

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)

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 Single Thread

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Power Performance

CPU Mark by Socket Type

 CPU Mega List

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 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 EPYC 7702P	46067	2	10.41	\$4,425.00*
Intel Xeon W-3175X @ 3.10GHz	33538	3	11.10	\$3,021.48
AMD Ryzen 9 PRO 3900	32622	4	NA	NA
AMD Ryzen 9 3900X	31862	5	63.73	\$499.99
Intel Xeon W-3265 @ 2.70GHz	31691	6	9.46	\$3,349.00*
AMD Ryzen 9 3900	30679	7	NA	NA
Intel Xeon Gold 6254 @ 3.10GHz	30018	8	8.09	\$3,709.00*
Intel Core i9-9980XE @ 3.00GHz	29522	9	15.30	\$1,929.00
Intel Xeon Platinum 8168 @ 2.70GHz	29131	10	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	11	NA	NA
Intel Xeon Gold 6210U @ 2.50GHz	28560	12	13.87	\$2,059.86
Intel Core i9-9960X @ 3.10GHz	28129	13	18.66	\$1,507.80
Intel Xeon Platinum 8175M @ 2.50GHz	28103	14	NA	NA
Intel Xeon Gold 6154 @ 3.00GHz	27722	15	7.09	\$3,909.00*
Intel Core i9-7980XE @ 2.60GHz	27647	16	23.45	\$1,178.93*
Intel Core i9-9940X @ 3.30GHz	27124	17	19.96	\$1,359.28
Intel Xeon Platinum 8124M @ 3.00GHz	26835	18	NA	NA
Intel Core i9-7960X @ 2.80GHz	26070	19	19.31	\$1,349.99*

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CPU Benchmarks

Market Share

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 6138 @ 2.00GHz	25774	21	9.55	\$2,698.95*
AMD Ryzen 7 PRO 3700	25748	22	NA	NA
Intel Core i9-7940X @ 3.10GHz	25429	23	18.44	\$1,379.00
AMD Ryzen Threadripper 2950X	25320	24	37.24	\$679.99
Intel Xeon Gold 6242 @ 2.80GHz	25313	25	9.45	\$2,678.49
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	26	9.35	\$2,702.00*
Intel Core i9-9920X @ 3.50GHz	25173	27	24.16	\$1,042.13
Intel Xeon Gold 6146 @ 3.20GHz	25142	28	5.46	\$4,608.95*
Intel Xeon Gold 6230 @ 2.10GHz	24600	29	13.37	\$1,840.64
AMD Ryzen 7 3800X	24566	30	66.40	\$369.99
Intel Xeon W-2170B @ 2.50GHz	24561	31	NA	NA
Intel Xeon W-2195 @ 2.30GHz	24481	32	6.86	\$3,566.74
Intel Xeon W-2175 @ 2.50GHz	24454	33	11.60	\$2,107.64
Intel Xeon Platinum 8176 @ 2.10GHz	24434	34	2.80	\$8,725.00*
Intel Xeon Gold 6140 @ 2.30GHz	23964	35	9.82	\$2,439.99*
Intel Xeon Gold 6132 @ 2.60GHz	23907	36	9.53	\$2,508.95
AMD Ryzen 7 3700X	23864	37	73.43	\$324.98
Intel Xeon Gold 6152 @ 2.10GHz	23498	38	6.35	\$3,702.12*
AMD EPYC 7502P	23465	39	10.20	\$2,300.00*
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	40	6.98	\$3,359.50
Intel Core i9-7920X @ 2.90GHz	23291	41	17.30	\$1,346.25*
AMD Ryzen Threadripper 2990WX	23167	42	13.43	\$1,724.99
Intel Core i9-9900X @ 3.50GHz	23019	43	32.47	\$709.00
Intel Xeon Gold 5218 @ 2.30GHz	22576	44	16.88	\$1,337.23
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	45	NA	NA
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	46	18.51	\$1,209.00
Intel Xeon E5-2696 v3 @ 2.30GHz	22172	47	8.88	\$2,498.00*
AMD Ryzen Threadripper 2920X	22098	48	63.14	\$349.99
AMD EPYC 7371	22071	49	NA	NA
AMD Ryzen Threadripper 1950X	21933	50	44.76	\$489.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2155 @ 3.30GHz	21917	51	14.32	\$1,530.39*
AMD Ryzen Threadripper 2970WX	21886	52	23.92	\$914.99

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7700K @ 3.50GHz	21836	54	6.02	\$3,629.59*
Intel Core i9-9820X @ 3.30GHz	21630	55	35.10	\$616.27
AMD Ryzen 5 PRO 3600	21601	56	NA	NA
Intel Xeon W-2150B @ 3.00GHz	21543	57	NA	NA
Intel Xeon E5-2673 v4 @ 2.30GHz	21458	58	NA	NA
Intel Xeon E5-2697 v4 @ 2.30GHz	21435	59	7.02	\$3,054.99*
Intel Xeon E5-2697 v3 @ 2.60GHz	21412	60	48.12	\$445.00
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	61	7.05	\$3,009.95*
Intel Xeon E5-2690 v4 @ 2.60GHz	21167	62	9.75	\$2,169.99*
Intel Xeon Gold 6136 @ 3.00GHz	21061	63	8.06	\$2,613.59*
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	64	28.47	\$739.00
Intel Core i9-9900KS @ 4.00GHz	21035	65	40.07	\$524.99
AMD EPYC 7571	20858	66	NA	NA
AMD Ryzen 5 3600X	20489	67	83.89	\$244.25
Intel Core i7-7900X @ 3.30GHz	20474	68	NA	NA
Intel Core i9-9900KF @ 3.60GHz	20446	69	42.60	\$479.99
Intel Xeon Gold 6137 @ 3.90GHz	20443	70	NA	NA
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	71	NA	NA
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	72	3.49	\$5,808.00
AMD EPYC 7401P	20221	73	23.49	\$860.78
Intel Core i9-9900K @ 3.60GHz	20192	74	42.78	\$471.99
AMD Ryzen Threadripper 1920X	20029	75	71.86	\$278.71
Intel Core i7-6950X @ 3.00GHz	19920	76	11.20	\$1,778.88
AMD Ryzen 5 3600	19908	77	102.62	\$194.00
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	78	13.18	\$1,509.00*
Intel Xeon E5-2687W v4 @ 3.00GHz	19863	79	9.13	\$2,174.99*
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	80	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19765	81	16.61	\$1,189.76*
Intel Core i7-9800X @ 3.80GHz	19763	82	32.78	\$602.89
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	83	NA	NA
Intel Xeon Gold 6126 @ 2.60GHz	19711	84	10.43	\$1,889.97*
Intel Xeon E5-2695 v3 @ 2.30GHz	19710	85	40.23	\$489.99*
Intel Xeon Gold 6144 @ 3.50GHz	19667	86	6.72	\$2,925.00*
Intel Xeon E-2288G @ 3.70GHz	19666	87	36.49	\$539.00*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4669 v3 @ 2.10GHz	19615	89	3.63	\$5,400.00*
Intel Xeon Silver 4216 @ 2.10GHz	19538	90	19.47	\$1,003.30
Intel Xeon D-2183IT @ 2.20GHz	19381	91	10.99	\$1,764.00*
Intel Xeon E5-2690 v3 @ 2.60GHz	19263	92	78.63	\$245.00
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	93	NA	NA
AMD Ryzen Threadripper 2990X	19227	94	NA	NA
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	95	8.62	\$2,208.93*
AMD EPYC 7501	18942	96	9.19	\$2,060.86
Intel Core i9-9900 @ 3.10GHz	18633	97	42.35	\$439.99
Intel Xeon W-2140B @ 3.20GHz	18610	98	NA	NA
Intel Xeon E-2286M @ 2.40GHz	18544	99	29.77	\$623.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7820X @ 3.60GHz	18517	100	30.86	\$599.99
AMD EPYC 7551	18483	101	4.95	\$3,735.23
Intel Xeon E5-2680 v3 @ 2.50GHz	18467	102	27.35	\$675.19
AMD EPYC 7551P	18443	103	7.14	\$2,582.01
Intel Xeon Gold 5120 @ 2.20GHz	18253	104	11.69	\$1,561.00*
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	105	NA	NA
Intel Xeon Gold 5120T @ 2.20GHz	18145	106	10.51	\$1,727.00*
Intel Xeon Gold 6134 @ 3.20GHz	18083	107	8.41	\$2,150.00
AMD EPYC 7351	18081	108	14.16	\$1,276.83
Intel Xeon E5-2687W v3 @ 3.10GHz	17795	109	30.16	\$589.99
Intel Xeon Silver 4214 @ 2.20GHz	17722	110	27.69	\$640.00
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	111	NA	NA
Intel Core i9-9980HK @ 2.40GHz	17668	112	30.31	\$583.00*
Intel Core i7-6900K @ 3.20GHz	17614	113	25.10	\$701.85
Intel Xeon E5-2683 v3 @ 2.00GHz	17325	114	33.97	\$509.99*
Intel Xeon E5-2658 v4 @ 2.30GHz	17275	115	NA	NA
Intel Core i7-9700K @ 3.60GHz	17198	117	47.77	\$359.99
Intel Xeon E5-2697 v2 @ 2.70GHz	17198	116	55.66	\$309.00
Intel Core i7-9700KF @ 3.60GHz	17188	118	47.75	\$359.99*
AMD Ryzen 7 PRO 2700X	17161	119	NA	NA
AMD Ryzen 5 3500X	17073	120	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 E5-2670 v3 @ 2.30GHz	16647	130	107.41	\$154.99
Intel Xeon E5-2678 v3 @ 2.50GHz	16993	122	NA	NA
AMD Ryzen 7 2700X	16965	123	87.01	\$194.99
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	124	11.25	\$1,499.99*
Intel Xeon E-2286G @ 4.00GHz	16808	125	37.35	\$450.00*
Intel Core i9-9880H @ 2.30GHz	16773	126	30.17	\$556.00*
Intel Xeon E-2246G @ 3.60GHz	16714	127	53.74	\$311.00*
Intel Core i7-8086K @ 4.00GHz	16679	128	30.16	\$552.96*
Intel Xeon Gold 5117 @ 2.00GHz	16672	129	NA	NA
Intel Xeon E5-2670 v3 @ 2.30GHz	16647	130	107.41	\$154.99
Intel Xeon E5-2667 v4 @ 3.20GHz	16631	131	8.53	\$1,949.03*
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	132	NA	NA
Intel Core i7-9700F @ 3.00GHz	16486	133	50.22	\$328.29
Intel Xeon Gold 5118 @ 2.30GHz	16435	134	15.66	\$1,049.36*
Intel Xeon E5-2660 v3 @ 2.60GHz	16429	135	60.40	\$272.01
Intel Xeon E5-2690 v2 @ 3.00GHz	16406	136	38.18	\$429.76
Intel Xeon E5-2673 v3 @ 2.40GHz	16401	137	23.43	\$700.00*
Intel Xeon E5-2687W v2 @ 3.40GHz	16343	138	45.41	\$359.90*
Intel Xeon E5-1680 v3 @ 3.20GHz	16325	139	NA	NA
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	140	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	141	NA	NA
Intel Xeon E5-1680 v2 @ 3.00GHz	16296	142	NA	NA
Intel Xeon W-2135 @ 3.70GHz	16296	143	18.10	\$900.15*
Intel Xeon E5-1660 v4 @ 3.20GHz	16203	144	13.18	\$1,229.52*
Intel Xeon E5-2667 v3 @ 3.20GHz	16174	145	40.62	\$398.14
Intel Xeon E5-2667 v2 @ 3.30GHz	16165	146	48.98	\$330.00*
AMD Ryzen Threadripper 1900X	16069	147	100.44	\$159.99
Intel Xeon E5-2695 v2 @ 2.40GHz	16041	148	61.94	\$258.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	149	NA	NA
Intel Core i7-5960X @ 3.00GHz	15992	150	15.33	\$1,042.93*
Intel Xeon Silver 4210 @ 2.20GHz	15974	151	29.19	\$547.30
Intel Core i7-8700K @ 3.70GHz	15933	152	45.52	\$349.99
Intel Core i7-9700 @ 3.00GHz	15932	153	47.42	\$335.99

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2680 v2 @ 2.80GHz	15890	155	90.80	\$175.00
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	156	15.73	\$1,009.00
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	157	3.30	\$4,800.00*
Intel Xeon E-2186G @ 3.80GHz	15838	158	30.17	\$524.99*
Intel Xeon E-2136 @ 3.30GHz	15793	159	48.68	\$324.46*
Intel Xeon E-2146G @ 3.50GHz	15620	160	44.00	\$354.99*
AMD Ryzen 7 1800X	15536	161	53.57	\$289.99
Intel Xeon E-2176G @ 3.70GHz	15527	162	34.69	\$447.61*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	163	6.97	\$2,225.00*
Intel Xeon Silver 4116 @ 2.10GHz	15509	164	16.44	\$943.13*
Intel Xeon E5-2640 v4 @ 2.40GHz	15420	165	16.76	\$920.27*
AMD Ryzen 7 PRO 2700	15406	166	NA	NA
AMD Ryzen 7 PRO 1700X	15324	167	NA	NA
Intel Xeon Silver 4215 @ 2.50GHz	15200	168	20.29	\$749.00*
Intel Xeon Silver 4123 @ 3.00GHz	15185	169	NA	NA
Intel Core i7-8700 @ 3.20GHz	15141	170	41.05	\$368.88
Intel Xeon E5-2675 v3 @ 1.80GHz	15137	171	NA	NA
AMD Ryzen 7 2700	15084	172	88.74	\$169.99
Intel Xeon E5-2670 v2 @ 2.50GHz	15021	173	71.87	\$209.00
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	174	NA	NA
AMD EPYC 7301	14978	175	17.34	\$863.99
Intel Xeon Gold 6128 @ 3.40GHz	14941	176	8.49	\$1,759.75*
AMD EPYC 7351P	14887	177	15.71	\$947.33
Intel Xeon E5-2650 v3 @ 2.30GHz	14883	178	114.50	\$129.99
Intel Xeon E-2276M @ 2.80GHz	14850	179	33.00	\$450.00*
AMD Ryzen 7 1700X	14812	180	86.62	\$171.00
Intel Core i7-8700B @ 3.20GHz	14802	181	48.85	\$303.00*
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	182	NA	NA
Intel Xeon E5-1660 v3 @ 3.00GHz	14656	183	9.07	\$1,616.49*
Intel Core i7-7800X @ 3.50GHz	14630	184	28.69	\$509.99*
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	185	18.71	\$779.00*
Intel Xeon E-2186M @ 2.90GHz	14521	186	23.31	\$623.00*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	187	6.04	\$2,400.00*
Intel Xeon D-1567 @ 2.10GHz	14482	188	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 E5-2687W @ 3.10GHz	14372	190	28.75	\$499.99
AMD Ryzen 5 2600X	14366	191	96.81	\$148.40
Intel Xeon E5-2687W @ 3.10GHz	14341	192	69.28	\$207.00*
Intel Xeon Silver 4114 @ 2.20GHz	14306	193	24.84	\$575.89
Intel Core i9-8950HK @ 2.90GHz	14236	194	24.42	\$583.00*
AMD Ryzen 5 PRO 2600	14221	195	NA	NA
Intel Xeon E5-1650 v4 @ 3.60GHz	14218	196	27.99	\$508.00*
Intel Core i7-9850H @ 2.60GHz	14131	197	35.78	\$395.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 PRO 1700	14112	198	NA	NA
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	199	9.42	\$1,496.00*
Intel Xeon D-1587 @ 1.70GHz	14049	200	NA	NA
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	201	NA	NA
AMD Ryzen 7 1700	13931	202	53.61	\$259.89
Intel Core i5-9600 @ 3.10GHz	13931	203	62.19	\$224.00*
Intel Xeon E-2278GEL @ 2.00GHz	13914	204	28.17	\$494.00*
Intel Xeon E5-2630 v4 @ 2.20GHz	13913	205	24.89	\$559.00
Intel Xeon E5-1660 v2 @ 3.70GHz	13901	206	49.30	\$281.99*
Intel Xeon E5-2643 v3 @ 3.40GHz	13887	207	53.41	\$259.99
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	208	77.09	\$179.99*
Intel Xeon E5-2640 v3 @ 2.60GHz	13864	209	102.70	\$135.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	210	24.41	\$566.00*
Intel Core i7-4960X @ 3.60GHz	13813	211	17.94	\$769.99*
Intel Xeon E5-2690 @ 2.90GHz	13710	212	103.09	\$133.00
Intel Core i7-5930K @ 3.50GHz	13664	213	41.53	\$329.00*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	214	NA	NA
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	215	NA	NA
Intel Xeon E5-1650 v3 @ 3.50GHz	13623	216	98.80	\$137.90
Intel Xeon E-2126G @ 3.30GHz	13583	217	45.28	\$299.99*
Intel Core i7-6800K @ 3.40GHz	13565	218	41.13	\$329.85
Intel Core i5-9600KF @ 3.70GHz	13559	219	56.50	\$239.99
Intel Xeon E-2176M @ 2.70GHz	13546	220	30.10	\$450.00*
AMD Ryzen 5 2600	13514	221	114.84	\$117.68

