.80GHz	8956	493	NA	NA
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	494	6.29	\$1,424.00*
Intel Core i3-9100 @ 3.60GHz	8947	496	59.65	\$149.99
Intel Core i5-8305G @ 2.80GHz	8947	495	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8928	497	223.54	\$39.94*
Intel Core i3-9100F @ 3.60GHz	8911	498	99.03	\$89.99
Intel Xeon W3680 @ 3.33GHz	8906	499	55.68	\$159.95*
Intel Core i5-1035G1 @ 1.00GHz	8902	500	29.98	\$297.00*
Intel Core i7-3770S @ 3.10GHz	8901	501	64.04	\$139.00
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	502	NA	NA
AMD Ryzen 7 3750H	8896	503	NA	NA
AMD Opteron 6276	8889	504	52.60	\$169.00
AMD Ryzen 7 PRO 2700U	8877	505	NA	NA
Intel Core i5-1035G4 @ 1.10GHz	8873	506	28.72	\$309.00*
Intel Xeon E3-1230 V2 @ 3.30GHz	8869	507	113.72	\$78.00
Intel Xeon E5-4610 v3 @ 1.70GHz	8853	508	7.26	\$1,219.00*
Intel Core i7-8565U @ 1.80GHz	8850	509	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8793	510	NA	NA
Intel Xeon X5690 @ 3.47GHz	8787	511	86.03	\$102.15
Intel Core i3-9300T @ 3.20GHz	8777	512	61.38	\$143.00*
Intel Xeon E3-1290 @ 3.60GHz	8768	513	9.91	\$885.00*
Intel Core i7-7700HQ @ 2.80GHz	8767	514	23.19	\$378.00*
Intel Core i7-3840QM @ 2.80GHz	8764	515	30.32	\$289.05*
Intel Core i7-6820HQ @ 2.70GHz	8761	516	NA	NA
Intel Core i7-8665U @ 1.90GHz	8757	517	21.41	\$409.00*
Intel Xeon E5-2420 v2 @ 2.20GHz	8750	518	210.51	\$41.57
Intel Core i7-980X @ 3.33GHz	8747	519	7.88	\$1,109.95*
Intel Core i7-8665UE @ 1.70GHz	8731	520	21.35	\$409.00*
Intel Core i3-8300 @ 3.70GHz	8700	521	41.43	\$210.01
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	522	19.05	\$456.54*
Intel Core i7-8650U @ 1.90GHz	8691	523	21.20	\$409.99
Intel Core i7-2700K @ 3.50GHz	8689	524	28.97	\$300.00

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2620 v2 @ 2.10GHz	8674	526	NA	NA
Intel Core i7-6700TE @ 2.40GHz	8674	526	NA	NA
Intel Core i7-4810MQ @ 2.80GHz	8651	527	45.55	\$189.95*
Intel Core i7-6820EQ @ 2.80GHz	8630	528	NA	NA
Intel Core i5-7600 @ 3.50GHz	8623	529	36.01	\$239.50*
Intel Xeon Silver 4112 @ 2.60GHz	8611	530	16.75	\$513.99*
AMD Ryzen 7 PRO 3700U	8609	531	NA	NA
Intel Xeon E5-2620 v2 @ 2.10GHz	8606	532	215.21	\$39.99
Intel Core i7-4770T @ 2.50GHz	8601	533	21.50	\$399.99*
Intel Core i5-10210U @ 1.60GHz	8594	534	28.94	\$297.00*
AMD Ryzen Embedded V1756B	8559	535	NA	NA
Intel Core i3-8100B @ 3.60GHz	8544	536	64.24	\$133.00*
Intel Core i7-980 @ 3.33GHz	8530	537	42.66	\$199.98*
AMD Ryzen 3 PRO 3200G	8528	538	NA	NA
AMD Ryzen Embedded V1807B	8528	539	NA	NA
Intel Xeon E5-2623 v4 @ 2.60GHz	8506	540	15.50	\$549.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 2800H	8498	541	NA	NA
Intel Xeon E5-2650L @ 1.80GHz	8483	542	63.69	\$133.20
Intel Xeon E5-2643 @ 3.30GHz	8452	543	143.33	\$58.97
AMD Ryzen 5 PRO 2400GE	8447	544	NA	NA
Intel Core i7-4800MQ @ 2.70GHz	8447	545	41.41	\$204.00*
Intel Xeon D-1537 @ 1.70GHz	8445	546	14.79	\$571.00*
Intel Xeon D-1539 @ 1.60GHz	8443	547	17.37	\$486.00*
Intel Core i7-2600K @ 3.40GHz	8434	548	58.14	\$145.08
Intel Xeon E3-1280 @ 3.50GHz	8416	549	25.34	\$332.20
AMD Ryzen 5 3550H	8405	550	NA	NA
Intel Core i7-3820QM @ 2.70GHz	8401	551	29.48	\$285.00*
Intel Core i5-8365U @ 1.60GHz	8374	552	28.20	\$297.00*
AMD Ryzen 5 1400	8368	553	62.68	\$133.51
AMD Ryzen 5 2600H	8366	554	NA	NA
AMD Ryzen 5 PRO 3500U	8356	555	NA	NA
Intel Core i7-970 @ 3.20GHz	8354	557	16.71	\$499.95*
Intel Xeon X5680 @ 3.33GHz	8354	556	126.09	\$66.26

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 3 2300X	8346	559	NA	NA
Intel Core i7-3740QM @ 2.70GHz	8299	560	34.59	\$239.95*
AMD Ryzen 3 PRO 3200GE	8269	561	NA	NA
Intel Xeon E5-2450L @ 1.80GHz	8261	562	63.55	\$130.00*
Intel Xeon E3-1270 @ 3.40GHz	8254	563	26.20	\$315.00
Intel Core i7-8550U @ 1.80GHz	8249	564	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	565	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	566	NA	NA
Intel Core i7-3770T @ 2.50GHz	8204	567	24.86	\$329.99*
Intel Core i7-4750HQ @ 2.00GHz	8202	568	NA	NA
Intel Core i7-2600 @ 3.40GHz	8183	569	68.20	\$119.99
AMD Ryzen 5 PRO 2500U	8179	570	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	571	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8150	572	38.26	\$213.00*
Intel Core i5-5675C @ 3.10GHz	8135	573	26.25	\$309.95*
Intel Core i5-8350U @ 1.70GHz	8126	575	27.36	\$297.00*
Intel Core i7-6700HQ @ 2.60GHz	8126	574	21.50	\$378.00*
Intel Core i7-3720QM @ 2.60GHz	8124	576	22.38	\$363.00*
Intel Xeon E3-1275 @ 3.40GHz	8111	577	26.68	\$304.00
Intel Core i7-4722HQ @ 2.40GHz	8093	578	NA	NA
Intel Core i5-6600K @ 3.50GHz	8060	579	30.63	\$263.11*
Intel Xeon D-1559 @ 1.50GHz	8055	580	NA	NA
Intel Xeon E3-1245 @ 3.30GHz	8041	581	75.88	\$105.99
Intel Xeon E5-2630L @ 2.00GHz	8041	582	NA	NA
AMD Ryzen 3 PRO 2200G	8040	583	NA	NA
AMD FX-8320 Eight-Core	8038	584	58.24	\$138.01
Intel Core i3-8300T @ 3.20GHz	8032	585	47.11	\$170.49*
AMD Ryzen 7 3700U	8026	586	NA	NA
Intel Xeon W3670 @ 3.20GHz	8021	587	16.04	\$499.99*
Intel Core i5-8365UE @ 1.60GHz	8010	588	26.97	\$297.00*
Intel Core i3-8100 @ 3.60GHz	8006	589	64.57	\$123.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8265U @ 1.60GHz	8004	590	26.95	\$297.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon X5675 @ 3.07GHz</u>	7993	592	<u>150.84</u>	<u>\$52.99</u>
<u>Intel Core i5-5675R @ 3.10GHz</u>	7991	593	NA	NA
<u>Intel Core i7-4720HQ @ 2.60GHz</u>	7990	594	NA	NA
<u>Intel Core i5-7600T @ 2.80GHz</u>	7983	595	<u>28.46</u>	<u>\$280.55*</u>
<u>Intel Core i7-4710MQ @ 2.50GHz</u>	7980	596	<u>29.39</u>	<u>\$271.57*</u>
<u>Intel Xeon E3-1240 @ 3.30GHz</u>	7975	597	<u>81.39</u>	<u>\$97.99</u>
<u>Intel Xeon E3-1225 v6 @ 3.30GHz</u>	7958	598	<u>31.27</u>	<u>\$254.53</u>
<u>Intel Core i5-7500 @ 3.40GHz</u>	7941	599	<u>28.40</u>	<u>\$279.60</u>
<u>AMD Ryzen 3 3200G</u>	7912	600	<u>85.27</u>	<u>\$92.79</u>
<u>Intel Xeon E5-2620 @ 2.00GHz</u>	7904	601	<u>272.66</u>	<u>\$28.99</u>
<u>Intel Core i7-4860EQ @ 1.80GHz</u>	7900	602	NA	NA
<u>AMD Ryzen 5 3580U</u>	7896	603	NA	NA
<u>Intel Xeon E3-1505L v6 @ 2.20GHz</u>	7887	604	NA	NA
<u>AMD Ryzen 7 3780U</u>	7870	605	NA	NA
<u>AMD FX-8370E Eight-Core</u>	7869	606	<u>24.58</u>	<u>\$320.09</u>
<u>Intel Xeon E5-2608L v3 @ 2.00GHz</u>	7857	607	<u>17.82</u>	<u>\$441.00*</u>
<u>Intel Xeon E3-1230 @ 3.20GHz</u>	7851	608	<u>81.79</u>	<u>\$95.99</u>
<u>Intel Xeon E3-1268L v3 @ 2.30GHz</u>	7850	609	NA	NA
<u>AMD Ryzen 5 3500U</u>	7844	610	NA	NA
<u>Intel Xeon E5-2430L @ 2.00GHz</u>	7834	611	<u>242.71</u>	<u>\$32.28*</u>
<u>Intel Xeon E3-1225 v5 @ 3.30GHz</u>	7826	612	<u>29.20</u>	<u>\$268.04</u>
<u>Intel Xeon E-2104G @ 3.20GHz</u>	7825	613	<u>40.54</u>	<u>\$193.00*</u>
<u>AMD Opteron 6328</u>	7813	614	<u>21.76</u>	<u>\$359.00</u>
<u>Intel Xeon X5670 @ 2.93GHz</u>	7806	615	<u>229.60</u>	<u>\$34.00</u>
<u>Intel Core i5-4690K @ 3.50GHz</u>	7797	616	<u>49.04</u>	<u>\$159.00</u>
<u>Intel Xeon E3-1240L v5 @ 2.10GHz</u>	7793	617	<u>28.03</u>	<u>\$278.00*</u>
<u>Intel Core i5-8265UC @ 1.60GHz</u>	7780	618	NA	NA
<u>Intel Core i5-6600 @ 3.30GHz</u>	7777	619	<u>29.67</u>	<u>\$262.13*</u>
<u>Intel Xeon E3-1220 v5 @ 3.00GHz</u>	7772	620	<u>29.17</u>	<u>\$266.46*</u>
<u>AMD FX-8300 Eight-Core</u>	7771	621	<u>64.77</u>	<u>\$119.99*</u>
<u>Intel Xeon E3-1235 @ 3.20GHz</u>	7759	622	<u>31.80</u>	<u>\$244.00*</u>
<u>Intel Xeon E3-1220 v6 @ 3.00GHz</u>	7752	623	<u>36.64</u>	<u>\$211.59</u>
<u>AMD FX-8310 Eight-Core</u>	7738	624	NA	NA
<u>Intel Core i7-4700HQ @ 2.40GHz</u>	7734	625	<u>20.19</u>	<u>\$383.00*</u>

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2430 @ 2.20GHz	7695	627	76.10	\$101.12*
Intel Core i5-4690 @ 3.50GHz	7691	628	30.32	\$253.70
Intel Core i7-4700MQ @ 2.40GHz	7690	629	40.69	\$189.00*
AMD Opteron 6238	7673	630	21.32	\$359.89*
AMD FX-8150 Eight-Core	7656	631	64.36	\$118.95
Intel Core i3-9100T @ 3.10GHz	7650	632	62.71	\$122.00*
Intel Core i5-8250U @ 1.60GHz	7646	633	NA	NA
Intel Core i7-4785T @ 2.20GHz	7641	634	NA	NA
Intel Core i5-4670K @ 3.40GHz	7636	635	24.63	\$309.99
Intel Core i5-7440HQ @ 2.80GHz	7626	636	NA	NA
Intel Xeon X5660 @ 2.80GHz	7589	637	120.11	\$63.19*
Intel Core i7-3630QM @ 2.40GHz	7581	638	31.72	\$239.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1226 v3 @ 3.30GHz	7581	639	12.74	\$595.00*
AMD FX-8320E Eight-Core	7579	640	31.68	\$239.24
Intel Xeon W-2104 @ 3.20GHz	7578	641	29.72	\$255.00*
AMD Ryzen 3 1300X	7562	642	54.89	\$137.76
Intel Core i7-4712HQ @ 2.30GHz	7532	643	NA	NA
AMD Opteron 6366 HE	7503	644	250.19	\$29.99*
Intel Xeon E3-1240L v3 @ 2.00GHz	7486	645	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	646	NA	NA
Intel Core i5-4670 @ 3.40GHz	7475	647	19.67	\$379.95
AMD Ryzen 3 PRO 2200GE	7458	649	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7458	650	18.65	\$399.99*
Intel Core i7-3615QE @ 2.30GHz	7458	648	NA	NA
Intel Xeon E3-1265L V2 @ 2.50GHz	7455	651	50.37	\$148.00
Intel Core i5-4690S @ 3.20GHz	7439	652	20.71	\$359.21*
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	653	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	654	26.88	\$276.00*
Intel Core i7-4702HQ @ 2.20GHz	7417	655	NA	NA
AMD Ryzen 7 2700U	7414	656	NA	NA
Intel Core i5-4670K CPT @ 3.40GHz	7411	657	NA	NA
Intel Core i5-4670S @ 3.10GHz	7399	658	34.74	\$213.00*

 CPU Benchmarks

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Ryzen 5 2500U</u>	7348	660	NA	NA
<u>Intel Core i5-4590 @ 3.30GHz</u>	7344	661	82.53	\$89.00
<u>AMD Ryzen 3 2200G</u>	7334	662	94.06	\$77.98
<u>Intel Core i7-4765T @ 2.00GHz</u>	7309	663	14.36	\$508.95
<u>Intel Core i3-8100T @ 3.10GHz</u>	7305	664	56.63	\$129.00*
<u>Intel Xeon X5650 @ 2.67GHz</u>	7290	665	102.13	\$71.39
<u>Intel Core i5-6600T @ 2.70GHz</u>	7273	666	24.25	\$299.95*
<u>Intel Xeon E5-1607 v4 @ 3.10GHz</u>	7270	667	NA	NA
<u>Intel Xeon E5-1410 @ 2.80GHz</u>	7265	668	148.31	\$48.99*
<u>Intel Xeon E3-1225 v3 @ 3.20GHz</u>	7249	669	53.31	\$135.99
<u>Intel Core i5-6500 @ 3.20GHz</u>	7248	670	45.05	\$160.89
<u>Intel Core i5-7400 @ 3.00GHz</u>	7235	671	34.82	\$207.81
<u>Intel Xeon E3-1230L v3 @ 1.80GHz</u>	7231	672	25.12	\$287.90*
<u>Intel Core i7-2960XM @ 2.70GHz</u>	7224	673	17.62	\$409.95*
<u>Intel Core i7-4712MQ @ 2.30GHz</u>	7206	674	NA	NA
<u>Intel Core i7-4700EQ @ 2.40GHz</u>	7203	675	NA	NA
<u>Intel Core i5-3570K @ 3.40GHz</u>	7187	676	51.34	\$139.99
<u>Intel Xeon E3-1220 v3 @ 3.10GHz</u>	7186	677	53.64	\$133.99
<u>Intel Core i5-4570 @ 3.20GHz</u>	7156	678	103.72	\$69.00
<u>Intel Core i5-3570 @ 3.40GHz</u>	7143	679	89.30	\$79.99
<u>Intel Core i7-4702MQ @ 2.20GHz</u>	7134	680	32.66	\$218.45*
<u>AMD Ryzen Embedded V1605B</u>	7124	681	NA	NA
<u>Intel Core i5-6402P @ 2.80GHz</u>	7105	682	37.40	\$189.99*
<u>Intel Core i7-2600S @ 2.80GHz</u>	7093	683	67.48	\$105.12
<u>Intel Core i5-4590S @ 3.00GHz</u>	7077	684	32.33	\$218.91
<u>AMD Ryzen 3 PRO 1200</u>	7075	685	NA	NA
<u>AMD Ryzen 3 PRO 2300U</u>	7063	687	NA	NA
<u>Intel Xeon E5-2420 @ 1.90GHz</u>	7063	686	18.11	\$390.02*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E5-1607 v3 @ 3.10GHz</u>	7029	688	NA	NA
<u>AMD FX-6350 Six-Core</u>	7023	689	48.44	\$144.99
<u>Intel Core i7-2920XM @ 2.50GHz</u>	6998	690	15.89	\$440.44*
<u>Intel Xeon W-2102 @ 2.90GHz</u>	6981	691	29.70	\$235.05*

 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 V2 @ 3.20GHz	6978	693	101.14	\$69.00
AMD Ryzen 3 2200GE	6976	694	NA	NA
Intel Core i5-3550 @ 3.30GHz	6966	695	22.47	\$309.99*
Intel Xeon X5687 @ 3.60GHz	6962	696	174.63	\$39.87
AMD FX-6330 Six-Core	6954	697	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6949	698	12.85	\$541.00*
Intel Xeon Platinum 8151 @ 3.40GHz	6947	699	NA	NA
AMD Ryzen 3 PRO 3300U	6941	700	NA	NA
Intel Core i5-7500T @ 2.70GHz	6939	701	31.01	\$223.75
Intel Core i7-3632QM @ 2.20GHz	6927	702	30.13	\$229.95
Intel Xeon E5-2609 v4 @ 1.70GHz	6925	703	19.25	\$359.73*
Intel Core i5-3550S @ 3.00GHz	6916	704	22.87	\$302.45*
Intel Xeon Bronze 3106 @ 1.70GHz	6890	705	19.34	\$356.27*
Intel Xeon E5649 @ 2.53GHz	6869	707	66.01	\$104.07*
Intel Xeon L5639 @ 2.13GHz	6869	706	NA	NA
Intel Core i5-4570S @ 2.90GHz	6836	708	16.68	\$409.95
Intel Core i7-3612QM @ 2.10GHz	6819	709	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6805	710	NA	NA
AMD Ryzen 3 1200	6798	711	94.16	\$72.20
AMD Opteron 6220	6785	712	113.11	\$59.99*
Intel Core i5-4570R @ 2.70GHz	6776	713	NA	NA
Intel Core i7-2840QM @ 2.40GHz	6766	714	NA	NA
AMD Opteron 4386	6761	715	48.30	\$139.99*
Intel Xeon X5677 @ 3.47GHz	6755	716	79.47	\$85.00*
Intel Core i5-6400 @ 2.70GHz	6754	717	29.52	\$228.83*
AMD Opteron 6272	6748	718	96.42	\$69.99
Intel Xeon E3-1220 V2 @ 3.10GHz	6737	719	114.29	\$58.95
Intel Core i7-4770TE @ 2.30GHz	6732	720	NA	NA
Intel Core i5-3570S @ 3.10GHz	6729	721	23.61	\$285.00*
Intel Core i5-3470 @ 3.20GHz	6728	722	115.64	\$58.18
Intel Core i5-4460 @ 3.20GHz	6725	723	32.46	\$207.21
Intel Core i5-7300HQ @ 2.50GHz	6716	724	NA	NA
Intel Core i7-3612QE @ 2.10GHz	6712	725	NA	NA
Intel Xeon E5-2648L @ 1.80GHz	6698	726	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 i5-2550K @ 3.40GHz	6672	728	35.12	\$190.00*
AMD Opteron 4284	6660	729	111.03	\$59.99*
Intel Core i7-2820QM @ 2.30GHz	6644	730	36.70	\$181.02
AMD FX-8120 Eight-Core	6641	731	29.82	\$222.73*
Intel Core i7-985 @ 3.47GHz	6641	732	NA	NA
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	733	NA	NA
Intel Core i5-3475S @ 2.90GHz	6617	734	46.12	\$143.50*
Intel Core i3-7350K @ 4.20GHz	6593	735	33.91	\$194.45
Intel Atom C3958 @ 2.00GHz	6586	736	14.67	\$449.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6500TE @ 2.30GHz	6580	737	31.34	\$209.99
Intel Core i7-2760QM @ 2.40GHz	6554	738	31.22	\$209.95*
Intel Core i5-4690T @ 2.50GHz	6547	739	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	740	NA	NA
Intel Core i5-3450 @ 3.10GHz	6535	741	29.80	\$219.33*
Intel Core i5-4440 @ 3.10GHz	6519	742	13.12	\$497.00*
Intel Core i7-6822EQ @ 2.00GHz	6501	743	NA	NA
Intel Core i5-2500K @ 3.30GHz	6488	744	14.94	\$434.26*
Intel Core i7-7567U @ 3.50GHz	6465	745	8.28	\$780.49*
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	746	NA	NA
Intel Xeon X5672 @ 3.20GHz	6461	747	143.61	\$44.99*
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	748	NA	NA
Intel Core i5-4460S @ 2.90GHz	6431	749	9.74	\$659.99*
AMD Opteron 4280	6430	750	128.60	\$50.00*
Intel Xeon E5645 @ 2.40GHz	6422	751	78.99	\$81.31*
Intel Core i3-7320 @ 4.10GHz	6417	752	35.12	\$182.72*
AMD FX-6300 Six-Core	6408	753	50.08	\$127.98
Intel Core i5-3470S @ 2.90GHz	6398	754	49.02	\$130.53
AMD Opteron 3380	6384	755	7.89	\$809.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	756	NA	NA
Intel Core i5-2500 @ 3.30GHz	6353	757	115.52	\$55.00
Intel Core i5-4430 @ 3.00GHz	6340	758	39.63	\$159.99*
Intel Core i5-7400T @ 2.40GHz	6333	759	30.85	\$205.27

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6500T @ 2.50GHz	6306	761	43.80	\$143.99
Intel Core i5-4440S @ 2.80GHz	6270	762	13.54	\$462.97*
Intel Xeon E3-1220 @ 3.10GHz	6253	763	130.28	\$48.00
Intel Xeon E3-1260L @ 2.40GHz	6240	764	111.40	\$56.02
Intel Core i5-3450S @ 2.80GHz	6233	765	42.99	\$145.01*
Intel Xeon L5640 @ 2.27GHz	6232	766	74.77	\$83.36*
Intel Core i5-6440EQ @ 2.70GHz	6223	767	NA	NA
Intel Xeon E5-1607 v2 @ 3.00GHz	6217	768	177.91	\$34.95*
AMD FX-6130 Six-Core	6215	769	NA	NA
Intel Xeon E5-1603 v3 @ 2.80GHz	6208	770	62.09	\$99.99*
Intel Xeon X5667 @ 3.07GHz	6198	771	265.70	\$23.33*
Intel Xeon W3580 @ 3.33GHz	6183	772	28.83	\$214.50*
AMD Opteron 6174	6171	773	94.94	\$65.00
Intel Core i5-3350P @ 3.10GHz	6155	774	41.04	\$149.99*
Intel Core i5-4670T @ 2.30GHz	6155	775	23.76	\$259.02*
Intel Core i5-2450P @ 3.20GHz	6149	776	68.34	\$89.99*
AMD Ryzen 3 3300U	6143	777	NA	NA
AMD FX-8140 Eight-Core	6133	778	NA	NA
AMD PRO A12-9800	6132	779	36.29	\$169.00*
AMD Ryzen 3 2300U	6118	780	NA	NA
Intel Core i7-975 @ 3.33GHz	6114	781	14.92	\$409.92*
AMD FX-6200 Six-Core	6107	782	17.97	\$339.95
Intel Core i7-2720QM @ 2.20GHz	6105	783	19.76	\$309.00*
Intel Core i5-3340 @ 3.10GHz	6102	784	20.83	\$293.01*
Intel Xeon E3-1225 @ 3.10GHz	6101	785	95.36	\$63.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4334	6099	786	28.18	\$216.42*
Intel Core i5-6300HQ @ 2.30GHz	6097	787	NA	NA
Intel Core i3-8109U @ 3.00GHz	6092	788	NA	NA
AMD Opteron 3365	6088	790	NA	NA
Intel Xeon W5590 @ 3.33GHz	6088	789	2.43	\$2,508.95*
AMD PRO A12-8870	6067	791	NA	NA
Intel Core i3-6320 @ 3.90GHz	6049	792	14.86	\$407.00