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2660 v2 @ 2.60GHz	13495	223	34.17	\$395.00*
Intel Core i5-9600K @ 3.70GHz	13479	224	58.62	\$229.95
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	225	8.06	\$1,671.25*
AMD Ryzen 7 2700E	13410	226	NA	NA
Intel Core i7-9700T @ 2.00GHz	13296	227	41.17	\$323.00*
Intel Xeon E5-2689 @ 2.60GHz	13291	228	NA	NA
Intel Xeon E5-2650 v2 @ 2.60GHz	13223	229	183.53	\$72.05
AMD Ryzen 5 1600X	13201	230	89.81	\$146.99
Intel Xeon E5-2660 v2 @ 2.20GHz	13142	231	75.54	\$173.98*
Intel Xeon E5-2643 v2 @ 3.50GHz	13121	232	62.49	\$209.99
Intel Xeon Silver 4208 @ 2.10GHz	13116	233	26.46	\$495.80
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	234	9.61	\$1,364.00*
AMD Ryzen 5 3500	13064	236	NA	NA
Intel Core i5-9500F @ 3.00GHz	13064	235	64.67	\$202.00*
Intel Core i7-4930K @ 3.40GHz	13023	237	27.39	\$475.50*
Intel Core i7-5820K @ 3.30GHz	13013	238	52.06	\$249.99
Intel Core i7-8850H @ 2.60GHz	12984	239	32.87	\$395.00*
Intel Xeon E5-2680 @ 2.70GHz	12897	240	167.65	\$76.93
Intel Xeon E-2226G @ 3.40GHz	12887	241	49.57	\$260.00*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	242	NA	NA
Intel Xeon D-2141L @ 2.20GHz	12836	243	23.13	\$555.00*
Intel Xeon E5-2630 v3 @ 2.40GHz	12797	244	130.59	\$98.00
Intel Xeon E-2244G @ 3.80GHz	12782	245	46.99	\$272.00*
Intel Core i5-8500B @ 3.00GHz	12756	246	66.44	\$192.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1650 v2 @ 3.50GHz	12750	247	115.98	\$109.94
Intel Core i7-10710U @ 1.10GHz	12732	248	28.74	\$443.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	249	NA	NA
Intel Core i7-3970X @ 3.50GHz	12696	250	24.90	\$509.94*
Intel Core i5-8600K @ 3.60GHz	12681	251	44.20	\$286.93
Intel Core i7-8700T @ 2.40GHz	12620	252	27.50	\$459.00
Intel Xeon E-2274G @ 4.00GHz	12595	253	37.71	\$334.00*
Intel Core i7-3960X @ 3.30GHz	12571	254	13.82	\$909.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E5-2670 @ 2.60GHz</u>	12370	258	<u>85.32</u>	<u>\$145.00</u>
<u>Intel Core i5-8600 @ 3.10GHz</u>	12472	256	<u>44.99</u>	<u>\$277.21*</u>
<u>Intel Core i7-8750H @ 2.20GHz</u>	12404	257	<u>31.40</u>	<u>\$395.00*</u>
<u>Intel Xeon E5-2670 @ 2.60GHz</u>	12370	258	<u>85.32</u>	<u>\$145.00</u>
<u>Intel Core i5-9500 @ 3.00GHz</u>	12356	259	<u>48.96</u>	<u>\$252.36</u>
<u>Intel Xeon W-2125 @ 4.00GHz</u>	12326	260	<u>25.24</u>	<u>\$488.31</u>
<u>Intel Xeon E5-2628L v3 @ 2.00GHz</u>	12295	261	NA	NA
<u>Intel Xeon E5-4655 v3 @ 2.90GHz</u>	12292	262	<u>2.66</u>	<u>\$4,616.00*</u>
<u>AMD Ryzen 5 1600</u>	12283	263	<u>112.60</u>	<u>\$109.09</u>
<u>Intel Xeon E5-1660 @ 3.30GHz</u>	12251	264	<u>9.99</u>	<u>\$1,226.66*</u>
<u>Intel Xeon E-2174G @ 3.80GHz</u>	12250	265	<u>30.40</u>	<u>\$402.99*</u>
<u>Intel Core i7-7740X @ 4.30GHz</u>	12225	266	<u>29.82</u>	<u>\$409.99</u>
<u>Intel Core i7-8559U @ 2.70GHz</u>	12217	267	<u>22.50</u>	<u>\$543.00</u>
<u>AMD Ryzen 5 PRO 1600</u>	12213	268	NA	NA
<u>Intel Xeon E5-2618L v3 @ 2.30GHz</u>	12186	269	NA	NA
<u>Intel Xeon E5-4650L @ 2.60GHz</u>	12145	270	<u>101.22</u>	<u>\$119.99*</u>
<u>Intel Core i5-9400F @ 2.90GHz</u>	12117	271	<u>83.57</u>	<u>\$144.99</u>
<u>Intel Core i7-7700K @ 4.20GHz</u>	11994	272	<u>33.92</u>	<u>\$353.66</u>
<u>Intel Xeon E3-1285 v6 @ 4.10GHz</u>	11992	273	<u>11.89</u>	<u>\$1,009.00</u>
<u>Intel Core i7-3930K @ 3.20GHz</u>	11975	274	<u>52.07</u>	<u>\$229.99*</u>
<u>Intel Core i5-9400 @ 2.90GHz</u>	11971	275	<u>62.41</u>	<u>\$191.80</u>
<u>AMD EPYC 7251</u>	11811	276	<u>26.01</u>	<u>\$454.18</u>
<u>Intel Core i5-8500 @ 3.00GHz</u>	11800	277	<u>46.74</u>	<u>\$252.49</u>
<u>Intel Xeon E5-2665 @ 2.40GHz</u>	11746	278	<u>114.75</u>	<u>\$102.37*</u>
<u>Intel Xeon E5-1650 @ 3.20GHz</u>	11735	279	<u>23.71</u>	<u>\$495.00*</u>
<u>AMD EPYC 3251</u>	11690	280	<u>37.11</u>	<u>\$315.00*</u>
<u>Intel Xeon E5-4650 @ 2.70GHz</u>	11685	281	<u>166.96</u>	<u>\$69.99*</u>
<u>Intel Xeon Silver 4110 @ 2.10GHz</u>	11657	282	<u>25.91</u>	<u>\$449.98</u>
<u>Intel Core i5-8400 @ 2.80GHz</u>	11573	283	<u>54.10</u>	<u>\$213.94</u>
<u>Intel Core i5-9400H @ 2.50GHz</u>	11435	284	<u>45.74</u>	<u>\$250.00*</u>
<u>Intel Xeon E5-2648L v3 @ 1.80GHz</u>	11392	285	<u>7.30</u>	<u>\$1,560.86*</u>
<u>Intel Xeon E-2144G @ 3.60GHz</u>	11381	287	<u>32.34</u>	<u>\$351.90*</u>
<u>Intel Xeon E5-2648L v2 @ 1.90GHz</u>	11381	286	<u>7.70</u>	<u>\$1,479.00*</u>
<u>Intel Xeon @ 2.00GHz</u>	11327	288	NA	NA
<u>Intel Xeon E5-2620 v4 @ 2.10GHz</u>	11324	289	<u>31.03</u>	<u>\$364.99</u>

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2470 v2 @ 2.40GHz	11268	291	50.76	\$222.00
Intel Xeon E5-2660 @ 2.20GHz	11255	292	85.39	\$131.82*
Intel Xeon E3-1270 v6 @ 3.80GHz	11171	293	30.27	\$369.03
Intel Core i7-4790K @ 4.00GHz	11164	294	39.88	\$279.99
Intel Xeon E5-2470 @ 2.30GHz	11144	295	87.07	\$128.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6700K @ 4.00GHz	11109	296	35.54	\$312.61*
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	297	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11064	298	NA	NA
Intel Xeon E3-1280 v6 @ 3.90GHz	11041	299	21.10	\$523.31
Intel Xeon E3-1275 v6 @ 3.80GHz	11028	300	29.27	\$376.83
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	301	NA	NA
Intel Core i5-8259U @ 2.30GHz	10995	302	13.17	\$834.62
Intel Core i7-8809G @ 3.10GHz	10986	303	NA	NA
Intel Core i5-8600T @ 2.30GHz	10981	304	29.92	\$366.99*
Intel Xeon D-2146NT @ 2.30GHz	10968	305	17.11	\$641.00*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	306	NA	NA
Intel Xeon D-1557 @ 1.50GHz	10950	307	15.78	\$694.00*
Intel Xeon Silver 4109T @ 2.00GHz	10946	308	21.85	\$501.00*
AMD Opteron 6386 SE	10912	309	75.26	\$144.99
Intel Core i7-1065G7 @ 1.30GHz	10900	310	NA	NA
Intel Xeon Gold 5122 @ 3.60GHz	10896	311	8.55	\$1,274.02
Intel Xeon E-2134 @ 3.50GHz	10882	312	39.31	\$276.84
Intel Core i7-5775R @ 3.30GHz	10879	313	NA	NA
Intel Core i7-5775C @ 3.30GHz	10869	314	15.84	\$686.32*
Intel Core i7-5950HQ @ 2.90GHz	10850	315	NA	NA
Intel Xeon Silver 4108 @ 1.80GHz	10838	316	21.25	\$509.95
Intel Xeon E5-4640 @ 2.40GHz	10807	317	3.96	\$2,730.00*
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	318	19.42	\$556.00*
Intel Xeon D-1540 @ 2.00GHz	10740	319	NA	NA
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	320	NA	NA
Intel Core i7-7700 @ 3.60GHz	10686	321	33.75	\$316.60
Intel Xeon D-1548 @ 2.00GHz	10679	322	19.24	\$555.00*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2607 v2 @ 2.90GHz	10668	323	33.44	\$318.99
Intel Xeon W-2123 @ 3.60GHz	10667	324	33.44	\$318.99
Intel Core i5-8279U @ 2.40GHz	10623	325	33.20	\$320.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10621	326	15.39	\$690.01*
Intel Xeon E3-1575M v5 @ 3.00GHz	10616	327	8.80	\$1,207.00*
AMD Ryzen 5 PRO 3400G	10615	328	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10563	329	16.96	\$623.00*
Intel Core i5-9500T @ 2.20GHz	10557	330	54.98	\$192.00*
Intel Core i7-8706G @ 3.10GHz	10539	331	NA	NA
Intel Xeon E3-1245 v6 @ 3.70GHz	10533	332	33.73	\$312.26
Intel Core i3-9350KF @ 4.00GHz	10526	333	55.70	\$188.99
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	334	9.65	\$1,089.15
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	335	NA	NA
Intel Xeon E3-1240 v6 @ 3.70GHz	10472	336	36.35	\$288.10
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	337	NA	NA
Intel Core i5-8400H @ 2.50GHz	10394	338	41.58	\$250.00*
Intel Xeon E5-2630 v2 @ 2.60GHz	10368	339	235.96	\$43.94
Intel Xeon E3-1275 v5 @ 3.60GHz	10353	340	27.28	\$379.52
Intel Xeon E3-1240 v5 @ 3.50GHz	10317	341	30.20	\$341.67*
Intel Xeon E3-1545M v5 @ 2.90GHz	10309	342	NA	NA
AMD Ryzen 5 PRO 3400GE	10300	343	NA	NA
Intel Xeon E3-1270 v5 @ 3.60GHz	10297	344	21.59	\$476.90
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1630 v4 @ 3.70GHz	10296	345	NA	NA
Intel Core i7-4980HQ @ 2.80GHz	10293	346	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10259	347	235.85	\$43.50
Intel Xeon E-2224 @ 3.40GHz	10241	348	51.72	\$198.00*
Intel Xeon E5-1630 v3 @ 3.70GHz	10228	349	21.40	\$477.99*
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	350	13.88	\$736.16*
Intel Xeon E3-1276 v3 @ 3.60GHz	10209	351	9.51	\$1,073.00*
Intel Core i5-1035G4 @ 1.10GHz	10199	352	33.01	\$309.00*
Intel Xeon E5-2450 @ 2.10GHz	10196	353	170.01	\$59.98
AMD FX-9590 Eight-Core	10193	354	50.98	\$199.95
Intel Xeon E5-2640 v2 @ 2.00GHz	10189	355	55.31	\$184.24

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E3-1270 v3 @ 3.50GHz</u>	10144	357	<u>62.62</u>	<u>\$162.00*</u>
<u>Intel Xeon E3-1585L v5 @ 3.00GHz</u>	10135	358	<u>22.78</u>	<u>\$445.00*</u>
<u>AMD Ryzen 5 PRO 1500</u>	10133	359	NA	NA
<u>Intel Xeon E3-1271 v3 @ 3.60GHz</u>	10117	361	<u>11.39</u>	<u>\$888.00*</u>
<u>Intel Xeon E5-2637 v3 @ 3.50GHz</u>	10117	360	<u>61.25</u>	<u>\$165.19</u>
<u>AMD Ryzen 5 1500X</u>	10108	362	<u>74.63</u>	<u>\$135.45</u>
<u>AMD Opteron 6380</u>	10081	363	<u>170.88</u>	<u>\$59.00</u>
<u>Intel Core i7-4770K @ 3.50GHz</u>	10076	364	<u>24.58</u>	<u>\$409.99</u>
<u>Intel Xeon E3-1275 v3 @ 3.50GHz</u>	10048	365	<u>25.06</u>	<u>\$400.99*</u>
<u>Intel Xeon E3-1281 v3 @ 3.70GHz</u>	10031	366	<u>11.43</u>	<u>\$877.75*</u>
<u>Intel Core i3-9300 @ 3.70GHz</u>	10018	367	<u>65.91</u>	<u>\$152.00*</u>
<u>Intel Xeon E3-1241 v3 @ 3.50GHz</u>	10017	368	<u>27.07</u>	<u>\$369.99</u>
<u>Intel Xeon E3-1515M v5 @ 2.80GHz</u>	10016	369	NA	NA
<u>Intel Core i7-6700 @ 3.40GHz</u>	10003	370	<u>29.86</u>	<u>\$334.99</u>
<u>Intel Core i7-7920HQ @ 3.10GHz</u>	9991	371	<u>17.59</u>	<u>\$568.00*</u>
<u>AMD Ryzen 5 PRO 2400G</u>	9990	372	NA	NA
<u>Intel Core i7-4790 @ 3.60GHz</u>	9989	373	<u>62.83</u>	<u>\$159.00</u>
<u>Intel Xeon E5-2620 v3 @ 2.40GHz</u>	9987	374	<u>142.69</u>	<u>\$69.99</u>
<u>Intel Xeon E3-1285L v3 @ 3.10GHz</u>	9981	375	<u>12.35</u>	<u>\$808.02*</u>
<u>Intel Core i5-9400T @ 1.80GHz</u>	9976	376	<u>54.82</u>	<u>\$182.00*</u>
<u>Intel Core i5-8500T @ 2.10GHz</u>	9971	377	<u>42.55</u>	<u>\$234.36*</u>
<u>Intel Core i7-7820HK @ 2.90GHz</u>	9954	378	<u>26.33</u>	<u>\$378.00*</u>
<u>AMD Ryzen 5 3400G</u>	9947	379	<u>72.19</u>	<u>\$137.80</u>
<u>Intel Xeon E5-1620 v4 @ 3.50GHz</u>	9935	380	<u>26.54</u>	<u>\$374.33</u>
<u>Intel Xeon E3-1270 v3 @ 3.50GHz</u>	9919	381	<u>49.60</u>	<u>\$199.99</u>
<u>Intel Xeon E3-1286 v3 @ 3.70GHz</u>	9899	382	<u>11.80</u>	<u>\$839.00*</u>
<u>Intel Xeon E-2124G @ 3.40GHz</u>	9891	383	<u>38.94</u>	<u>\$254.00</u>
<u>Intel Xeon E5-2650L v2 @ 1.70GHz</u>	9880	384	<u>72.74</u>	<u>\$135.84*</u>
<u>Intel Core i7-8705G @ 3.10GHz</u>	9879	385	<u>7.01</u>	<u>\$1,408.75*</u>
<u>Intel Core i7-4771 @ 3.50GHz</u>	9863	386	<u>16.17</u>	<u>\$609.99*</u>
<u>Intel Xeon E3-1246 v3 @ 3.50GHz</u>	9861	387	<u>24.11</u>	<u>\$409.00*</u>
<u>Intel Core i7-4960HQ @ 2.60GHz</u>	9856	388	<u>15.82</u>	<u>\$623.00*</u>
<u>Intel Xeon E3-1280 v3 @ 3.60GHz</u>	9841	389	<u>21.92</u>	<u>\$449.00*</u>
<u>Intel Core i7-4770R @ 3.20GHz</u>	9830	390	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 Core i7-995X @ 3.60GHz	9791	392	NA	NA
AMD Opteron 6287 SE	9789	393	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1230 v6 @ 3.50GHz	9784	394	37.26	\$262.59
Intel Core i5-9300H @ 2.40GHz	9783	395	39.13	\$250.00*
Intel Core i7-4770 @ 3.40GHz	9781	396	61.52	\$159.00
Intel Core i7-8709G @ 3.10GHz	9780	397	NA	NA
Intel Core i7-4940MX @ 3.10GHz	9773	398	13.77	\$709.95*
Intel Xeon E3-1230 v5 @ 3.40GHz	9742	399	23.71	\$410.86
Intel Xeon E5-1620 v3 @ 3.50GHz	9741	400	60.89	\$159.99*
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	401	28.62	\$339.95*
Intel Core i7-4820K @ 3.70GHz	9721	402	44.19	\$219.99*
Intel Core i7-6770HQ @ 2.60GHz	9720	403	9.70	\$1,001.88*
AMD Ryzen 5 2500X	9704	404	NA	NA
Intel Xeon E3-1290 V2 @ 3.70GHz	9694	405	10.95	\$885.00*
Intel Xeon E3-1240 v3 @ 3.40GHz	9677	406	25.18	\$384.40*
Intel Xeon E3-1505M v6 @ 3.00GHz	9661	407	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9643	408	27.71	\$348.00*
AMD EPYC 3201	9634	409	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9632	410	6.59	\$1,462.00*
Intel Xeon E3-1231 v3 @ 3.40GHz	9629	411	18.88	\$509.95
Intel Xeon E-2224G @ 3.50GHz	9617	412	44.12	\$218.00*
Intel Xeon E3-1245 v3 @ 3.40GHz	9586	413	37.59	\$255.00
Intel Core i7-4790S @ 3.20GHz	9557	414	35.53	\$269.00*
Intel Xeon E5-4610 @ 2.40GHz	9552	415	7.81	\$1,223.00*
Intel Core i7-6920HQ @ 2.90GHz	9549	416	16.81	\$568.00*
Intel Core i5-8400T @ 1.70GHz	9532	417	50.44	\$189.00
Intel Core i7-3770K @ 3.50GHz	9515	418	47.58	\$199.99
Intel Xeon E5-1620 v2 @ 3.70GHz	9498	419	161.01	\$58.99
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	420	12.27	\$774.00*
Intel Core i7-10510U @ 1.80GHz	9481	421	23.18	\$409.00*
Intel Core i5-8300H @ 2.30GHz	9467	423	37.87	\$250.00*
Intel Xeon E-2124 @ 3.30GHz	9467	422	43.04	\$219.99*

 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 E5-2620 v2 @ 2.60GHz	9461	425	38.78	\$244.00
AMD FX-9370 Eight-Core	9460	426	24.99	\$378.54
Intel Core i7-5850HQ @ 2.70GHz	9459	427	21.80	\$434.00*
Intel Core i5-1035G7 @ 1.20GHz	9456	428	29.55	\$320.00*
Intel Xeon E3-1280 V2 @ 3.60GHz	9455	429	11.01	\$859.00*
Intel Core i7-4930MX @ 3.00GHz	9444	430	8.62	\$1,096.00*
Intel Xeon E3-1275 V2 @ 3.50GHz	9434	431	23.90	\$394.72*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	432	NA	NA
Intel Xeon E5-2640 @ 2.50GHz	9402	433	156.84	\$59.95
AMD Opteron 6344	9372	434	24.09	\$389.00*
Intel Core i7-4870HQ @ 2.50GHz	9349	435	NA	NA
Intel Core i7-4770S @ 3.10GHz	9347	437	15.32	\$610.00
Intel Core i7-4910MQ @ 2.90GHz	9347	436	20.32	\$459.95*
Intel Xeon E3-1535M v5 @ 2.90GHz	9345	438	15.00	\$623.00*
Intel Xeon E3-1230 v3 @ 3.30GHz	9326	439	43.38	\$215.00
AMD Ryzen 5 2400G	9321	440	78.33	\$119.00
Intel Xeon E5-4617 @ 2.90GHz	9313	441	103.59	\$89.90*
Intel Core i7-7700T @ 2.90GHz	9311	442	30.13	\$309.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	443	18.22	\$509.95*
Intel Core i7-4860HQ @ 2.40GHz	9289	444	NA	NA
Intel Core i7-3770 @ 3.40GHz	9278	445	86.97	\$106.69
Intel Xeon E5-4620 @ 2.20GHz	9248	446	68.91	\$134.21*
Intel Core i3-8350K @ 4.00GHz	9245	447	49.98	\$184.99*
Intel Core i7-7820HQ @ 2.90GHz	9244	448	24.46	\$378.00*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	449	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9221	450	230.59	\$39.99
AMD Opteron 6376	9212	451	141.72	\$65.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9204	452	12.97	\$709.95
Intel Xeon E5-2637 v2 @ 3.50GHz	9200	453	108.25	\$84.99*
Intel Core i7-3940XM @ 3.00GHz	9160	454	17.00	\$539.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9159	455	72.15	\$126.94
Intel Core i7-7820EQ @ 3.00GHz	9144	456	24.19	\$378.00*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	461	232.44	\$39.10*
Intel Core i7-6820HK @ 2.70GHz	9125	458	24.14	\$378.00*
AMD Opteron 6282 SE	9116	459	14.24	\$640.00
AMD Opteron 6378	9094	460	47.87	\$190.00
Intel Core i5-1035G1 @ 1.00GHz	9081	462	30.58	\$297.00*
Intel Core i7-4790T @ 2.70GHz	9068	463	25.19	\$359.99
Intel Xeon E5-1620 @ 3.60GHz	9068	464	139.51	\$65.00*
Intel Xeon E5-2430 v2 @ 2.50GHz	9061	465	90.61	\$100.00
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	466	NA	NA
Intel Core i7-990X @ 3.47GHz	9058	467	25.88	\$349.99*
Intel Core i7-4850HQ @ 2.30GHz	9056	468	20.87	\$434.00*
Intel Core i5-7600K @ 3.80GHz	9048	469	28.79	\$314.28
AMD FX-8370 Eight-Core	9046	470	38.37	\$235.80
AMD Ryzen 5 2400GE	9027	471	NA	NA
Intel Core i7-6700T @ 2.80GHz	8999	472	23.94	\$375.99*
Intel Core i7-3820 @ 3.60GHz	8988	474	22.47	\$399.99*
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	473	13.85	\$649.00*
Intel Core i3-9100 @ 3.60GHz	8987	475	58.98	\$152.40
Intel Core i7-4900MQ @ 2.80GHz	8986	476	15.32	\$586.67*
AMD Ryzen 7 3750H	8981	477	NA	NA
Intel Core i7-3920XM @ 2.90GHz	8981	478	8.19	\$1,096.00*
Intel Xeon W3690 @ 3.47GHz	8980	479	46.05	\$195.01
Intel Core i7-4770HQ @ 2.20GHz	8961	480	NA	NA
Intel Xeon X5679 @ 3.20GHz	8958	481	NA	NA
AMD FX-8350 Eight-Core	8957	482	45.24	\$198.00
Intel Xeon E3-1505M v5 @ 2.80GHz	8955	483	NA	NA
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	484	6.29	\$1,424.00*
Intel Core i5-8305G @ 2.80GHz	8947	485	NA	NA
Intel Core i7-8665U @ 1.90GHz	8930	486	21.83	\$409.00*
Intel Core i3-9100F @ 3.60GHz	8928	487	90.67	\$98.48
Intel Xeon E5-2630 @ 2.30GHz	8923	488	223.42	\$39.94*
Intel Xeon W3680 @ 3.33GHz	8904	489	55.67	\$159.95*
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	490	NA	NA
Intel Core i7-3770S @ 3.10GHz	8900	491	65.87	\$135.13

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6276	8889	492	52.60	\$169.00
AMD Ryzen 7 PRO 2700U	8888	493	NA	NA
Intel Core i7-8565U @ 1.80GHz	8886	494	NA	NA
Intel Xeon E3-1230 V2 @ 3.30GHz	8869	495	113.71	\$78.00
Intel Xeon E5-4610 v3 @ 1.70GHz	8853	496	7.26	\$1,219.00*
Intel Xeon X5690 @ 3.47GHz	8794	497	71.50	\$123.00
Intel Core i7-4760HQ @ 2.10GHz	8793	498	NA	NA
Intel Core i5-10210U @ 1.60GHz	8789	499	29.59	\$297.00*
Intel Core i3-9300T @ 3.20GHz	8777	500	61.38	\$143.00*
Intel Xeon E3-1290 @ 3.60GHz	8768	501	9.91	\$885.00*
Intel Core i7-7700HQ @ 2.80GHz	8766	502	23.19	\$378.00*
Intel Core i7-3840QM @ 2.80GHz	8762	503	30.32	\$289.05*
Intel Core i7-6820HQ @ 2.70GHz	8760	504	NA	NA
Intel Xeon E5-2420 v2 @ 2.20GHz	8750	505	208.30	\$42.01
Intel Core i7-980X @ 3.33GHz	8748	506	7.88	\$1,109.95
Intel Core i3-8300 @ 3.70GHz	8700	507	36.94	\$235.53
Intel Core i5-8365UE @ 1.60GHz	8698	508	29.29	\$297.00*
Intel Core i7-8650U @ 1.90GHz	8696	509	21.21	\$409.99
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	510	19.05	\$456.54
Intel Core i7-2700K @ 3.50GHz	8689	511	28.96	\$300.00
Intel Xeon E5-1428L v2 @ 2.20GHz	8679	512	17.57	\$494.00*
Intel Core i7-6700TE @ 2.40GHz	8674	513	NA	NA
Intel Core i7-4810MQ @ 2.80GHz	8649	514	45.54	\$189.95*
AMD Ryzen 7 PRO 3700U	8647	515	NA	NA
Intel Core i7-6820EQ @ 2.80GHz	8630	516	NA	NA
Intel Core i5-7600 @ 3.50GHz	8624	517	32.99	\$261.43
Intel Xeon Silver 4112 @ 2.60GHz	8611	518	16.75	\$513.99*
Intel Core i7-4770T @ 2.50GHz	8601	519	21.51	\$399.99*
Intel Xeon E5-2620 v2 @ 2.10GHz	8600	520	215.07	\$39.99
Intel Core i7-980 @ 3.33GHz	8593	521	42.97	\$199.98*
AMD Ryzen Embedded V1756B	8559	522	NA	NA
Intel Core i3-8100B @ 3.60GHz	8544	523	64.24	\$133.00*
AMD Ryzen Embedded V1807B	8528	524	NA	NA

 CPU Benchmarks

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 2800H	8498	526	NA	NA
Intel Xeon E5-2650L @ 1.80GHz	8483	527	107.39	\$79.00*
AMD Ryzen 5 PRO 3500U	8453	528	NA	NA
Intel Xeon E5-2643 @ 3.30GHz	8450	529	138.56	\$60.99
Intel Core i7-4800MQ @ 2.70GHz	8443	530	41.39	\$204.00*
Intel Xeon D-1539 @ 1.60GHz	8443	531	17.37	\$486.00*
AMD Ryzen 5 PRO 2400GE	8439	532	NA	NA
Intel Core i7-2600K @ 3.40GHz	8435	533	57.54	\$146.61
AMD Ryzen 7 3780U	8427	534	NA	NA
Intel Xeon E3-1280 @ 3.50GHz	8416	535	25.34	\$332.20
Intel Core i7-3820QM @ 2.70GHz	8404	536	29.49	\$285.00*
Intel Core i5-8365U @ 1.60GHz	8398	537	28.28	\$297.00*
AMD Ryzen 3 2300X	8367	538	NA	NA
AMD Ryzen 5 2600H	8366	539	NA	NA
AMD Ryzen 5 1400	8360	541	62.10	\$134.62
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-970 @ 3.20GHz	8360	540	16.72	\$499.95*
Intel Xeon X5680 @ 3.33GHz	8354	542	119.34	\$70.00
Intel Core i7-5700HQ @ 2.70GHz	8347	543	NA	NA
AMD Ryzen 5 3550H	8324	544	NA	NA
AMD Ryzen 3 PRO 3200G	8316	545	NA	NA
Intel Core i7-3740QM @ 2.70GHz	8310	546	34.63	\$239.95*
Intel Xeon E5-2450L @ 1.80GHz	8261	547	63.55	\$130.00*
Intel Xeon E3-1270 @ 3.40GHz	8249	548	26.19	\$315.00
Intel Core i7-8550U @ 1.80GHz	8245	549	NA	NA
AMD Ryzen 3 PRO 3200GE	8244	550	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	551	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	552	NA	NA
Intel Core i7-3770T @ 2.50GHz	8204	553	24.86	\$329.99*
AMD Ryzen 5 PRO 2500U	8202	555	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8202	554	NA	NA
Intel Core i7-2600 @ 3.40GHz	8186	556	70.45	\$116.20
Intel Core i7-5675C @ 3.10GHz	8164	557	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 E-2100 @ 2.00GHz	8138	559	27.40	\$297.00*
Intel Core i5-8350U @ 1.70GHz	8138	559	27.40	\$297.00*
Intel Core i5-5675C @ 3.10GHz	8135	560	26.25	\$309.95*
Intel Core i7-6700HQ @ 2.60GHz	8127	561	21.50	\$378.00*
Intel Core i7-3720QM @ 2.60GHz	8122	562	22.38	\$363.00*
Intel Xeon E3-1275 @ 3.40GHz	8122	563	26.72	\$304.00
AMD Ryzen 7 3700U	8109	564	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8093	565	NA	NA
Intel Core i5-6600K @ 3.50GHz	8058	566	30.63	\$263.11*
Intel Xeon D-1559 @ 1.50GHz	8055	567	NA	NA
Intel Xeon E5-2630L @ 2.00GHz	8041	568	NA	NA
Intel Xeon E3-1245 @ 3.30GHz	8040	569	75.86	\$105.99
AMD FX-8320 Eight-Core	8037	570	58.24	\$138.01
Intel Core i3-8300T @ 3.20GHz	8032	571	47.11	\$170.49*
Intel Xeon W3670 @ 3.20GHz	8021	572	16.04	\$499.99*
Intel Core i3-8100 @ 3.60GHz	8009	573	54.87	\$145.98
AMD Ryzen 3 PRO 1300	7994	574	NA	NA
Intel Xeon X5675 @ 3.07GHz	7993	575	150.86	\$52.99
Intel Core i5-5675R @ 3.10GHz	7991	576	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7990	577	NA	NA
AMD Ryzen 3 PRO 2200G	7986	578	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7986	579	29.41	\$271.57*
Intel Core i5-7600T @ 2.80GHz	7983	580	31.52	\$253.27
Intel Xeon E3-1240 @ 3.30GHz	7975	581	81.39	\$97.99
Intel Xeon E3-1225 v6 @ 3.30GHz	7958	582	34.04	\$233.80
Intel Core i5-7500 @ 3.40GHz	7937	583	38.39	\$206.75
AMD Ryzen 5 3500U	7933	584	NA	NA
Intel Core i5-8265U @ 1.60GHz	7933	585	26.71	\$297.00*
Intel Xeon E5-2620 @ 2.00GHz	7905	586	272.69	\$28.99
Intel Core i7-4860EQ @ 1.80GHz	7899	587	NA	NA
Intel Xeon E3-1505L v6 @ 2.20GHz	7887	588	NA	NA
AMD Ryzen 3 3200G	7874	589	83.78	\$93.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8370E Eight-Core	7864	590	24.57	\$320.09