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	803	55.66	\$106.03*
Intel Core i3-10110U @ 2.10GHz	6026	794	NA	NA
Intel Core i7-7660U @ 2.50GHz	5986	795	NA	NA
Intel Core i5-2400 @ 3.10GHz	5973	796	117.53	\$50.83
Intel Core i5-4430S @ 2.70GHz	5963	797	37.27	\$159.99*
Intel Xeon E3-1265L @ 2.40GHz	5961	798	6.49	\$918.35*
Intel Core i5-3330 @ 3.00GHz	5954	799	29.77	\$200.00*
AMD Opteron 6234	5938	800	198.27	\$29.95*
Intel Core i3-1005G1 @ 1.20GHz	5929	801	21.10	\$281.00*
Intel Core i5-3570T @ 2.30GHz	5914	802	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	5901	804	23.60	\$250.00*
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	803	55.66	\$106.03*
AMD FX-8100 Eight-Core	5884	805	41.44	\$142.00*
Intel Core i7-2670QM @ 2.20GHz	5878	806	42.29	\$139.00
Intel Xeon E5-1607 @ 3.00GHz	5871	807	210.09	\$27.95*
Intel Core i5-7360U @ 2.30GHz	5855	808	NA	NA
AMD PRO A10-8850B	5852	809	NA	NA
Intel Core i7-965 @ 3.20GHz	5850	810	41.79	\$139.99*
Intel Core i5-3340S @ 2.80GHz	5846	811	38.98	\$149.99*
Intel Core i3-6300 @ 3.80GHz	5843	812	18.85	\$309.99
Intel Xeon W5580 @ 3.20GHz	5836	813	84.59	\$68.99
Intel Xeon X5647 @ 2.93GHz	5797	814	290.91	\$19.93*
Intel Core i7-960 @ 3.20GHz	5794	815	20.70	\$280.00*
Intel Core i5-3335S @ 2.70GHz	5788	816	NA	NA
AMD Opteron 6212	5776	818	192.62	\$29.99*
Intel Core i3-7100 @ 3.90GHz	5776	817	48.14	\$120.00
Intel Core i5-2320 @ 3.00GHz	5775	820	62.10	\$93.00
Intel Xeon W3565 @ 3.20GHz	5775	819	288.94	\$19.99*
Intel Core i7-7560U @ 2.40GHz	5771	821	NA	NA
Intel Core i7-2710QE @ 2.10GHz	5768	822	NA	NA
ZHAOXIN KaiXian KX-U6780A@2.7GHz	5760	823	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	824	NA	NA
AMD FX-6120 Six-Core	5754	825	NA	NA
Intel Core i5-2380P @ 3.10GHz	5743	826	31.91	\$180.00*
Intel Pentium Gold G5600F @ 3.90GHz	5736	827	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-7890K	5706	829	28.53	\$199.99*
AMD Phenom II X6 1100T	5706	830	32.15	\$177.49*
Intel Core i5-3330S @ 2.70GHz	5678	831	59.78	\$94.99*
Intel Xeon X3480 @ 3.07GHz	5658	832	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	833	NA	NA
Intel Core i5-7260U @ 2.20GHz	5638	834	9.40	\$600.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Bronze 3104 @ 1.70GHz	5632	835	22.80	\$247.00
Intel Core i5-4590T @ 2.00GHz	5628	836	26.81	\$209.95*
Intel Xeon L5638 @ 2.00GHz	5622	837	80.43	\$69.90*
Intel Core i3-4370 @ 3.80GHz	5617	838	18.18	\$309.00*
Intel Core i5-6400T @ 2.20GHz	5617	839	21.61	\$259.95*
Intel Xeon X5570 @ 2.93GHz	5615	840	23.40	\$239.95*
AMD Opteron 4332 HE	5614	841	NA	NA
AMD A10-8850	5604	842	NA	NA
AMD PRO A10-9700	5599	843	33.13	\$169.00*
AMD A12-9800	5584	844	37.67	\$148.24*
Intel Core i7-6567U @ 3.30GHz	5582	845	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5578	846	279.36	\$19.97*
AMD Athlon X4 880K	5574	847	55.75	\$99.99*
Intel Pentium Gold G5600 @ 3.90GHz	5570	848	55.48	\$100.40
Intel Xeon W3550 @ 3.07GHz	5565	849	185.59	\$29.99*
AMD Athlon PRO 300GE	5560	850	NA	NA
AMD Phenom II X6 1090T	5559	851	36.09	\$154.04*
Intel Core i7-2675QM @ 2.20GHz	5546	852	NA	NA
Intel Core i7-950 @ 3.07GHz	5539	853	138.51	\$39.99
Intel Core i5-2310 @ 2.90GHz	5537	854	29.72	\$186.33*
Intel Core i7-2630QM @ 2.00GHz	5522	855	53.71	\$102.81
Intel Core i3-8145U @ 2.10GHz	5509	856	19.61	\$281.00*
Intel Core i7-880 @ 3.07GHz	5505	857	9.44	\$583.00*
Intel Xeon E5-2603 v4 @ 1.70GHz	5504	858	21.17	\$260.00*
AMD Opteron 3280	5497	859	20.12	\$273.18*
Intel Core i3-6100 @ 3.70GHz	5483	860	42.51	\$128.99

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-7850B	5478	862	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5478	862	NA	NA
AMD A10-7870K	5476	863	24.13	\$226.99*
AMD PRO A10-8750B	5473	864	NA	NA
AMD A10-7850K APU	5468	865	32.68	\$167.33*
AMD A8-8650	5465	866	NA	NA
AMD Opteron 6176 SE	5465	867	34.37	\$159.00*
Intel Core i3-4360 @ 3.70GHz	5446	868	21.03	\$259.00*
Intel Core i7-875K @ 2.93GHz	5413	869	16.88	\$320.76*
AMD Athlon X4 860K	5410	870	40.09	\$134.95*
AMD Athlon X4 845	5408	871	101.80	\$53.13*
AMD FX-6100 Six-Core	5405	872	20.95	\$258.00*
Intel Pentium Gold G5420 @ 3.80GHz	5403	873	78.11	\$69.18
Intel Xeon W3540 @ 2.93GHz	5399	874	271.06	\$19.92*
AMD Athlon 3000G	5389	875	NA	NA
Intel Xeon X5560 @ 2.80GHz	5389	876	158.56	\$33.99*
Intel Core i3-6098P @ 3.60GHz	5387	877	40.28	\$133.74*
Intel Core i5-2500S @ 2.70GHz	5386	878	82.57	\$65.24
AMD A10 PRO-7850B APU	5380	879	NA	NA
AMD A10-9700	5379	880	63.25	\$85.05
Intel Core i3-7300T @ 3.50GHz	5369	881	29.57	\$181.59*
Intel Core i7-2715QE @ 2.10GHz	5365	882	NA	NA
Intel Core i5-2300 @ 2.80GHz	5364	883	67.06	\$79.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6164 HE	5351	884	NA	NA
AMD A8-7680	5350	885	89.19	\$59.99*
AMD FX-4350 Quad-Core	5340	886	12.42	\$430.00
Intel Core i7-870 @ 2.93GHz	5339	887	55.99	\$95.35
Intel Xeon X3470 @ 2.93GHz	5336	888	33.36	\$159.95*
Intel Core i7-940 @ 2.93GHz	5332	889	51.27	\$103.99*
AMD FX-4330	5328	890	NA	NA
AMD Phenom II X6 1075T	5325	891	47.13	\$112.99*
Intel Xeon D-1518 @ 2.20GHz	5322	892	NA	NA
AMD Athlon X4 870K	5320	893	66.52	\$79.99*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD PRO A8-8650B</u>	5223	902	<u>NA</u>	<u>NA</u>
<u>Intel Xeon X5550 @ 2.67GHz</u>	5270	895	<u>17.29</u>	<u>\$304.85*</u>
<u>AMD Opteron 6172</u>	5261	896	<u>26.57</u>	<u>\$198.00*</u>
<u>Intel Xeon E5640 @ 2.67GHz</u>	5250	897	<u>187.60</u>	<u>\$27.99*</u>
<u>Intel Core i3-6300T @ 3.30GHz</u>	5247	898	<u>33.86</u>	<u>\$154.99*</u>
<u>Intel Core i3-4340 @ 3.60GHz</u>	5245	899	<u>30.86</u>	<u>\$169.99*</u>
<u>AMD Athlon 220GE</u>	5242	900	<u>75.34</u>	<u>\$69.58</u>
<u>AMD Athlon X4 950</u>	5231	901	<u>52.34</u>	<u>\$99.95</u>
<u>AMD PRO A8-8650B</u>	5223	902	NA	NA
<u>Intel Pentium Gold G5400 @ 3.70GHz</u>	5219	903	<u>85.71</u>	<u>\$60.89</u>
<u>Intel Xeon W3530 @ 2.80GHz</u>	5217	904	<u>17.75</u>	<u>\$293.95*</u>
<u>Intel Pentium G4620 @ 3.70GHz</u>	5214	905	<u>45.88</u>	<u>\$113.66*</u>
<u>Intel Xeon E5-2418L @ 2.00GHz</u>	5202	906	NA	NA
<u>Intel Pentium Gold G5500 @ 3.80GHz</u>	5195	907	<u>30.57</u>	<u>\$169.94*</u>
<u>Intel Core i3-4170 @ 3.70GHz</u>	5189	908	<u>19.45</u>	<u>\$266.79</u>
<u>AMD PRO A12-8870E</u>	5186	909	NA	NA
<u>Intel Xeon E5-2603 v3 @ 1.60GHz</u>	5179	910	<u>77.05</u>	<u>\$67.23</u>
<u>AMD Athlon PRO 200GE</u>	5163	911	NA	NA
<u>Intel Core i3-7101TE @ 3.40GHz</u>	5160	912	<u>44.11</u>	<u>\$117.00*</u>
<u>Intel Xeon E5-2609 v2 @ 2.50GHz</u>	5160	913	<u>166.51</u>	<u>\$30.99</u>
<u>Intel Pentium Gold G5420T @ 3.20GHz</u>	5156	914	<u>80.57</u>	<u>\$64.00*</u>
<u>Intel Core i5-7300U @ 2.60GHz</u>	5155	915	<u>10.74</u>	<u>\$479.99</u>
<u>Intel Xeon X3460 @ 2.80GHz</u>	5147	916	<u>14.42</u>	<u>\$357.00*</u>
<u>Intel Core i7-930 @ 2.80GHz</u>	5131	917	<u>46.65</u>	<u>\$109.99</u>
<u>Intel Core i7-7500U @ 2.70GHz</u>	5120	918	NA	NA
<u>AMD A10-7700K APU</u>	5117	919	<u>40.79</u>	<u>\$125.47*</u>
<u>AMD Ryzen 3 PRO 2100GE</u>	5113	920	NA	NA
<u>Intel Core i7-7600U @ 2.80GHz</u>	5112	921	NA	NA
<u>AMD A12-9800E</u>	5087	923	<u>38.72</u>	<u>\$131.38</u>
<u>Intel Core i3-4330 @ 3.50GHz</u>	5087	922	<u>12.72</u>	<u>\$399.95</u>
<u>AMD A8-7670K</u>	5083	924	<u>31.56</u>	<u>\$161.10*</u>
<u>Intel Core i5-2405S @ 2.50GHz</u>	5082	925	<u>24.44</u>	<u>\$208.00*</u>
<u>Intel Pentium G4600 @ 3.60GHz</u>	5076	926	<u>21.15</u>	<u>\$239.95</u>
<u>AMD Athlon X4 840</u>	5070	927	<u>64.40</u>	<u>\$78.74*</u>