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E3-1225 v5 @ 3.30GHz</u>	7834	594	<u>27.02</u>	<u>\$290.00*</u>
<u>Intel Xeon E3-1230 @ 3.20GHz</u>	7854	592	<u>81.82</u>	<u>\$95.99</u>
<u>Intel Xeon E3-1268L v3 @ 2.30GHz</u>	7850	593	NA	NA
<u>Intel Xeon E5-2430L @ 2.00GHz</u>	7834	595	<u>242.71</u>	<u>\$32.28*</u>
<u>Intel Xeon E-2104G @ 3.20GHz</u>	7825	596	<u>40.54</u>	<u>\$193.00*</u>
<u>AMD Opteron 6328</u>	7813	597	<u>13.13</u>	<u>\$595.00</u>
<u>Intel Xeon X5670 @ 2.93GHz</u>	7812	598	<u>177.76</u>	<u>\$43.95</u>
<u>Intel Core i5-4690K @ 3.50GHz</u>	7799	599	<u>49.05</u>	<u>\$159.00</u>
<u>Intel Xeon E3-1240L v5 @ 2.10GHz</u>	7793	600	<u>28.03</u>	<u>\$278.00*</u>
<u>Intel Core i5-8265UC @ 1.60GHz</u>	7780	601	NA	NA
<u>Intel Core i5-6600 @ 3.30GHz</u>	7774	602	<u>29.66</u>	<u>\$262.13*</u>
<u>Intel Xeon E3-1220 v5 @ 3.00GHz</u>	7772	603	<u>29.17</u>	<u>\$266.46*</u>
<u>AMD FX-8300 Eight-Core</u>	7770	604	<u>64.76</u>	<u>\$119.99*</u>
<u>Intel Xeon E3-1220 v6 @ 3.00GHz</u>	7769	605	<u>35.24</u>	<u>\$220.48</u>
<u>Intel Xeon E3-1235 @ 3.20GHz</u>	7757	606	<u>31.79</u>	<u>\$244.00</u>
<u>AMD FX-8310 Eight-Core</u>	7735	607	NA	NA
<u>Intel Core i7-4700HQ @ 2.40GHz</u>	7734	608	<u>20.19</u>	<u>\$383.00*</u>
<u>Intel Xeon D-1537 @ 1.70GHz</u>	7731	609	<u>13.54</u>	<u>\$571.00*</u>
<u>Intel Core i7-4710HQ @ 2.50GHz</u>	7723	610	<u>20.43</u>	<u>\$378.00*</u>
<u>Intel Xeon E5-2430 @ 2.20GHz</u>	7695	611	<u>76.10</u>	<u>\$101.12</u>
<u>Intel Core i5-4690 @ 3.50GHz</u>	7690	612	<u>32.33</u>	<u>\$237.89</u>
<u>Intel Core i7-4700MQ @ 2.40GHz</u>	7689	613	<u>40.69</u>	<u>\$189.00*</u>
<u>AMD Opteron 6238</u>	7673	614	<u>21.32</u>	<u>\$359.89*</u>
<u>Intel Core i3-9100T @ 3.10GHz</u>	7673	615	<u>62.90</u>	<u>\$122.00*</u>
<u>AMD FX-8150 Eight-Core</u>	7656	616	<u>64.36</u>	<u>\$118.95</u>
<u>Intel Core i5-8250U @ 1.60GHz</u>	7650	617	NA	NA
<u>Intel Core i5-7440HQ @ 2.80GHz</u>	7641	618	NA	NA
<u>Intel Core i7-4785T @ 2.20GHz</u>	7639	619	NA	NA
<u>Intel Core i5-4670K @ 3.40GHz</u>	7635	620	<u>25.46</u>	<u>\$299.95</u>
<u>Intel Xeon X5660 @ 2.80GHz</u>	7589	621	<u>120.07</u>	<u>\$63.21</u>
<u>Intel Core i7-3630QM @ 2.40GHz</u>	7581	622	<u>31.72</u>	<u>\$239.00*</u>
<u>AMD FX-8320E Eight-Core</u>	7576	623	<u>55.30</u>	<u>\$136.99</u>
<u>Intel Xeon E3-1226 v3 @ 3.30GHz</u>	7574	624	<u>12.73</u>	<u>\$595.00*</u>
<u>AMD Ryzen 3 1300X</u>	7551	625	<u>59.06</u>	<u>\$127.85</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)
AMD Ryzen 3 PRO 2200GE				
AMD Ryzen 3 PRO 2200GE	7524	627	NA	NA
AMD Opteron 6366 HE	7503	628	250.19	\$29.99*
Intel Xeon E3-1240L v3 @ 2.00GHz	7486	629	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	630	NA	NA
Intel Xeon W-2104 @ 3.20GHz	7475	631	29.32	\$255.00*
Intel Core i5-4670 @ 3.40GHz	7473	632	19.67	\$379.95
Intel Core i7-3615QE @ 2.30GHz	7458	633	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7457	634	18.64	\$399.99*
Intel Xeon E3-1265L V2 @ 2.50GHz	7455	635	50.37	\$148.00
Intel Core i5-4690S @ 3.20GHz	7433	636	20.69	\$359.21*
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	637	NA	NA
AMD Ryzen 5 3580U	7429	638	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4670R @ 3.00GHz	7419	639	26.88	\$276.00*
Intel Core i7-4702HQ @ 2.20GHz	7416	640	NA	NA
Intel Core i5-4670K CPT @ 3.40GHz	7411	641	NA	NA
Intel Core i5-4670S @ 3.10GHz	7407	642	34.78	\$213.00*
AMD Ryzen 7 2700U	7405	643	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7389	644	NA	NA
AMD Ryzen 5 2500U	7343	645	NA	NA
Intel Core i5-4590 @ 3.30GHz	7342	646	61.19	\$119.99
AMD Ryzen 3 2200G	7332	647	94.01	\$78.00
Intel Core i3-8100T @ 3.10GHz	7314	648	56.70	\$129.00*
Intel Core i7-4765T @ 2.00GHz	7305	649	18.26	\$399.99*
Intel Xeon X5650 @ 2.67GHz	7290	650	105.01	\$69.43
Intel Core i5-6600T @ 2.70GHz	7273	651	24.25	\$299.95*
Intel Xeon E5-1607 v4 @ 3.10GHz	7270	652	NA	NA
Intel Xeon E5-1410 @ 2.80GHz	7265	653	148.31	\$48.99*
Intel Core i5-6500 @ 3.20GHz	7247	654	45.05	\$160.89
Intel Xeon E3-1225 v3 @ 3.20GHz	7238	655	53.23	\$135.99
Intel Core i5-7400 @ 3.00GHz	7233	656	34.81	\$207.81*
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	657	25.12	\$287.90*
Intel Core i7-2960XM @ 2.70GHz	7224	658	17.62	\$409.95*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4712MQ @ 2.30GHz	7200	660	NA	NA
Intel Core i5-3570K @ 3.40GHz	7186	661	22.12	\$324.88
Intel Xeon E3-1220 v3 @ 3.10GHz	7183	662	53.61	\$133.99
Intel Core i5-4570 @ 3.20GHz	7155	663	103.70	\$69.00
Intel Core i5-3570 @ 3.40GHz	7141	664	89.28	\$79.99
Intel Core i7-4702MQ @ 2.20GHz	7131	665	32.65	\$218.45
Intel Core i5-6402P @ 2.80GHz	7100	666	37.37	\$189.99*
Intel Core i7-2600S @ 2.80GHz	7092	667	67.47	\$105.12
AMD Ryzen Embedded V1605B	7087	668	NA	NA
AMD Ryzen 3 PRO 1200	7075	669	NA	NA
Intel Core i5-4590S @ 3.00GHz	7075	670	33.52	\$211.07
Intel Xeon E5-2420 @ 1.90GHz	7063	671	18.11	\$390.02*
AMD Ryzen 3 PRO 2300U	7053	672	NA	NA
Intel Xeon E5-1607 v3 @ 3.10GHz	7039	673	NA	NA
AMD FX-6350 Six-Core	7022	674	48.44	\$144.99
Intel Core i7-2920XM @ 2.50GHz	6998	675	15.89	\$440.44*
Intel Xeon W-2102 @ 2.90GHz	6981	676	29.70	\$235.05*
Intel Xeon D-1521 @ 2.40GHz	6980	677	NA	NA
AMD Ryzen 3 2200GE	6976	679	NA	NA
Intel Xeon X5687 @ 3.60GHz	6976	678	123.88	\$56.32*
Intel Xeon E3-1225 V2 @ 3.20GHz	6968	680	100.99	\$69.00
Intel Core i5-3550 @ 3.30GHz	6966	681	69.67	\$99.99*
Intel Core i5-7500T @ 2.70GHz	6956	682	22.88	\$304.08
AMD FX-6330 Six-Core	6954	683	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6953	684	12.85	\$541.00*
Intel Xeon Platinum 8151 @ 3.40GHz	6947	685	NA	NA
Intel Core i7-3632QM @ 2.20GHz	6927	686	30.92	\$224.05
Intel Xeon E5-2609 v4 @ 1.70GHz	6925	687	19.25	\$359.73*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3550S @ 3.00GHz	6916	688	22.87	\$302.45
Intel Xeon Bronze 3106 @ 1.70GHz	6890	689	19.34	\$356.27*
AMD Ryzen 3 PRO 3300U	6888	690	NA	NA
Intel Xeon E5649 @ 2.53GHz	6871	691	66.03	\$104.07*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E5-2680 @ 2.60GHz</u>	6832	693	<u>48.81</u>	<u>\$139.99</u>
<u>Intel Core i7-3612QM @ 2.10GHz</u>	6817	694	NA	NA
<u>Intel Core i5-6440HQ @ 2.60GHz</u>	6807	695	NA	NA
<u>AMD Ryzen 3 1200</u>	6799	696	<u>113.34</u>	<u>\$59.99</u>
<u>AMD Opteron 6220</u>	6785	697	<u>113.11</u>	<u>\$59.99*</u>
<u>Intel Core i5-4570R @ 2.70GHz</u>	6768	698	NA	NA
<u>Intel Core i7-2840QM @ 2.40GHz</u>	6766	699	NA	NA
<u>AMD Opteron 4386</u>	6761	700	<u>48.30</u>	<u>\$139.99*</u>
<u>Intel Core i5-3570S @ 3.10GHz</u>	6759	701	<u>23.72</u>	<u>\$285.00*</u>
<u>Intel Core i5-6400 @ 2.70GHz</u>	6754	703	<u>29.52</u>	<u>\$228.83*</u>
<u>Intel Xeon X5677 @ 3.47GHz</u>	6754	702	<u>79.46</u>	<u>\$85.00*</u>
<u>AMD Opteron 6272</u>	6748	704	<u>96.42</u>	<u>\$69.99</u>
<u>Intel Xeon E3-1220 V2 @ 3.10GHz</u>	6733	705	<u>112.30</u>	<u>\$59.96</u>
<u>Intel Core i7-4770TE @ 2.30GHz</u>	6732	706	NA	NA
<u>Intel Core i5-3470 @ 3.20GHz</u>	6724	707	<u>96.11</u>	<u>\$69.97</u>
<u>Intel Core i5-4460 @ 3.20GHz</u>	6724	708	<u>32.91</u>	<u>\$204.31</u>
<u>Intel Core i5-7300HQ @ 2.50GHz</u>	6717	709	NA	NA
<u>Intel Core i7-3612QE @ 2.10GHz</u>	6712	710	NA	NA
<u>Intel Xeon E5-2648L @ 1.80GHz</u>	6698	711	NA	NA
<u>Intel Core i7-3635QM @ 2.40GHz</u>	6677	712	NA	NA
<u>Intel Core i5-2550K @ 3.40GHz</u>	6672	713	<u>35.12</u>	<u>\$190.00*</u>
<u>AMD Opteron 4284</u>	6660	714	<u>111.03</u>	<u>\$59.99*</u>
<u>Intel Core i7-2820QM @ 2.30GHz</u>	6646	715	<u>34.79</u>	<u>\$191.02*</u>
<u>Intel Core i7-985 @ 3.47GHz</u>	6641	716	NA	NA
<u>AMD FX-8120 Eight-Core</u>	6640	717	<u>29.81</u>	<u>\$222.73*</u>
<u>Intel Xeon E5-2430L v2 @ 2.40GHz</u>	6627	718	NA	NA
<u>Intel Core i5-3475S @ 2.90GHz</u>	6621	719	<u>46.14</u>	<u>\$143.50*</u>
<u>Intel Core i3-7350K @ 4.20GHz</u>	6593	720	<u>33.65</u>	<u>\$195.95</u>
<u>Intel Atom C3958 @ 2.00GHz</u>	6586	721	<u>14.67</u>	<u>\$449.00*</u>
<u>Intel Core i5-6500TE @ 2.30GHz</u>	6580	722	<u>31.34</u>	<u>\$209.99</u>
<u>Intel Core i7-2760QM @ 2.40GHz</u>	6557	723	<u>31.23</u>	<u>\$209.95*</u>
<u>Intel Core i5-4690T @ 2.50GHz</u>	6547	724	NA	NA
<u>Intel Core i7-3610QE @ 2.30GHz</u>	6544	725	NA	NA
<u>Intel Core i5-3450 @ 3.10GHz</u>	6535	726	<u>29.80</u>	<u>\$219.33*</u>

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6820EQ @ 2.00GHz	6501	728	NA	NA
Intel Core i5-2500K @ 3.30GHz	6488	729	14.94	\$434.26*
Intel Core i7-7567U @ 3.50GHz	6465	730	7.26	\$889.98*
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	731	NA	NA
Intel Xeon X5672 @ 3.20GHz	6461	732	143.61	\$44.99*
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	733	NA	NA
AMD Opteron 4280	6430	735	128.60	\$50.00*
Intel Core i5-4460S @ 2.90GHz	6430	734	9.74	\$659.99*
Intel Xeon E5645 @ 2.40GHz	6424	736	79.01	\$81.31*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7320 @ 4.10GHz	6417	737	35.12	\$182.72*
AMD FX-6300 Six-Core	6408	738	34.93	\$183.46
Intel Core i5-3470S @ 2.90GHz	6394	739	71.85	\$89.00
AMD Opteron 3380	6384	740	7.89	\$809.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	741	NA	NA
Intel Core i5-2500 @ 3.30GHz	6353	742	115.51	\$55.00
Intel Core i5-4430 @ 3.00GHz	6339	743	39.63	\$159.99
Intel Core i5-7400T @ 2.40GHz	6333	744	30.85	\$205.27
Intel Core i3-7300 @ 4.00GHz	6328	745	36.83	\$171.84*
Intel Core i5-6500T @ 2.50GHz	6301	746	43.46	\$144.99*
Intel Xeon E3-1260L @ 2.40GHz	6266	747	111.85	\$56.02*
Intel Core i5-4440S @ 2.80GHz	6256	748	13.51	\$462.97*
Intel Xeon E3-1220 @ 3.10GHz	6250	749	117.99	\$52.98
Intel Xeon L5640 @ 2.27GHz	6232	750	74.77	\$83.36*
Intel Core i5-3450S @ 2.80GHz	6229	751	42.96	\$145.01*
Intel Core i5-6440EQ @ 2.70GHz	6223	752	NA	NA
Intel Xeon E5-1607 v2 @ 3.00GHz	6217	753	177.91	\$34.95*
AMD FX-6130 Six-Core	6215	754	NA	NA
Intel Xeon E5-1603 v3 @ 2.80GHz	6202	755	62.03	\$99.99*
Intel Xeon X5667 @ 3.07GHz	6198	756	265.70	\$23.33*
Intel Xeon W3580 @ 3.33GHz	6183	757	28.83	\$214.50*
AMD Opteron 6174	6171	758	94.94	\$65.00
Intel Core i5-4670T @ 2.30GHz	6155	759	23.76	\$259.02*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2450P @ 3.20GHz	6149	761	68.34	\$89.99*
AMD Ryzen 3 3300U	6143	762	NA	NA
AMD FX-8140 Eight-Core	6133	763	NA	NA
AMD PRO A12-9800	6132	764	36.29	\$169.00*
Intel Core i3-8109U @ 3.00GHz	6128	765	NA	NA
Intel Core i7-975 @ 3.33GHz	6114	766	15.14	\$403.90*
AMD FX-6200 Six-Core	6107	767	17.97	\$339.95
AMD Ryzen 3 2300U	6104	768	NA	NA
Intel Core i5-3340 @ 3.10GHz	6102	769	20.83	\$293.01*
Intel Core i7-2720QM @ 2.20GHz	6100	770	32.11	\$189.95*
AMD Opteron 4334	6099	771	28.18	\$216.42*
Intel Core i5-6300HQ @ 2.30GHz	6096	772	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	6094	773	95.24	\$63.99
AMD Opteron 3365	6088	775	NA	NA
Intel Xeon W5590 @ 3.33GHz	6088	774	2.43	\$2,508.95*
AMD PRO A12-8870	6067	776	NA	NA
Intel Xeon W3570 @ 3.20GHz	6047	777	12.60	\$479.95*
Intel Core i3-6320 @ 3.90GHz	6046	778	14.93	\$405.00
Intel Core i7-7660U @ 2.50GHz	5988	779	NA	NA
Intel Core i5-2400 @ 3.10GHz	5972	780	108.68	\$54.95
AMD FX-8100 Eight-Core	5964	781	42.00	\$142.00*
Intel Xeon E3-1265L @ 2.40GHz	5961	782	6.49	\$918.35*
Intel Core i5-4430S @ 2.70GHz	5956	783	37.23	\$159.99*
Intel Core i5-3330 @ 3.00GHz	5953	784	29.77	\$200.00*
AMD Opteron 6234	5938	785	198.27	\$29.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-10110U @ 2.10GHz	5930	786	NA	NA
Intel Core i3-1005G1 @ 1.20GHz	5929	787	21.10	\$281.00*
Intel Core i5-3570T @ 2.30GHz	5914	788	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	5901	790	23.60	\$250.00*
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	789	55.66	\$106.03*
Intel Core i7-2670QM @ 2.20GHz	5877	791	42.47	\$138.40
Intel Xeon E5-1607 @ 3.00GHz	5877	792	210.27	\$27.95*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD PRO A10-8850B</u>	5852	794	NA	NA
<u>Intel Core i7-965 @ 3.20GHz</u>	5850	795	<u>41.79</u>	<u>\$139.99*</u>
<u>Intel Core i5-3340S @ 2.80GHz</u>	5846	796	<u>38.98</u>	<u>\$149.99*</u>
<u>Intel Core i3-6300 @ 3.80GHz</u>	5843	797	<u>36.75</u>	<u>\$158.99*</u>
<u>Intel Xeon W5580 @ 3.20GHz</u>	5836	798	<u>54.53</u>	<u>\$107.03*</u>
<u>Intel Core i7-960 @ 3.20GHz</u>	5798	799	<u>20.71</u>	<u>\$280.00</u>
<u>Intel Xeon X5647 @ 2.93GHz</u>	5797	800	<u>290.91</u>	<u>\$19.93*</u>
<u>Intel Core i5-3335S @ 2.70GHz</u>	5788	801	NA	NA
<u>Intel Core i3-7100 @ 3.90GHz</u>	5780	802	<u>47.83</u>	<u>\$120.85</u>
<u>Intel Xeon W3565 @ 3.20GHz</u>	5778	803	<u>289.05</u>	<u>\$19.99*</u>
<u>AMD Opteron 6212</u>	5776	804	<u>192.62</u>	<u>\$29.99*</u>
<u>Intel Core i5-2320 @ 3.00GHz</u>	5774	805	<u>62.09</u>	<u>\$93.00</u>
<u>Intel Core i7-7560U @ 2.40GHz</u>	5770	806	NA	NA
<u>Intel Core i7-2710QE @ 2.10GHz</u>	5768	807	NA	NA
<u>Intel Core i5-2380P @ 3.10GHz</u>	5762	808	<u>32.01</u>	<u>\$180.00</u>
<u>ZHAOXIN KaiXian KX-U6780A@2.7GHz</u>	5760	809	NA	NA
<u>Intel Xeon D-1520 @ 2.20GHz</u>	5755	810	NA	NA
<u>AMD FX-6120 Six-Core</u>	5749	811	NA	NA
<u>Intel Pentium Gold G5600F @ 3.90GHz</u>	5736	812	NA	NA
<u>AMD Phenom II X6 1100T</u>	5708	813	<u>32.16</u>	<u>\$177.49*</u>
<u>AMD PRO A10-8770</u>	5707	814	NA	NA
<u>AMD A10-7890K</u>	5706	815	<u>28.53</u>	<u>\$199.99*</u>
<u>Intel Core i5-3330S @ 2.70GHz</u>	5678	816	<u>59.78</u>	<u>\$94.99*</u>
<u>Intel Xeon X3480 @ 3.07GHz</u>	5661	817	NA	NA
<u>Intel Core i5-7287U @ 3.30GHz</u>	5656	818	NA	NA
<u>Intel Core i5-7260U @ 2.20GHz</u>	5637	819	<u>10.11</u>	<u>\$557.79</u>
<u>Intel Xeon Bronze 3104 @ 1.70GHz</u>	5632	820	<u>23.32</u>	<u>\$241.46</u>
<u>Intel Core i5-4590T @ 2.00GHz</u>	5625	821	<u>26.80</u>	<u>\$209.95*</u>
<u>Intel Xeon L5638 @ 2.00GHz</u>	5622	822	<u>80.43</u>	<u>\$69.90*</u>
<u>Intel Core i5-6400T @ 2.20GHz</u>	5617	823	<u>21.61</u>	<u>\$259.95*</u>
<u>Intel Core i3-4370 @ 3.80GHz</u>	5616	824	<u>18.18</u>	<u>\$309.00*</u>
<u>AMD Opteron 4332 HE</u>	5614	825	NA	NA
<u>Intel Xeon X5570 @ 2.93GHz</u>	5614	826	<u>23.40</u>	<u>\$239.95*</u>
<u>AMD A10-8850</u>	5604	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 Athlon X4 880K	5582	829	NA	NA
AMD Athlon X4 880K	5580	830	55.81	\$99.99*
AMD A12-9800	5579	831	37.64	\$148.24*
Intel Xeon E5-1603 @ 2.80GHz	5577	832	279.17	\$19.98
Intel Pentium Gold G5600 @ 3.90GHz	5570	833	58.66	\$94.97
Intel Xeon W3550 @ 3.07GHz	5567	834	185.63	\$29.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon PRO 300GE	5560	836	NA	NA
AMD Phenom II X6 1090T	5560	835	36.10	\$154.04*
Intel Core i7-2675QM @ 2.20GHz	5546	837	NA	NA
Intel Core i7-950 @ 3.07GHz	5539	838	138.53	\$39.99
Intel Core i5-2310 @ 2.90GHz	5535	839	29.71	\$186.33*
Intel Core i3-8145U @ 2.10GHz	5521	840	19.65	\$281.00*
Intel Core i7-2630QM @ 2.00GHz	5521	841	54.12	\$102.02*
Intel Core i7-880 @ 3.07GHz	5505	842	9.44	\$583.00*
Intel Core i3-6100 @ 3.70GHz	5484	843	47.69	\$114.99
AMD Athlon 240GE	5478	844	87.39	\$62.69
Intel Core i7-2635QM @ 2.00GHz	5478	845	NA	NA
AMD A10-7870K	5476	846	24.12	\$226.99*
AMD PRO A10-8750B	5473	847	NA	NA
AMD A10-7850K APU	5469	849	32.68	\$167.33*
Intel Xeon E5-2603 v4 @ 1.70GHz	5469	848	21.04	\$260.00*
AMD A8-8650	5465	850	NA	NA
AMD Opteron 6176 SE	5465	851	34.37	\$159.00*
Intel Core i3-4360 @ 3.70GHz	5463	852	21.09	\$259.00*
Intel Pentium Gold G5420 @ 3.80GHz	5447	853	80.11	\$68.00
Intel Core i7-875K @ 2.93GHz	5421	854	16.90	\$320.76*
AMD Athlon X4 860K	5410	855	40.09	\$134.95*
AMD Athlon X4 845	5408	856	101.80	\$53.13*
AMD FX-6100 Six-Core	5405	858	20.95	\$258.00*
Intel Xeon X5560 @ 2.80GHz	5405	857	159.04	\$33.99*
AMD Opteron 3280	5403	859	19.78	\$273.18*
Intel Xeon W3540 @ 2.93GHz	5399	860	271.06	\$19.92*

 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 Core i5-2500S @ 2.70GHz	5386	862	71.84	\$74.99*
AMD A10-9700	5385	863	64.68	\$83.26
AMD A10 PRO-7850B APU	5380	864	NA	NA
Intel Core i3-7300T @ 3.50GHz	5369	865	29.57	\$181.59*
Intel Core i7-2715QE @ 2.10GHz	5365	866	NA	NA
Intel Core i5-2300 @ 2.80GHz	5362	867	67.04	\$79.99*
AMD Opteron 6164 HE	5351	868	NA	NA
AMD FX-4350 Quad-Core	5340	869	12.42	\$430.00
Intel Core i7-870 @ 2.93GHz	5339	870	56.00	\$95.35
Intel Core i7-940 @ 2.93GHz	5333	871	51.28	\$103.99*
AMD FX-4330	5328	872	NA	NA
Intel Xeon X3470 @ 2.93GHz	5326	873	33.30	\$159.95
AMD Phenom II X6 1075T	5325	874	47.13	\$112.99*
AMD A8-7680	5322	875	88.73	\$59.99*
Intel Xeon D-1518 @ 2.20GHz	5322	876	NA	NA
AMD Athlon X4 870K	5320	877	66.52	\$79.99*
AMD PRO A8-9600	5277	878	44.35	\$119.00*
Intel Xeon X5550 @ 2.67GHz	5270	879	17.29	\$304.85*
AMD Opteron 6172	5261	880	26.57	\$198.00*
Intel Xeon E5640 @ 2.67GHz	5250	881	187.60	\$27.99*
Intel Core i3-6300T @ 3.30GHz	5247	882	33.86	\$154.99*
Intel Core i3-4340 @ 3.60GHz	5242	883	30.84	\$169.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 220GE	5237	884	75.00	\$69.83
AMD Athlon X4 950	5225	885	75.20	\$69.48
AMD PRO A8-8650B	5223	886	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5218	887	80.30	\$64.99
Intel Xeon W3530 @ 2.80GHz	5217	888	17.75	\$293.95*
Intel Pentium G4620 @ 3.70GHz	5214	889	45.88	\$113.66*
Intel Xeon E5-2418L @ 2.00GHz	5202	890	NA	NA
Intel Pentium Gold G5500 @ 3.80GHz	5195	891	30.57	\$169.94*
Intel Core i3-4170 @ 3.70GHz	5192	892	19.46	\$266.79
Intel Core i3-7101TE @ 3.40GHz	5189	893	44.36	\$117.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD PRO A10-9700E</u>	5179	895	77.05	\$67.23
<u>AMD Athlon PRO 200GE</u>	5163	896	NA	NA
<u>Intel Core i5-7300U @ 2.60GHz</u>	5161	897	10.98	\$469.99
<u>Intel Xeon E5-2609 v2 @ 2.50GHz</u>	5160	898	108.63	\$47.50*
<u>Intel Pentium Gold G5420T @ 3.20GHz</u>	5156	899	80.57	\$64.00*
<u>Intel Xeon X3460 @ 2.80GHz</u>	5147	900	14.42	\$357.00*
<u>Intel Core i7-930 @ 2.80GHz</u>	5132	901	46.66	\$109.99
<u>Intel Core i7-7500U @ 2.70GHz</u>	5125	902	NA	NA
<u>AMD A10-7700K APU</u>	5120	903	40.81	\$125.47*
<u>AMD Ryzen 3 PRO 2100GE</u>	5113	904	NA	NA
<u>Intel Core i7-7600U @ 2.80GHz</u>	5110	905	NA	NA
<u>AMD A12-9800E</u>	5087	907	38.72	\$131.38*
<u>Intel Core i3-4330 @ 3.50GHz</u>	5087	906	46.67	\$109.00
<u>AMD A8-7670K</u>	5083	908	31.56	\$161.10*
<u>Intel Core i5-2405S @ 2.50GHz</u>	5082	909	24.44	\$208.00*
<u>Intel Pentium G4600 @ 3.60GHz</u>	5076	910	21.16	\$239.95
<u>AMD Athlon X4 840</u>	5070	911	64.39	\$78.74*
<u>AMD Embedded R-Series RX-418GD Radeon R6</u>	5068	912	NA	NA
<u>AMD PRO A10-9700E</u>	5066	913	36.45	\$139.00*
<u>AMD A10-8750</u>	5064	914	NA	NA
<u>AMD A8-7600 APU</u>	5063	915	34.46	\$146.94*
<u>Intel Xeon E5630 @ 2.53GHz</u>	5055	916	144.43	\$35.00*
<u>Intel Core i3-7100T @ 3.40GHz</u>	5049	917	34.60	\$145.92
<u>Intel Core i3-4160 @ 3.60GHz</u>	5048	918	56.10	\$89.99
<u>AMD A10-7860K</u>	5047	919	28.85	\$175.00*
<u>AMD Phenom II X6 1405T</u>	5042	920	NA	NA
<u>AMD PRO A10-8770E</u>	5035	921	NA	NA
<u>AMD Phenom II X6 1065T</u>	5029	922	NA	NA
<u>AMD Opteron 4365 EE</u>	5025	923	NA	NA
<u>Intel Core i7-860 @ 2.80GHz</u>	5024	924	17.33	\$289.95*
<u>AMD FX-870K Quad Core</u>	5021	925	NA	NA
<u>Intel Core i3-8130U @ 2.20GHz</u>	5017	926	17.86	\$281.00*
<u>AMD PRO A8-8670E</u>	5015	927	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 E5-2680 @ 2.60GHz	4999	928	NA	NA
Intel Core i5-7267U @ 3.10GHz	4999	929	NA	NA
AMD FX-4320	4997	930	NA	NA
Intel Core i3-4350 @ 3.60GHz	4990	931	29.36	\$169.99*
Intel Core i5-2400S @ 2.50GHz	4988	932	27.41	\$182.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10 PRO-7800B APU	4979	933	NA	NA
Intel Core i7-6650U @ 2.20GHz	4977	934	NA	NA
AMD A10-7800 APU	4974	935	48.11	\$103.39*
Intel Core i5-4460T @ 1.90GHz	4971	936	NA	NA
AMD A8-9600	4968	937	73.08	\$67.99
AMD Phenom II X6 1055T	4966	938	45.54	\$109.05
AMD Athlon 200GE	4956	939	79.47	\$62.37
Intel Core i7-5557U @ 3.10GHz	4953	940	7.03	\$705.00*
Intel Xeon W3520 @ 2.67GHz	4940	941	102.93	\$48.00*
Intel Core i3-4570T @ 2.90GHz	4934	942	NA	NA
AMD A8-7650K	4929	943	42.87	\$114.99
Intel Core i5-24050S @ 2.50GHz	4928	944	NA	NA
Intel Core i7-860S @ 2.53GHz	4919	945	24.60	\$199.99*
Intel Core i7-4610M @ 3.00GHz	4915	946	NA	NA
Intel Core i7-920 @ 2.67GHz	4913	947	119.85	\$41.00
Intel Core i7-4600M @ 2.90GHz	4902	948	NA	NA
Intel Core i3-4150 @ 3.50GHz	4901	949	49.51	\$99.00
Intel Core i5-6267U @ 2.90GHz	4888	950	NA	NA
AMD Opteron X3421 APU	4886	951	NA	NA
Intel Pentium Gold G5400T @ 3.10GHz	4884	952	76.31	\$64.00*
Intel Core i3-4370T @ 3.30GHz	4870	953	35.29	\$138.00*
AMD FX-4170 Quad-Core	4869	954	48.70	\$99.99*
AMD Opteron 6274	4865	956	108.15	\$44.99
Intel Xeon X5492 @ 3.40GHz	4865	955	3.50	\$1,391.29*
Intel Pentium G4560 @ 3.50GHz	4864	957	49.43	\$98.42*
Intel Core i5-4340M @ 2.90GHz	4861	958	NA	NA
AMD A10-6800K APU	4857	959	55.34	\$87.76*
Intel Core i3-6100T @ 3.20GHz	4854	960	35.96	\$134.99*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z8700 @ 1.86GHz	4855	961	21.95	\$209.95
Intel Core i7-870S @ 2.67GHz	4849	962	NA	NA
AMD A10-6800B APU	4822	963	NA	NA
Intel Core i5-4570T @ 2.90GHz	4818	965	22.95	\$209.95
Intel Core i7-6560U @ 2.20GHz	4818	964	NA	NA
AMD FX-770K Quad-Core	4814	966	NA	NA
Intel Core i3-4130 @ 3.40GHz	4804	967	53.39	\$89.99
Intel Core i3-8121U @ 2.20GHz	4802	968	NA	NA
AMD Phenom II X6 1045T	4800	970	44.44	\$108.01*
Intel Core i7-6600U @ 2.60GHz	4800	969	NA	NA
AMD FX-9830P	4783	971	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	972	NA	NA
Intel Xeon E5620 @ 2.40GHz	4771	973	80.88	\$58.99*
AMD PRO A12-9800E	4769	974	28.22	\$169.00*
Intel Core i3-7167U @ 2.80GHz	4757	975	NA	NA
AMD A8 PRO-7600B APU	4752	976	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	977	15.63	\$304.00*
AMD A10-9700E	4747	979	43.17	\$109.98
Intel Xeon E5540 @ 2.53GHz	4747	980	80.46	\$59.00*
Intel Xeon X3450 @ 2.67GHz	4747	978	59.39	\$79.95*
Intel Xeon E5-2407 v2 @ 2.40GHz	4724	981	51.49	\$91.75
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-6790K APU	4714	982	49.64	\$94.99*
AMD Opteron 2435	4708	983	72.44	\$65.00
AMD Ryzen 3 3200U	4704	984	NA	NA
AMD Athlon X4 830	4701	985	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	986	NA	NA
AMD FX-4300 Quad-Core	4695	987	29.91	\$156.97
AMD Athlon 300U	4688	988	NA	NA
Intel Core i5-6360U @ 2.00GHz	4686	989	NA	NA
Intel Core i7-3540M @ 3.00GHz	4667	990	10.86	\$429.95*
AMD Phenom II X6 1035T	4665	991	24.68	\$189.00*
AMD Opteron X3418 APU	4659	992	NA	NA
Intel Core i5-4310M @ 2.70GHz	4654	993	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 3 2200U	4647	995	51.64	\$89.99*
Intel Core i5-2500T @ 2.30GHz	4647	995	51.64	\$89.99*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	996	2.57	\$1,805.95*
Intel Core i3-4360T @ 3.20GHz	4636	997	NA	NA
AMD Embedded R-Series RX-421BD	4635	998	NA	NA
AMD Opteron 6136	4631	999	42.10	\$110.00*
AMD FX-7600P APU	4627	1000	NA	NA
Intel Core i3-7100H @ 3.00GHz	4627	1001	20.57	\$225.00*
AMD A10-5800B APU	4614	1003	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	1002	2.87	\$1,608.95*
AMD A8-6500B APU	4612	1004	NA	NA
AMD FX-B4150 Quad-Core	4611	1005	NA	NA
Intel Xeon E5-2609 @ 2.40GHz	4607	1006	47.97	\$96.04*
AMD A10-6700 APU	4605	1007	39.37	\$116.99*
Intel Xeon X3380 @ 3.16GHz	4600	1008	9.02	\$509.95*
AMD Athlon X4 760K Quad Core	4597	1009	109.51	\$41.98*
AMD FX-4150 Quad-Core	4594	1010	NA	NA
AMD A8-6600K APU	4592	1011	47.35	\$96.99*
AMD Ryzen 3 2200U	4584	1012	NA	NA
Intel Xeon X5470 @ 3.33GHz	4578	1013	24.23	\$189.00*
Intel Core i5-7200U @ 2.50GHz	4563	1014	16.24	\$281.00*
AMD Ryzen Embedded R1505G	4555	1016	NA	NA
Intel Core 860 @ 2.80GHz	4555	1015	26.96	\$169.00*
AMD Athlon X4 750 Quad Core	4551	1017	NA	NA
Intel Core i5-4330M @ 2.80GHz	4551	1018	16.55	\$274.99*
AMD FX-670K Quad-Core	4550	1019	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	1020	17.10	\$266.00*
Intel Core i7-3520M @ 2.90GHz	4548	1021	34.45	\$132.02*
AMD FirePro A320 APU	4540	1022	NA	NA
Intel Core i5-4210H @ 2.90GHz	4532	1023	NA	NA
Intel Xeon X5482 @ 3.20GHz	4529	1024	45.30	\$99.99*
AMD Opteron 2431	4516	1025	112.91	\$40.00*
Intel Xeon X3440 @ 2.53GHz	4511	1026	31.78	\$141.96*
Intel Xeon E5-2637 @ 3.00GHz	4508	1027	5.09	\$885.00*
AMD Opteron 6128	4505	1028	237.24	\$18.99