 CPU Benchmarks

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Phenom II X6 1055T</u>				
<u>Radeon R6</u>				
<u>AMD PRO A10-9700E</u>	5066	929	36.45	\$139.00*
<u>AMD A10-8750</u>	5064	930	NA	NA
<u>AMD A8-7600 APU</u>	5063	931	34.46	\$146.94*
<u>Intel Xeon E5630 @ 2.53GHz</u>	5055	932	144.43	\$35.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i5-7267U @ 3.10GHz</u>	5052	933	NA	NA
<u>Intel Core i3-4160 @ 3.60GHz</u>	5049	934	56.12	\$89.99
<u>Intel Core i3-7100T @ 3.40GHz</u>	5049	935	34.50	\$146.35
<u>AMD A10-7860K</u>	5045	936	28.83	\$175.00*
<u>AMD Phenom II X6 1405T</u>	5042	937	NA	NA
<u>AMD PRO A10-8770E</u>	5035	938	NA	NA
<u>AMD Phenom II X6 1065T</u>	5028	939	NA	NA
<u>AMD Opteron 4365 EE</u>	5025	940	NA	NA
<u>Intel Core i7-860 @ 2.80GHz</u>	5022	941	17.32	\$289.95
<u>AMD FX-870K Quad Core</u>	5021	942	NA	NA
<u>AMD PRO A8-8670E</u>	5015	944	NA	NA
<u>Intel Core i3-8130U @ 2.20GHz</u>	5015	943	17.85	\$281.00*
<u>Intel Xeon E5-4603 @ 2.00GHz</u>	5014	945	89.27	\$56.17*
<u>AMD FX-4320</u>	5011	946	NA	NA
<u>AMD A10 PRO-7800B APU</u>	4997	947	NA	NA
<u>Intel Core i5-2400S @ 2.50GHz</u>	4991	948	27.42	\$182.00*
<u>Intel Core i3-4350 @ 3.60GHz</u>	4990	949	29.36	\$169.99*
<u>Intel Core i5-4460T @ 1.90GHz</u>	4980	950	NA	NA
<u>Intel Core i7-6650U @ 2.20GHz</u>	4978	951	NA	NA
<u>AMD A10-7800 APU</u>	4974	952	48.11	\$103.39*
<u>AMD A8-9600</u>	4968	953	68.44	\$72.59
<u>AMD Phenom II X6 1055T</u>	4965	954	45.53	\$109.05*
<u>AMD Athlon 200GE</u>	4954	955	85.44	\$57.99
<u>Intel Core i7-5557U @ 3.10GHz</u>	4953	956	7.03	\$705.00*
<u>Intel Xeon W3520 @ 2.67GHz</u>	4940	957	102.92	\$48.00*
<u>Intel Core i3-4570T @ 2.90GHz</u>	4934	958	NA	NA
<u>AMD A8-7650K</u>	4932	959	48.45	\$101.80*
<u>Intel Core i5-24050S @ 2.50GHz</u>	4928	960	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 i7-4610M @ 3.00GHz	4918	962	NA	NA
Intel Core i7-920 @ 2.67GHz	4913	963	119.84	\$41.00
Intel Core i7-4600M @ 2.90GHz	4907	964	NA	NA
Intel Core i3-4150 @ 3.50GHz	4901	965	49.51	\$99.00
Intel Core i5-6267U @ 2.90GHz	4888	966	NA	NA
AMD Opteron X3421 APU	4886	967	NA	NA
Intel Pentium Gold G5400T @ 3.10GHz	4884	968	76.31	\$64.00*
Intel Core i3-4370T @ 3.30GHz	4870	969	35.29	\$138.00*
AMD FX-4170 Quad-Core	4869	970	48.70	\$99.99*
AMD Opteron 6274	4865	972	108.15	\$44.99
Intel Xeon X5492 @ 3.40GHz	4865	971	3.50	\$1,391.29*
Intel Pentium G4560 @ 3.50GHz	4862	973	42.49	\$114.43
Intel Core i5-4340M @ 2.90GHz	4861	974	NA	NA
AMD A10-6800K APU	4859	975	55.37	\$87.76*
Intel Core i3-6100T @ 3.20GHz	4858	976	35.99	\$134.99*
Intel Atom C3858 @ 2.00GHz	4852	977	14.62	\$332.00*
Intel Core i7-870S @ 2.67GHz	4849	978	NA	NA
AMD A10-6800B APU	4822	979	NA	NA
Intel Core i5-4570T @ 2.90GHz	4817	980	32.12	\$149.99*
Intel Core i7-6560U @ 2.20GHz	4815	981	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-770K Quad-Core	4811	982	NA	NA
Intel Core i3-4130 @ 3.40GHz	4804	983	53.39	\$89.99
Intel Core i3-8121U @ 2.20GHz	4802	984	NA	NA
Intel Core i7-6600U @ 2.60GHz	4801	985	NA	NA
AMD Phenom II X6 1045T	4795	986	44.39	\$108.01*
AMD FX-9830P	4783	987	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	988	NA	NA
Intel Xeon E5620 @ 2.40GHz	4770	989	80.87	\$58.99*
AMD PRO A12-9800E	4769	990	28.22	\$169.00*
Intel Core i3-7167U @ 2.80GHz	4757	991	NA	NA
AMD A8 PRO-7600B APU	4752	992	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	993	15.63	\$304.00*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 3 1200	4747	995	33.92	\$139.98
AMD A10-9700E	4747	996	80.46	\$59.00*
Intel Xeon E5540 @ 2.53GHz	4724	997	13.13	\$359.95
AMD A10-6790K APU	4718	998	49.68	\$94.99*
AMD Opteron 2435	4708	999	72.44	\$65.00
AMD Athlon X4 830	4701	1000	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	1001	NA	NA
AMD FX-4300 Quad-Core	4695	1002	29.91	\$156.97
Intel Core i5-6360U @ 2.00GHz	4686	1003	NA	NA
Intel Core i7-3540M @ 3.00GHz	4669	1004	10.86	\$429.95*
AMD Phenom II X6 1035T	4664	1005	24.68	\$189.00*
AMD Opteron X3418 APU	4659	1006	NA	NA
Intel Core i5-4310M @ 2.70GHz	4657	1007	NA	NA
AMD A10-5800K APU	4649	1008	31.00	\$149.99*
Intel Core i5-2500T @ 2.30GHz	4647	1009	51.64	\$89.99*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	1010	2.57	\$1,805.95*
Intel Core i3-4360T @ 3.20GHz	4636	1011	NA	NA
AMD Embedded R-Series RX-421BD	4635	1012	NA	NA
AMD Athlon 300U	4634	1013	NA	NA
AMD Opteron 6136	4631	1014	42.10	\$110.00*
AMD FX-7600P APU	4627	1015	NA	NA
Intel Core i3-7100H @ 3.00GHz	4627	1016	20.57	\$225.00*
AMD Ryzen 3 3200U	4618	1017	NA	NA
AMD A8-6500B APU	4616	1019	NA	NA
Intel Xeon E5-2609 @ 2.40GHz	4616	1018	165.13	\$27.96
AMD A10-5800B APU	4614	1020	NA	NA
AMD FX-B4150 Quad-Core	4611	1021	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4608	1022	2.86	\$1,608.95*
AMD A10-6700 APU	4606	1023	39.38	\$116.99*
Intel Xeon X3380 @ 3.16GHz	4600	1024	9.02	\$509.95*
AMD Athlon X4 760K Quad Core	4596	1025	109.49	\$41.98*
AMD FX-4150 Quad-Core	4594	1026	NA	NA
AMD A8-6600K APU	4593	1027	47.36	\$96.99*
AMD Ryzen 3 2200U	4588	1028	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 Embedded R1600</u>				
<u>Intel Xeon X5470 @ 3.33GHz</u>	4577	1030	24.22	\$189.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i5-7200U @ 2.50GHz</u>	4562	1031	16.24	\$281.00*
<u>Intel Core 860 @ 2.80GHz</u>	4555	1032	28.65	\$159.00*
<u>AMD Athlon X4 750 Quad Core</u>	4551	1033	NA	NA
<u>Intel Core i5-4330M @ 2.80GHz</u>	4551	1034	16.55	\$274.99*
<u>AMD FX-670K Quad-Core</u>	4550	1035	NA	NA
<u>Intel Core i5-4400E @ 2.70GHz</u>	4548	1036	17.10	\$266.00*
<u>Intel Core i7-3520M @ 2.90GHz</u>	4546	1037	34.44	\$132.02
<u>AMD FirePro A320 APU</u>	4540	1038	NA	NA
<u>Intel Core i5-4210H @ 2.90GHz</u>	4532	1039	NA	NA
<u>Intel Xeon X5482 @ 3.20GHz</u>	4528	1040	45.29	\$99.99*
<u>AMD Opteron 2431</u>	4516	1041	112.91	\$40.00*
<u>Intel Xeon X3440 @ 2.53GHz</u>	4509	1042	31.77	\$141.96*
<u>Intel Xeon E5-2637 @ 3.00GHz</u>	4508	1043	5.09	\$885.00*
<u>AMD Opteron 6128</u>	4505	1044	237.24	\$18.99
<u>Intel Core2 Extreme X9750 @ 3.16GHz</u>	4504	1045	NA	NA
<u>Intel Xeon E5530 @ 2.40GHz</u>	4494	1046	345.72	\$13.00*
<u>Intel Core i5-3470T @ 2.90GHz</u>	4490	1047	14.54	\$308.95
<u>Intel Core i3-4170T @ 3.20GHz</u>	4489	1048	21.38	\$209.95*
<u>AMD Phenom II X4 980</u>	4488	1049	19.52	\$229.99*
<u>Intel Core i3-4330T @ 3.00GHz</u>	4485	1050	NA	NA
<u>AMD A10-9630P</u>	4474	1051	NA	NA
<u>Intel Core i7-6498DU @ 2.50GHz</u>	4470	1052	NA	NA
<u>Intel Core i3-3245 @ 3.40GHz</u>	4467	1053	25.97	\$172.01
<u>Intel Core i3-4160T @ 3.10GHz</u>	4465	1054	29.77	\$149.99*
<u>Intel Core i5-4200H @ 2.80GHz</u>	4461	1055	NA	NA
<u>Intel Core i3-3250 @ 3.50GHz</u>	4459	1056	63.70	\$70.00
<u>AMD Phenom II X4 975</u>	4450	1057	31.86	\$139.69*
<u>Intel Core i5-4300M @ 2.60GHz</u>	4449	1058	NA	NA
<u>AMD Ryzen Embedded V1202B</u>	4447	1059	NA	NA
<u>Intel Core i5-3380M @ 2.90GHz</u>	4444	1060	NA	NA
<u>Intel Core i5-3360M @ 2.80GHz</u>	4437	1061	47.82	\$92.81*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	1062	NA	NA
AMD Opteron 4184	4418	1064	8.50	\$519.95*
AMD A12-9730P	4417	1065	NA	NA
Intel Core i5-5257U @ 2.70GHz	4410	1066	NA	NA
Intel Core i7-4558U @ 2.80GHz	4401	1067	NA	NA
AMD A8-6500 APU	4393	1068	46.26	\$94.99*
Intel Xeon L5530 @ 2.40GHz	4389	1069	227.93	\$19.26*
AMD PRO A10-9700B	4380	1070	NA	NA
Intel Xeon E5520 @ 2.27GHz	4377	1071	90.24	\$48.51
Intel Core i5-4278U @ 2.60GHz	4371	1072	NA	NA
Intel Core i5-6300U @ 2.40GHz	4365	1073	NA	NA
AMD RX-427BB	4364	1074	NA	NA
Intel Core i5-6260U @ 1.80GHz	4361	1075	11.95	\$364.98
Intel Core i3-3225 @ 3.30GHz	4346	1076	13.37	\$324.99
Intel Pentium Gold G5500T @ 3.20GHz	4346	1077	57.95	\$75.00*
AMD A8-5600K APU	4341	1078	18.94	\$229.30
Intel Core i5-8200Y @ 1.30GHz	4339	1079	14.91	\$291.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5630 @ 2.13GHz	4338	1080	206.69	\$20.99*
Intel Core i7-4560U @ 1.60GHz	4329	1081	NA	NA
Intel Core i7-5600U @ 2.60GHz	4329	1082	NA	NA
Intel Core i3-2140 @ 3.50GHz	4325	1083	NA	NA
Intel Xeon L5520 @ 2.27GHz	4324	1084	337.35	\$12.82*
Intel Xeon X5460 @ 3.16GHz	4323	1085	43.33	\$99.78*
Intel Core i3-3240 @ 3.40GHz	4318	1086	86.37	\$50.00
Intel Core i3-6100TE @ 2.70GHz	4315	1087	NA	NA
AMD Phenom II X4 970	4313	1088	29.12	\$148.11*
Intel Core i5-4288U @ 2.60GHz	4303	1089	NA	NA
Intel Core i3-4350T @ 3.10GHz	4302	1090	NA	NA
Intel Xeon X3370 @ 3.00GHz	4293	1091	11.70	\$367.02*
AMD Athlon X4 750K Quad Core	4273	1092	55.50	\$76.99*
Intel Xeon X5698 @ 4.40GHz	4272	1093	NA	NA
AMD FX-4200 Quad-Core	4270	1094	18.71	\$228.21*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3612QE @ 2.93GHz	4260	1095	51.99	\$119.99
AMD Phenom II X4 B70	4261	1096	NA	NA
AMD PRO A12-8830B	4259	1097	NA	NA
Intel Core i5-3340M @ 2.70GHz	4252	1098	53.19	\$79.95*
Intel Core i3-3220 @ 3.30GHz	4247	1099	77.24	\$54.99
Intel Core i7-5650U @ 2.20GHz	4242	1100	NA	NA
Intel Core i3-4150T @ 3.00GHz	4227	1101	18.39	\$229.95*
Intel Core i5-8210Y @ 1.60GHz	4227	1102	NA	NA
Intel Core i5-2390T @ 2.70GHz	4223	1103	42.27	\$99.90*
Intel Core i5-4308U @ 2.80GHz	4219	1104	NA	NA
AMD A10-5700 APU	4214	1105	65.35	\$64.50*
Intel Core i5-4210M @ 2.60GHz	4209	1106	13.58	\$309.95*
AMD FX-8800P	4196	1107	NA	NA
Intel Core i3-6100H @ 2.70GHz	4188	1108	NA	NA
Intel Xeon E5-2407 @ 2.20GHz	4188	1109	49.32	\$84.92*
AMD Opteron 3350 HE	4186	1110	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1111	38.05	\$109.98*
Intel Xeon E5450 @ 3.00GHz	4179	1112	13.98	\$298.94*
AMD Phenom II X4 965	4177	1113	49.73	\$84.01*
AMD Phenom II X4 B65	4172	1114	NA	NA
AMD FX-4130 Quad-Core	4162	1115	54.78	\$75.99*
Intel Core2 Extreme X9650 @ 3.00GHz	4157	1116	4.83	\$859.99*
Intel Core2 Quad Q9650 @ 3.00GHz	4153	1117	38.07	\$109.11
Intel Core i3-4130T @ 2.90GHz	4152	1118	46.67	\$88.99*
Intel Core i5-6198DU @ 2.30GHz	4149	1119	NA	NA
Intel Core i5-3320M @ 2.60GHz	4132	1120	59.20	\$69.81*
AMD Phenom II X4 B99	4126	1121	NA	NA
AMD Athlon II X4 559	4125	1122	NA	NA
Intel Core i7-3687U @ 2.10GHz	4123	1123	NA	NA
AMD PRO A12-8800B	4111	1124	NA	NA
Intel Xeon X5450 @ 3.00GHz	4106	1125	68.48	\$59.96*
Intel Core i7-4600U @ 2.10GHz	4101	1126	NA	NA
AMD PRO A12-9800B	4095	1127	NA	NA
Intel Core i5-4258U @ 2.40GHz	4094	1128	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Mark (higher is better)	(lower is better)	(higher is better)	(USD)
Intel Xeon E5472 @ 3.00GHz	4085	1129	136.02	\$30.04*
AMD FX-4100 Quad-Core	4077	1130	26.57	\$153.45*
Intel Core i3-2130 @ 3.40GHz	4072	1131	66.77	\$60.99
Intel Core i3-7130U @ 2.70GHz	4062	1132	8.83	\$459.99*
AMD FX-7600P	4050	1133	NA	NA
AMD A8-5500B APU	4045	1134	NA	NA
Intel Core i3-3210 @ 3.20GHz	4044	1135	20.33	\$199.00*
Intel Core i5-4200M @ 2.50GHz	4038	1136	49.79	\$81.12*
AMD Phenom II X4 B60	4032	1137	NA	NA
AMD Athlon X4 740 Quad Core	4031	1138	14.55	\$277.00*
Intel Core i3-2125 @ 3.30GHz	4015	1139	19.40	\$207.00*
Intel Core i5-6200U @ 2.30GHz	4010	1140	NA	NA
Intel Xeon X5472 @ 3.00GHz	4001	1141	17.78	\$225.00*
AMD A8-5500 APU	3998	1142	70.78	\$56.50*
AMD A12-9720P	3991	1143	NA	NA
Intel Pentium G4560T @ 2.90GHz	3990	1144	36.28	\$109.99*
Intel Xeon X3363 @ 2.83GHz	3982	1145	116.82	\$34.09*
Intel Core i7-5500U @ 2.40GHz	3981	1146	NA	NA
Intel Core i7-3667U @ 2.00GHz	3975	1147	NA	NA
Intel Core i7-3555LE @ 2.50GHz	3966	1148	NA	NA
AMD PRO A8-9600B	3964	1149	NA	NA
Intel Core2 Quad Q9550 @ 2.83GHz	3962	1150	89.06	\$44.49*
AMD FX-9800P	3956	1151	NA	NA
Intel Xeon E5440 @ 2.83GHz	3956	1152	39.96	\$99.00*
AMD PRO A10-8730B	3953	1153	NA	NA
Intel Core i7-4650U @ 1.70GHz	3950	1154	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	1156	NA	NA
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1155	NA	NA
AMD Phenom Ultra X4 24500	3945	1157	NA	NA
Intel Core i5-3230M @ 2.60GHz	3945	1158	18.15	\$217.42*
Intel Core i7-8500Y @ 1.50GHz	3945	1159	10.04	\$393.00*
Intel Xeon L3426 @ 1.87GHz	3943	1160	8.82	\$447.01*
Intel Core i5-760 @ 2.80GHz	3934	1161	18.83	\$209.00*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3610ME @ 2.70GHz	3929	1163	NA	NA
Intel Xeon X3360 @ 2.83GHz	3925	1164	24.85	\$157.95*
Intel Core i7-2640M @ 2.80GHz	3924	1165	32.76	\$119.81
Intel Core i7-940XM @ 2.13GHz	3921	1166	NA	NA
AMD Phenom II X4 955	3916	1167	30.09	\$130.16*
Intel Core i7-4510U @ 2.00GHz	3916	1168	NA	NA
Intel Xeon E5462 @ 2.80GHz	3872	1169	141.84	\$27.30*
AMD Phenom II X4 B97	3868	1170	67.87	\$56.99*
Intel Pentium G3258 @ 3.20GHz	3865	1171	55.24	\$69.98
Intel Core i3-21050 @ 3.10GHz	3862	1172	NA	NA
Intel Core i3-4110M @ 2.60GHz	3854	1173	NA	NA
AMD Phenom II X4 B55	3853	1174	NA	NA
Intel Xeon X3353 @ 2.66GHz	3853	1175	52.43	\$73.50*
Intel Core i7-5550U @ 2.00GHz	3851	1176	NA	NA
Intel Core i5-5300U @ 2.30GHz	3842	1177	7.07	\$543.39*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2620M @ 2.70GHz	3842	1178	22.63	\$169.81*
Intel Xeon L7455 @ 2.13GHz	3836	1179	NA	NA
Intel Core i3-6157U @ 2.40GHz	3831	1180	NA	NA
AMD Athlon II X4 555	3830	1181	NA	NA
Intel Core i5-3210M @ 2.50GHz	3828	1182	56.10	\$68.24*
Intel Core i5-4570TE @ 2.70GHz	3827	1183	19.14	\$199.99*
Intel Xeon X3350 @ 2.66GHz	3820	1184	63.69	\$59.99*
AMD Athlon II X4 553	3814	1185	NA	NA
AMD Opteron 8439 SE	3813	1186	63.56	\$60.00*
Intel Pentium D1508 @ 2.20GHz	3813	1187	29.56	\$129.00*
Intel Core i7-3537U @ 2.00GHz	3809	1188	NA	NA
Intel Pentium G4500 @ 3.50GHz	3792	1189	38.15	\$99.39
Intel Core i7-4500U @ 1.80GHz	3785	1190	NA	NA
Intel Core i5-4310U @ 2.00GHz	3782	1191	NA	NA
Intel Core i5-2540M @ 2.60GHz	3781	1192	42.03	\$89.97
AMD Phenom II X4 960T	3772	1193	8.04	\$469.00
Intel Core i3-6100E @ 2.70GHz	3769	1194	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9600P	3766	1196	NA	NA
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1197	39.48	\$95.40
Intel Xeon L3360 @ 2.83GHz	3764	1198	42.18	\$89.23*
Intel Core i3-7100U @ 2.40GHz	3760	1199	10.45	\$359.99
AMD Phenom II X4 973	3759	1200	NA	NA
Intel Core2 Quad Q9450 @ 2.66GHz	3757	1201	105.24	\$35.70*
Intel Core i5-2560M @ 2.70GHz	3752	1202	NA	NA
Intel Xeon E5430 @ 2.66GHz	3751	1203	33.80	\$110.99*
AMD Phenom II X4 977	3750	1204	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1205	NA	NA
Intel Core i5-4300U @ 1.90GHz	3740	1206	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3738	1207	NA	NA
Intel Core i3-2102 @ 3.10GHz	3736	1208	64.41	\$58.00*
Intel Core i7-920XM @ 2.00GHz	3727	1209	9.32	\$399.95*
Intel Core i5-750 @ 2.67GHz	3719	1210	92.55	\$40.19*
Intel Xeon L5506 @ 2.13GHz	3715	1211	16.59	\$224.00*
Intel Pentium G3470 @ 3.60GHz	3714	1212	35.62	\$104.29*
AMD A12-9700P	3712	1214	NA	NA
Intel Core i3-2105 @ 3.10GHz	3712	1215	32.29	\$114.99*
Intel Xeon L5430 @ 2.66GHz	3712	1213	23.51	\$157.95*
Intel Core m3-8100Y @ 1.10GHz	3709	1216	13.20	\$281.00*
AMD A10-6700T APU	3705	1217	25.10	\$147.61*
AMD Phenom II X4 B50	3696	1218	NA	NA
Intel Core i3-3220T @ 2.80GHz	3695	1219	27.37	\$135.00
Intel Pentium G3450 @ 3.40GHz	3695	1220	36.96	\$99.99*
Intel Core i3-2100 @ 3.10GHz	3692	1221	76.55	\$48.24
AMD A10-9620P	3679	1222	NA	NA
AMD Phenom II X4 B95	3676	1223	50.40	\$72.95*
Intel Core i5-7Y57 @ 1.20GHz	3676	1224	NA	NA
Intel Core i7-4550U @ 1.50GHz	3676	1225	NA	NA
Intel Core i3-5157U @ 2.50GHz	3670	1226	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3240T @ 2.90GHz	3666	1227	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2384	3538	1253	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1254	NA	NA
AMD A8-3870K APU	3537	1255	23.63	\$149.67*
AMD PRO A10-8700B	3530	1256	NA	NA
Intel Xeon X5365 @ 3.00GHz	3524	1257	45.19	\$77.99*
Intel Xeon E5-2403 @ 1.80GHz	3523	1258	73.80	\$47.75*
Intel Core i3-7020U @ 2.30GHz	3521	1260	12.53	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3521	1259	NA	NA
Intel Core2 Quad Q9500 @ 2.83GHz	3521	1261	100.63	\$34.99*
Intel Core i5-5350U @ 1.80GHz	3520	1263	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1229	3.25	\$1,125.00*
AMD Phenom II X4 945	3652	1230	56.23	\$64.95*
Intel Core i5-3437U @ 1.90GHz	3628	1231	NA	NA
Intel Core2 Extreme Q6850 @ 3.00GHz	3622	1232	2.42	\$1,495.95*
AMD Phenom FX-7750 Quad-Core	3616	1233	NA	NA
Intel Core i3-3250T @ 3.00GHz	3614	1234	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1235	NA	NA
AMD A10-7400P	3606	1237	NA	NA
Intel Xeon E3-1220L @ 2.20GHz	3606	1236	NA	NA
Intel Core i3-6100U @ 2.30GHz	3603	1238	7.00	\$515.00*
AMD Phenom II X4 840T	3596	1239	51.39	\$69.99*
Intel Core i5-2520M @ 2.50GHz	3593	1241	21.19	\$169.60*
Intel Core i5-5250U @ 1.60GHz	3593	1240	8.13	\$441.89*
Intel Xeon E5-2603 @ 1.80GHz	3591	1242	75.05	\$47.85*
Intel Xeon E5-2403 v2 @ 1.80GHz	3590	1243	161.73	\$22.20*
AMD Phenom II X4 940	3589	1244	60.49	\$59.34*
Intel Pentium G3460 @ 3.50GHz	3584	1245	12.44	\$288.20*
Intel Core i5-4260U @ 1.40GHz	3580	1246	NA	NA
AMD Athlon II X4 651 Quad-Core	3575	1247	20.08	\$178.04*
Intel Core i5-3427U @ 1.80GHz	3549	1248	8.45	\$420.05*
AMD Phenom II X4 850	3547	1249	54.59	\$64.99*
Intel Core i5-7Y54 @ 1.20GHz	3547	1250	NA	NA
Intel Core i7-3517U @ 1.90GHz	3540	1251	NA	NA
Intel Pentium G4400 @ 3.30GHz	3539	1252	44.52	\$79.50
AMD Opteron 2384	3538	1253	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1254	NA	NA
AMD A8-3870K APU	3537	1255	23.63	\$149.67*
AMD PRO A10-8700B	3530	1256	NA	NA
Intel Xeon X5365 @ 3.00GHz	3524	1257	45.19	\$77.99*
Intel Xeon E5-2403 @ 1.80GHz	3523	1258	73.80	\$47.75*
Intel Core i3-7020U @ 2.30GHz	3521	1260	12.53	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3521	1259	NA	NA
Intel Core2 Quad Q9500 @ 2.83GHz	3521	1261	100.63	\$34.99*
Intel Core i5-5350U @ 1.80GHz	3520	1263	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 m7-6Y75 @ 1.20GHz	3468	1276	NA	NA
AMD PRO A8-8600B	3518	1264	NA	NA
Intel Core i5-680 @ 3.60GHz	3513	1265	39.04	\$89.99*
AMD Phenom II X4 840	3508	1266	39.00	\$89.95*
Intel Celeron G4930 @ 3.20GHz	3503	1267	56.56	\$61.95
Intel Xeon L5420 @ 2.50GHz	3501	1268	127.32	\$27.50*
Intel Core i5-5200U @ 2.20GHz	3497	1269	12.45	\$281.00*
AMD Phenom II 42 TWKR Black Edition	3489	1270	NA	NA
Intel Core i5-2510E @ 2.50GHz	3483	1271	NA	NA
AMD Athlon II X4 650	3482	1272	20.90	\$166.60*
Intel Xeon E5420 @ 2.50GHz	3481	1273	55.31	\$62.95*
Intel Pentium G4500T @ 3.00GHz	3471	1274	NA	NA
AMD Phenom II X4 B45	3470	1275	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core m7-6Y75 @ 1.20GHz	3468	1276	NA	NA
AMD Athlon II X4 645	3466	1277	43.35	\$79.95
AMD A8-3850 APU	3458	1278	32.72	\$105.68*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1279	NA	NA
Quad-Core AMD Opteron 1389	3446	1280	NA	NA
Quad-Core AMD Opteron 1385	3442	1281	63.75	\$54.00*
AMD A10-8700P	3440	1282	NA	NA
AMD Phenom II X4 830	3434	1283	42.95	\$79.95*
Intel Core i3-4100M @ 2.50GHz	3432	1284	15.71	\$218.57*
Intel Core2 Extreme Q9200 @ 2.40GHz	3415	1285	NA	NA
Intel Core i7-840QM @ 1.87GHz	3412	1286	11.77	\$289.97
AMD Phenom II X4 925	3411	1287	77.56	\$43.99*
Intel Core i5-4210U @ 1.70GHz	3403	1288	NA	NA
Intel Core i5-2450M @ 2.50GHz	3401	1289	46.40	\$73.30*
Intel Xeon X3230 @ 2.66GHz	3397	1290	47.51	\$71.50*
Intel Pentium G3420 @ 3.20GHz	3395	1291	54.29	\$62.55
Intel Pentium G3430 @ 3.30GHz	3395	1292	37.74	\$89.99*
AMD Phenom II X4 820	3393	1293	45.28	\$74.95*
AMD Phenom II X4 920	3389	1294	42.38	\$79.99*
Intel Core i3-3130M @ 2.60GHz	3389	1295	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i5-655K @ 3.20GHz</u>	3386	1297	<u>56.45</u>	<u>\$59.99*</u>
<u>Intel Pentium G2140 @ 3.30GHz</u>	3377	1298	<u>41.41</u>	<u>\$81.56</u>
<u>Intel Core i5-4250U @ 1.30GHz</u>	3373	1299	<u>9.40</u>	<u>\$359.00*</u>
<u>Intel Xeon E5607 @ 2.27GHz</u>	3371	1300	<u>48.71</u>	<u>\$69.21*</u>
<u>Intel Xeon L5410 @ 2.33GHz</u>	3358	1301	<u>33.56</u>	<u>\$100.08*</u>
<u>Intel Pentium G3260 @ 3.30GHz</u>	3356	1302	<u>23.98</u>	<u>\$139.99*</u>
<u>AMD Phenom II X4 B40</u>	3352	1303	NA	NA
<u>Intel Core m5-6Y54 @ 1.10GHz</u>	3349	1304	NA	NA
<u>AMD Phenom II X4 B93</u>	3345	1305	NA	NA
<u>Intel Atom C2750 @ 2.41GHz</u>	3344	1306	NA	NA
<u>Intel Xeon X3430 @ 2.40GHz</u>	3344	1307	<u>104.54</u>	<u>\$31.99*</u>
<u>AMD Athlon II X4 641 Quad-Core</u>	3343	1308	<u>36.54</u>	<u>\$91.50*</u>
<u>AMD A10-5750M APU</u>	3340	1310	NA	NA
<u>Intel Xeon X3330 @ 2.66GHz</u>	3340	1309	<u>15.91</u>	<u>\$210.00*</u>
<u>AMD A8-7200P</u>	3338	1311	NA	NA
<u>Intel Core2 Quad Q9400 @ 2.66GHz</u>	3337	1312	<u>69.48</u>	<u>\$48.03*</u>
<u>Intel Pentium G3440 @ 3.30GHz</u>	3319	1313	<u>20.75</u>	<u>\$159.94*</u>
<u>Intel Core m3-7Y32 @ 1.10GHz</u>	3318	1314	NA	NA
<u>AMD Athlon II X4 640</u>	3315	1315	<u>41.46</u>	<u>\$79.95</u>
<u>Intel Core i5-2515E @ 2.50GHz</u>	3313	1316	NA	NA
<u>Intel Core i5-670 @ 3.47GHz</u>	3309	1317	<u>11.86</u>	<u>\$279.00*</u>
<u>Intel Xeon X3320 @ 2.50GHz</u>	3306	1318	<u>14.41</u>	<u>\$229.50*</u>
<u>Intel Core i5-2415M @ 2.30GHz</u>	3303	1319	NA	NA
<u>AMD Phenom II X4 B25</u>	3297	1320	NA	NA
<u>Intel Celeron G4900 @ 3.10GHz</u>	3293	1321	<u>57.27</u>	<u>\$57.50</u>
<u>Intel Core i5-2430M @ 2.40GHz</u>	3286	1322	<u>36.92</u>	<u>\$89.02*</u>
<u>Intel Core i5-4200U @ 1.60GHz</u>	3281	1323	NA	NA
<u>Intel Core2 Quad Q6700 @ 2.66GHz</u>	3278	1324	<u>72.87</u>	<u>\$44.99*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD A8-6500T APU</u>	3276	1325	NA	NA
<u>Intel Core i3-7102E @ 2.10GHz</u>	3266	1326	<u>14.52</u>	<u>\$225.00*</u>
<u>AMD Opteron 3260 HE</u>	3259	1328	NA	NA
<u>Intel Xeon E5410 @ 2.33GHz</u>	3259	1327	<u>15.60</u>	<u>\$208.95*</u>

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 910e	3254	1330	20.73	\$156.99*
AMD A8-8600P	3248	1331	NA	NA
AMD Phenom II X4 910	3247	1332	32.48	\$100.00*
Intel Core i5-660 @ 3.33GHz	3246	1333	9.02	\$359.95*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1334	8.40	\$385.89*
Intel Pentium G3250 @ 3.20GHz	3241	1335	13.92	\$232.84*
Intel Core i5-2435M @ 2.40GHz	3232	1336	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3232	1337	NA	NA
AMD Athlon II X4 635	3231	1338	46.20	\$69.95
Intel Core i7-2655LE @ 2.20GHz	3229	1339	NA	NA
Intel Core i5-3337U @ 1.80GHz	3228	1340	14.35	\$225.00*
Intel Core i3-3120M @ 2.50GHz	3225	1341	29.32	\$110.00*
Intel Celeron G4920 @ 3.20GHz	3220	1343	42.10	\$76.50*
Intel Core i7-3689Y @ 1.50GHz	3220	1342	NA	NA
Intel Core i7-820QM @ 1.73GHz	3220	1344	13.42	\$239.95*
AMD FX-7500 APU	3203	1345	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1346	NA	NA
Intel Pentium G2130 @ 3.20GHz	3200	1347	64.01	\$49.99*
AMD Athlon II X4 638 Quad-Core	3198	1349	120.73	\$26.49*
Intel Core i3-5020U @ 2.20GHz	3198	1348	6.97	\$459.00*
Intel Core i3-6102E @ 1.90GHz	3196	1350	14.20	\$225.00*
Intel Core i5-661 @ 3.33GHz	3194	1351	13.89	\$229.99*
Intel Core i7-740QM @ 1.73GHz	3191	1352	19.95	\$159.95*
Intel Pentium 4417U @ 2.30GHz	3185	1353	19.79	\$161.00*
AMD Opteron 2378	3179	1354	17.76	\$179.00*
Intel Xeon X3323 @ 2.50GHz	3178	1355	164.16	\$19.36*
Intel Pentium 5405U @ 2.30GHz	3177	1356	19.73	\$161.00*
AMD Athlon X4 640	3172	1358	NA	NA
Intel Core i5-2410M @ 2.30GHz	3172	1357	44.07	\$72.00*
Intel Xeon X5355 @ 2.66GHz	3170	1359	10.23	\$309.95*
AMD Opteron 4162 EE	3166	1360	NA	NA
AMD A6-3670 APU	3164	1361	5.19	\$610.00*
Intel Pentium G4400T @ 2.90GHz	3163	1362	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1364	14.72	\$214.86*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2120T @ 2.60GHz	3155	1366	126.28	\$24.99
AMD Phenom 9850B Quad-Core	3160	1365	NA	NA
Intel Pentium G3240 @ 3.10GHz	3153	1367	63.08	\$49.99
AMD A10 PRO-7350B APU	3152	1369	NA	NA
Intel Core2 Quad Q9300 @ 2.50GHz	3152	1368	15.80	\$199.50*
Intel Core i7-3517UE @ 1.70GHz	3150	1370	NA	NA
Intel Pentium 4415U @ 2.30GHz	3150	1371	NA	NA
AMD Athlon II X4 631 Quad-Core	3145	1372	39.32	\$80.00*
AMD A6-3650 APU	3140	1373	98.17	\$31.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3900 @ 2.80GHz	3131	1374	56.94	\$54.99
AMD Athlon II X4 630	3130	1375	49.73	\$62.95
Intel Celeron G3920 @ 2.90GHz	3129	1376	27.45	\$113.99*
Intel Pentium G3220 @ 3.00GHz	3125	1378	31.85	\$98.14
Intel Xeon E5507 @ 2.27GHz	3125	1377	6.84	\$456.91*
AMD Phenom II X4 810	3120	1379	26.90	\$115.99*
Intel Xeon E7- 2830 @ 2.13GHz	3118	1380	1.75	\$1,779.00*
AMD R-464L APU	3117	1381	NA	NA
AMD A6-7480	3116	1382	70.86	\$43.99*
AMD A10-4600M APU	3115	1383	28.34	\$109.95
AMD A8-3820 APU	3106	1384	24.86	\$124.99*
Intel Pentium G3440T @ 2.80GHz	3101	1385	NA	NA
Intel Celeron G4900T @ 2.90GHz	3096	1386	73.72	\$42.00*
Intel Core i5-650 @ 3.20GHz	3095	1387	86.02	\$35.99
Intel Core i5-3317U @ 1.70GHz	3092	1388	13.74	\$225.00*
AMD PRO A6-8570	3088	1390	NA	NA
Intel Xeon X3220 @ 2.40GHz	3088	1389	51.35	\$60.15*
AMD A10-5757M APU	3084	1391	NA	NA
Intel Core i3-3110M @ 2.40GHz	3081	1392	38.55	\$79.95*
AMD Phenom II X4 905e	3080	1393	57.06	\$53.99*
Intel Pentium G2120 @ 3.10GHz	3079	1394	19.30	\$159.55*
Intel Core i3-6006U @ 2.00GHz	3078	1395	NA	NA
Intel Core i3-2330E @ 2.20GHz	3073	1396	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 B77	3067	1398	137.64	\$22.29*
AMD Opteron 1381	3065	1399	NA	NA
AMD Opteron X2170 APU	3059	1400	NA	NA
Intel Core i3-5010U @ 2.10GHz	3058	1401	9.06	\$337.76*
AMD A6-9500	3054	1402	56.26	\$54.29
Intel Xeon E5606 @ 2.13GHz	3054	1403	18.29	\$167.00*
Intel Core i3-4120U @ 2.00GHz	3050	1404	NA	NA
Intel Celeron G3950 @ 3.00GHz	3049	1405	27.97	\$109.04
Intel Celeron G3930 @ 2.90GHz	3042	1406	33.96	\$89.59
AMD A6-8550	3032	1407	NA	NA
Intel Core m3-6Y30 @ 0.90GHz	3025	1408	10.77	\$281.00*
Intel Pentium 1403 v2 @ 2.60GHz	3018	1409	NA	NA
Intel Xeon L5408 @ 2.13GHz	3014	1410	NA	NA
AMD A8-3800 APU	3010	1411	52.82	\$56.99*
AMD Phenom 9950 Quad-Core	3009	1412	22.29	\$134.99*
Intel Core i7-720QM @ 1.60GHz	3008	1414	8.22	\$365.95*
Intel Pentium G3420T @ 2.70GHz	3008	1413	18.80	\$159.99*
AMD Phenom 2 X4 12000	3005	1415	NA	NA
AMD A8-5550M APU	3003	1416	NA	NA
AMD Athlon II X4 655	2998	1418	NA	NA
AMD Phenom II X4 805	2998	1417	17.23	\$173.99*
AMD Phenom 7950 Quad-Core	2991	1420	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2991	1419	10.65	\$281.00*
AMD Phenom II X3 740	2985	1421	33.55	\$88.99*
Intel Core i3-2100T @ 2.50GHz	2980	1422	49.68	\$59.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q8300 @ 2.50GHz	2979	1423	59.61	\$49.99*
Intel Xeon X6550 @ 2.00GHz	2977	1424	NA	NA
Intel Core i3-5015U @ 2.10GHz	2976	1425	NA	NA
Intel Xeon E5506 @ 2.13GHz	2975	1426	47.22	\$63.01*
Intel Core i5-4302Y @ 1.60GHz	2971	1427	NA	NA
AMD PRO A6-8550B	2970	1428	NA	NA
Intel Celeron G3930TE @ 2.70GHz	2970	1429	70.72	\$42.00*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3450T @ 2.90GHz	2967	1431	NA	NA
AMD A8-5557M APU	2956	1432	NA	NA
AMD Opteron 2374 HE	2951	1433	45.40	\$65.00
AMD PRO A6-9500	2950	1434	39.88	\$74.00*
AMD Phenom FX-5200 Quad-Core	2948	1435	NA	NA
Intel Core2 Quad Q6600 @ 2.40GHz	2946	1436	73.71	\$39.98*
AMD Opteron 3250 HE	2942	1437	29.73	\$99.00*
AMD Opteron 4122	2942	1438	23.55	\$124.99*
AMD Opteron 6134	2938	1439	66.81	\$43.99*
Intel Core i3-560 @ 3.33GHz	2935	1440	16.31	\$179.95
Intel Core i5-3439Y @ 1.50GHz	2930	1442	NA	NA
Intel Pentium G3260T @ 2.90GHz	2930	1441	32.56	\$89.99*
Intel Pentium 4405U @ 2.10GHz	2929	1443	NA	NA
AMD Athlon II X4 620	2928	1444	48.86	\$59.95
Intel Celeron G3900T @ 2.60GHz	2925	1446	26.01	\$112.46*
Six-Core AMD Opteron 2419 EE	2925	1445	NA	NA
AMD Athlon 5370 APU	2915	1447	45.77	\$63.70*
Intel Core i3-4158U @ 2.00GHz	2914	1448	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2912	1449	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1450	36.38	\$79.99*
AMD A10-4657M APU	2906	1451	NA	NA
AMD Athlon II X4 620e	2906	1452	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2905	1453	14.42	\$201.49
AMD A10-7300 APU	2904	1454	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1457	NA	NA
Intel Core i3-5005U @ 2.00GHz	2902	1455	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1456	NA	NA
Intel Core i7-2637M @ 1.70GHz	2900	1458	NA	NA
AMD Athlon II X4 615e	2899	1459	49.15	\$59.00*
AMD Phenom II X3 B75	2897	1460	72.45	\$39.99*
AMD Phenom X4 Quad-Core GP-9730	2897	1461	NA	NA
AMD Athlon X4 635	2891	1462	23.71	\$121.99*
AMD A6-9500E	2889	1463	39.85	\$72.50*
AMD Phenom 9850 Quad-Core	2887	1464	24.07	\$119.99*