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core E5530 @ 2.40GHz</u>				
Intel Xeon E5530 @ 2.40GHz	4494	1030	345.72	\$13.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i3-4170T @ 3.20GHz</u>	4489	1031	21.38	\$209.95*
<u>Intel Core i5-3470T @ 2.90GHz</u>	4489	1032	14.53	\$308.95*
<u>AMD Phenom II X4 980</u>	4488	1033	19.52	\$229.99*
<u>Intel Core i3-4330T @ 3.00GHz</u>	4485	1034	NA	NA
<u>AMD A10-9630P</u>	4474	1035	NA	NA
<u>Intel Core i7-6498DU @ 2.50GHz</u>	4470	1036	NA	NA
<u>Intel Core i3-4160T @ 3.10GHz</u>	4465	1037	29.77	\$149.99*
<u>Intel Core i3-3245 @ 3.40GHz</u>	4463	1038	25.95	\$172.01*
<u>Intel Core i3-3250 @ 3.50GHz</u>	4460	1039	63.73	\$70.00
<u>Intel Core i5-4200H @ 2.80GHz</u>	4459	1040	NA	NA
<u>AMD Phenom II X4 975</u>	4450	1041	31.86	\$139.69*
<u>Intel Core i5-3380M @ 2.90GHz</u>	4448	1042	NA	NA
<u>AMD Ryzen Embedded V1202B</u>	4447	1043	NA	NA
<u>Intel Core i5-4300M @ 2.60GHz</u>	4446	1044	NA	NA
<u>Intel Core i5-3360M @ 2.80GHz</u>	4439	1045	47.84	\$92.81*
<u>Intel Core i7-6500U @ 2.50GHz</u>	4423	1046	11.26	\$393.00*
<u>Intel Xeon E3-1220L V2 @ 2.30GHz</u>	4419	1047	NA	NA
<u>AMD Opteron 4184</u>	4418	1048	8.50	\$519.95*
<u>AMD A12-9730P</u>	4417	1049	NA	NA
<u>Intel Core i5-5257U @ 2.70GHz</u>	4411	1050	NA	NA
<u>Intel Core i7-4558U @ 2.80GHz</u>	4401	1051	NA	NA
<u>AMD A8-6500 APU</u>	4393	1052	46.26	\$94.99*
<u>Intel Xeon L5530 @ 2.40GHz</u>	4389	1053	227.93	\$19.26*
<u>AMD PRO A10-9700B</u>	4380	1054	NA	NA
<u>Intel Xeon E5520 @ 2.27GHz</u>	4379	1055	306.91	\$14.27*
<u>Intel Core i5-4278U @ 2.60GHz</u>	4371	1056	NA	NA
<u>AMD RX-427BB</u>	4364	1058	NA	NA
<u>Intel Core i5-6300U @ 2.40GHz</u>	4364	1057	NA	NA
<u>Intel Core i5-6260U @ 1.80GHz</u>	4360	1059	8.40	\$518.99*
<u>Intel Core i3-3225 @ 3.30GHz</u>	4346	1060	13.37	\$324.99
<u>Intel Pentium Gold G5500T @ 3.20GHz</u>	4346	1061	57.95	\$75.00*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 970	4316	1071	29.14	\$148.11*
Intel Core i5-8200Y @ 1.30GHz	4339	1063	14.91	\$291.00*
Intel Xeon L5630 @ 2.13GHz	4338	1064	206.69	\$20.99*
Intel Core i7-4560U @ 1.60GHz	4329	1066	NA	NA
Intel Core i7-5600U @ 2.60GHz	4329	1065	NA	NA
Intel Core i3-2140 @ 3.50GHz	4325	1067	NA	NA
Intel Xeon L5520 @ 2.27GHz	4324	1068	337.35	\$12.82*
Intel Xeon X5460 @ 3.16GHz	4323	1069	43.33	\$99.78*
AMD Phenom II X4 970	4316	1071	29.14	\$148.11*
Intel Core i3-3240 @ 3.40GHz	4316	1070	86.33	\$50.00
Intel Core i3-6100TE @ 2.70GHz	4304	1072	NA	NA
Intel Core i5-4288U @ 2.60GHz	4303	1073	NA	NA
Intel Core i3-4350T @ 3.10GHz	4302	1074	NA	NA
Intel Xeon X3370 @ 3.00GHz	4293	1075	11.70	\$367.02*
AMD Athlon X4 750K Quad Core	4272	1077	55.49	\$76.99*
Intel Xeon X5698 @ 4.40GHz	4272	1076	NA	NA
AMD FX-4200 Quad-Core	4270	1078	18.71	\$228.21*
Intel Pentium G4600T @ 3.00GHz	4266	1079	24.06	\$177.28*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B70	4261	1080	NA	NA
AMD PRO A12-8830B	4259	1081	NA	NA
Intel Core i5-3340M @ 2.70GHz	4249	1082	53.15	\$79.95*
Intel Core i3-3220 @ 3.30GHz	4246	1083	77.22	\$54.99
Intel Core i7-5650U @ 2.20GHz	4242	1084	NA	NA
Intel Core i3-4150T @ 3.00GHz	4227	1085	18.39	\$229.95*
Intel Core i5-8210Y @ 1.60GHz	4227	1086	NA	NA
Intel Core i5-2390T @ 2.70GHz	4223	1087	42.27	\$99.90*
Intel Core i3-6100H @ 2.70GHz	4219	1089	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	1088	NA	NA
AMD A10-5700 APU	4214	1090	65.35	\$64.50*
Intel Core i5-4210M @ 2.60GHz	4209	1091	13.58	\$309.95*
Intel Xeon E5-2407 @ 2.20GHz	4188	1092	49.32	\$84.92*
AMD FX-8800P	4187	1093	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1094	38.05	\$109.98

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 965	4177	1096	49.70	\$84.07
AMD Phenom II X4 B65	4172	1097	NA	NA
AMD FX-4130 Quad-Core	4162	1098	54.77	\$75.99*
Intel Core2 Extreme X9650 @ 3.00GHz	4156	1100	4.83	\$859.99*
Intel Core2 Quad Q9650 @ 3.00GHz	4156	1099	38.09	\$109.11
Intel Core i3-4130T @ 2.90GHz	4151	1101	46.65	\$88.99*
Intel Core i5-6198DU @ 2.30GHz	4149	1102	NA	NA
AMD Opteron 3350 HE	4141	1103	NA	NA
Intel Core i7-3687U @ 2.10GHz	4136	1104	NA	NA
Intel Core i5-3320M @ 2.60GHz	4133	1105	59.21	\$69.81*
AMD Phenom II X4 B99	4126	1106	NA	NA
AMD Athlon II X4 559	4125	1107	NA	NA
AMD PRO A12-8800B	4111	1108	NA	NA
Intel Xeon X5450 @ 3.00GHz	4106	1109	68.49	\$59.96*
Intel Core i7-4600U @ 2.10GHz	4104	1110	NA	NA
AMD PRO A12-9800B	4095	1111	NA	NA
Intel Core i5-4258U @ 2.40GHz	4090	1112	NA	NA
Intel Xeon E5472 @ 3.00GHz	4085	1113	136.00	\$30.04*
AMD FX-4100 Quad-Core	4076	1114	26.56	\$153.45*
Intel Core i3-2130 @ 3.40GHz	4073	1115	66.79	\$60.99
Intel Core i3-7130U @ 2.70GHz	4062	1116	8.83	\$459.99*
AMD FX-7600P	4050	1117	NA	NA
Intel Core i3-3210 @ 3.20GHz	4044	1118	20.32	\$199.00*
Intel Core i5-4200M @ 2.50GHz	4036	1119	49.76	\$81.12*
AMD Phenom II X4 B60	4032	1120	NA	NA
AMD Athlon X4 740 Quad Core	4031	1121	14.55	\$277.00*
AMD A8-5500B APU	4023	1122	NA	NA
Intel Core i3-2125 @ 3.30GHz	4015	1123	19.40	\$207.00*
Intel Core i5-6200U @ 2.30GHz	4009	1124	NA	NA
Intel Xeon X5472 @ 3.00GHz	4001	1125	17.78	\$225.00*
AMD A8-5500 APU	3998	1126	70.77	\$56.50*
AMD A12-9720P	3993	1127	NA	NA
Intel Pentium G4560T @ 2.90GHz	3990	1128	36.28	\$109.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
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 CPU Benchmarks

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CPU Name	Mark (higher is better)	(lower is better)	(higher is better)	(USD)
Intel Xeon X3363 @ 2.83GHz	3982	1129	116.84	\$34.09*
Intel Core i7-5500U @ 2.40GHz	3980	1130	NA	NA
Intel Core i7-3667U @ 2.00GHz	3973	1131	NA	NA
Intel Core i7-940XM @ 2.13GHz	3970	1132	NA	NA
Intel Core i7-3555LE @ 2.50GHz	3966	1133	NA	NA
AMD PRO A8-9600B	3964	1134	NA	NA
AMD PRO A10-8730B	3962	1136	NA	NA
Intel Core2 Quad Q9550 @ 2.83GHz	3962	1135	89.07	\$44.49*
Intel Xeon E5440 @ 2.83GHz	3960	1137	40.00	\$99.00*
AMD FX-9800P	3956	1138	NA	NA
Intel Core i7-4650U @ 1.70GHz	3950	1139	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	1141	NA	NA
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1140	NA	NA
AMD Phenom Ultra X4 24500	3945	1142	NA	NA
Intel Core i7-8500Y @ 1.50GHz	3945	1143	10.04	\$393.00*
Intel Core i5-3230M @ 2.60GHz	3944	1144	18.14	\$217.42
Intel Xeon L3426 @ 1.87GHz	3943	1145	8.82	\$447.01*
Intel Core i5-760 @ 2.80GHz	3936	1146	18.84	\$209.00*
Intel Xeon X3360 @ 2.83GHz	3934	1147	24.91	\$157.95*
Intel Core i3-2120 @ 3.30GHz	3932	1148	56.17	\$70.00
Intel Core i5-3610ME @ 2.70GHz	3929	1149	NA	NA
Intel Core i7-2640M @ 2.80GHz	3925	1150	32.73	\$119.95*
AMD Phenom II X4 955	3917	1151	30.09	\$130.16*
Intel Core i7-4510U @ 2.00GHz	3916	1152	NA	NA
Intel Xeon E5462 @ 2.80GHz	3872	1153	141.84	\$27.30*
AMD Phenom II X4 B97	3868	1154	67.87	\$56.99*
Intel Pentium G3258 @ 3.20GHz	3865	1155	55.24	\$69.98
Intel Core i3-21050 @ 3.10GHz	3862	1156	NA	NA
Intel Core i3-4110M @ 2.60GHz	3854	1157	NA	NA
AMD Phenom II X4 B55	3853	1158	NA	NA
Intel Xeon X3353 @ 2.66GHz	3853	1159	52.43	\$73.50*
Intel Core i7-5550U @ 2.00GHz	3851	1160	NA	NA
Intel Core i5-5300U @ 2.30GHz	3841	1162	7.07	\$543.39*

 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 Core i7-2600M @ 2.93GHz	3837	1162	56.11	\$68.24*
Intel Xeon L7455 @ 2.13GHz	3836	1163	NA	NA
AMD Athlon II X4 555	3830	1164	NA	NA
Intel Core i5-3210M @ 2.50GHz	3828	1165	56.11	\$68.24*
Intel Core i5-4570TE @ 2.70GHz	3827	1166	19.14	\$199.99*
Intel Core i3-6157U @ 2.40GHz	3826	1167	NA	NA
Intel Xeon X3350 @ 2.66GHz	3820	1168	63.69	\$59.99*
AMD Athlon II X4 553	3814	1169	NA	NA
AMD Opteron 8439 SE	3813	1170	63.56	\$60.00*
Intel Pentium D1508 @ 2.20GHz	3813	1171	29.56	\$129.00*
Intel Core i7-3537U @ 2.00GHz	3809	1172	NA	NA
Intel Pentium G4500 @ 3.50GHz	3793	1173	38.51	\$98.51
Intel Core i7-4500U @ 1.80GHz	3787	1174	NA	NA
Intel Core i5-4310U @ 2.00GHz	3783	1175	NA	NA
Intel Core i5-2540M @ 2.60GHz	3781	1176	65.17	\$58.02
AMD Phenom II X4 960T	3774	1177	8.05	\$469.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-6100E @ 2.70GHz	3769	1178	NA	NA
Intel Atom C2750 @ 2.40GHz	3768	1179	16.24	\$232.00*
AMD A10-9600P	3766	1181	NA	NA
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1180	62.78	\$59.99*
Intel Xeon L3360 @ 2.83GHz	3764	1182	42.18	\$89.23*
Intel Core i3-7100U @ 2.40GHz	3763	1183	9.18	\$409.99
AMD Phenom II X4 973	3759	1184	NA	NA
Intel Core2 Quad Q9450 @ 2.66GHz	3757	1185	105.24	\$35.70*
Intel Core i5-2560M @ 2.70GHz	3752	1186	NA	NA
Intel Xeon E5430 @ 2.66GHz	3751	1187	33.80	\$110.99*
AMD Phenom II X4 977	3750	1188	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1189	NA	NA
Intel Core i5-4300U @ 1.90GHz	3740	1190	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3738	1191	NA	NA
Intel Core i3-2102 @ 3.10GHz	3736	1192	64.41	\$58.00*
Intel Core i7-920XM @ 2.00GHz	3724	1194	9.31	\$399.95*
Intel Xeon L5430 @ 2.66GHz	3724	1193	23.58	\$157.95*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2105 @ 3.10GHz	3715	1196	16.59	\$224.00*
Intel Pentium G3470 @ 3.60GHz	3714	1197	35.62	\$104.29*
AMD A12-9700P	3712	1198	NA	NA
Intel Core i3-2105 @ 3.10GHz	3712	1199	32.29	\$114.99*
Intel Core i3-3220T @ 2.80GHz	3697	1200	29.58	\$125.00
AMD Phenom II X4 B50	3696	1201	NA	NA
Intel Pentium G3450 @ 3.40GHz	3695	1202	36.96	\$99.99*
AMD A10-6700T APU	3693	1203	25.02	\$147.61*
Intel Core i3-2100 @ 3.10GHz	3692	1204	67.15	\$54.99
AMD Phenom II X4 B95	3677	1205	50.40	\$72.95*
Intel Core i5-7Y57 @ 1.20GHz	3676	1206	NA	NA
Intel Core i7-4550U @ 1.50GHz	3676	1207	NA	NA
AMD A10-9620P	3672	1208	NA	NA
Intel Core i3-5157U @ 2.50GHz	3670	1209	NA	NA
Intel Core i3-3240T @ 2.90GHz	3666	1210	NA	NA
AMD Opteron 4170 HE	3664	1211	62.11	\$59.00*
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1212	3.25	\$1,125.00*
AMD Phenom II X4 945	3653	1213	53.64	\$68.11
Intel Core2 Extreme Q6850 @ 3.00GHz	3632	1214	2.43	\$1,495.95*
Intel Core i5-3437U @ 1.90GHz	3626	1215	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1216	NA	NA
Intel Core i3-3250T @ 3.00GHz	3614	1217	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1218	NA	NA
AMD A10-7400P	3609	1219	NA	NA
Intel Core i3-6100U @ 2.30GHz	3606	1221	7.00	\$515.00*
Intel Xeon E3-1220L @ 2.20GHz	3606	1220	NA	NA
AMD Phenom II X4 840T	3597	1222	51.41	\$69.99*
Intel Core i5-2520M @ 2.50GHz	3593	1224	21.19	\$169.60*
Intel Core m3-8100Y @ 1.10GHz	3593	1223	12.79	\$281.00*
AMD Phenom II X4 940	3591	1225	60.52	\$59.34*
Intel Xeon E5-2603 @ 1.80GHz	3591	1226	75.05	\$47.85*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-5250U @ 1.60GHz	3590	1227	8.13	\$441.89*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E5-2680 v2 @ 2.60GHz</u>	3584	1229	<u>12.44</u>	<u>\$288.20*</u>
<u>Intel Core i5-4260U @ 1.40GHz</u>	3577	1230	NA	NA
<u>AMD Athlon II X4 651 Quad-Core</u>	3575	1231	<u>20.08</u>	<u>\$178.04*</u>
<u>AMD PRO A10-8700B</u>	3552	1232	NA	NA
<u>AMD Phenom II X4 850</u>	3550	1233	<u>54.64</u>	<u>\$64.99*</u>
<u>Intel Core i5-3427U @ 1.80GHz</u>	3547	1234	<u>8.44</u>	<u>\$420.05*</u>
<u>Intel Core i7-3517U @ 1.90GHz</u>	3543	1235	NA	NA
<u>Intel Pentium G4400 @ 3.30GHz</u>	3539	1236	<u>51.62</u>	<u>\$68.57</u>
<u>AMD Opteron 2384</u>	3538	1238	<u>4.21</u>	<u>\$840.00*</u>
<u>AMD Opteron 2386 SE</u>	3538	1239	NA	NA
<u>Intel Core i5-7Y54 @ 1.20GHz</u>	3538	1237	NA	NA
<u>AMD A8-3870K APU</u>	3537	1240	<u>23.64</u>	<u>\$149.67*</u>
<u>Intel Core2 Quad Q9505 @ 2.83GHz</u>	3524	1241	<u>18.55</u>	<u>\$190.00*</u>
<u>Intel Xeon X5365 @ 3.00GHz</u>	3524	1242	<u>45.19</u>	<u>\$77.99*</u>
<u>Intel Xeon E5-2403 @ 1.80GHz</u>	3523	1243	<u>31.77</u>	<u>\$110.91</u>
<u>AMD PRO A8-8600B</u>	3521	1244	NA	NA
<u>Intel Core2 Quad Q9500 @ 2.83GHz</u>	3521	1245	<u>100.63</u>	<u>\$34.99*</u>
<u>Intel Core i5-5350U @ 1.80GHz</u>	3520	1246	NA	NA
<u>Intel Core m3-7Y30 @ 1.00GHz</u>	3518	1247	NA	NA
<u>Intel Core i3-7020U @ 2.30GHz</u>	3514	1248	<u>12.51</u>	<u>\$281.00*</u>
<u>Intel Core i5-680 @ 3.60GHz</u>	3513	1249	<u>39.04</u>	<u>\$89.99*</u>
<u>AMD Phenom II X4 840</u>	3509	1250	<u>39.01</u>	<u>\$89.95*</u>
<u>Intel Celeron G4930 @ 3.20GHz</u>	3503	1251	<u>71.87</u>	<u>\$48.75</u>
<u>Intel Xeon L5420 @ 2.50GHz</u>	3501	1252	<u>127.32</u>	<u>\$27.50*</u>
<u>Intel Core i5-5200U @ 2.20GHz</u>	3496	1253	<u>12.44</u>	<u>\$281.00*</u>
<u>AMD Phenom II 42 TWKR Black Edition</u>	3489	1254	NA	NA
<u>Intel Core i5-2510E @ 2.50GHz</u>	3483	1255	NA	NA
<u>AMD Athlon II X4 650</u>	3482	1256	<u>20.90</u>	<u>\$166.60*</u>
<u>Intel Xeon E5420 @ 2.50GHz</u>	3482	1257	<u>55.31</u>	<u>\$62.95*</u>
<u>Intel Pentium G4500T @ 3.00GHz</u>	3471	1258	NA	NA
<u>AMD Phenom II X4 B45</u>	3469	1259	NA	NA
<u>AMD Athlon II X4 645</u>	3466	1260	<u>43.35</u>	<u>\$79.95</u>
<u>Intel Core m7-6Y75 @ 1.20GHz</u>	3459	1261	NA	NA
<u>AMD A8-3850 APU</u>	3458	1262	<u>32.72</u>	<u>\$105.68*</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>Intel Core i7-840QM @ 1.87GHz</u>				
<u>Quad-Core AMD Opteron 1389</u>	3446	1264	NA	NA
<u>AMD A10-8700P</u>	3442	1266	NA	NA
<u>Quad-Core AMD Opteron 1385</u>	3442	1265	63.75	\$54.00*
<u>AMD Phenom II X4 830</u>	3434	1267	42.95	\$79.95*
<u>Intel Core i3-4100M @ 2.50GHz</u>	3432	1268	15.71	\$218.57*
<u>AMD Phenom II X4 925</u>	3411	1269	77.56	\$43.99*
<u>Intel Core i7-840QM @ 1.87GHz</u>	3411	1270	11.76	\$289.97*
<u>Intel Core i5-4210U @ 1.70GHz</u>	3403	1271	NA	NA
<u>Intel Core i5-2450M @ 2.50GHz</u>	3401	1272	40.49	\$84.02*
<u>Intel Xeon X3230 @ 2.66GHz</u>	3398	1273	47.53	\$71.50*
<u>Intel Pentium G3420 @ 3.20GHz</u>	3396	1274	54.29	\$62.55
<u>Intel Pentium G3430 @ 3.30GHz</u>	3395	1275	37.74	\$89.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Phenom II X4 820</u>	3393	1276	45.28	\$74.95*
<u>AMD Phenom II X4 920</u>	3389	1277	42.38	\$79.99*
<u>AMD Phenom II X4 B35</u>	3387	1278	NA	NA
<u>Intel Core i5-655K @ 3.20GHz</u>	3386	1279	56.45	\$59.99*
<u>Intel Core i3-3130M @ 2.60GHz</u>	3384	1280	NA	NA
<u>Intel Pentium G2140 @ 3.30GHz</u>	3377	1281	41.18	\$82.00*
<u>Intel Core i5-4250U @ 1.30GHz</u>	3376	1282	9.41	\$359.00*
<u>Intel Xeon E5607 @ 2.27GHz</u>	3371	1283	48.71	\$69.21*
<u>Intel Xeon L5410 @ 2.33GHz</u>	3358	1284	33.56	\$100.08*
<u>Intel Pentium G3260 @ 3.30GHz</u>	3357	1285	23.99	\$139.99*
<u>Intel Core m5-6Y54 @ 1.10GHz</u>	3354	1286	NA	NA
<u>AMD Phenom II X4 B40</u>	3352	1287	NA	NA
<u>AMD Phenom II X4 B93</u>	3345	1288	NA	NA
<u>Intel Atom C2750 @ 2.41GHz</u>	3344	1289	NA	NA
<u>AMD Athlon II X4 641 Quad-Core</u>	3343	1290	36.54	\$91.50*
<u>Intel Xeon X3430 @ 2.40GHz</u>	3343	1291	104.52	\$31.99*
<u>AMD A10-5750M APU</u>	3341	1292	NA	NA
<u>Intel Xeon X3330 @ 2.66GHz</u>	3340	1293	15.91	\$210.00*
<u>AMD A8-7200P</u>	3338	1294	NA	NA
<u>Intel Core2 Quad Q9400 @ 2.66GHz</u>	3337	1295	69.50	\$48.03*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core m3-7Y32 @ 1.10GHz	3318	1297	NA	NA
AMD Athlon II X4 640	3314	1298	41.46	\$79.95
Intel Core i5-2515E @ 2.50GHz	3313	1299	NA	NA
Intel Core i5-670 @ 3.47GHz	3309	1300	11.86	\$279.00*
Intel Xeon X3320 @ 2.50GHz	3306	1301	14.41	\$229.50*
Intel Core i5-2415M @ 2.30GHz	3303	1302	NA	NA
AMD Phenom II X4 B25	3297	1303	NA	NA
Intel Celeron G4900 @ 3.10GHz	3288	1304	73.60	\$44.69
Intel Core i5-2430M @ 2.40GHz	3286	1305	36.92	\$89.02*
Intel Core2 Quad Q6700 @ 2.66GHz	3281	1306	72.93	\$44.99*
Intel Core i5-4200U @ 1.60GHz	3280	1307	NA	NA
AMD A8-6500T APU	3276	1308	NA	NA
Intel Core i3-7102E @ 2.10GHz	3266	1309	14.52	\$225.00*
Intel Xeon E5410 @ 2.33GHz	3261	1310	15.61	\$208.95*
AMD Opteron 3260 HE	3259	1311	NA	NA
Intel Core i3-4000M @ 2.40GHz	3257	1312	16.29	\$199.95*
AMD Phenom II X4 910e	3254	1313	20.73	\$156.99*
AMD A8-8600P	3248	1314	NA	NA
AMD Phenom II X4 910	3247	1315	32.48	\$100.00*
Intel Core i5-660 @ 3.33GHz	3245	1316	9.02	\$359.95
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1318	8.40	\$385.89*
Intel Pentium G3250 @ 3.20GHz	3242	1317	13.81	\$234.84
Intel Core i5-2435M @ 2.40GHz	3232	1319	NA	NA
AMD Athlon II X4 635	3231	1320	46.19	\$69.95*
Intel Core i7-2655LE @ 2.20GHz	3229	1321	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3229	1322	NA	NA
Intel Core i5-3337U @ 1.80GHz	3228	1323	14.35	\$225.00*
Intel Core i3-3120M @ 2.50GHz	3225	1324	29.32	\$110.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G4920 @ 3.20GHz	3220	1326	42.10	\$76.50*
Intel Core i7-3689Y @ 1.50GHz	3220	1325	NA	NA
Intel Core i7-820QM @ 1.73GHz	3219	1327	13.42	\$239.95*
AMD FX-7500 APU	3206	1328	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-5020U @ 2.20GHz	3198	1331	6.97	\$459.00*
Intel Pentium G2130 @ 3.20GHz	3200	1330	64.01	\$49.99*
AMD Athlon II X4 638 Quad-Core	3198	1332	120.73	\$26.49*
Intel Core i3-6102E @ 1.90GHz	3196	1333	14.20	\$225.00*
Intel Core i5-661 @ 3.33GHz	3192	1334	13.88	\$229.99*
Intel Core i7-740QM @ 1.73GHz	3191	1335	19.95	\$159.95*
Intel Pentium 5405U @ 2.30GHz	3184	1336	19.78	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3180	1337	19.75	\$161.00*
AMD Opteron 2378	3179	1338	17.76	\$179.00*
Intel Xeon X3323 @ 2.50GHz	3178	1339	164.16	\$19.36*
AMD Athlon X4 640	3172	1340	NA	NA
Intel Core i5-2410M @ 2.30GHz	3171	1341	44.05	\$72.00*
Intel Xeon X5355 @ 2.66GHz	3170	1342	10.23	\$309.95
AMD A6-3670 APU	3166	1344	5.19	\$610.00*
AMD Opteron 4162 EE	3166	1343	NA	NA
Intel Pentium G4400T @ 2.90GHz	3163	1345	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1346	14.72	\$214.86*
Intel Core2 Quad Q8400 @ 2.66GHz	3161	1347	13.18	\$239.95*
AMD Phenom 9850B Quad-Core	3160	1348	NA	NA
AMD A10 PRO-7350B APU	3157	1349	NA	NA
Intel Core i3-2120T @ 2.60GHz	3155	1350	126.28	\$24.99
Intel Pentium G3240 @ 3.10GHz	3155	1351	42.08	\$74.99
Intel Core2 Quad Q9300 @ 2.50GHz	3154	1352	15.81	\$199.50*
Intel Core i7-3517UE @ 1.70GHz	3150	1353	NA	NA
AMD Athlon II X4 631 Quad-Core	3149	1354	39.37	\$80.00*
AMD A6-3650 APU	3148	1355	98.41	\$31.99*
Intel Pentium 4415U @ 2.30GHz	3146	1356	NA	NA
AMD A6-7480	3135	1357	71.28	\$43.99*
Intel Celeron G3900 @ 2.80GHz	3133	1358	56.99	\$54.99
AMD Athlon II X4 630	3131	1359	49.75	\$62.95
Intel Pentium G3220 @ 3.00GHz	3125	1361	31.47	\$99.31
Intel Xeon E5507 @ 2.27GHz	3125	1360	6.84	\$456.91*
Intel Celeron G3920 @ 2.90GHz	3123	1362	27.40	\$113.99*
AMD Phenom II X4 810	3120	1363	26.90	\$115.99*