 CPU Benchmarks

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5602 @ 2.80GHz	2885	1466	45.09	\$64.00*
AMD Phenom II X4 900e	2882	1467	NA	NA
Intel Pentium G2030 @ 3.00GHz	2867	1468	59.75	\$48.00
AMD Athlon II X3 460	2864	1469	73.46	\$38.99*
AMD Athlon X4 620	2861	1470	47.74	\$59.95
Intel Celeron G1840 @ 2.80GHz	2860	1471	28.61	\$99.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3240T @ 2.70GHz	2840	1472	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1473	12.62	\$225.00*
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1474	NA	NA
Intel Xeon E5405 @ 2.00GHz	2835	1475	70.97	\$39.95*
Intel Core i7-2677M @ 1.80GHz	2833	1476	NA	NA
Intel Core M-5Y31 @ 0.90GHz	2832	1477	NA	NA
Intel Core i3-550 @ 3.20GHz	2829	1478	16.10	\$175.74
Intel Core i7-640M @ 2.80GHz	2828	1479	14.15	\$199.95*
AMD PRO A6-8570E	2824	1480	NA	NA
AMD Opteron 2350	2820	1481	35.28	\$79.95*
Intel Core M-5Y10c @ 0.80GHz	2819	1482	10.03	\$281.00*
AMD Opteron 2356	2814	1483	54.12	\$52.00*
Intel Core i7-2617M @ 1.50GHz	2812	1485	NA	NA
Intel Pentium G870 @ 3.10GHz	2812	1484	29.00	\$97.00*
AMD Phenom 9750 Quad-Core	2811	1486	95.33	\$29.49*
Intel Core i5-4422E @ 1.80GHz	2806	1488	10.55	\$266.00*
Intel Core2 Quad Q8200 @ 2.33GHz	2806	1487	122.09	\$22.99*
AMD A8-7100 APU	2799	1489	NA	NA
AMD A6-3620 APU	2793	1490	46.57	\$59.99*
AMD Athlon II X4 610e	2793	1491	39.92	\$69.99*
AMD Phenom II X4 B05e	2792	1492	NA	NA
AMD Opteron 2373 EE	2789	1494	NA	NA
Intel Core i3-4025U @ 1.90GHz	2789	1493	NA	NA
AMD A6-7400K APU	2783	1495	38.24	\$72.79
Intel Core i3-2370M @ 2.40GHz	2779	1496	69.82	\$39.81*
AMD PRO A4-8350B	2776	1497	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 G3930T @ 2.70GHz	2766	1499	74.87	\$36.95
AMD Athlon II X3 455	2765	1501	70.92	\$38.99*
AMD Opteron 1356	2765	1500	30.73	\$89.99*
AMD A10-5745M APU	2764	1502	NA	NA
Intel Pentium G2100T @ 2.60GHz	2763	1503	NA	NA
AMD PRO A6-7350B	2759	1504	NA	NA
Intel Xeon L5335 @ 2.00GHz	2756	1505	146.68	\$18.79*
Intel Pentium G2020 @ 2.90GHz	2753	1506	45.92	\$59.95*
AMD A8-7410 APU	2750	1507	NA	NA
Intel Celeron G1820 @ 2.70GHz	2749	1508	61.11	\$44.99
Intel Pentium 1403 @ 2.60GHz	2742	1509	NA	NA
Intel Xeon X3210 @ 2.13GHz	2740	1510	14.76	\$185.71*
Intel Pentium G860 @ 3.00GHz	2737	1511	32.98	\$82.99
AMD Phenom II X4 B15e	2736	1512	NA	NA
AMD Phenom II X3 B73	2735	1513	36.47	\$75.00*
AMD A6-7470K	2727	1514	20.52	\$132.91
Intel Core i3-4030U @ 1.90GHz	2718	1515	NA	NA
AMD PRO A6-9500E	2717	1516	36.73	\$74.00*
AMD Athlon II X4 605e	2716	1517	26.69	\$101.80*
Intel Core i7-620M @ 2.67GHz	2716	1518	24.69	\$110.01
AMD Phenom X4 Quad-Core GP-9830	2715	1519	NA	NA
AMD Phenom 9750B Quad-Core	2709	1520	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-3600 APU	2707	1521	117.76	\$22.99*
AMD Phenom II X940 Quad-Core	2695	1522	NA	NA
Intel Core i5-2557M @ 1.70GHz	2694	1523	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1524	NA	NA
Intel Core i3-540 @ 3.07GHz	2685	1525	14.14	\$189.95
Intel Xeon E5504 @ 2.00GHz	2680	1526	38.32	\$69.95*
Intel Celeron G3900E @ 2.40GHz	2679	1527	25.05	\$107.00*
AMD Opteron 3320 EE	2675	1528	NA	NA
AMD A6-7310 APU	2673	1529	NA	NA
AMD A8-4500M APU	2666	1531	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 715	2662	1532	89.10	\$29.88
Intel Pentium G850 @ 2.90GHz	2662	1532	89.10	\$29.88
AMD A8 PRO-7150B APU	2655	1533	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2653	1534	NA	NA
AMD Phenom II N830 3+1	2652	1535	NA	NA
AMD Phenom II X920 Quad-Core	2650	1536	NA	NA
AMD Phenom II X3 715	2649	1537	31.17	\$84.99*
Intel Celeron J4105 @ 1.50GHz	2642	1538	24.69	\$107.00*
AMD Opteron 2380	2640	1539	58.69	\$45.00
AMD Phenom 9650 Quad-Core	2635	1540	58.64	\$44.95
AMD Opteron 1354	2630	1541	19.49	\$135.00*
Intel Core i3-2350M @ 2.30GHz	2629	1542	82.49	\$31.88
AMD A6 PRO-7400B	2621	1543	NA	NA
AMD Athlon II X3 450	2621	1545	68.97	\$38.01
Intel Core i3-2348M @ 2.30GHz	2621	1544	NA	NA
AMD A6-6420B APU	2612	1546	NA	NA
AMD A8-3550MX APU	2610	1547	NA	NA
AMD Athlon 5350 APU	2610	1548	22.07	\$118.29
AMD A10-4655M APU	2605	1549	NA	NA
AMD Phenom 9450e Quad-Core	2599	1550	24.76	\$105.00*
Intel Pentium G2010 @ 2.80GHz	2599	1551	51.99	\$50.00
AMD Athlon II X4 6400e	2594	1552	NA	NA
Intel Celeron G3900TE @ 2.30GHz	2591	1553	61.71	\$42.00*
Intel Pentium G645 @ 2.90GHz	2589	1554	64.74	\$40.00
AMD A8-5545M APU	2584	1556	NA	NA
Intel Core i7-2630UM @ 1.60GHz	2584	1555	NA	NA
Intel Core i5-580M @ 2.67GHz	2582	1557	23.49	\$109.95*
Intel Core i5-560M @ 2.67GHz	2578	1558	31.45	\$81.97*
AMD A8-6410 APU	2576	1560	NA	NA
Intel Celeron G1620 @ 2.70GHz	2576	1559	39.65	\$64.99
AMD Phenom 9600B Quad-Core	2575	1561	17.50	\$147.19*
AMD Athlon II X3 445	2574	1562	28.29	\$91.00*
AMD Athlon X3 435	2574	1563	26.96	\$95.49*
Intel Celeron G1830 @ 2.80GHz	2568	1564	27.05	\$94.95*
AMD Athlon II X3 440	2567	1565	95.13	\$26.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3220 @ 2.50GHz	2559	1567	73.15	\$34.99*
Intel Pentium G840 @ 2.80GHz	2559	1567	73.15	\$34.99*
Intel Pentium G3220T @ 2.60GHz	2557	1568	40.60	\$62.98*
Intel Celeron G1840T @ 2.50GHz	2554	1569	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5270 @ 3.50GHz	2553	1570	NA	NA
AMD Phenom 9550 Quad-Core	2544	1573	87.77	\$28.99*
Intel Core i3-2328M @ 2.20GHz	2544	1572	27.37	\$92.97*
Intel Core i7-610E @ 2.53GHz	2544	1571	NA	NA
AMD A9-9430	2540	1574	NA	NA
AMD A9-9410	2539	1575	NA	NA
Intel Atom C3558 @ 2.20GHz	2538	1576	29.52	\$86.00*
AMD A4-6250J APU	2537	1577	NA	NA
AMD A4-7210 APU	2529	1578	NA	NA
Intel Core i3-2330M @ 2.20GHz	2528	1579	126.51	\$19.99
Intel Core2 Quad Q9000 @ 2.00GHz	2525	1580	6.49	\$389.00*
Intel Pentium G640 @ 2.80GHz	2519	1581	63.00	\$40.00
AMD Phenom FX-5000 Quad-Core	2517	1582	NA	NA
AMD PRO A6-8500B	2516	1583	NA	NA
AMD Phenom II N970 Quad-Core	2515	1584	16.77	\$149.99*
Intel Xeon E5335 @ 2.00GHz	2513	1585	141.45	\$17.77*
AMD Embedded G-Series GX-420GI Radeon R7E	2508	1588	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2508	1587	NA	NA
Intel Pentium 3825U @ 1.90GHz	2508	1586	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1589	NA	NA
AMD Athlon X4 605e	2505	1590	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2502	1591	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1592	NA	NA
AMD A9-9425	2496	1593	NA	NA
Intel Celeron G1820T @ 2.40GHz	2495	1594	59.42	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1595	35.63	\$69.99
AMD GX-424CC SOC	2491	1596	NA	NA
Intel Celeron G1610 @ 2.60GHz	2488	1597	52.94	\$47.00
Intel Pentium G2030T @ 2.60GHz	2487	1598	38.86	\$64.00*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N950 Quad-Core	2483	1600	22.06	\$112.60*
Intel Core i7-2610UE @ 1.50GHz	2481	1601	NA	NA
AMD Athlon II X3 435	2471	1602	82.41	\$29.99*
Intel Core i3-3227U @ 1.90GHz	2468	1603	NA	NA
AMD A6-6310 APU	2467	1604	NA	NA
AMD Athlon II X4 600e	2465	1605	18.93	\$130.23*
Intel Atom C3538 @ 2.10GHz	2455	1608	32.73	\$75.00*
Intel Pentium Silver N5000 @ 1.10GHz	2455	1606	15.25	\$161.00*
Intel Xeon X5260 @ 3.33GHz	2455	1607	45.47	\$54.00*
Intel Core i5-540M @ 2.53GHz	2453	1609	36.08	\$68.00*
AMD Opteron 2354	2450	1610	7.38	\$332.03*
AMD Phenom II X3 710	2448	1611	28.97	\$84.53*
Intel Core i3-4005U @ 1.70GHz	2447	1612	NA	NA
Intel Core i3-4010U @ 1.70GHz	2442	1613	16.28	\$149.99
AMD A6-5200 APU	2436	1614	NA	NA
Intel Core i3-2310M @ 2.10GHz	2432	1615	62.68	\$38.81
Intel Xeon E3113 @ 3.00GHz	2427	1616	247.99	\$9.79*
Intel Xeon E5240 @ 3.00GHz	2424	1617	27.31	\$88.78*
Intel Celeron G555 @ 2.70GHz	2422	1618	22.23	\$109.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2020T @ 2.50GHz	2418	1619	50.81	\$47.60*
AMD A8-3510MX APU	2414	1620	NA	NA
Intel Xeon E7320 @ 2.13GHz	2413	1621	NA	NA
AMD GX-420CA SOC	2412	1622	NA	NA
AMD Embedded R-Series RX-216GD	2409	1623	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1624	NA	NA
AMD A4 PRO-3340B	2402	1625	NA	NA
AMD Athlon X3 455	2401	1626	NA	NA
Intel Core i5-480M @ 2.67GHz	2398	1627	29.76	\$80.60*
Intel Pentium 2030M @ 2.50GHz	2398	1628	17.90	\$134.00*
Intel Core2 Duo E8600 @ 3.33GHz	2397	1629	56.48	\$42.45*
Intel Xeon X5272 @ 3.40GHz	2394	1630	17.10	\$140.00*
Intel Pentium G3320TE @ 2.30GHz	2389	1631	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A6-8530B	2388	1632	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1634	NA	NA
Intel Core i3-2332M @ 2.20GHz	2382	1635	NA	NA
AMD Phenom II X4 8700e	2377	1636	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2375	1637	NA	NA
Intel Core i3-2312M @ 2.10GHz	2374	1638	NA	NA
Intel Pentium G630 @ 2.70GHz	2371	1639	23.71	\$100.00
Intel Celeron 3965U @ 2.20GHz	2369	1640	22.14	\$107.00*
Intel Core i5-520M @ 2.40GHz	2367	1641	79.42	\$29.81
Intel Celeron 2000E @ 2.20GHz	2365	1642	NA	NA
Intel Xeon E5603 @ 1.60GHz	2364	1643	18.32	\$129.04*
AMD A8-3530MX APU	2354	1644	NA	NA
AMD A4 PRO-7300B APU	2353	1646	NA	NA
Intel Celeron G1620T @ 2.40GHz	2353	1647	56.03	\$42.00*
Intel Core2 Duo E8290 @ 2.83GHz	2353	1645	NA	NA
AMD A9-9420	2337	1648	NA	NA
AMD A4-6320 APU	2329	1649	33.29	\$69.99*
AMD Phenom 9350e Quad-Core	2320	1650	0.69	\$3,382.07*
Intel Core i5-2467M @ 1.60GHz	2319	1651	NA	NA
Intel Core i5-460M @ 2.53GHz	2319	1652	30.95	\$74.95*
AMD Opteron 1352	2316	1653	17.04	\$135.99*
AMD Athlon II X3 425	2314	1655	85.74	\$26.99*
AMD Athlon X3 445	2314	1654	NA	NA
AMD A6-6400K APU	2313	1656	28.46	\$81.27*
AMD A4-7300 APU	2312	1658	20.65	\$112.00
Intel Celeron 2970M @ 2.20GHz	2312	1657	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1659	NA	NA
AMD A9-9400	2306	1660	NA	NA
Intel Core i3-3217U @ 1.80GHz	2304	1661	10.02	\$229.99*
AMD Athlon X2 280	2303	1663	68.77	\$33.49*
AMD Phenom 9600 Quad-Core	2303	1662	46.11	\$49.95*
AMD Opteron X3216 APU	2292	1664	NA	NA
AMD E2-7110 APU	2290	1665	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1666	28.63	\$80.00

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5506 @ 2.93GHz	2286	1668	91.50	\$24.99*
AMD Athlon II X3 420e	2285	1669	19.68	\$116.15*
AMD Opteron 2376	2283	1670	13.69	\$166.81*
AMD A6-6400B APU	2281	1672	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2281	1671	57.06	\$39.99*
AMD Phenom II N930 Quad-Core	2274	1674	17.50	\$129.95*
AMD PRO A4-3350B APU	2274	1675	NA	NA
Intel Xeon L5310 @ 1.60GHz	2274	1673	20.22	\$112.50*
Intel Pentium 2020M @ 2.40GHz	2273	1677	16.97	\$134.00*
Intel Xeon L3110 @ 3.00GHz	2273	1676	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1678	72.33	\$31.40*
Intel Pentium 3560M @ 2.40GHz	2269	1680	NA	NA
Intel Pentium J4205 @ 1.50GHz	2269	1679	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2262	1681	NA	NA
Intel Pentium 3550M @ 2.30GHz	2260	1682	NA	NA
Intel Celeron N4100 @ 1.10GHz	2259	1683	21.12	\$107.00*
Intel Pentium G645T @ 2.50GHz	2257	1684	NA	NA
Intel Celeron G1610T @ 2.30GHz	2256	1685	56.35	\$40.04*
AMD Opteron 8354	2255	1686	93.98	\$24.00
AMD Athlon X2 370K Dual Core	2251	1687	NA	NA
AMD A6-5400B APU	2250	1688	21.43	\$105.04*
AMD Athlon II X3 415e	2247	1689	29.97	\$75.00*
Intel Core i7-640LM @ 2.13GHz	2247	1690	NA	NA
AMD Opteron 2393 SE	2246	1691	NA	NA
Intel Core i5-520 @ 2.40GHz	2244	1692	NA	NA
AMD Phenom II X3 700e	2242	1693	NA	NA
Intel Xeon E3120 @ 3.16GHz	2241	1694	NA	NA
AMD Athlon II X3 425e	2239	1695	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1696	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1697	NA	NA
AMD A4 PRO-7350B	2227	1699	NA	NA
AMD Phenom II X3 705e	2227	1698	14.63	\$152.34*

 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 565	2225	1701	10.60	\$209.95*
Intel Pentium 4415Y @ 1.60GHz	2222	1702	13.81	\$161.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1703	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2214	1704	NA	NA
Intel Xeon E5310 @ 1.60GHz	2214	1705	45.19	\$49.00*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1706	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1707	NA	NA
AMD Phenom 9500 Quad-Core	2203	1708	76.01	\$28.99*
AMD A6-8500P	2202	1709	NA	NA
AMD A6-3430MX APU	2200	1710	NA	NA
Intel Celeron G540 @ 2.50GHz	2197	1711	48.84	\$45.00*
Intel Core i5 750S @ 2.40GHz	2197	1712	21.97	\$99.99*
AMD Athlon X3 425	2191	1713	NA	NA
AMD Phenom II X620 Dual-Core	2189	1714	NA	NA
HP Hexa-Core 2.0GHz	2178	1715	4.32	\$504.27*
AMD A4-6210 APU	2170	1716	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-3520M APU	2169	1717	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1718	15.95	\$136.00*
Intel Core i3-390M @ 2.67GHz	2165	1719	55.59	\$38.95*
Intel Core i3-3217UE @ 1.60GHz	2162	1720	NA	NA
AMD A6-5400K APU	2160	1722	34.83	\$62.02
AMD A6-9220	2160	1721	NA	NA
AMD A4-6300B APU	2159	1724	21.59	\$100.00*
Intel Xeon E3110 @ 3.00GHz	2159	1723	93.93	\$22.99*
Intel Core i3-4012Y @ 1.50GHz	2157	1725	NA	NA
AMD A4-5300B APU	2149	1726	56.56	\$38.00*
Intel Core2 Duo E8400 @ 3.00GHz	2148	1727	47.22	\$45.50*
Intel Atom C2550 @ 2.40GHz	2141	1728	NA	NA
Intel Core2 Duo T9900 @ 3.06GHz	2137	1729	5.36	\$398.95*
Intel Pentium G6951 @ 2.80GHz	2135	1731	22.72	\$94.00*
Intel Xeon L5320 @ 1.86GHz	2135	1730	30.52	\$69.99*
Intel Core i5-450M @ 2.40GHz	2133	1732	66.78	\$31.95*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G530 @ 2.40GHz	2128	1734	53.22	\$39.99*
Intel Core2 Duo E8335 @ 2.93GHz	2128	1735	NA	NA
AMD Athlon II X2 280	2127	1736	21.28	\$99.99*
AMD A4-5050 APU	2124	1738	NA	NA
AMD Phenom II X2 B59	2124	1737	48.25	\$44.04*
AMD A8-4555M APU	2123	1739	NA	NA
AMD A6-9225	2121	1740	NA	NA
AMD Phenom 9150e Quad-Core	2114	1742	52.92	\$39.95*
Intel Celeron G540T @ 2.10GHz	2114	1741	NA	NA
Intel Celeron J3455 @ 1.50GHz	2112	1743	6.04	\$349.99
AMD Sempron 240	2110	1744	36.39	\$58.00
AMD Athlon 5150 APU	2107	1745	13.18	\$159.95
AMD Phenom II X2 511	2104	1746	NA	NA
AMD A6-9230	2102	1747	NA	NA
Intel Core i3-380M @ 2.53GHz	2093	1748	34.92	\$59.95
Intel Core i5-430M @ 2.27GHz	2093	1749	14.96	\$139.95*
Intel Pentium G630T @ 2.30GHz	2089	1750	26.12	\$79.99*
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1751	NA	NA
AMD Phenom II P960 Quad-Core	2086	1752	74.51	\$28.00*
AMD Athlon II X2 B28	2085	1754	42.52	\$49.05*
Intel Atom C2538 @ 2.40GHz	2085	1753	20.05	\$104.00*
AMD Phenom 8850B Triple-Core	2080	1755	NA	NA
AMD Athlon X3 440	2078	1756	23.62	\$87.99*
AMD PRO A6-9500B	2076	1757	NA	NA
Intel Core2 Extreme X9100 @ 3.06GHz	2076	1758	2.44	\$851.00*
AMD Phenom II X2 521	2071	1759	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2070	1760	NA	NA
ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz	2069	1761	NA	NA
AMD Phenom II X2 570	2068	1762	NA	NA
Intel Core2 Duo E8435 @ 3.06GHz	2068	1763	NA	NA
Intel Core i5-2537M @ 1.40GHz	2064	1764	NA	NA
AMD Phenom II X2 560	2062	1765	31.73	\$64.99*
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 4405Y @ 1.50GHz	2059	1767	NA	NA
Intel Pentium G6960 @ 2.93GHz	2059	1768	NA	NA
AMD A6-3410MX APU	2058	1769	515.98	\$3.99*
AMD Phenom 8750 Triple-Core	2058	1770	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2050	1771	12.73	\$161.00*
AMD Phenom II X2 555	2042	1772	73.01	\$27.98*
Intel Atom T5700 @ 1.70GHz	2039	1773	NA	NA
Intel Pentium N4200 @ 1.10GHz	2036	1774	8.71	\$233.98*
AMD Phenom 8750B Triple-Core	2034	1775	NA	NA
Intel Pentium G620T @ 2.20GHz	2033	1776	25.42	\$79.99*
Intel Celeron G550T @ 2.20GHz	2032	1777	NA	NA
AMD A6-3500 APU	2029	1778	50.76	\$39.99*
Intel Pentium B980 @ 2.40GHz	2027	1779	28.98	\$69.95*
AMD Phenom 8450e Triple-Core	2026	1780	NA	NA
AMD Phenom II X2 550	2023	1781	40.48	\$49.99*
AMD Phenom II X640 Dual-Core	2021	1782	NA	NA
AMD A4-5300 APU	2019	1783	18.31	\$110.32*
AMD A4-9125	2016	1784	NA	NA
Intel Core i3-370M @ 2.40GHz	2015	1786	50.43	\$39.96*
Intel Core2 Duo P9700 @ 2.80GHz	2015	1785	NA	NA
AMD Athlon II X3 400e	2009	1787	18.70	\$107.43*
AMD R-272F APU	2007	1788	NA	NA
AMD A6-3420M APU	2004	1789	NA	NA
Intel Core2 Duo T9800 @ 2.93GHz	2003	1790	4.73	\$423.89*
AMD Athlon II X3 405e	2000	1792	25.00	\$79.99*
AMD Phenom II N870 Triple-Core	2000	1791	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1793	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1990	1794	99.55	\$19.99*
AMD Phenom 8650 Triple-Core	1986	1795	39.73	\$49.99*
Intel Celeron 2950M @ 2.00GHz	1984	1796	NA	NA
AMD A8-3500M APU	1980	1797	28.31	\$69.95
Intel Pentium G640T @ 2.40GHz	1979	1798	NA	NA
Intel Celeron 4205U @ 1.80GHz	1977	1799	18.48	\$107.00*
AMD Athlon II X2 270	1975	1800	82.33	\$23.99*

 CPU Benchmarks

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium J2900 @ 2.41GHz	1973	1802	NA	NA
AMD A10 Micro-6700T APU	1970	1803	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1804	NA	NA
AMD Phenom 8850 Triple-Core	1968	1805	NA	NA
Intel Pentium 3805U @ 1.90GHz	1965	1806	NA	NA
AMD A6-9220C	1962	1807	NA	NA
Intel Core2 Duo E7600 @ 3.06GHz	1959	1808	16.34	\$119.95*
AMD GX-415GA SOC	1956	1809	NA	NA
Intel Xeon 5160 @ 3.00GHz	1956	1810	39.13	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1811	NA	NA
AMD R-460L APU	1954	1812	NA	NA
Intel Core i7-620LM @ 2.00GHz	1954	1813	NA	NA
AMD A6-5357M APU	1953	1814	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium B970 @ 2.30GHz	1953	1815	38.30	\$50.99*
Intel Celeron 3765U @ 1.90GHz	1948	1816	NA	NA
Intel Core2 Duo E6850 @ 3.00GHz	1946	1817	38.93	\$49.99*
AMD A4-9120	1945	1818	NA	NA
Intel Celeron 3955U @ 2.00GHz	1943	1819	NA	NA
AMD Athlon II X2 250e	1939	1820	25.28	\$76.73*
Intel Core i3-330E @ 2.13GHz	1935	1821	NA	NA
AMD Phenom II N850 Triple-Core	1934	1822	77.36	\$25.00*
AMD Athlon X2 340 Dual Core	1932	1825	38.66	\$49.99*
Intel Pentium E6700 @ 3.20GHz	1932	1824	64.44	\$29.99
Intel Pentium N3540 @ 2.16GHz	1932	1823	7.70	\$250.87*
AMD Phenom X3 8550	1931	1826	11.36	\$169.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1827	21.43	\$89.95*
AMD Phenom II X2 B55	1926	1828	40.17	\$47.95*
AMD Phenom 8600B Triple-Core	1924	1829	36.33	\$52.99*
AMD Opteron 2224 SE	1919	1830	NA	NA
AMD A4-5000 APU	1918	1831	NA	NA
AMD Phenom II X2 545	1918	1832	43.62	\$43.98*
Intel Celeron 3865U @ 1.80GHz	1918	1833	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-4020 APU	1909	1837	23.00	\$83.00
AMD A6-5350M APU	1906	1839	44.20	\$43.12
AMD Athlon II X2 B26	1906	1838	42.42	\$44.95
Intel Xeon @ 2.20GHz	1902	1840	NA	NA
Intel Core i3-4010Y @ 1.30GHz	1900	1841	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1842	NA	NA
Intel Atom x7-Z8750 @ 1.60GHz	1894	1843	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1844	4.62	\$409.95*
AMD Athlon II X2 265	1892	1845	22.84	\$82.88*
Intel Core i3-350M @ 2.27GHz	1891	1846	17.36	\$108.95
AMD Phenom II N830 Triple-Core	1890	1848	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1890	1847	25.68	\$73.63*
AMD A6-3400M APU	1888	1850	63.01	\$29.97*
AMD Phenom 8450 Triple-Core	1888	1849	63.07	\$29.95*
Intel Pentium E5800 @ 3.20GHz	1887	1851	83.90	\$22.50
Intel Core2 Duo E8200 @ 2.66GHz	1882	1852	37.66	\$49.99*
AMD Athlon II X2 260	1877	1853	93.92	\$19.99*
Intel Atom E3950 @ 1.60GHz	1876	1854	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1875	1855	7.11	\$263.64*
Intel Core2 Duo E7500 @ 2.93GHz	1873	1856	125.01	\$14.99*
AMD Phenom II P920 Quad-Core	1872	1857	24.96	\$75.00*
Intel Atom E3940 @ 1.60GHz	1867	1858	NA	NA
Intel Core2 Duo P9600 @ 2.66GHz	1866	1859	NA	NA
AMD A4-5150M APU	1864	1861	NA	NA
Intel Pentium N3710 @ 1.60GHz	1864	1860	NA	NA
Intel Pentium E6600 @ 3.06GHz	1861	1862	18.61	\$100.00*
Intel Pentium G6950 @ 2.80GHz	1855	1863	46.41	\$39.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3867U @ 1.80GHz	1852	1866	17.31	\$107.00*
Intel Celeron J1900 @ 1.99GHz	1852	1864	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1865	37.81	\$48.99*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8335 @ 2.66GHz	1846	1868	NA	NA
AMD Phenom II N660 Dual-Core	1844	1869	18.64	\$99.00*
Intel Xeon W3505 @ 2.53GHz	1844	1870	74.18	\$24.86*
AMD Opteron 2222	1843	1871	1.11	\$1,664.98*
AMD Athlon II X2 255	1842	1872	28.24	\$65.22*
Intel Xeon 3075 @ 2.66GHz	1840	1873	5.26	\$349.95*
Intel Pentium J2850 @ 2.41GHz	1839	1874	NA	NA
Intel Pentium N3700 @ 1.60GHz	1836	1875	4.13	\$444.78*
Intel Atom x5-Z8550 @ 1.44GHz	1835	1876	NA	NA
AMD A6 Micro-6500T APU	1834	1877	NA	NA
AMD Phenom 9100e Quad-Core	1833	1878	45.89	\$39.95*
AMD A4-4000 APU	1831	1880	14.27	\$128.27*
AMD Phenom II P940 Quad-Core	1831	1879	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1881	NA	NA
AMD A8-7050	1824	1882	NA	NA
AMD Phenom II X2 B57	1823	1883	NA	NA
Intel Xeon L5238 @ 2.66GHz	1823	1884	NA	NA
Intel Pentium 2127U @ 1.90GHz	1821	1885	13.59	\$134.00*
Intel Celeron 1005M @ 1.90GHz	1808	1886	NA	NA
Intel Pentium N3520 @ 2.16GHz	1807	1887	NA	NA
AMD Athlon X2 235e	1806	1888	NA	NA
Intel Atom Z3795 @ 1.60GHz	1804	1889	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1803	1890	6.03	\$298.95*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1891	NA	NA
Intel Celeron J3160 @ 1.60GHz	1798	1892	NA	NA
AMD Athlon 64 FX-72	1794	1893	NA	NA
AMD A9-9420e	1792	1895	NA	NA
Intel Core2 Duo T9500 @ 2.60GHz	1792	1894	NA	NA
AMD Athlon 64 X2 Dual Core 6400+	1784	1896	6.87	\$259.95
Intel Core i3-330M @ 2.13GHz	1784	1897	11.16	\$159.95*
Intel Xeon 3070 @ 2.66GHz	1784	1898	4.36	\$408.95*
AMD Athlon II X2 B24	1781	1899	44.59	\$39.95
Intel Core i3-2375M @ 1.50GHz	1773	1900	NA	NA
Intel Core2 Duo E7400 @ 2.80GHz	1770	1901	61.06	\$28.99*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X4 Quad-Core GP-9500	1764	1903	NA	NA
AMD A6-9210	1764	1903	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1764	1904	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1761	1905	NA	NA
AMD Opteron 1222	1757	1908	NA	NA
AMD Phenom X4 Quad-Core GP-9500	1757	1906	NA	NA
Intel Xeon W3503 @ 2.40GHz	1757	1907	175.90	\$9.99*
AMD Phenom II P860 Triple-Core	1756	1909	NA	NA
Intel Core2 Duo P9600 @ 2.53GHz	1754	1910	17.72	\$99.00*
AMD Phenom X2 Dual-Core GE-7060	1752	1911	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1750	1912	1.75	\$998.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-9200	1747	1913	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1914	NA	NA
AMD Athlon II X2 250	1740	1915	44.69	\$38.95
Intel Xeon 5150 @ 2.66GHz	1740	1916	12.44	\$139.95*
Intel Core2 Duo P8800 @ 2.66GHz	1739	1917	30.53	\$56.99*
Intel Pentium E5700 @ 3.00GHz	1738	1918	115.99	\$14.99*
Intel Core2 Duo T9400 @ 2.53GHz	1737	1919	38.65	\$44.95*
Intel Celeron 1037U @ 1.80GHz	1736	1920	NA	NA
Intel Core2 Duo E7300 @ 2.66GHz	1727	1922	43.31	\$39.88*
Intel Pentium B940 @ 2.00GHz	1727	1921	57.71	\$29.94*
Intel Celeron N2940 @ 1.83GHz	1722	1923	NA	NA
AMD Phenom II N640 Dual-Core	1721	1924	26.51	\$64.95*
Intel Celeron B840 @ 1.90GHz	1719	1926	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1925	NA	NA
Intel Celeron G530T @ 2.00GHz	1717	1927	NA	NA
AMD Athlon II X2 B22	1715	1928	41.16	\$41.69*
AMD Sempron 3850 APU	1715	1929	23.54	\$72.90
Intel Pentium B950 @ 2.10GHz	1715	1930	NA	NA
AMD Phenom II P840 Triple-Core	1713	1931	NA	NA
Intel Core2 Duo E6750 @ 2.66GHz	1712	1932	166.27	\$10.30*
AMD Athlon 7850 Dual-Core	1710	1933	8.16	\$209.65*
Intel Core i7-680UM @ 1.47GHz	1710	1934	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 Phenom II X2 B53</u>	1709	1935	NA	NA
<u>Intel Core i3-2367M @ 1.40GHz</u>	1708	1937	NA	NA
<u>Intel Celeron U1900 @ 1.99GHz</u>	1704	1939	NA	NA
<u>Intel Pentium E6300 @ 2.80GHz</u>	1704	1938	<u>165.49</u>	<u>\$10.30*</u>
<u>Intel Celeron 3755U @ 1.70GHz</u>	1702	1940	NA	NA
<u>AMD Opteron 2220</u>	1701	1941	<u>21.29</u>	<u>\$79.95</u>
<u>AMD Athlon II X2 240e</u>	1700	1943	<u>48.64</u>	<u>\$34.95*</u>
<u>Intel Core i3-3229Y @ 1.40GHz</u>	1700	1942	NA	NA
<u>AMD Phenom X2 Dual-Core GE-4060</u>	1697	1944	NA	NA
<u>AMD Athlon X2 250</u>	1696	1946	NA	NA
<u>Intel Atom x5-Z8500 @ 1.44GHz</u>	1696	1945	<u>27.11</u>	<u>\$62.57*</u>
<u>Intel Core2 Duo E6700 @ 2.66GHz</u>	1693	1947	<u>56.46</u>	<u>\$29.99*</u>
<u>Intel Core2 Extreme X7900 @ 2.80GHz</u>	1688	1948	NA	NA
<u>Intel Core2 Duo X7360 @ 2.53GHz</u>	1687	1949	NA	NA
<u>AMD Phenom II N620 Dual-Core</u>	1686	1950	<u>422.70</u>	<u>\$3.99*</u>
<u>Intel Celeron 3855U @ 1.60GHz</u>	1685	1951	NA	NA
<u>Intel Core i3-2365M @ 1.40GHz</u>	1682	1952	NA	NA
<u>Intel Core2 Duo T9300 @ 2.50GHz</u>	1674	1954	<u>28.87</u>	<u>\$57.99*</u>
<u>Intel Pentium 3556U @ 1.70GHz</u>	1674	1953	NA	NA
<u>AMD Phenom 8600 Triple-Core</u>	1673	1957	<u>31.57</u>	<u>\$52.99*</u>
<u>Intel Celeron 1000M @ 1.80GHz</u>	1673	1956	NA	NA
<u>Intel Core2 Duo SP9400 @ 2.40GHz</u>	1673	1955	<u>5.89</u>	<u>\$284.00*</u>
<u>Intel Pentium 3558U @ 1.70GHz</u>	1672	1958	NA	NA
<u>AMD Athlon X2 240e</u>	1670	1960	NA	NA
<u>AMD Turion II Ultra Dual-Core Mobile M640</u>	1670	1959	NA	NA
<u>Intel Core i5-560UM @ 1.33GHz</u>	1669	1961	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Phenom 8250 Triple-Core</u>	1668	1962	NA	NA
<u>AMD A6-7000</u>	1667	1963	NA	NA
<u>Intel Celeron G1101 @ 2.27GHz</u>	1667	1964	<u>84.34</u>	<u>\$19.77*</u>
<u>Intel Celeron N3150 @ 1.60GHz</u>	1666	1965	NA	NA
<u>Intel Celeron N3160 @ 1.60GHz</u>	1666	1966	<u>5.95</u>	<u>\$279.99</u>
<u>AMD A4-3420 APU</u>	1664	1967	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 X2 245</u>	1662	1969	47.56	\$34.95*
<u>AMD Opteron 1220</u>	1661	1970	NA	NA
<u>Intel Celeron N2930 @ 1.83GHz</u>	1658	1971	NA	NA
<u>AMD Athlon II X2 235e</u>	1657	1972	9.11	\$181.88*
<u>Intel Pentium 2117U @ 1.80GHz</u>	1655	1973	12.36	\$134.00*
<u>Intel Celeron 3215U @ 1.70GHz</u>	1652	1974	NA	NA
<u>AMD E2-9000</u>	1650	1975	NA	NA
<u>AMD E2-3800 APU</u>	1645	1976	NA	NA
<u>AMD A6-4400M APU</u>	1643	1977	205.73	\$7.99*
<u>AMD Athlon II X2 240</u>	1643	1978	47.02	\$34.95
<u>Intel Core i7-640UM @ 1.20GHz</u>	1638	1979	NA	NA
<u>Intel Pentium E5500 @ 2.80GHz</u>	1636	1981	62.95	\$25.99*
<u>Intel Xeon 5140 @ 2.33GHz</u>	1636	1980	65.49	\$24.99*
<u>AMD Athlon II X2 220</u>	1635	1983	50.79	\$32.19
<u>AMD Phenom 8250e Triple-Core</u>	1635	1982	34.81	\$46.99*
<u>AMD Athlon II X2 4400e</u>	1632	1985	NA	NA
<u>AMD Phenom 8400 Triple-Core</u>	1632	1984	NA	NA
<u>AMD A6-9220e</u>	1629	1986	NA	NA
<u>AMD E2-9010</u>	1629	1987	NA	NA
<u>AMD Athlon X2 255</u>	1627	1988	NA	NA
<u>Intel Core2 Duo E7200 @ 2.53GHz</u>	1624	1989	33.16	\$49.00*
<u>Intel Core2 Duo P8700 @ 2.53GHz</u>	1624	1990	42.76	\$37.99*
<u>Intel Celeron J1850 @ 1.99GHz</u>	1617	1991	NA	NA
<u>AMD A6 PRO-7050B APU</u>	1616	1992	NA	NA
<u>AMD A4-4300M APU</u>	1614	1993	40.52	\$39.86
<u>Athlon 64 Dual Core 5400+</u>	1614	1994	NA	NA
<u>AMD Athlon X2 240</u>	1611	1995	NA	NA
<u>Intel Celeron 3965Y @ 1.50GHz</u>	1607	1996	15.03	\$107.00*
<u>Intel Celeron 2002E @ 1.50GHz</u>	1605	1997	18.67	\$86.00*
<u>Intel Pentium A1018 @ 2.10GHz</u>	1605	1998	NA	NA
<u>AMD Athlon 64 X2 Dual Core 6000+</u>	1603	1999	34.90	\$45.95
<u>AMD Phenom II P820 Triple-Core</u>	1602	2000	NA	NA
<u>Intel Xeon 5133 @ 2.20GHz</u>	1598	2001	NA	NA
<u>Intel Core2 Duo T7800 @ 2.60GHz</u>	1597	2002	2.63	\$607.99*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2218	1594	2004	19.94	\$79.95
AMD A4-3400 APU	1593	2005	18.12	\$87.95
Intel Celeron 2980U @ 1.60GHz	1593	2006	NA	NA
Intel Xeon 5148 @ 2.33GHz	1590	2007	121.17	\$13.13*
AMD Phenom II P650 Dual-Core	1579	2008	45.12	\$35.00*
Intel Atom x5-E8000 @ 1.04GHz	1578	2009	NA	NA
AMD R-260H APU	1576	2010	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-62 Dual Core	1573	2011	NA	NA
AMD Athlon 7750 Dual-Core	1570	2012	10.27	\$152.99
Intel Xeon 3085 @ 3.00GHz	1570	2013	NA	NA
AMD Turion II N530 Dual-Core	1567	2014	52.24	\$30.00*
AMD Athlon II X2 215	1566	2015	130.68	\$11.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	2016	NA	NA
AMD Athlon II N370 Dual-Core	1559	2017	NA	NA
Intel Core i3-2357M @ 1.30GHz	1556	2018	NA	NA
Intel Core2 Duo E6600 @ 2.40GHz	1554	2019	103.72	\$14.99*
Intel Celeron J4005 @ 2.00GHz	1551	2020	7.00	\$221.66
Athlon 64 Dual Core 5600+	1548	2021	NA	NA
AMD A4 Micro-6400T APU	1544	2022	NA	NA
AMD Athlon X2 215	1543	2023	NA	NA
Intel Pentium E5300 @ 2.60GHz	1540	2024	67.00	\$22.99
AMD A4-9120C	1539	2025	NA	NA
AMD A6-1450 APU	1539	2026	NA	NA
Intel Core2 Duo P8600 @ 2.40GHz	1536	2027	31.25	\$49.18*
AMD Sempron X2 190	1534	2028	18.39	\$83.44*
AMD Turion II Ultra Dual-Core Mobile M660	1533	2029	NA	NA
AMD Athlon II X2 225	1526	2030	NA	NA
AMD Turion II N550 Dual-Core	1521	2031	NA	NA
Intel Xeon 3065 @ 2.33GHz	1520	2032	72.77	\$20.90*
Intel Pentium N3510 @ 1.99GHz	1519	2033	NA	NA
AMD Opteron 2216	1518	2036	58.84	\$25.80
Intel Core2 Duo P7550 @ 2.26GHz	1518	2035	6.60	\$229.99*

 CPU Benchmarks

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 5800+	1516	2037	60.68	\$24.99*
AMD E2-9030	1515	2039	NA	NA
AMD Turion II P560 Dual-Core	1515	2038	NA	NA
Intel Celeron N2920 @ 1.86GHz	1514	2040	NA	NA
Intel Celeron B830 @ 1.80GHz	1512	2041	NA	NA
Intel Celeron 1017U @ 1.60GHz	1508	2042	NA	NA
Athlon 64 Dual Core 5000+	1507	2043	NA	NA
AMD Athlon II X2 4450e	1504	2044	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	2045	NA	NA
Intel Celeron 3205U @ 1.50GHz	1503	2046	5.24	\$287.04*
AMD A4-3300 APU	1502	2047	115.70	\$12.99
AMD PRO A4-4350B	1502	2048	NA	NA
AMD GX-412HC	1497	2049	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1497	2050	100.17	\$14.95*
AMD Athlon 64 FX-74	1495	2051	2.99	\$499.50*
Intel Core2 Duo E8135 @ 2.40GHz	1490	2052	NA	NA
AMD Athlon II X2 210e	1486	2054	NA	NA
Intel Pentium E5200 @ 2.50GHz	1486	2053	24.80	\$59.95
AMD Athlon 64 X2 Dual Core 5600+	1485	2055	8.25	\$179.95
AMD Athlon II X2 4300e	1483	2056	NA	NA
Intel Core2 Duo E4700 @ 2.60GHz	1481	2057	54.88	\$26.99*
AMD A6-5345M APU	1476	2058	NA	NA
AMD Athlon 7550 Dual-Core	1472	2059	24.54	\$60.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T8300 @ 2.40GHz	1471	2060	13.51	\$108.95*
AMD Opteron 285	1470	2061	18.39	\$79.95
AMD Opteron 1218	1468	2062	NA	NA
AMD Opteron 290	1464	2063	10.85	\$135.00*
Intel Core2 Duo P7570 @ 2.26GHz	1455	2064	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	2066	NA	NA
Intel Celeron E3500 @ 2.70GHz	1454	2065	36.37	\$39.99*
Intel Core2 Duo P8400 @ 2.26GHz	1453	2067	4.89	\$297.01*
Intel Core2 Duo E6540 @ 2.33GHz	1451	2068	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 7450 Dual-Core	1449	2070	NA	NA
AMD Opteron 1218 HE	1444	2071	NA	NA
Intel Celeron E3400 @ 2.60GHz	1439	2072	2.36	\$610.00*
AMD Phenom X2 Dual-Core GP-7730	1435	2073	NA	NA
AMD Turion II Ultra Dual-Core Mobile M620	1435	2074	NA	NA
Intel Celeron 2957U @ 1.40GHz	1433	2075	NA	NA
AMD Turion II P540 Dual-Core	1432	2076	28.67	\$49.95*
Intel Celeron B820 @ 1.70GHz	1431	2077	36.43	\$39.29*
Intel Celeron N4000 @ 1.10GHz	1430	2078	13.37	\$107.00*
Intel Core2 Duo T7700 @ 2.40GHz	1425	2079	10.18	\$139.95*
AMD Athlon X2 440	1424	2080	NA	NA
AMD Athlon Dual Core 5400B	1420	2081	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	2082	35.42	\$39.99*
AMD Opteron 2214 HE	1415	2083	NA	NA
AMD Sempron X2 198 Dual-Core	1413	2084	NA	NA
Intel Celeron 2955U @ 1.40GHz	1413	2085	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	2086	52.55	\$26.76*
Intel Xeon E5205 @ 1.86GHz	1401	2087	148.77	\$9.42*
AMD Opteron 2220 SE	1398	2088	55.92	\$25.00*
Intel Celeron B810 @ 1.60GHz	1395	2090	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	2089	NA	NA
AMD Athlon Dual Core 4850B	1391	2092	NA	NA
AMD Sempron X2 180	1391	2091	20.05	\$69.40*
Intel Celeron 1007U @ 1.50GHz	1390	2093	7.52	\$184.99*
Intel Celeron E3300 @ 2.50GHz	1389	2094	55.62	\$24.98
Intel Core2 Duo E4600 @ 2.40GHz	1383	2095	8.76	\$157.95*
Intel Celeron E3200 @ 2.40GHz	1382	2096	26.59	\$51.99*
AMD Athlon 64 X2 Dual Core 5200+	1381	2098	23.03	\$60.00
Intel Xeon E5503 @ 2.00GHz	1381	2097	4.81	\$287.01*
AMD E2-3200 APU	1380	2099	172.79	\$7.99*
Intel Xeon E5502 @ 1.87GHz	1378	2100	14.51	\$95.00*
Intel Core2 Duo T7600 @ 2.33GHz	1377	2101	NA	NA
Intel Core i5-540UM @ 1.20GHz	1375	2102	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 L5406 @ 2.13GHz	1370	2103	NA	NA
Athlon 64 Dual Core 4800+	1370	2104	NA	NA
Intel Xeon 5130 @ 2.00GHz	1366	2105	27.90	\$48.99*
Intel Celeron 2981U @ 1.60GHz	1364	2106	NA	NA
Intel Celeron B815 @ 1.60GHz	1364	2107	NA	NA
AMD Turion II Neo N54L Dual-Core	1363	2108	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA QuadCore L4700 @ 1.2+ GHz	1363	2109	NA	NA
AMD Turion II P520 Dual-Core	1360	2110	NA	NA
Intel Core2 Duo E6420 @ 2.13GHz	1359	2111	27.20	\$49.99*
Intel Core2 Duo T6600 @ 2.20GHz	1359	2113	71.91	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1359	2112	NA	NA
AMD Opteron 2214	1358	2114	46.85	\$29.00*
Intel Pentium P6200 @ 2.13GHz	1350	2115	30.04	\$44.95*
Intel Core i5-520UM @ 1.07GHz	1348	2116	NA	NA
Athlon Dual Core 4850e	1346	2118	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1346	2117	NA	NA
AMD Athlon Dual Core 5050e	1345	2119	22.43	\$60.00*
AMD Opteron 185	1342	2120	NA	NA
Intel Core i5-430UM @ 1.20GHz	1341	2121	NA	NA
AMD Turion II Dual-Core Mobile M540	1338	2123	NA	NA
Intel Xeon L3406 @ 2.27GHz	1338	2122	4.83	\$277.01*
Intel Pentium T4500 @ 2.30GHz	1333	2124	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2125	NA	NA
Intel Pentium E2220 @ 2.40GHz	1330	2126	15.48	\$85.99*
Intel Celeron P4600 @ 2.00GHz	1328	2127	NA	NA
Intel Pentium P6100 @ 2.00GHz	1327	2128	46.67	\$28.44*
AMD E2-9000e	1324	2129	NA	NA
Intel Core i7-620UM @ 1.07GHz	1323	2130	NA	NA
AMD Athlon II P360 Dual-Core	1318	2131	54.93	\$24.00*
AMD Athlon Dual Core 5200B	1316	2132	NA	NA
AMD Athlon Dual Core 4850e	1314	2133	33.71	\$39.00*
AMD Athlon 64 X2 Dual Core 5000+	1313	2134	3.96	\$331.49*
AMD Opteron 1216	1311	2136	23.91	\$54.85*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1212 HE	1308	2137	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2138	18.91	\$69.10*
AMD Athlon Dual Core 5000B	1305	2139	13.74	\$95.00*
AMD Athlon Dual Core 5600B	1304	2140	NA	NA
Intel Xeon 3050 @ 2.13GHz	1300	2141	8.23	\$157.95*
AMD Opteron 1214 HE	1299	2142	NA	NA
Intel Celeron G470 @ 2.00GHz	1298	2143	NA	NA
Intel Core2 Duo T8100 @ 2.10GHz	1297	2144	1.30	\$999.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1295	2145	23.56	\$55.00*
AMD Turion II Dual-Core Mobile M500	1293	2146	NA	NA
AMD Athlon 5000 Dual-Core	1292	2147	10.78	\$119.95
AMD Opteron 275	1291	2149	15.74	\$82.05*
Intel Celeron 877 @ 1.40GHz	1291	2148	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	2150	64.51	\$19.99*
Intel Core2 Duo E6400 @ 2.13GHz	1288	2151	43.02	\$29.95*
AMD A4-3310MX APU	1286	2152	NA	NA
AMD A6-4455M APU	1286	2153	NA	NA
AMD Athlon 64 X2 4200+	1285	2154	4.16	\$308.95*
AMD Athlon II X2 270u	1285	2155	18.99	\$67.67*
Intel Core2 Duo T6500 @ 2.10GHz	1285	2156	85.74	\$14.99*
AMD Athlon 64 FX-60 Dual Core	1282	2157	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T4400 @ 2.20GHz	1281	2158	NA	NA
Intel Atom Z3775D @ 1.49GHz	1278	2159	NA	NA
Intel Xeon 3040 @ 1.86GHz	1278	2160	51.05	\$25.04*
Intel Celeron B800 @ 1.50GHz	1277	2161	NA	NA
Intel Atom Z3775 @ 1.46GHz	1276	2162	36.46	\$35.00*
Intel Atom x5-Z8350 @ 1.44GHz	1275	2163	60.75	\$21.00*
Celeron Dual-Core T3500 @ 2.10GHz	1274	2164	NA	NA
Intel Celeron 887 @ 1.50GHz	1272	2165	NA	NA
Intel Core2 Duo E4500 @ 2.20GHz	1271	2167	17.84	\$71.25*
Intel Core2 Duo T7500 @ 2.20GHz	1271	2166	29.58	\$42.99*
AMD Opteron 2212	1270	2168	63.53	\$20.00*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X3 Dual-Core 8800	1268	2168	1.26	\$25.99
Intel Pentium 3560Y @ 1.20GHz	1266	2169	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1262	2171	NA	NA
Intel Core2 Duo T6570 @ 2.10GHz	1257	2172	32.66	\$38.50*
AMD GX-222GC SOC	1255	2174	NA	NA
Intel Celeron E1600 @ 2.40GHz	1255	2173	NA	NA
AMD A4-3320M APU	1253	2175	34.93	\$35.90
AMD Athlon 64 X2 Dual Core 4800+	1253	2176	2.73	\$459.95*
Intel Atom Z3770 @ 1.46GHz	1252	2177	8.38	\$149.44*
AMD Athlon II P340 Dual-Core	1251	2180	27.83	\$44.95*
AMD Athlon X2 Dual Core BE-2450	1251	2178	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2179	4.95	\$253.00*
Intel Core2 Duo T7400 @ 2.16GHz	1250	2181	NA	NA
AMD Athlon II N350 Dual-Core	1249	2182	NA	NA
Intel Xeon 5120 @ 1.86GHz	1248	2183	0.77	\$1,619.99*
Intel Pentium P6000 @ 1.87GHz	1243	2184	NA	NA
AMD Opteron 180	1236	2185	9.51	\$129.95*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2186	27.43	\$45.00*
Athlon 64 Dual Core 3800+	1234	2187	NA	NA
Intel Pentium T4300 @ 2.10GHz	1231	2188	NA	NA
AMD A4-3305M APU	1227	2189	39.85	\$30.81
Intel Core2 Duo T6400 @ 2.00GHz	1226	2190	81.79	\$14.99*
Intel Pentium 987 @ 1.50GHz	1222	2191	NA	NA
AMD Athlon 64 X2 Dual Core 4600+	1219	2192	3.39	\$359.95
AMD A4-3330MX APU	1218	2193	NA	NA
AMD Athlon II P320 Dual-Core	1216	2194	40.62	\$29.95*
AMD Athlon X2 Dual Core BE-2400	1213	2195	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2196	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2197	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2198	63.72	\$18.99
AMD GX-218GL SOC	1207	2199	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2200	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1206	2201	75.86	\$15.90*