 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)
AMD R-464L APU	3117	1365	NA	NA
AMD A10-4600M APU	3115	1366	NA	NA
AMD A8-3820 APU	3106	1367	24.86	\$124.99*
Intel Pentium G3440T @ 2.80GHz	3101	1368	NA	NA
Intel Celeron G4900T @ 2.90GHz	3096	1369	73.72	\$42.00*
Intel Core i5-650 @ 3.20GHz	3096	1370	86.03	\$35.99
Intel Core i5-3317U @ 1.70GHz	3091	1371	13.74	\$225.00*
Intel Xeon X3220 @ 2.40GHz	3088	1372	51.35	\$60.15*
AMD A10-5757M APU	3084	1373	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3110M @ 2.40GHz	3082	1374	38.55	\$79.95*
AMD Phenom II X4 905e	3080	1375	57.06	\$53.99*
Intel Pentium G2120 @ 3.10GHz	3079	1376	19.30	\$159.55*
Intel Core i3-6006U @ 2.00GHz	3076	1377	NA	NA
Intel Core i3-2330E @ 2.20GHz	3073	1378	NA	NA
AMD Opteron 2427	3069	1379	47.22	\$65.00
AMD Phenom II X3 B77	3067	1380	137.64	\$22.29*
AMD Opteron 1381	3065	1381	NA	NA
AMD Opteron X2170 APU	3059	1382	NA	NA
Intel Core i3-5010U @ 2.10GHz	3058	1383	9.06	\$337.76*
AMD A6-9500	3054	1384	59.58	\$51.27
Intel Xeon E5606 @ 2.13GHz	3054	1385	13.95	\$219.00*
Intel Core i3-4120U @ 2.00GHz	3050	1386	NA	NA
AMD PRO A6-8570	3049	1388	NA	NA
Intel Celeron G3950 @ 3.00GHz	3049	1387	27.97	\$109.04
Intel Celeron G3930 @ 2.90GHz	3037	1389	33.90	\$89.59
AMD A6-8550	3032	1390	NA	NA
Intel Core m3-6Y30 @ 0.90GHz	3025	1391	10.77	\$281.00*
Intel Pentium 1403 v2 @ 2.60GHz	3018	1392	NA	NA
Intel Xeon L5408 @ 2.13GHz	3014	1393	NA	NA
AMD A8-3800 APU	3011	1394	52.84	\$56.99*
Intel Core i7-720QM @ 1.60GHz	3009	1395	27.37	\$109.95*
AMD Phenom 9950 Quad-Core	3008	1396	22.29	\$134.99*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-5010U @ 2.10GHz	2991	1402	10.65	\$281.00*
AMD Phenom 2 X4 12000	3005	1398	NA	NA
AMD A8-5550M APU	3003	1399	NA	NA
AMD Athlon II X4 655	2998	1401	NA	NA
AMD Phenom II X4 805	2998	1400	17.23	\$173.99*
AMD Phenom 7950 Quad-Core	2991	1403	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2991	1402	10.65	\$281.00*
Intel Core i3-5015U @ 2.10GHz	2989	1404	NA	NA
AMD Phenom II X3 740	2985	1405	33.55	\$88.99*
Intel Core i3-2100T @ 2.50GHz	2980	1407	49.68	\$59.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2980	1406	59.62	\$49.99*
Intel Xeon X6550 @ 2.00GHz	2977	1408	NA	NA
Intel Xeon E5506 @ 2.13GHz	2974	1409	47.21	\$63.01*
Intel Core i5-4302Y @ 1.60GHz	2971	1410	NA	NA
AMD PRO A6-8550B	2970	1411	NA	NA
Intel Celeron G3930TE @ 2.70GHz	2970	1412	70.72	\$42.00*
Intel Pentium G3250T @ 2.80GHz	2969	1413	33.00	\$89.99*
Intel Pentium G3450T @ 2.90GHz	2967	1414	NA	NA
AMD A8-5557M APU	2956	1415	NA	NA
AMD Opteron 2374 HE	2951	1416	45.40	\$65.00
AMD PRO A6-9500	2950	1417	39.88	\$74.00*
AMD Phenom FX-5200 Quad-Core	2948	1418	NA	NA
Intel Core2 Quad Q6600 @ 2.40GHz	2947	1419	73.72	\$39.98*
AMD Opteron 3250 HE	2942	1420	29.73	\$99.00*
AMD Opteron 4122	2942	1421	23.55	\$124.99*
AMD Opteron 6134	2938	1422	66.81	\$43.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-560 @ 3.33GHz	2935	1423	16.31	\$179.95
Intel Pentium 4405U @ 2.10GHz	2931	1424	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1426	NA	NA
Intel Pentium G3260T @ 2.90GHz	2930	1425	32.56	\$89.99*
AMD Athlon II X4 620	2928	1427	48.86	\$59.95
Intel Celeron G3900T @ 2.60GHz	2925	1429	26.01	\$112.46*
Six-Core AMD Opteron 2419 EE	2925	1428	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 X4 960	2913	1430	35.44	\$79.99
Intel Core i3-4158U @ 2.00GHz	2914	1431	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2912	1432	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1433	36.38	\$79.99*
AMD A10-4657M APU	2906	1434	NA	NA
AMD Athlon II X4 620e	2906	1435	NA	NA
AMD A10-7300 APU	2905	1436	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2904	1437	13.21	\$219.92*
Intel Core i3-4110U @ 1.90GHz	2902	1440	NA	NA
Intel Core i3-5005U @ 2.00GHz	2902	1438	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1439	NA	NA
Intel Core i7-2637M @ 1.70GHz	2900	1441	NA	NA
AMD Athlon II X4 615e	2899	1442	49.15	\$59.00*
AMD Phenom II X3 B75	2897	1443	72.45	\$39.99*
AMD Phenom X4 Quad-Core GP-9730	2897	1444	NA	NA
AMD Athlon X4 635	2891	1445	23.71	\$121.99*
AMD A6-9500E	2889	1446	39.85	\$72.50
AMD Phenom 9850 Quad-Core	2887	1447	24.07	\$119.99*
Intel Xeon E5345 @ 2.33GHz	2886	1448	72.17	\$39.99*
Intel Pentium G4400TE @ 2.40GHz	2885	1449	45.09	\$64.00*
AMD Phenom II X4 900e	2882	1450	NA	NA
Intel Pentium G2030 @ 3.00GHz	2867	1451	71.70	\$39.99*
AMD Athlon II X3 460	2864	1452	73.46	\$38.99*
AMD Athlon X4 620	2861	1453	47.74	\$59.95
Intel Celeron G1840 @ 2.80GHz	2860	1454	46.34	\$61.73
Intel Pentium G3240T @ 2.70GHz	2840	1455	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1456	12.62	\$225.00*
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1457	NA	NA
Intel Xeon E5405 @ 2.00GHz	2835	1458	70.97	\$39.95*
Intel Core i7-2677M @ 1.80GHz	2833	1459	NA	NA
Intel Core M-5Y31 @ 0.90GHz	2832	1460	NA	NA
Intel Core i3-550 @ 3.20GHz	2829	1461	16.10	\$175.74
Intel Core i7-640M @ 2.80GHz	2827	1462	14.14	\$199.95
AMD PRO A6-8570E	2824	1463	NA	NA
AMD Opteron 2350	2820	1464	35.28	\$79.95*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Celeron G1620 @ 2.90GHz	2819	1465	29.07	\$97.00*
AMD Opteron 2356	2814	1467	54.12	\$52.00*
Intel Core i7-2617M @ 1.50GHz	2812	1468	NA	NA
AMD Phenom 9750 Quad-Core	2810	1469	95.32	\$29.49*
Intel Core2 Quad Q8200 @ 2.33GHz	2807	1470	122.14	\$22.99*
Intel Core i5-4422E @ 1.80GHz	2806	1471	10.55	\$266.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7100 APU	2805	1472	NA	NA
AMD A6-3620 APU	2793	1474	46.57	\$59.99*
AMD Athlon II X4 610e	2793	1473	39.92	\$69.99*
AMD Phenom II X4 B05e	2792	1475	NA	NA
AMD Opteron 2373 EE	2789	1477	NA	NA
Intel Core i3-4025U @ 1.90GHz	2789	1476	NA	NA
AMD A6-7400K APU	2783	1478	41.25	\$67.49
Intel Core i3-2370M @ 2.40GHz	2778	1479	69.80	\$39.81*
AMD PRO A4-8350B	2776	1480	NA	NA
Intel E3000 @ 3.40GHz	2767	1481	NA	NA
Intel Celeron G3930T @ 2.70GHz	2766	1482	39.64	\$69.79
AMD Athlon II X3 455	2765	1484	70.92	\$38.99*
AMD Opteron 1356	2765	1483	30.73	\$89.99*
AMD A10-5745M APU	2764	1485	NA	NA
Intel Pentium G2100T @ 2.60GHz	2763	1486	NA	NA
AMD PRO A6-7350B	2759	1487	NA	NA
Intel Xeon L5335 @ 2.00GHz	2756	1488	146.68	\$18.79*
Intel Pentium G2020 @ 2.90GHz	2753	1489	45.92	\$59.95*
Intel Celeron G1820 @ 2.70GHz	2749	1490	45.84	\$59.99
AMD A8-7410 APU	2748	1491	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1492	NA	NA
Intel Xeon X3210 @ 2.13GHz	2740	1493	14.76	\$185.71*
AMD Phenom II X4 B15e	2736	1494	NA	NA
Intel Pentium G860 @ 3.00GHz	2736	1495	32.98	\$82.99
AMD Phenom II X3 B73	2735	1496	36.47	\$75.00*
AMD A6-7470K	2727	1497	20.52	\$132.91