 CPU Benchmarks

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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 Dual Core 4450e	1204	2203	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2204	NA	NA
Intel Pentium E2200 @ 2.20GHz	1203	2205	16.04	\$75.00*
Celeron Dual-Core T3300 @ 2.00GHz	1200	2206	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T7300 @ 2.00GHz	1194	2207	38.55	\$30.99*
AMD Opteron 1214	1191	2208	4.11	\$290.00*
Intel Atom x5-Z8300 @ 1.44GHz	1191	2209	8.96	\$132.99*
Intel Celeron 1047UE @ 1.40GHz	1188	2210	NA	NA
AMD A4-3300M APU	1186	2212	39.56	\$29.99*
AMD Turion II Neo K685 Dual-Core	1186	2211	NA	NA
Intel Core2 Duo E6320 @ 1.86GHz	1185	2213	23.72	\$49.99*
AMD Phenom X2 Dual-Core GP-5000	1180	2214	NA	NA
AMD A4-4355M APU	1177	2215	NA	NA
AMD Opteron 280	1176	2216	18.10	\$65.00
Celeron Dual-Core T3100 @ 1.90GHz	1174	2217	27.97	\$42.00*
Intel Pentium E2210 @ 2.20GHz	1174	2218	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2220	39.12	\$29.99*
VIA QuadCore U4650 @ 1.0+ GHz	1173	2219	NA	NA
AMD Opteron 1216 HE	1172	2221	NA	NA
AMD Opteron 270	1170	2222	1.93	\$607.47*
AMD Athlon Dual Core 4450B	1168	2224	37.69	\$31.00*
Intel Celeron E1500 @ 2.20GHz	1168	2223	59.47	\$19.65
Intel Core2 Duo T7200 @ 2.00GHz	1168	2225	11.69	\$99.95*
AMD Opteron 175	1167	2226	NA	NA
AMD Turion 64 X2 Mobile TL-68	1162	2227	12.92	\$90.00*
Intel Atom E3840 @ 1.91GHz	1162	2228	NA	NA
Intel Core i3-380UM @ 1.33GHz	1159	2229	NA	NA
Intel Core2 Duo E4400 @ 2.00GHz	1157	2230	23.16	\$49.99*
Athlon 64 Dual Core 4200+	1156	2231	5.64	\$204.95*
Intel Celeron J3355 @ 2.00GHz	1155	2232	NA	NA
AMD Athlon II N330 Dual-Core	1154	2233	NA	NA
Intel Pentium T4200 @ 2.00GHz	1152	2234	96.02	\$12.00*

 CPU Benchmarks

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon 64 X2 Dual Core 4400+</u>				
<u>Intel Core2 Duo T5870 @ 2.00GHz</u>	1149	2235	NA	NA
<u>Intel Pentium 977 @ 1.40GHz</u>	1148	2237	NA	NA
<u>Intel Celeron 857 @ 1.20GHz</u>	1146	2238	NA	NA
<u>AMD Athlon 64 X2 Dual Core 4400+</u>	1145	2239	19.09	\$60.00
<u>AMD Athlon II Dual-Core M320</u>	1141	2241	38.05	\$30.00*
<u>AMD Turion 64 X2 Mobile TL-66</u>	1141	2240	3.02	\$378.00*
<u>AMD E2-3000 APU</u>	1140	2242	NA	NA
<u>Intel Pentium 967 @ 1.30GHz</u>	1139	2243	NA	NA
<u>Intel Core2 Duo U9600 @ 1.60GHz</u>	1129	2244	NA	NA
<u>AMD Turion X2 Dual-Core Mobile RM-75</u>	1120	2245	NA	NA
<u>Intel Celeron P4500 @ 1.87GHz</u>	1116	2247	NA	NA
<u>Intel Core2 Duo L7800 @ 2.00GHz</u>	1116	2246	NA	NA
<u>Intel Pentium T3400 @ 2.16GHz</u>	1115	2248	12.40	\$89.95*
<u>Intel Core2 Duo T5800 @ 2.00GHz</u>	1114	2250	NA	NA
<u>Intel Core2 Duo T7250 @ 2.00GHz</u>	1114	2249	5.53	\$201.48*
<u>Intel Celeron N3350 @ 1.10GHz</u>	1113	2251	NA	NA
<u>AMD Athlon II Dual-Core M300</u>	1112	2252	NA	NA
<u>Intel Celeron 2961Y @ 1.10GHz</u>	1110	2253	NA	NA
<u>AMD Athlon X2 Dual Core BE-2350</u>	1109	2254	NA	NA
<u>AMD Athlon Dual Core 4450e</u>	1108	2255	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon64 X2 Dual Core 4600+</u>	1108	2257	NA	NA
<u>Intel Core2 Duo E6300 @ 1.86GHz</u>	1108	2256	85.33	\$12.99*
<u>AMD Athlon II X2 260u</u>	1107	2258	13.28	\$83.44*
<u>AMD GX-217GA SOC</u>	1107	2259	NA	NA
<u>AMD Athlon 64 X2 Dual Core 4200+</u>	1097	2260	5.36	\$204.95
<u>AMD Opteron 170</u>	1097	2261	NA	NA
<u>AMD Athlon 64 X2 Dual Core BE-230</u>	1095	2263	NA	NA
<u>Intel Pentium 957 @ 1.20GHz</u>	1095	2262	8.18	\$134.00*
<u>Intel Core2 Duo T5750 @ 2.00GHz</u>	1094	2264	109.51	\$9.99*
<u>AMD E2-3000M APU</u>	1092	2265	54.62	\$20.00*
<u>AMD Turion 64 X2 Mobile TL-62</u>	1092	2266	3.51	\$311.00*
<u>AMD Turion 64 X2 Mobile TL-64</u>	1090	2267	27.69	\$39.39*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron E1300 @ 1.60GHz	1086	2269	NA	NA
AMD Athlon Dual Core 4050e	1086	2269	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1085	2270	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1084	2271	4.84	\$224.26*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2273	NA	NA
Intel Xeon 5110 @ 1.60GHz	1084	2272	30.99	\$35.00*
AMD Athlon 64 X2 Dual Core BE-2300	1082	2274	NA	NA
AMD Sempron Dual Core 4900	1081	2275	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1080	2276	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2278	35.98	\$30.00*
Intel Core i5-470UM @ 1.33GHz	1079	2277	NA	NA
Intel Core i3-330UM @ 1.20GHz	1075	2279	NA	NA
Intel Atom Z3740 @ 1.33GHz	1068	2280	NA	NA
Intel Celeron G465 @ 1.90GHz	1064	2281	10.64	\$100.00*
AMD Turion X2 Dual-Core Mobile RM-74	1062	2283	43.40	\$24.47*
Intel Pentium 2129Y @ 1.10GHz	1062	2282	7.93	\$134.00*
AMD Turion X2 Dual Core Mobile RM-76	1059	2284	NA	NA
Intel Celeron T1700 @ 1.83GHz	1058	2285	35.29	\$29.99*
AMD Athlon II Dual-Core M340	1056	2286	NA	NA
Intel Celeron E1400 @ 2.00GHz	1053	2287	15.05	\$69.99
Intel Core2 Duo E4300 @ 1.80GHz	1051	2288	6.58	\$159.95*
AMD Athlon 64 X2 QL-65	1050	2289	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1045	2290	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2291	NA	NA
Intel Xeon 3.73GHz	1041	2292	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1039	2293	NA	NA
Intel Celeron J1750 @ 2.41GHz	1037	2294	NA	NA
Intel Celeron G460 @ 1.80GHz	1035	2295	15.93	\$65.00
Intel Pentium T3200 @ 2.00GHz	1031	2296	85.96	\$12.00*
Intel Atom x5-Z8330 @ 1.44GHz	1029	2297	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2298	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2299	NA	NA
Intel 1500 @ 2.00GHz	1024	2300	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2301	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 Turion Neo X2 Dual Core 6850e</u>	---	---	<u>NA</u>	<u>NA</u>
<u>ZM-80</u>				
<u>Intel Celeron 847E @ 1.10GHz</u>	1021	2304	NA	NA
<u>Intel Core2 Duo P7700 @ 1.80GHz</u>	1021	2303	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core2 Duo T7100 @ 1.80GHz</u>	1020	2305	<u>46.43</u>	<u>\$21.99*</u>
<u>AMD E1-7010 APU</u>	1018	2306	NA	NA
<u>Intel Atom Z3745D @ 1.33GHz</u>	1018	2307	NA	NA
<u>Intel Celeron J1800 @ 2.41GHz</u>	1017	2308	NA	NA
<u>AMD Turion Dual-Core RM-74</u>	1016	2309	NA	NA
<u>Intel Atom Z3740D @ 1.33GHz</u>	1011	2310	NA	NA
<u>AMD Athlon X2 Dual Core LS-5800</u>	1009	2311	NA	NA
<u>AMD Opteron 1212</u>	1009	2312	<u>3.48</u>	<u>\$290.00*</u>
<u>AMD Athlon 64 X2 QL-67</u>	1006	2313	NA	NA
<u>AMD Athlon 64 X2 QL-62</u>	1005	2314	NA	NA
<u>AMD Athlon II X2 250u</u>	1004	2315	<u>28.74</u>	<u>\$34.95*</u>
<u>AMD Turion Dual-Core RM-75</u>	1003	2316	<u>36.53</u>	<u>\$27.46*</u>
<u>AMD Athlon Neo X2 Dual Core 6850e</u>	1002	2318	NA	NA
<u>Intel Celeron N2840 @ 2.16GHz</u>	1002	2317	NA	NA
<u>AMD Athlon 64 X2 Dual Core 3800+</u>	999	2319	NA	NA
<u>AMD Athlon X2 Dual Core 6850e</u>	998	2321	NA	NA
<u>AMD Turion 64 X2 Mobile TL-60</u>	998	2320	<u>62.61</u>	<u>\$15.95*</u>
<u>Intel Pentium E2160 @ 1.80GHz</u>	998	2322	<u>64.36</u>	<u>\$15.51</u>
<u>AMD TurionX2 Dual Core Mobile RM-70</u>	997	2323	NA	NA
<u>AMD Sempron Dual Core 2200</u>	995	2324	NA	NA
<u>AMD Athlon 64 X2 Dual Core 3400+</u>	994	2325	NA	NA
<u>AMD Turion X2 Dual-Core Mobile RM-70</u>	994	2328	NA	NA
<u>Intel Celeron P4505 @ 1.87GHz</u>	994	2326	NA	NA
<u>Intel Core2 Duo T5670 @ 1.80GHz</u>	994	2327	NA	NA
<u>AMD Athlon 64 X2 QL-64</u>	989	2329	NA	NA
<u>AMD Athlon 64 X2 TK-57</u>	988	2330	NA	NA
<u>Intel Celeron N3060 @ 1.60GHz</u>	983	2331	NA	NA
<u>AMD Sempron Dual Core 2300</u>	982	2332	<u>23.39</u>	<u>\$41.99*</u>
<u>Intel 1400 @ 1.83GHz</u>	980	2333	NA	NA
<u>Intel Celeron N3010 @ 1.04GHz</u>	978	2334	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 T2410 @ 2.00GHz	977	2336	NA	NA
Intel Celeron J3060 @ 1.60GHz	975	2337	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2338	NA	NA
AMD Athlon 64 X2 Dual Core TK-57	971	2340	NA	NA
AMD Opteron 1210 HE	971	2339	NA	NA
Athlon Dual Core 4050e	968	2341	NA	NA
Intel Celeron @ 1.30GHz	965	2342	NA	NA
Intel Celeron N2830 @ 2.16GHz	965	2343	NA	NA
AMD Opteron 256	963	2344	50.72	\$19.00*
AMD Opteron 265	963	2345	13.20	\$73.00
AMD Athlon 64 X2 Dual Core 3600+	962	2346	16.03	\$60.00
Intel Atom C2358 @ 1.74GHz	961	2349	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	961	2348	NA	NA
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2347	NA	NA
AMD E1 Micro-6200T APU	960	2350	NA	NA
Intel T2050 @ 2.00GHz	959	2351	NA	NA
AMD Athlon 64 X2 3800+	958	2352	NA	NA
AMD Athlon 64 X2 TK-55	955	2353	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1019Y @ 1.00GHz	954	2354	NA	NA
Intel T1500 @ 1.86GHz	953	2355	NA	NA
AMD Sempron 2650 APU	951	2356	14.65	\$64.95
Intel Pentium U5600 @ 1.33GHz	951	2357	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2358	47.54	\$19.99*
AMD Sempron Dual Core 4700	948	2359	NA	NA
Intel Atom Z3735E @ 1.33GHz	948	2360	8.10	\$117.00*
AMD Athlon 64 X2 QL-66	947	2361	NA	NA
AMD Turion 64 X2 Mobile TL-58	947	2363	NA	NA
Intel Pentium T2390 @ 1.86GHz	947	2362	NA	NA
Intel Core2 Duo P7500 @ 1.60GHz	945	2364	NA	NA
Intel Core Duo T2600 @ 2.16GHz	944	2365	NA	NA
Intel Atom Z3735D @ 1.33GHz	937	2367	NA	NA
Intel Celeron N2820 @ 2.13GHz	937	2366	8.53	\$109.99

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Celeron Dual-Core E100</u>	---	---	<u>1.13</u>	<u>\$335.00</u>
<u>Intel Celeron 847 @ 1.10GHz</u>	935	2369	<u>2.97</u>	<u>\$315.00*</u>
<u>Intel Core2 Duo T5300 @ 1.73GHz</u>	933	2370	NA	NA
<u>AMD Turion II Neo N40L Dual-Core</u>	930	2371	NA	NA
<u>Intel T1400 @ 1.73GHz</u>	929	2372	NA	NA
<u>AMD Athlon 64 X2 QL-60</u>	925	2373	NA	NA
<u>Intel Core2 Duo SU9400 @ 1.40GHz</u>	925	2374	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-57</u>	924	2375	NA	NA
<u>AMD Opteron 1210</u>	923	2376	<u>14.21</u>	<u>\$65.00</u>
<u>AMD Turion X2 Dual Core L510</u>	923	2377	NA	NA
<u>Intel Core2 Duo T5500 @ 1.66GHz</u>	923	2378	NA	NA
<u>AMD Athlon X2 Dual Core BE-2300</u>	920	2379	NA	NA
<u>Intel Atom S1260 @ 2.00GHz</u>	916	2380	<u>14.32</u>	<u>\$64.00*</u>
<u>Intel Atom Z3735F @ 1.33GHz</u>	914	2381	<u>5.04</u>	<u>\$181.30*</u>
<u>Intel Core2 Duo T5450 @ 1.66GHz</u>	913	2382	NA	NA
<u>AMD Turion Dual-Core RM-70</u>	912	2384	<u>36.49</u>	<u>\$25.00*</u>
<u>Intel Atom Z3736F @ 1.33GHz</u>	912	2383	NA	NA
<u>Intel Pentium Extreme Edition 955 @ 3.46GHz</u>	912	2385	<u>1.20</u>	<u>\$759.00*</u>
<u>Intel Core2 Duo T5470 @ 1.60GHz</u>	908	2386	NA	NA
<u>Intel Celeron N2808 @ 1.58GHz</u>	907	2387	NA	NA
<u>Intel Atom Z3735G @ 1.33GHz</u>	906	2388	NA	NA
<u>AMD E1-6015 APU</u>	900	2389	NA	NA
<u>AMD Opteron 165</u>	899	2391	<u>1.63</u>	<u>\$550.00</u>
<u>Intel Celeron N3000 @ 1.04GHz</u>	899	2390	NA	NA
<u>Intel Atom C2338 @ 1.74GHz</u>	898	2392	NA	NA
<u>AMD E1-2500 APU</u>	896	2393	NA	NA
<u>AMD Turion 64 X2 Mobile TL-56</u>	891	2394	<u>63.89</u>	<u>\$13.95*</u>
<u>Intel Celeron N3050 @ 1.60GHz</u>	880	2395	<u>5.68</u>	<u>\$154.99</u>
<u>AMD Athlon 64 X2 Dual-Core TK-42</u>	877	2396	NA	NA
<u>Intel Pentium E2140 @ 1.60GHz</u>	871	2397	<u>18.83</u>	<u>\$46.25</u>
<u>AMD Athlon 64 X2 Dual-Core TK-55</u>	870	2398	<u>11.97</u>	<u>\$72.74*</u>
<u>AMD E1-6010 APU</u>	869	2399	NA	NA
<u>Intel Core2 Duo U7300 @ 1.30GHz</u>	868	2400	NA	NA
<u>Intel Core Duo T2500 @ 2.00GHz</u>	863	2401	<u>7.19</u>	<u>\$119.99*</u>

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Celeron E1200 @ 1.60GHz</u>	860	2403	21.52	\$39.99*
<u>AMD Turion Dual-Core RM-72</u>	860	2404	8.60	\$99.99
<u>AMD Turion X2 Dual Core Mobile RM-70</u>	858	2405	6.48	\$132.56*
<u>Intel 1300 @ 1.66GHz</u>	857	2406	NA	NA
<u>AMD Athlon II Neo K345 Dual-Core</u>	856	2407	NA	NA
<u>Intel Celeron N2815 @ 1.86GHz</u>	856	2408	NA	NA
<u>Intel Core2 Duo U9300 @ 1.20GHz</u>	855	2409	NA	NA
<u>Intel Pentium SU4100 @ 1.30GHz</u>	853	2410	NA	NA
<u>Intel Atom E3827 @ 1.74GHz</u>	849	2411	NA	NA
<u>Intel Pentium T2370 @ 1.73GHz</u>	849	2412	24.26	\$35.00*
<u>Intel Core2 Duo L7400 @ 1.50GHz</u>	846	2413	NA	NA
<u>Intel Atom D2700 @ 2.13GHz</u>	842	2415	NA	NA
<u>Intel Pentium T1080 @ 1.73GHz</u>	842	2414	NA	NA
<u>AMD Athlon 64 X2 Dual Core TK-53</u>	839	2416	28.02	\$29.97*
<u>AMD Athlon 64 X2 Dual Core TK-55</u>	839	2418	14.53	\$57.74*
<u>Intel Core2 Duo T5250 @ 1.50GHz</u>	839	2417	NA	NA
<u>Intel Core2 Duo T5200 @ 1.60GHz</u>	833	2419	NA	NA
<u>AMD Athlon Neo X2 Dual Core L335</u>	828	2420	NA	NA
<u>Intel Pentium T2330 @ 1.60GHz</u>	827	2421	NA	NA
<u>AMD E2-2000 APU</u>	825	2422	NA	NA
<u>Intel Core Duo T2450 @ 2.00GHz</u>	825	2423	NA	NA
<u>Intel Core2 Duo L7300 @ 1.40GHz</u>	825	2424	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-53</u>	820	2425	NA	NA
<u>AMD E2-1800 APU</u>	814	2426	NA	NA
<u>Intel Celeron B720 @ 1.70GHz</u>	814	2428	NA	NA
<u>Intel Pentium U5400 @ 1.20GHz</u>	814	2427	NA	NA
<u>AMD Turion Neo X2 Dual Core L625</u>	813	2430	NA	NA
<u>Intel Core2 Duo T5270 @ 1.40GHz</u>	813	2429	NA	NA
<u>Intel Atom x5-E3930 @ 1.30GHz</u>	811	2431	NA	NA
<u>Intel Pentium D 960 @ 3.60GHz</u>	811	2432	NA	NA
<u>Intel Celeron U3600 @ 1.20GHz</u>	809	2433	NA	NA
<u>AMD Sempron 145</u>	807	2434	8.51	\$94.92

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z8700 @ 1.6GHz	802	2436	NA	NA
AMD G-T56N	796	2437	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2438	NA	NA
AMD Athlon 64 FX-25	794	2439	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2440	49.63	\$16.00*
Intel Celeron N2810 @ 2.00GHz	788	2441	5.64	\$139.99*
AMD Athlon X2 Dual Core 3250e	778	2442	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2443	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2444	29.84	\$25.99*
Intel Celeron SU2300 @ 1.20GHz	771	2445	NA	NA
AMD E1-2200 APU	767	2446	NA	NA
AMD E-450 APU	765	2447	NA	NA
AMD Turion 64 X2 Mobile TL-52	763	2448	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2449	NA	NA
AMD Opteron 252	760	2451	12.00	\$63.36*
Intel Core2 Duo L7100 @ 1.20GHz	760	2450	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E-350 APU	759	2452	NA	NA
AMD Sempron LE-1640	759	2453	NA	NA
Intel Core Duo T2250 @ 1.73GHz	755	2454	NA	NA
AMD G-T56E	751	2455	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2456	NA	NA
AMD Sempron 150	747	2457	16.64	\$44.95*
AMD Turion 64 X2 Mobile TL-50	747	2459	14.95	\$49.99*
Intel Core Duo L2500 @ 1.83GHz	747	2458	NA	NA
AMD E-350	745	2460	NA	NA
AMD GX-212JC SOC	744	2461	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2462	NA	NA
AMD Sempron 140	739	2463	18.69	\$39.59*
Intel Pentium T2310 @ 1.46GHz	735	2464	NA	NA
AMD Athlon 64 FX-57	730	2465	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2466	NA	NA
AMD E-350D APU	726	2467	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 64 FX-59	715	2472	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2468	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2470	NA	NA
Intel Core Duo L2300 @ 1.50GHz	719	2471	NA	NA
AMD Athlon 64 FX-59	715	2472	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2473	NA	NA
Intel Pentium D 940 @ 3.20GHz	709	2474	NA	NA
Intel Pentium T2130 @ 1.86GHz	706	2475	NA	NA
Intel Atom D525 @ 1.80GHz	705	2477	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2479	NA	NA
Intel Pentium 5 2.66GHz	705	2476	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2478	4.41	\$159.95*
AMD Opteron 154	703	2480	NA	NA
AMD Sempron 130	700	2481	28.03	\$24.99*
Intel Core2 Duo U7700 @ 1.33GHz	700	2482	NA	NA
Intel Celeron G440 @ 1.60GHz	694	2483	13.90	\$49.99*
AMD Opteron 254	693	2484	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2485	NA	NA
AMD E1-1500 APU	689	2487	NA	NA
Intel Celeron 925 @ 2.30GHz	689	2486	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2488	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2489	NA	NA
Intel Atom D2550 @ 1.86GHz	683	2491	NA	NA
Intel Xeon MV 3.20GHz	683	2490	NA	NA
AMD Athlon LE-1660	679	2492	NA	NA
AMD V160	677	2493	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2494	23.34	\$28.99
AMD Athlon 1640B	670	2495	13.42	\$50.00*
Intel Core2 Duo U7600 @ 1.20GHz	669	2496	NA	NA
AMD G-T48E	667	2497	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2498	NA	NA
AMD Opteron 152	658	2499	NA	NA
Intel Atom D510 @ 1.66GHz	658	2501	6.78	\$97.16*
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)
AMD E1-1200 APU	654	2502	NA	NA
AMD Opteron 250	649	2503	59.01	\$11.00*
AMD Athlon 64 FX-53	646	2504	21.57	\$29.99*
AMD Athlon X2 Dual Core L310	645	2505	NA	NA
VIA Nano L3600@2000MHz	645	2506	NA	NA
AMD V140	643	2508	12.89	\$49.95*
Intel Core 330 @ 1.60GHz	643	2507	NA	NA
AMD E1-2100 APU	642	2510	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2509	NA	NA
AMD Sempron LE-1620	635	2511	NA	NA
AMD A4-1200 APU	632	2512	NA	NA
AMD Opteron 246	632	2513	31.62	\$19.99*
AMD Athlon II 170u	626	2516	20.92	\$29.95*
AMD Athlon LE-1640	626	2515	NA	NA
Intel Celeron 450 @ 2.20GHz	626	2514	20.90	\$29.99*
Intel Atom N2800 @ 1.86GHz	625	2517	NA	NA
AMD V120	623	2518	NA	NA
AMD A4-1250 APU	622	2519	NA	NA
AMD Turion 64 Mobile ML-42	615	2520	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2521	NA	NA
AMD E-300 APU	609	2522	NA	NA
AMD Athlon 64 4000+	608	2523	3.32	\$183.27*
VIA Nano X2 U4025 @ 1.2 GHz	605	2524	NA	NA
AMD Opteron 150	604	2525	NA	NA
Intel Xeon 3.80GHz	604	2526	0.71	\$851.00*
AMD Opteron 148	603	2527	NA	NA
AMD Athlon 64 3600+	601	2528	NA	NA
AMD Athlon 64 3700+	598	2529	8.67	\$69.00*
AMD Sempron LE-1300	595	2530	28.37	\$21.00
AMD Turion 64 Mobile ML-44	591	2531	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2532	NA	NA
AMD Athlon 64 3800+	589	2533	3.28	\$179.95*
Intel Core2 Duo Q6867 @ 3.00GHz	589	2534	NA	NA
Intel Atom 330 @ 1.60GHz	586	2535	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Celeron E 700 @ 1.80GHz</u>	---	---	---	---
<u>Intel Pentium D 915 @ 2.80GHz</u>	584	2537	NA	NA
<u>AMD Sempron M120</u>	582	2538	NA	NA
<u>VIA Nano L3050@1800MHz</u>	581	2539	NA	NA
<u>Intel Atom E3825 @ 1.33GHz</u>	579	2540	8.24	\$70.32*
<u>AMD Athlon LE-1620</u>	578	2541	32.12	\$18.00*
<u>AMD Athlon 64 3300+</u>	576	2543	NA	NA
<u>Mobile AMD Athlon 64 4000+</u>	576	2542	NA	NA
<u>AMD Athlon 64 2200+</u>	575	2544	NA	NA
<u>Intel Atom N570 @ 1.66GHz</u>	574	2545	6.68	\$86.00*
<u>Mobile AMD Athlon XP</u>	572	2546	45.81	\$12.49
<u>AMD Athlon XP 3400+</u>	570	2547	NA	NA
<u>Intel Atom Z2760 @ 1.80GHz</u>	568	2548	NA	NA
<u>AMD Sempron M100</u>	566	2549	47.17	\$12.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon II 160u</u>	563	2550	18.78	\$29.99*
<u>AMD C-70 APU</u>	558	2551	NA	NA
<u>AMD Athlon LE-1600</u>	557	2552	26.57	\$21.00*
<u>AMD Sempron 3800+</u>	554	2553	3.62	\$152.92*
<u>AMD Athlon 64 3400+</u>	545	2554	NA	NA
<u>AMD C-60 APU</u>	545	2555	NA	NA
<u>Intel Celeron 440 @ 2.00GHz</u>	544	2556	24.38	\$22.33
<u>Intel Core Duo U2400 @ 1.06GHz</u>	544	2557	NA	NA
<u>AMD Sempron LE-1250</u>	543	2558	5.44	\$99.95*
<u>Intel Celeron M 540 @ 1.86GHz</u>	542	2559	NA	NA
<u>AMD Athlon 64 3500+</u>	541	2560	4.97	\$108.95
<u>AMD Athlon XP-M</u>	541	2561	15.48	\$34.95*
<u>AMD Turion 64 Mobile MT-40</u>	536	2562	NA	NA
<u>AMD Sempron LE-1600</u>	535	2563	NA	NA
<u>AMD Opteron 146</u>	532	2564	8.87	\$59.99*
<u>AMD Sempron LE-1200</u>	531	2566	NA	NA
<u>Intel Celeron 560 @ 2.13GHz</u>	531	2565	6.65	\$79.95
<u>Intel Pentium D 805 @ 2.66GHz</u>	529	2567	NA	NA
<u>Intel Atom N2600 @ 1.60GHz</u>	527	2568	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Z-01	525	2570	NA	NA
Intel 2.80GHz	524	2571	6.10	\$86.00*
AMD Z-01	523	2572	NA	NA
AMD Turion 64 Mobile ML-40	522	2573	NA	NA
Intel Celeron 540 @ 1.86GHz	521	2574	NA	NA
Intel Celeron 550 @ 2.00GHz	519	2575	7.99	\$64.95*
Intel Celeron 570 @ 2.26GHz	517	2576	NA	NA
VIA Nano L3025@1600MHz	517	2577	NA	NA
AMD G-T40N	516	2578	NA	NA
AMD Turion 64 Mobile MK-38	513	2579	NA	NA
Mobile AMD Athlon XP-M	512	2580	NA	NA
Mobile AMD Athlon 64 3400+	511	2581	NA	NA
Intel Pentium M 2.26GHz	509	2583	NA	NA
Intel Xeon 3.60GHz	509	2582	0.60	\$851.00*
Mobile AMD Athlon XP-M (LV)	508	2584	NA	NA
Intel Core Duo U2500 @ 1.20GHz	507	2585	NA	NA
AMD Athlon 2850e	506	2586	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2587	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2588	NA	NA
AMD Z-60 APU	500	2589	NA	NA
Intel Pentium M 2.13GHz	499	2591	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	499	2590	NA	NA
AMD Athlon MP 2800+	497	2592	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2593	NA	NA
AMD Athlon 64 3200+	492	2594	3.29	\$149.95*
Intel Xeon 3.06GHz	491	2595	NA	NA
AMD Sempron LE-250	490	2596	NA	NA
Intel Atom E3826 @ 1.46GHz	489	2597	NA	NA
Intel Celeron 430 @ 1.80GHz	487	2598	10.33	\$47.18
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M 3200+	487	2599	NA	NA
AMD Opteron 144	486	2601	7.48	\$65.00*
Intel Pentium 4 3.60GHz	486	2602	NA	NA

 CPU Benchmarks

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 3.00GHz	485	2605	NA	NA
AMD Athlon 3100+	485	2605	NA	NA
Intel Pentium 4 3.80GHz	485	2603	NA	NA
Mobile AMD Sempron 3800+	485	2604	NA	NA
AMD Sempron 3300+	484	2607	8.07	\$60.00*
AMD Turion 64 Mobile MT-37	484	2606	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2608	NA	NA
AMD Sempron 3600+	483	2609	40.30	\$12.00*
Intel Celeron D 420 @ 1.60GHz	481	2610	NA	NA
Intel Xeon 3.40GHz	478	2611	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2612	NA	NA
AMD Athlon II Neo K125	477	2613	NA	NA
AMD Opteron 248	476	2614	4.77	\$99.95
Mobile AMD Athlon XP-M (LV) 2800+	475	2615	NA	NA
Intel Celeron 530 @ 1.73GHz	474	2616	20.62	\$22.99*
AMD Athlon QI-46	473	2617	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2618	NA	NA
AMD G-T40E	467	2619	NA	NA
AMD C-60	466	2620	NA	NA
AMD Turion 64 Mobile MK-36	465	2622	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	465	2621	NA	NA
AMD Athlon 64 3000+	464	2624	7.73	\$60.00
AMD Athlon XP 2300+	464	2623	NA	NA
AMD Athlon 2400+	462	2627	NA	NA
AMD C-50	462	2626	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2625	NA	NA
Intel Pentium M 2.00GHz	461	2628	NA	NA
Intel Xeon 3.20GHz	461	2629	NA	NA
Intel Celeron N2805 @ 1.46GHz	460	2630	NA	NA
AMD Athlon 3200+	458	2631	7.63	\$60.00*
Intel Celeron M 723 @ 1.20GHz	457	2633	NA	NA
VIA Nano L1900@1400MHz	457	2632	NA	NA
AMD Sempron SI-42	456	2634	15.22	\$30.01*
AMD Sempron 3400+	454	2635	15.21	\$29.89
Intel Pentium 4 3.46GHz	454	2636	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 Sempron 6100</u>	451	2638	<u>11.29</u>	<u>\$39.99*</u>
<u>Intel Celeron 420 @ 1.60GHz</u>	451	2638	<u>11.29</u>	<u>\$39.99*</u>
<u>Intel Celeron M 450 @ 2.00GHz</u>	450	2640	NA	NA
<u>Mobile AMD Athlon 64 3000+</u>	450	2639	NA	NA
<u>Intel Pentium M 2.10GHz</u>	448	2641	NA	NA
<u>Mobile AMD Athlon 64 3200+</u>	448	2642	NA	NA
<u>AMD Athlon 2800+</u>	447	2643	<u>3.20</u>	<u>\$139.95*</u>
<u>AMD Sempron SI-40</u>	447	2644	<u>37.27</u>	<u>\$12.00*</u>
<u>AMD Turion 64 Mobile ML-37</u>	446	2645	<u>2.27</u>	<u>\$196.50*</u>
<u>Mobile AMD Sempron 3300+</u>	446	2646	NA	NA
<u>AMD Athlon 2600+</u>	444	2648	<u>4.23</u>	<u>\$104.95*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Sempron LE-1150</u>	444	2647	NA	NA
<u>Mobile AMD Sempron 3400+</u>	441	2649	NA	NA
<u>Mobile AMD Athlon 64 2800+</u>	440	2650	NA	NA
<u>Mobile AMD Athlon XP-M 3100+</u>	440	2651	NA	NA
<u>Mobile Intel Pentium 4 3.33GHz</u>	439	2652	NA	NA
<u>AMD Athlon 64 2800+</u>	438	2654	<u>4.38</u>	<u>\$99.99*</u>
<u>Intel Pentium M 1.86GHz</u>	438	2653	NA	NA
<u>AMD Athlon 64 FX-51</u>	437	2656	NA	NA
<u>AMD Sempron LE-1100</u>	437	2655	NA	NA
<u>AMD Athlon MP 2400+</u>	436	2657	NA	NA
<u>Intel T1200 @ 1.50GHz</u>	435	2659	NA	NA
<u>Intel Xeon 2.66GHz</u>	435	2658	NA	NA
<u>Mobile AMD Athlon 64 3700+</u>	435	2660	NA	NA
<u>AMD Athlon XP 3100+</u>	433	2661	NA	NA
<u>AMD Athlon XP 3200+</u>	432	2662	NA	NA
<u>Intel Celeron M 520 @ 1.60GHz</u>	431	2663	NA	NA
<u>AMD Turion 64 Mobile MT-34</u>	429	2664	NA	NA
<u>AMD Opteron 142</u>	428	2666	NA	NA
<u>VIA Nano L2100@1800MHz</u>	428	2665	NA	NA
<u>Mobile AMD Sempron 3600+</u>	427	2667	NA	NA
<u>AMD Turion 64 Mobile MT-32</u>	426	2668	NA	NA
<u>AMD Turion 64 Mobile ML-34</u>	425	2669	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon XP 2800+</u>	400	2697	NA	NA
<u>Intel Celeron 743 @ 1.30GHz</u>	421	2671	NA	NA
<u>AMD Turion 64 Mobile MT-28</u>	419	2672	NA	NA
<u>Mobile AMD Sempron 3100+</u>	416	2673	NA	NA
<u>Intel Core2 Solo U3300 @ 1.20GHz</u>	415	2675	NA	NA
<u>VIA Nano U2250 (1.6GHz Capable)</u>	415	2674	NA	NA
<u>AMD Athlon TF-20</u>	413	2676	NA	NA
<u>AMD Athlon 2100+</u>	412	2677	NA	NA
<u>Intel Pentium M 1.73GHz</u>	412	2678	NA	NA
<u>Intel Pentium M 1.80GHz</u>	411	2679	NA	NA
<u>AMD Athlon Neo MV-40</u>	410	2680	NA	NA
<u>VIA Nano U3300@1200MHz</u>	409	2681	NA	NA
<u>AMD Sempron 3000+</u>	408	2683	8.17	\$49.95
<u>Mobile AMD Sempron 3500+</u>	408	2682	NA	NA
<u>AMD Athlon 2650e</u>	407	2684	21.47	\$19.00*
<u>AMD Sempron 3200+</u>	406	2685	3.10	\$131.22*
<u>Intel Pentium M 1.70GHz</u>	406	2686	NA	NA
<u>Intel Pentium SU2700 @ 1.30GHz</u>	405	2687	NA	NA
<u>Intel Celeron D 365 @ 3.60GHz</u>	404	2688	4.50	\$89.95*
<u>AMD K7</u>	403	2690	NA	NA
<u>AMD-K7</u>	403	2691	NA	NA
<u>Intel Atom D2500 @ 1.86GHz</u>	403	2689	NA	NA
<u>AMD Athlon XP 3000+</u>	402	2693	5.06	\$79.70*
<u>AMD Turion 64 Mobile ML-30</u>	402	2694	NA	NA
<u>AMD Turion 64 Mobile ML-32</u>	402	2692	NA	NA
<u>AMD Athlon XP2200+</u>	401	2695	NA	NA
<u>AMD GX-210JA SOC</u>	401	2696	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon XP 2800+</u>	400	2697	NA	NA
<u>Intel Xeon 2.80GHz</u>	400	2698	NA	NA
<u>Mobile AMD Athlon 64 2700+</u>	398	2699	NA	NA
<u>AMD Opteron 140</u>	396	2701	0.62	\$640.00
<u>Intel Core Solo T1350 @ 1.86GHz</u>	396	2700	NA	NA
<u>AMD Athlon TF-36</u>	395	2703	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Celeron M 1.70GHz</u>	394	2705	NA	NA
<u>Mobile AMD Sempron 2600+</u>	394	2704	NA	NA
<u>VIA Esther 2000MHz</u>	394	2704	NA	NA
<u>AMD Athlon XP 2700+</u>	393	2706	4.64	\$84.79*
<u>Intel Celeron M 1.70GHz</u>	393	2708	NA	NA
<u>Intel Core Solo T1300 @ 1.66GHz</u>	393	2707	NA	NA
<u>AMD Sempron 2100+</u>	392	2710	NA	NA
<u>Intel Celeron M 440 @ 1.86GHz</u>	392	2709	NA	NA
<u>AMD Sempron 210U</u>	391	2712	NA	NA
<u>Intel Xeon 3.00GHz</u>	391	2711	NA	NA
<u>AMD Athlon 2000+</u>	390	2715	NA	NA
<u>AMD Turion 64 Mobile ML-28</u>	390	2714	NA	NA
<u>Intel Celeron 723 @ 1.20GHz</u>	390	2713	NA	NA
<u>Mobile AMD Sempron 3000+</u>	389	2716	NA	NA
<u>AMD Sempron 2800+</u>	383	2717	6.40	\$59.95
<u>Intel Atom Z550 @ 2.00GHz</u>	381	2718	NA	NA
<u>AMD Athlon 64 FX-34</u>	380	2719	NA	NA
<u>AMD Sempron 3500+</u>	379	2720	18.98	\$20.00*
<u>AMD Turion 64 Mobile MT-30</u>	378	2721	NA	NA
<u>Mobile AMD Athlon MP-M 2000+</u>	378	2722	NA	NA
<u>Intel Pentium M 1700MHz</u>	376	2723	NA	NA
<u>AMD Athlon 2500+</u>	374	2724	2.04	\$183.99*
<u>AMD Athlon 64 2600+</u>	374	2726	NA	NA
<u>AMD Athlon XP2400+</u>	374	2725	NA	NA
<u>AMD Sempron 2600+</u>	374	2727	10.71	\$34.95
<u>Intel Pentium 4 3.20GHz</u>	373	2728	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 2200+</u>	373	2729	NA	NA
<u>AMD Athlon XP 2600+</u>	372	2730	16.18	\$23.03*
<u>Mobile AMD Athlon 2500+</u>	370	2732	NA	NA
<u>Mobile AMD Athlon XP-M 2600+</u>	370	2731	NA	NA
<u>Intel Celeron 807UE @ 1.00GHz</u>	369	2734	NA	NA
<u>VIA Nano L2007@1600MHz</u>	369	2733	NA	NA
<u>Intel Celeron M 430 @ 1.73GHz</u>	368	2736	NA	NA
<u>VIA C7-D 2000MHz</u>	368	2735	NA	NA
<u>AMD Athlon XP Pro3+</u>	367	2737	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 M 1.60GHz	365	2740	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2739	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2739	NA	NA
Intel Pentium M 1.60GHz	364	2741	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2742	NA	NA
Mobile AMD Sempron 2800+	364	2743	NA	NA
AMD Athlon 2200+	363	2744	4.55	\$79.99*
Intel Celeron M 1.60GHz	362	2745	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2400+	360	2746	4.01	\$89.99*
Intel Core2 Solo U2100 @ 1.06GHz	359	2747	NA	NA
Mobile AMD Athlon 4 2400+	358	2748	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2749	NA	NA
AMD Athlon XP 2500+	355	2750	NA	NA
Intel Pentium M 1500MHz	354	2751	NA	NA
Mobile AMD Sempron 3200+	354	2752	NA	NA
AMD Athlon XP1900+	353	2753	NA	NA
Intel Pentium 4 3.00GHz	353	2754	NA	NA
VIA Eden C1050@1.06GHz	352	2755	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2756	NA	NA
Intel Pentium 4 3.06GHz	347	2757	NA	NA
Intel Atom E680 @ 1.60GHz	346	2759	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2760	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2758	NA	NA
Intel Atom D425 @ 1.80GHz	345	2762	0.35	\$992.98*
Intel Pentium M 1.40GHz	345	2761	NA	NA
AMD Athlon XP 1700	344	2763	NA	NA
Intel Celeron M 1.50GHz	343	2764	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2765	NA	NA
AMD Athlon MP 1700+	339	2766	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2768	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2767	NA	NA
AMD Sempron 2500+	335	2769	6.11	\$54.95*
Intel Pentium M 1600MHz	335	2771	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Mobile Intel Pentium 4 - M 2.60GHz</u>				
<u>Intel Celeron M 420 @ 1.60GHz</u>	334	2772	NA	NA
<u>Intel Celeron 3.33GHz</u>	333	2773	NA	NA
<u>Intel Celeron M 1500MHz</u>	333	2774	NA	NA
<u>Intel Atom N470 @ 1.83GHz</u>	332	2775	NA	NA
<u>Intel Atom E3815 @ 1.46GHz</u>	331	2776	1.58	\$209.99
<u>Intel Core Solo U1500 @ 1.33GHz</u>	330	2777	NA	NA
<u>AMD Athlon XP 2200+</u>	328	2779	3.87	\$84.95*
<u>Intel Celeron M 360 1.40GHz</u>	328	2778	NA	NA
<u>AMD Athlon XP 2100+</u>	323	2780	NA	NA
<u>Mobile AMD Athlon XP-M 1700+</u>	323	2781	NA	NA
<u>Intel Celeron 215 @ 1.33GHz</u>	322	2782	NA	NA
<u>Intel Pentium 4 2.80GHz</u>	322	2783	NA	NA
<u>Intel Celeron 220 @ 1.20GHz</u>	320	2784	NA	NA
<u>Intel Pentium M 1400MHz</u>	320	2785	NA	NA
<u>AMD E-240</u>	319	2786	NA	NA
<u>AMD Sempron 2300+</u>	318	2787	7.07	\$45.00*
<u>Intel Celeron M 1.30GHz</u>	316	2788	NA	NA
<u>Intel Celeron D 356 @ 3.33GHz</u>	315	2789	NA	NA
<u>Intel Celeron M 410 @ 1.46GHz</u>	315	2790	NA	NA
<u>Mobile Intel Pentium 4 2.80GHz</u>	315	2791	NA	NA
<u>AMD Sempron 2400+</u>	314	2794	12.10	\$26.00*
<u>Intel Atom N475 @ 1.83GHz</u>	314	2792	NA	NA
<u>Mobile AMD Athlon 4</u>	314	2793	3.62	\$86.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Mobile Intel Pentium 4 - M 2.60GHz</u>	313	2795	NA	NA
<u>AMD Athlon XP 1900+</u>	312	2796	NA	NA
<u>Intel Core2 Solo U2200 @ 1.20GHz</u>	311	2797	NA	NA
<u>AMD C-30</u>	310	2798	NA	NA
<u>Intel Pentium III 1266S @ 1266MHz</u>	309	2799	NA	NA
<u>AMD G-T52R</u>	308	2800	NA	NA
<u>Intel Atom 230 @ 1.60GHz</u>	307	2801	NA	NA
<u>VIA Nano U2500@1200MHz</u>	306	2802	NA	NA
<u>AMD Athlon L110</u>	303	2805	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Celeron M 1000MHz</u>	303	2803	NA	NA
<u>Intel Pentium M 1300MHz</u>	303	2803	NA	NA
<u>Intel Atom N2100 @ 1.60GHz</u>	302	2806	NA	NA
<u>Intel Celeron 1400MHz</u>	302	2807	NA	NA
<u>Intel Celeron D 352 @ 3.20GHz</u>	302	2808	NA	NA
<u>Intel Atom D410 @ 1.66GHz</u>	301	2810	0.47	\$635.99*
<u>Intel Pentium M 1.30GHz</u>	301	2809	NA	NA
<u>AMD Athlon XP 1800+</u>	300	2812	5.10	\$58.95*
<u>AMD Athlon XP 2000+</u>	300	2813	12.01	\$24.99*
<u>Mobile AMD Athlon XP-M 2000+</u>	300	2811	NA	NA
<u>AMD V105</u>	299	2814	NA	NA
<u>Intel Pentium III 1400S @ 1400MHz</u>	299	2815	NA	NA
<u>Intel Pentium M 1.20GHz</u>	298	2816	NA	NA
<u>Intel Pentium III 1400 @ 1400MHz</u>	297	2818	NA	NA
<u>Mobile AMD Athlon XP-M 1800+</u>	297	2817	NA	NA
<u>Intel Atom N450 @ 1.66GHz</u>	296	2820	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 1600+</u>	296	2821	NA	NA
<u>VIA Nano L2207@1600MHz</u>	296	2819	NA	NA
<u>Mobile AMD Athlon MP-M 2400+</u>	295	2822	NA	NA
<u>AMD Athlon 1500+</u>	294	2824	NA	NA
<u>Mobile Intel Celeron 1200MHz</u>	294	2823	NA	NA
<u>Intel Pentium 4 2.93GHz</u>	293	2825	NA	NA
<u>AMD Geode NX 1750</u>	291	2826	NA	NA
<u>Intel Celeron 1333MHz</u>	290	2827	NA	NA
<u>Mobile Intel Pentium III - M 1133MHz</u>	289	2828	NA	NA
<u>Mobile Intel Pentium III - M 1333MHz</u>	289	2829	NA	NA
<u>686 Gen</u>	288	2832	NA	NA
<u>AMD Athlon 7850 Dual-Core 2.8G</u>	288	2835	NA	NA
<u>Intel Celeron 1300MHz</u>	288	2833	NA	NA
<u>Intel Celeron 3.20GHz</u>	288	2831	NA	NA
<u>Intel Pentium 4 2.60GHz</u>	288	2834	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 1500+</u>	288	2830	NA	NA
<u>AMD Athlon XP2100+</u>	287	2837	NA	NA
<u>VIA C7-D 1500MHz</u>	287	2836	NA	NA
<u>Intel Celeron 3.06GHz</u>	284	2839	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 M 1000MHz	284	2840	NA	NA
VIA C7 1500MHz	284	2840	NA	NA
Intel Atom N455 @ 1.66GHz	283	2842	NA	NA
Intel Celeron 2.93GHz	283	2841	NA	NA
AMD Athlon XP 1500	282	2847	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2200+	282	2846	9.42	\$29.99*
Intel Atom N280 @ 1.66GHz	282	2843	NA	NA
Intel Celeron 1133MHz	282	2844	NA	NA
Intel Pentium M 1.10GHz	282	2845	NA	NA
AMD Athlon XP1600+	281	2848	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2850	NA	NA
Mobile Intel Celeron 2.50GHz	281	2849	NA	NA
Mobile Intel Celeron 1333MHz	280	2851	NA	NA
AMD Athlon 4	279	2852	4.00	\$69.99
Mobile Intel Pentium 4 2.66GHz	279	2853	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2855	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2854	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2856	6.38	\$43.56*
Intel Xeon 2.40GHz	276	2857	30.35	\$9.10*
Intel Celeron M 1200MHz	275	2858	NA	NA
VIA Nano U2250@1300+MHz	274	2859	NA	NA
VIA Nano U3500@1000MHz	272	2860	NA	NA
AMD Athlon XP 1700+	271	2862	4.43	\$61.25*
Intel Atom E660 @ 1.30GHz	271	2861	5.03	\$54.00*
Intel Celeron D 347 @ 3.06GHz	270	2863	NA	NA
Intel Core Solo U1300 @ 1.06GHz	270	2864	NA	NA
Intel Atom N270 @ 1.60GHz	269	2865	NA	NA
AMD Athlon XP 1600+	267	2867	NA	NA
AMD Sempron 200U	267	2866	3.08	\$87.00*
Mobile AMD Athlon 1400+	266	2868	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2869	NA	NA
AMD Geode NX	264	2870	NA	NA
Mobile Intel Pentium 4 2.40GHz	264	2871	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 Z670 @ 1.50GHz	243	2897	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2872	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2874	NA	NA
Intel Celeron 1066MHz	259	2875	NA	NA
Intel Pentium M 1100MHz	259	2876	NA	NA
AMD Athlon XP 1500+	257	2877	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2878	NA	NA
Intel Celeron 2.80GHz	254	2879	NA	NA
Intel Pentium 4 2.66GHz	254	2880	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2881	NA	NA
Intel XEON 2.20GHz	252	2882	NA	NA
Mobile AMD Sempron 2100+	252	2883	NA	NA
Intel Pentium III Mobile 1133MHz	251	2884	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2886	NA	NA
VIA Esther 1300MHz	250	2885	NA	NA
Intel Celeron 2.66GHz	249	2887	NA	NA
Intel Pentium 4 2.53GHz	248	2888	NA	NA
Intel Celeron 2.50GHz	247	2889	NA	NA
Intel Pentium III Mobile 1066MHz	246	2890	NA	NA
Intel Celeron 2.53GHz	245	2893	NA	NA
Intel Celeron 2.70GHz	245	2894	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.50GHz	245	2892	NA	NA
Intel Pentium III Mobile 1000MHz	245	2891	NA	NA
Intel Celeron 1200MHz	244	2896	NA	NA
Intel Celeron 2.10GHz	244	2895	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2897	NA	NA
Intel Pentium III Mobile 1200MHz	240	2898	NA	NA
Intel Celeron 2.60GHz	238	2899	NA	NA
Intel Pentium III 933S @ 933MHz	238	2900	NA	NA
Intel Pentium M 1200MHz	237	2901	NA	NA
Mobile Intel Celeron 2.40GHz	236	2902	NA	NA
Intel Pentium M 1000MHz	233	2904	NA	NA
Intel Xeon 2.00GHz	233	2903	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Mobile Intel Celeron 2.20GHz</u>	---	---	---	---
<u>AMD Athlon MP</u>	230	2906	18.46	\$12.49
<u>AMD G-T44R</u>	229	2907	NA	NA
<u>Intel Pentium 4 2.40GHz</u>	228	2908	NA	NA
<u>Intel Celeron 2.30GHz</u>	227	2909	NA	NA
<u>Mobile Intel Celeron 2.20GHz</u>	226	2910	NA	NA
<u>Mobile Intel Pentium III - M 1200MHz</u>	224	2911	NA	NA
<u>Intel Celeron 2.26GHz</u>	223	2912	NA	NA
<u>VIA C7-M 6300MHz</u>	222	2913	NA	NA
<u>Intel Pentium 4 2.26GHz</u>	221	2914	NA	NA
<u>Intel Atom Z515 @ 1.20GHz</u>	218	2916	NA	NA
<u>Intel Pentium III Mobile 933MHz</u>	218	2915	7.55	\$28.99
<u>Intel Atom Z520 @ 1.33GHz</u>	217	2917	NA	NA
<u>Intel Celeron 2.40GHz</u>	217	2918	NA	NA
<u>Intel Pentium M 900MHz</u>	217	2919	NA	NA
<u>Intel Celeron 1000MHz</u>	213	2921	NA	NA
<u>Intel Celeron 2.20GHz</u>	213	2922	NA	NA
<u>Mobile Intel Pentium 4 - M 2.40GHz</u>	213	2920	NA	NA
<u>Mobile Intel Pentium III - M 866MHz</u>	211	2923	NA	NA
<u>Intel Pentium 4 2.20GHz</u>	209	2925	NA	NA
<u>Intel Pentium 4 Mobile 1.90GHz</u>	209	2924	NA	NA
<u>Intel Celeron 2.13GHz</u>	208	2927	NA	NA
<u>Intel Pentium 4 Mobile 1.70GHz</u>	208	2926	NA	NA
<u>Intel Celeron M 1.00GHz</u>	207	2928	1.60	\$129.95
<u>Intel Celeron M 900MHz</u>	205	2929	NA	NA
<u>Mobile Intel Celeron 2.00GHz</u>	204	2930	NA	NA
<u>AMD G-T40R</u>	203	2932	NA	NA
<u>VIA C7-D 1800MHz</u>	203	2931	NA	NA
<u>Intel Pentium 4 Mobile 2.00GHz</u>	202	2933	NA	NA
<u>Mobile Intel Pentium 4 - M 2.00GHz</u>	202	2934	NA	NA
<u>Mobile Intel Pentium III - M 933MHz</u>	200	2935	NA	NA
<u>Mobile Intel Pentium 4 - M 2.20GHz</u>	198	2936	NA	NA
<u>Intel Pentium 4 Mobile 1.50GHz</u>	197	2937	NA	NA
<u>Intel Pentium 4 3.83GHz</u>	195	2938	NA	NA
<u>Mobile Intel Pentium 4 - M 1.60GHz</u>	195	2939	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 Z510 @ 1.10GHz	194	2941	4.33	\$45.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1600MHz	193	2943	0.30	\$647.45*
Intel Xeon 1500MHz	193	2942	NA	NA
Intel Pentium 4 2.00GHz	189	2944	NA	NA
Mobile Intel Celeron 1.50GHz	188	2945	NA	NA
Mobile Intel Celeron 1.60GHz	188	2946	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2947	NA	NA
Mobile Intel Celeron 1.80GHz	186	2948	NA	NA
Intel Celeron M ULV 800MHz	184	2951	NA	NA
Intel Pentium 4 4.00GHz	184	2949	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2950	NA	NA
Intel Celeron 2.00GHz	182	2953	NA	NA
Intel Pentium III Mobile 800MHz	182	2952	NA	NA
Mobile Intel Celeron 1.70GHz	181	2954	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2955	NA	NA
VIA C7-M 1600MHz	178	2956	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2958	NA	NA
Mobile Intel Pentium 4 - M 1.80GHz	175	2957	NA	NA
Intel Celeron 1100MHz	174	2959	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2960	1.10	\$157.81
Mobile Intel Celeron 1.20GHz	170	2961	NA	NA
Intel Pentium 4 1.40GHz	164	2962	NA	NA
VIA C7-M 1000MHz	164	2963	NA	NA
Intel Pentium 4 1800MHz	162	2964	NA	NA
Intel Pentium 4 1.80GHz	161	2965	NA	NA
Intel Pentium 4 1.90GHz	159	2966	NA	NA
VIA Eden 800MHz	155	2967	NA	NA
VIA Nehemiah	155	2968	NA	NA
Intel Pentium 4 1700MHz	154	2969	NA	NA
Intel Pentium III Mobile 866MHz	152	2970	NA	NA
Intel Celeron M 600MHz	151	2971	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2972	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Celeron 600MHz</u>	146	2974	NA	NA
<u>VIA Esther 1000MHz</u>	146	2974	NA	NA
<u>VIA Eden 1200MHz</u>	142	2975	NA	NA
<u>VIA C7-M 1200MHz</u>	140	2976	NA	NA
<u>Intel Celeron 1.80GHz</u>	136	2977	NA	NA
<u>Intel Pentium 4 1.70GHz</u>	132	2978	NA	NA
<u>Intel Pentium 4 1.50GHz</u>	131	2979	NA	NA
<u>Intel Celeron 1.70GHz</u>	130	2980	NA	NA
<u>Intel Pentium 4 1.60GHz</u>	129	2981	NA	NA
<u>Intel Pentium 4 1400MHz</u>	127	2982	NA	NA
<u>Intel Pentium 4 1500MHz</u>	125	2983	NA	NA
<u>VIA Eden 1000MHz</u>	123	2984	NA	NA
<u>Intel Pentium 4 1300MHz</u>	119	2985	NA	NA
<u>AMD Athlon 64 2000+</u>	116	2986	NA	NA
<u>AMD-K6-III</u>	108	2987	NA	NA
<u>Intel Pentium III Mobile 750MHz</u>	103	2988	NA	NA
<u>VIA C3 Ezra</u>	100	2989	NA	NA
<u>AMD-K6 3D</u>	90	2990	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>VIA Samuel 2</u>	79	2991	NA	NA

* - Last price seen from our affiliates.

Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>[3-Way] Intel Xeon X7460 @ 2.66GHz</u>	7672	334	3.61	\$2,126.85*
<u>[8-Way] Intel Xeon X7560 @ 2.27GHz</u>	17658	155	100.33	\$176.00*
<u>[Dual CPU] AMD Athlon 64 FX-72</u>	3163	440	NA	NA
<u>[Dual CPU] AMD Athlon 64 FX-74</u>	2945	446	2.95	\$999.00*
<u>[Dual CPU] AMD Athlon MP 2000+</u>	604	492	NA	NA
<u>[Dual CPU] AMD EPYC 7H12</u>	43958	5	NA	NA
<u>[Dual CPU] AMD EPYC 7251</u>	12955	211	13.72	\$944.56
<u>[Dual CPU] AMD EPYC 7261</u>	12430	218	8.18	\$1,519.44
<u>[Dual CPU] AMD EPYC 7281</u>	13293	207	11.66	\$1,139.68

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD EPYC 7001	NA	NA	7.24	\$3,249.80
[Dual CPU] AMD EPYC 7401	23518	84	7.24	\$3,249.80
[Dual CPU] AMD EPYC 7451	28957	49	15.44	\$1,874.88
[Dual CPU] AMD EPYC 7501	28991	48	7.03	\$4,121.72
[Dual CPU] AMD EPYC 7542	46721	3	NA	NA
[Dual CPU] AMD EPYC 7551	31452	36	11.08	\$2,839.80
[Dual CPU] AMD EPYC 7601	33545	28	5.33	\$6,299.12
[Dual CPU] AMD EPYC 7742	55574	1	4.00	\$13,900.00*
[Dual CPU] AMD Opteron 246	1130	481	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	482	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	477	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	478	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	487	NA	NA
[Dual CPU] AMD Opteron 256	1853	474	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	472	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	468	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	471	13.00	\$164.10*
[Dual CPU] AMD Opteron 280	2452	463	18.86	\$130.00
[Dual CPU] AMD Opteron 285	2769	453	17.32	\$159.90
[Dual CPU] AMD Opteron 290	2716	455	10.06	\$270.00*
[Dual CPU] AMD Opteron 850	1410	479	0.47	\$3,028.00*
[Dual CPU] AMD Opteron 885	2851	449	NA	NA
[Dual CPU] AMD Opteron 2212	2203	469	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	464	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	462	NA	NA
[Dual CPU] AMD Opteron 2216	2485	461	48.16	\$51.60
[Dual CPU] AMD Opteron 2216 HE	2593	457	NA	NA
[Dual CPU] AMD Opteron 2218	2719	454	17.00	\$159.90
[Dual CPU] AMD Opteron 2218 HE	2514	458	NA	NA
[Dual CPU] AMD Opteron 2220	2854	448	17.85	\$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	447	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	444	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	438	45.30	\$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	428	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	435	7.36	\$471.66*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2354	4554	417	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	420	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	399	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	426	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	413	36.92	\$130.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2376	5238	400	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	398	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5560	392	61.78	\$90.00
[Dual CPU] AMD Opteron 2384	5714	385	3.40	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	372	NA	NA
[Dual CPU] AMD Opteron 2389	5677	386	48.11	\$118.00*
[Dual CPU] AMD Opteron 2419	5191	402	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	373	NA	NA
[Dual CPU] AMD Opteron 2427	5907	382	36.94	\$159.90
[Dual CPU] AMD Opteron 2431	6438	366	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7068	350	54.37	\$130.00
[Dual CPU] AMD Opteron 2439 SE	8071	320	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	430	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	388	24.58	\$229.90*
[Dual CPU] AMD Opteron 4170 HE	6344	369	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	367	7.77	\$819.90*
[Dual CPU] AMD Opteron 4184	7813	324	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	319	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	321	NA	NA
[Dual CPU] AMD Opteron 4234	8953	294	19.46	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	6797	357	84.98	\$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	278	NA	NA
[Dual CPU] AMD Opteron 4280	4525	418	45.25	\$100.00*
[Dual CPU] AMD Opteron 4284	9151	287	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9462	285	21.86	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	258	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	266	8.15	\$1,257.44*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6120				
[Dual CPU] AMD Opteron 6128	6762	358	178.04	\$37.98
[Dual CPU] AMD Opteron 6128 HE	5582	391	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	304	NA	NA
[Dual CPU] AMD Opteron 6134	7586	336	86.22	\$87.98*
[Dual CPU] AMD Opteron 6136	7255	344	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	405	NA	NA
[Dual CPU] AMD Opteron 6168	7741	331	6.67	\$1,159.90
[Dual CPU] AMD Opteron 6172	7621	335	19.24	\$396.00*
[Dual CPU] AMD Opteron 6174	7783	326	59.87	\$130.00
[Dual CPU] AMD Opteron 6176 SE	8448	309	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	441	16.40	\$189.90
[Dual CPU] AMD Opteron 6204	7134	346	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	298	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	253	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	271	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	260	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	9841	275	70.30	\$139.98
[Dual CPU] AMD Opteron 6274	10536	255	117.09	\$89.98
[Dual CPU] AMD Opteron 6275	10900	251	NA	NA
[Dual CPU] AMD Opteron 6276	10101	270	29.88	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	232	17.12	\$699.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6308	8349	311	13.47	\$619.96
[Dual CPU] AMD Opteron 6320	10716	254	20.88	\$513.18
[Dual CPU] AMD Opteron 6328	12013	231	16.73	\$718.00
[Dual CPU] AMD Opteron 6344	11203	244	14.40	\$778.00*
[Dual CPU] AMD Opteron 6348	11412	238	18.64	\$612.20
[Dual CPU] AMD Opteron 6366 HE	12147	225	202.52	\$59.98*
[Dual CPU] AMD Opteron 6376	10452	257	80.40	\$130.00
[Dual CPU] AMD Opteron 6378	9145	288	24.07	\$380.00
[Dual CPU] AMD Opteron 6380	14200	190	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	224	42.05	\$289.98
[Dual CPU] AMD Opteron 8218	2831	450	61.54	\$46.00*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 8222 SE	2793	452	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	439	67.15	\$48.00
[Dual CPU] AMD Opteron 8380	5643	389	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	401	NA	NA
[Dual CPU] AMD Opteron 8389	6517	363	41.25	\$158.00*
[Dual CPU] AMD Opteron 8431	5813	383	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	359	46.80	\$144.00*
[Dual CPU] AMD Opteron 8439 SE	7691	333	64.09	\$120.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	480	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	466	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	434	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	323	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	501	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	499	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	539	496	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	540	495	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	502	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	503	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	500	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	498	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	493	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	679	489	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	488	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	491	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	486	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	485	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	927	484	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1854	473	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	483	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	470	30.53	\$70.00*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon 5130 @ 2.00GHz				
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	456	26.73	\$97.98*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	442	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2975	445	59.52	\$49.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	443	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3409	436	12.18	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3826	432	38.27	\$99.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8929	297	18.07	\$494.00
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11012	248	15.45	\$712.54*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	374	64.96	\$95.50*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	371	141.98	\$44.40*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	342	43.00	\$169.84*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	291	12.53	\$719.90
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11299	241	14.49	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	233	143.25	\$83.14
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	314	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13220	210	65.37	\$202.24*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	194	68.82	\$200.00*
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	10818	252	167.57	\$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	221	NA	NA
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	12419	219	155.28	\$79.98
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	212	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	11334	240	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	14276	189	119.01	\$119.96
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	15106	181	77.83	\$194.08

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2470 @ 1.80GHz			11.88	\$256.00
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	13442	204	52.51	\$256.00*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	145	43.06	\$431.28*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	370	66.25	\$95.70*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	362	34.17	\$190.80
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	310	62.24	\$134.46
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8932	296	17.18	\$520.00*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8162	317	145.96	\$55.92
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9021	290	145.55	\$61.98
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	273	47.29	\$212.06*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	249	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12228	223	210.90	\$57.98
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13231	209	165.43	\$79.98
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15266	178	90.87	\$168.00
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16453	164	20.73	\$793.50
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14339	188	11.05	\$1,298.00*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12620	215	11.49	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	186	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13443	203	168.29	\$79.88*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15944	170	181.43	\$87.88
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18449	149	99.19	\$186.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18725	144	16.75	\$1,118.00
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11172	245	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2630L v3 @ 2.40GHz			11.03	\$1,840.54*
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	180	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7706	332	4.35	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15882	172	54.77	\$290.00
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16395	165	43.14	\$380.00
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16703	163	3.78	\$4,417.90*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14644	185	75.31	\$194.46
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14505	187	45.44	\$319.22
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19797	129	73.32	\$270.00*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20295	124	11.03	\$1,840.54*
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13667	197	115.88	\$117.94
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20680	120	67.87	\$304.72
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21029	113	40.44	\$519.98
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	107	5.98	\$3,603.92
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12399	220	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	193	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	151	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15036	182	172.83	\$87.00
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18891	142	107.84	\$175.18
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20290	125	85.25	\$238.00
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20809	117	10.31	\$2,018.00*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	13621	200	51.13	\$266.40

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz			6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	114	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2652 v3 @ 2.30GHz	19588	132	8.36	\$2,342.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13855	192	4.74	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	143	52.29	\$359.98*
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	135	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	154	4.85	\$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16390	166	62.17	\$263.64*
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17860	153	41.95	\$425.78*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22374	100	34.96	\$639.90
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23086	90	7.70	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	89	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17003	159	83.05	\$204.74*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	75	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16375	167	158.37	\$103.40*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22686	96	34.37	\$660.00*
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22604	97	36.58	\$618.00
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22916	92	5.88	\$3,898.06*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18158	150	66.71	\$272.20
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20642	122	49.38	\$418.00
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22298	101	71.93	\$309.98
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	86	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21751	106	15.54	\$1,400.00*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	19762	130	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19762	130	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	20856	116	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	42	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18563	147	124.89	\$148.64
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21461	108	61.32	\$350.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24195	81	65.40	\$369.98
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22761	94	7.54	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	160	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21194	112	20.78	\$1,019.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	73	5.66	\$4,417.86*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	103	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26907	62	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	52	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20790	118	50.22	\$414.00
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23351	87	34.85	\$670.00
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24293	80	20.59	\$1,179.98
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26649	63	6.13	\$4,349.98*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19332	137	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	25703	70	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19648	131	107.59	\$182.62
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23598	83	43.29	\$545.16*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27411	59	6.32	\$4,339.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20760	119	40.08	\$517.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24793	76	25.30	\$979.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	79	2.12	\$11,616.00*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23478	85	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	41	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31774	35	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23297	88	37.70	\$618.00
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27386	60	28.20	\$971.20
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30440	40	4.98	\$6,109.98*
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	29460	46	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	28325	55	19.16	\$1,478.00
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	39	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	33	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	82	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26542	64	10.98	\$2,418.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	26	4.01	\$8,478.00
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	121	NA	NA
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz	15383	176	85.56	\$179.80*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	134	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	171	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	139	35.31	\$544.08*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	133	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18565	146	132.63	\$139.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	183	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650 v4 @ 2.20GHz	21855	105	2.85	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	13742	195	91.64	\$149.96*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	98	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	58	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	226	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	173	NA	NA
[Dual CPU] Intel Xeon E7-4830 @ 2.13GHz	9539	284	147.66	\$64.60*
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	99	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	230	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15263	179	40.38	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10965	250	27.41	\$399.98*
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10207	268	1.02	\$10,017.02*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	467	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	431	22.74	\$177.56*
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3554	433	36.27	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4164	425	53.73	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	408	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	416	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5120	404	64.02	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5134	403	64.26	\$79.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6008	379	14.38	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6348	368	50.42	\$125.90*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7119	347	35.95	\$198.00*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7499	339	12.54	\$597.88*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7083	349	129.73	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7774	327	129.39	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2492	460	13.12	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2805	451	4.89	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4859	412	34.73	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4992	407	39.61	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5408	395	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7291	343	75.15	\$97.02
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7576	337	291.38	\$26.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7753	329	65.70	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	427	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	393	16.48	\$334.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5947	381	42.96	\$138.42*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	7980	322	67.64	\$117.98*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8329	312	118.99	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8666	303	154.81	\$55.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10236	267	62.94	\$162.62*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10259	264	49.29	\$208.14*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	394	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	397	29.87	\$179.98*
[Dual CPU] Intel Xeon E7540 @ 2.00GHz	6738	360	210.96	\$31.94*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	104	8.41	\$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21437	109	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	111	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22810	93	10.55	\$2,161.74*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	72	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	156	6.88	\$2,539.98
[Dual CPU] Intel Xeon Gold 5217 @ 3.00GHz	22282	102	7.32	\$3,044.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 5218 @ 2.10GHz	22983	91	6.92	\$3,319.90*
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	19113	141	7.19	\$2,657.06
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	28610	53	7.57	\$3,779.94*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	19161	140	5.14	\$3,730.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22725	95	6.46	\$3,519.50*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26366	66	6.57	\$4,010.12
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	57	6.26	\$4,399.80*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	24666	78	5.46	\$4,520.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29725	44	5.69	\$5,227.18*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	56	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34320	25	6.55	\$5,238.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	32	6.68	\$4,879.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	50	4.72	\$6,116.66*
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	29907	43	NA	NA
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28802	51	4.92	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29655	45	3.22	\$9,217.90*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36731	18	6.28	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32941	31	5.01	\$6,569.90*
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33142	29	3.98	\$8,329.46
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	16	5.00	\$7,437.90
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	24959	74	4.63	\$5,395.82

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6242 @ 2.60GHz	33019	30	6.16	\$5,357.96
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31379	37	4.82	\$6,509.68*
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33741	27	5.13	\$6,572.00*
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	11	5.87	\$6,599.98*
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	37405	14	4.18	\$8,954.10
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41159	7	5.55	\$7,418.00
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	419	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	423	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	410	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	390	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	376	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6453	365	117.33	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	378	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	409	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	354	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6961	353	271.49	\$25.64*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7553	338	196.08	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6973	352	166.10	\$41.98*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8693	301	62.18	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9607	280	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9676	279	58.04	\$166.72*
[Dual CPU] Intel Xeon MP 2.50GHz	550	494	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	497	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	490	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	475	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36271	20	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	37838	13	2.46	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	47	2.96	\$9,872.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Platinum 8173M @ 2.70GHz	36410	19	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	21	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	15	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Platinum 8260 @ 2.40GHz	38202	12	4.42	\$8,651.00
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	8	3.65	\$11,260.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	169	15.66	\$1,019.90*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16817	162	18.52	\$908.00
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	201	13.24	\$1,027.98*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19328	138	16.78	\$1,151.78
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	110	11.85	\$1,808.50*
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	128	19.96	\$1,002.00*
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	25402	71	15.90	\$1,598.00
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10070	272	72.98	\$137.98
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10249	265	2.04	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	263	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	414	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	415	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	411	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5729	384	9.24	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6196	375	39.72	\$155.98*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7436	340	62.01	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7794	325	39.06	\$199.56*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	318	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7769	328	17.26	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8166	316	40.83	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8672	302	3.12	\$2,782.58*

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	8995	292	132.32	\$67.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9277	286	19.33	\$479.90*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9563	282	239.91	\$39.86*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11231	242	78.66	\$142.78
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11637	236	92.08	\$126.38*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10289	262	220.51	\$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12081	227	177.66	\$68.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10320	261	114.69	\$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12446	216	117.44	\$105.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11163	246	65.66	\$170.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13428	205	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13343	206	100.69	\$132.52
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11736	234	147.18	\$79.74
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13651	198	66.82	\$204.30
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	308	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	361	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	300	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7542 @ 2.67GHz	8972	293	13.22	\$678.48*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	274	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11230	243	255.23	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	424	46.34	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	406	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	422	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	421	33.66	\$130.00
[Dual CPU] Quad-Core AMD Opteron 8378	5382	396	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	355	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	387	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	380	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 6136	9767	276	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	306	33.05	\$260.00
[Quad CPU] AMD Opteron 6272	12292	222	43.91	\$279.96
[Quad CPU] AMD Opteron 6274	10488	256	58.28	\$179.96
[Quad CPU] AMD Opteron 6276	15342	177	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	228	24.31	\$495.80
[Quad CPU] AMD Opteron 6282 SE	11044	247	4.31	\$2,560.00
[Quad CPU] AMD Opteron 6376	13257	208	50.99	\$260.00
[Quad CPU] AMD Opteron 6378	20859	115	27.45	\$760.00
[Quad CPU] AMD Opteron 6380	12442	217	52.72	\$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	364	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	377	NA	NA
[Quad CPU] AMD Opteron 8382	8553	307	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	341	NA	NA
[Quad CPU] AMD Opteron 8431	8252	315	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	348	24.65	\$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	295	37.26	\$240.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	476	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	437	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	161	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	14669	184	27.32	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	199	42.59	\$319.96*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	77	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	20036	127	18.41	\$1,088.16*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	17127	158	61.18	\$279.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	67	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	18557	148	61.87	\$299.92*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	38	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	126	3.36	\$6,008.00*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.13GHz			1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	168	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	24	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	54	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	34	NA	NA
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	17	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	15433	174	96.48	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17398	157	131.84	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15429	175	20.41	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	214	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	17965	152	0.90	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	351	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	330	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	269	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	281	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	289	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	68	5.15	\$5,079.96
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	23	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	9	2.45	\$16,658.92
[Quad CPU] Intel Xeon Gold 6248 @ 2.50GHz	41863	6	3.17	\$13,199.96*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	277	NA	NA
[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10406	259	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	4	1.10	\$40,060.00*
[Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz	48904	2	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	283	66.28	\$143.96*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	305	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	237	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	12824	213	145.73	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356			27.58	\$260.00

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