 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 720	2666	1513	38.10	\$69.99*
Intel Core i3-4030U @ 1.90GHz	2717	1500	NA	NA
Intel Core i7-620M @ 2.67GHz	2717	1499	24.70	\$110.01
AMD Athlon II X4 605e	2716	1501	26.69	\$101.80*
AMD Phenom X4 Quad-Core GP-9830	2715	1502	NA	NA
AMD Phenom 9750B Quad-Core	2709	1503	NA	NA
AMD A6-3600 APU	2707	1504	117.76	\$22.99*
AMD Phenom II X940 Quad-Core	2695	1505	NA	NA
Intel Core i5-2557M @ 1.70GHz	2694	1506	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1507	NA	NA
Intel Core i3-540 @ 3.07GHz	2684	1508	14.13	\$189.95
Intel Xeon E5504 @ 2.00GHz	2680	1509	38.32	\$69.95*
Intel Celeron G3900E @ 2.40GHz	2679	1510	25.05	\$107.00*
AMD Opteron 3320 EE	2675	1511	NA	NA
AMD A6-7310 APU	2673	1512	NA	NA
AMD A8-4500M APU	2666	1514	NA	NA
AMD Phenom II X3 720	2666	1513	38.10	\$69.99*
Intel Pentium G850 @ 2.90GHz	2664	1515	89.18	\$29.88
AMD A8 PRO-7150B APU	2655	1516	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2653	1517	NA	NA
AMD Phenom II N830 3+1	2652	1518	NA	NA
AMD Phenom II X920 Quad-Core	2650	1519	NA	NA
AMD Phenom II X3 715	2649	1520	31.17	\$84.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J4105 @ 1.50GHz	2642	1521	24.70	\$107.00*
AMD Opteron 2380	2640	1522	58.69	\$45.00
AMD Phenom 9650 Quad-Core	2635	1523	58.63	\$44.95*
AMD Opteron 1354	2630	1524	19.49	\$135.00*
Intel Core i3-2350M @ 2.30GHz	2630	1525	82.51	\$31.88
AMD A6 PRO-7400B	2621	1526	NA	NA
Intel Core i3-2348M @ 2.30GHz	2621	1527	NA	NA
AMD Athlon II X3 450	2620	1528	68.95	\$38.01
AMD A6-6420B APU	2612	1529	NA	NA
AMD A8-3550MX APU	2610	1530	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 9450 Quad-Core	2605	1532	NA	NA
AMD A10-4655M APU	2605	1532	NA	NA
AMD Phenom 9450e Quad-Core	2599	1533	24.76	\$105.00*
Intel Pentium G2010 @ 2.80GHz	2597	1534	51.95	\$50.00
AMD Athlon II X4 6400e	2594	1535	NA	NA
Intel Celeron G3900TE @ 2.30GHz	2591	1536	61.71	\$42.00*
Intel Pentium G645 @ 2.90GHz	2589	1537	64.74	\$40.00
Intel Core i7-2630UM @ 1.60GHz	2584	1538	NA	NA
Intel Core i5-580M @ 2.67GHz	2581	1539	23.47	\$109.95*
AMD A8-5545M APU	2580	1540	NA	NA
Intel Core i5-560M @ 2.67GHz	2579	1541	31.47	\$81.97*
Intel Celeron G1620 @ 2.70GHz	2576	1542	39.64	\$64.99
AMD A8-6410 APU	2575	1544	NA	NA
AMD Phenom 9600B Quad-Core	2575	1543	17.50	\$147.19*
AMD Athlon II X3 445	2574	1545	28.29	\$91.00*
AMD Athlon X3 435	2574	1546	26.96	\$95.49*
Intel Celeron G1830 @ 2.80GHz	2568	1547	27.05	\$94.95*
AMD Athlon II X3 440	2567	1548	95.12	\$26.99*
Intel Core i3-530 @ 2.93GHz	2564	1549	23.75	\$108.00
Intel Pentium G3220T @ 2.60GHz	2561	1550	40.67	\$62.98
Intel Pentium G840 @ 2.80GHz	2559	1551	73.14	\$34.99*
AMD A4-6250J APU	2556	1552	NA	NA
Intel Celeron G1840T @ 2.50GHz	2554	1553	NA	NA
Intel Xeon X5270 @ 3.50GHz	2553	1554	NA	NA
AMD Phenom 9550 Quad-Core	2544	1557	87.77	\$28.99*
Intel Core i3-2328M @ 2.20GHz	2544	1556	27.37	\$92.97*
Intel Core i7-610E @ 2.53GHz	2544	1555	NA	NA
AMD A9-9410	2542	1558	NA	NA
Intel Atom C3558 @ 2.20GHz	2538	1559	29.52	\$86.00*
AMD A4-7210 APU	2526	1561	NA	NA
Intel Core i3-2330M @ 2.20GHz	2526	1560	50.58	\$49.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2525	1562	6.49	\$389.00*
AMD A9-9430	2524	1563	NA	NA
Intel Pentium 3825U @ 1.90GHz	2519	1565	NA	NA
Intel Pentium G640 @ 2.80GHz	2519	1564	63.00	\$40.00

 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)
AMD Phenom II X3 710	2516	1567	NA	NA
AMD PRO A6-8500B	2516	1567	NA	NA
AMD Phenom II N970 Quad-Core	2515	1568	16.77	\$149.99*
Intel Xeon E5335 @ 2.00GHz	2513	1569	141.45	\$17.77*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded G-Series GX-420GI Radeon R7E	2508	1571	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2508	1570	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1572	NA	NA
AMD Athlon X4 605e	2505	1573	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2502	1574	NA	NA
AMD A9-9425	2501	1575	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1576	NA	NA
Intel Celeron G1820T @ 2.40GHz	2495	1577	59.42	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1578	35.63	\$69.99
AMD GX-424CC SOC	2491	1579	NA	NA
Intel Celeron G1610 @ 2.60GHz	2488	1580	52.95	\$47.00
Intel Pentium G2030T @ 2.60GHz	2487	1581	38.86	\$64.00*
Intel Core i5 E 520 @ 2.40GHz	2486	1582	NA	NA
AMD Phenom II N950 Quad-Core	2485	1583	22.07	\$112.60*
Intel Core i7-2610UE @ 1.50GHz	2481	1584	NA	NA
AMD Athlon II X3 435	2470	1585	82.38	\$29.99*
Intel Core i3-3227U @ 1.90GHz	2468	1586	NA	NA
AMD A6-6310 APU	2467	1587	NA	NA
AMD Athlon II X4 600e	2465	1588	18.93	\$130.23*
Intel Pentium Silver N5000 @ 1.10GHz	2457	1589	15.26	\$161.00*
Intel Atom C3538 @ 2.10GHz	2455	1591	32.73	\$75.00*
Intel Xeon X5260 @ 3.33GHz	2455	1590	45.47	\$54.00*
Intel Core i5-540M @ 2.53GHz	2452	1592	36.07	\$68.00
AMD Opteron 2354	2450	1593	7.38	\$332.03*
AMD Phenom II X3 710	2448	1594	28.97	\$84.53*
Intel Core i3-4005U @ 1.70GHz	2446	1595	NA	NA
Intel Core i3-4010U @ 1.70GHz	2443	1596	16.29	\$149.99
AMD A6-5200 APU	2436	1597	NA	NA
Intel Core i3-2310M @ 2.10GHz	2432	1598	62.67	\$38.81

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5240 @ 3.00GHz	2424	1600	27.31	\$88.78*
Intel Celeron G555 @ 2.70GHz	2422	1601	22.23	\$109.00
Intel Pentium G2020T @ 2.50GHz	2418	1602	50.81	\$47.60*
AMD A8-3510MX APU	2414	1603	NA	NA
Intel Xeon E7320 @ 2.13GHz	2413	1604	NA	NA
AMD GX-420CA SOC	2412	1605	NA	NA
AMD Embedded R-Series RX-216GD	2409	1606	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1607	NA	NA
AMD A4 PRO-3340B	2402	1608	NA	NA
AMD Athlon X3 455	2401	1609	NA	NA
Intel Core i5-480M @ 2.67GHz	2400	1610	29.78	\$80.60*
Intel Core2 Duo E8600 @ 3.33GHz	2398	1611	56.51	\$42.45*
Intel Pentium 2030M @ 2.50GHz	2398	1612	17.90	\$134.00*
Intel Xeon X5272 @ 3.40GHz	2394	1613	17.10	\$140.00*
Intel Pentium G3320TE @ 2.30GHz	2389	1614	NA	NA
AMD A6-6420K APU	2388	1616	15.92	\$149.99*
AMD PRO A6-8530B	2388	1615	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1617	NA	NA
Intel Core i3-2332M @ 2.20GHz	2382	1618	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 8700e	2377	1619	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2375	1620	NA	NA
Intel Core i3-2312M @ 2.10GHz	2374	1621	NA	NA
Intel Pentium G630 @ 2.70GHz	2371	1622	23.72	\$100.00
Intel Core i5-520M @ 2.40GHz	2366	1623	79.40	\$29.81
Intel Xeon E5603 @ 1.60GHz	2366	1624	18.34	\$129.04*
Intel Celeron 2000E @ 2.20GHz	2365	1625	NA	NA
Intel Celeron 3965U @ 2.20GHz	2363	1626	22.09	\$107.00*
AMD A8-3530MX APU	2354	1627	NA	NA
AMD A4 PRO-7300B APU	2353	1630	NA	NA
AMD Opteron X3216 APU	2353	1629	NA	NA
Intel Celeron G1620T @ 2.40GHz	2353	1631	56.03	\$42.00*
Intel Core2 Duo E8290 @ 2.83GHz	2353	1628	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 A4-6320 APU</u>	2329	1633	<u>33.29</u>	<u>\$69.99*</u>
<u>AMD Phenom 9350e Quad-Core</u>	2320	1635	<u>0.69</u>	<u>\$3,382.07*</u>
<u>Intel Core i5-2467M @ 1.60GHz</u>	2320	1636	NA	NA
<u>Intel Core i5-460M @ 2.53GHz</u>	2320	1634	<u>30.96</u>	<u>\$74.95*</u>
<u>AMD Opteron 1352</u>	2316	1637	<u>17.04</u>	<u>\$135.99*</u>
<u>AMD Athlon II X3 425</u>	2314	1639	<u>85.74</u>	<u>\$26.99*</u>
<u>AMD Athlon X3 445</u>	2314	1638	NA	NA
<u>AMD A6-6400K APU</u>	2313	1640	<u>28.15</u>	<u>\$82.16</u>
<u>AMD A4-7300 APU</u>	2312	1642	<u>20.65</u>	<u>\$112.00</u>
<u>Intel Celeron 2970M @ 2.20GHz</u>	2312	1641	NA	NA
<u>Intel Core i5-4220Y @ 1.60GHz</u>	2307	1643	NA	NA
<u>AMD A9-9400</u>	2306	1644	NA	NA
<u>AMD Athlon X2 280</u>	2303	1647	<u>68.77</u>	<u>\$33.49*</u>
<u>AMD Phenom 9600 Quad-Core</u>	2303	1646	<u>46.11</u>	<u>\$49.95*</u>
<u>Intel Core i3-3217U @ 1.80GHz</u>	2303	1645	<u>10.02</u>	<u>\$229.99*</u>
<u>AMD E2-7110 APU</u>	2291	1648	NA	NA
<u>Intel Celeron G550 @ 2.60GHz</u>	2290	1649	<u>28.63</u>	<u>\$80.00</u>
<u>Intel Xeon E5320 @ 1.86GHz</u>	2288	1650	<u>59.05</u>	<u>\$38.75*</u>
<u>Intel Pentium G620 @ 2.60GHz</u>	2287	1651	<u>91.53</u>	<u>\$24.99*</u>
<u>AMD Athlon II X3 420e</u>	2285	1652	<u>19.68</u>	<u>\$116.15*</u>
<u>AMD Opteron 2376</u>	2283	1653	<u>13.69</u>	<u>\$166.81*</u>
<u>AMD A6-6400B APU</u>	2281	1655	NA	NA
<u>Intel Core2 Duo E8500 @ 3.16GHz</u>	2281	1654	<u>57.06</u>	<u>\$39.99*</u>
<u>AMD Phenom II N930 Quad-Core</u>	2274	1657	<u>17.50</u>	<u>\$129.95*</u>
<u>AMD PRO A4-3350B APU</u>	2274	1658	NA	NA
<u>Intel Pentium 2020M @ 2.40GHz</u>	2274	1659	<u>16.97</u>	<u>\$134.00*</u>
<u>Intel Xeon L5310 @ 1.60GHz</u>	2274	1656	<u>20.22</u>	<u>\$112.50*</u>
<u>Intel Xeon L3110 @ 3.00GHz</u>	2273	1660	NA	NA
<u>Intel Xeon L5240 @ 3.00GHz</u>	2271	1661	<u>72.33</u>	<u>\$31.40*</u>
<u>Intel Celeron N4100 @ 1.10GHz</u>	2270	1663	<u>21.22</u>	<u>\$107.00*</u>
<u>Intel Pentium J4205 @ 1.50GHz</u>	2270	1662	NA	NA
<u>Intel Pentium 3560M @ 2.40GHz</u>	2269	1664	NA	NA
<u>Intel Core i5-4202Y @ 1.60GHz</u>	2262	1665	NA	NA
<u>Intel Pentium 3550M @ 2.30GHz</u>	2260	1666	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Celeron G1605 @ 2.50GHz	2255	1667	93.98	\$24.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 8354	2255	1669	93.98	\$24.00
Intel Pentium G645T @ 2.50GHz	2255	1668	NA	NA
AMD Athlon X2 370K Dual Core	2251	1670	NA	NA
AMD A6-5400B APU	2250	1671	21.43	\$105.04*
AMD Athlon II X3 415e	2247	1672	29.97	\$75.00*
AMD Opteron 2393 SE	2246	1673	NA	NA
Intel Core i7-640LM @ 2.13GHz	2245	1674	NA	NA
Intel Core i5-520 @ 2.40GHz	2244	1675	NA	NA
AMD Phenom II X3 700e	2242	1676	NA	NA
Intel Xeon E3120 @ 3.16GHz	2241	1677	NA	NA
AMD Athlon II X3 425e	2239	1678	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1679	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1680	NA	NA
AMD A4 PRO-7350B	2227	1682	NA	NA
AMD Phenom II X3 705e	2227	1681	14.63	\$152.34*
AMD A4-6300 APU	2225	1684	48.85	\$45.55*
AMD Phenom II X2 565	2225	1683	10.60	\$209.95*
Intel Pentium 4415Y @ 1.60GHz	2222	1685	13.81	\$161.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1686	NA	NA
Intel Xeon E5310 @ 1.60GHz	2214	1687	45.19	\$49.00*
Intel Core i3-4020Y @ 1.50GHz	2213	1688	NA	NA
Intel Core2 Duo E8700 @ 3.50GHz	2212	1689	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1690	NA	NA
AMD Phenom 9500 Quad-Core	2203	1691	76.01	\$28.99*
AMD A6-8500P	2202	1692	NA	NA
AMD A6-3430MX APU	2200	1693	NA	NA
Intel Celeron G540 @ 2.50GHz	2197	1694	48.83	\$45.00*
Intel Core i5 750S @ 2.40GHz	2197	1695	21.97	\$99.99*
AMD Athlon X3 425	2191	1696	NA	NA
AMD Phenom II X620 Dual-Core	2189	1697	NA	NA
HP Hexa-Core 2.0GHz	2178	1698	4.32	\$504.27*
AMD A6-9220	2173	1699	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3217UE @ 1.60GHz	2162	1704	NA	NA
AMD A4-6210 APU	2171	1701	NA	NA
AMD A8-3520M APU	2170	1702	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1703	15.95	\$136.00*
AMD A6-5400K APU	2161	1705	34.85	\$62.02
AMD A4-6300B APU	2159	1707	21.59	\$100.00*
Intel Xeon E3110 @ 3.00GHz	2159	1706	93.93	\$22.99*
Intel Core i3-4012Y @ 1.50GHz	2157	1708	NA	NA
AMD A4-5300B APU	2149	1709	56.56	\$38.00*
Intel Core2 Duo E8400 @ 3.00GHz	2148	1710	47.23	\$45.50*
Intel Atom C2550 @ 2.40GHz	2141	1711	NA	NA
Intel Core2 Duo T9900 @ 3.06GHz	2137	1712	5.36	\$398.95*
AMD A6-9225	2136	1713	NA	NA
Intel Pentium G6951 @ 2.80GHz	2135	1715	22.72	\$94.00*
Intel Xeon L5320 @ 1.86GHz	2135	1714	30.52	\$69.99*
Intel Core i5-450M @ 2.40GHz	2133	1716	66.76	\$31.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1820TE @ 2.20GHz	2132	1717	NA	NA
AMD Athlon II X2 280	2129	1718	21.30	\$99.99*
Intel Celeron G530 @ 2.40GHz	2128	1719	53.22	\$39.99*
Intel Core2 Duo E8335 @ 2.93GHz	2128	1720	NA	NA
AMD A4-5050 APU	2124	1722	NA	NA
AMD Phenom II X2 B59	2124	1721	48.25	\$44.04*
AMD A8-4555M APU	2123	1723	NA	NA
AMD Phenom 9150e Quad-Core	2114	1725	52.92	\$39.95*
Intel Celeron G540T @ 2.10GHz	2114	1724	NA	NA
Intel Celeron J3455 @ 1.50GHz	2113	1726	6.04	\$349.99
AMD Sempron 240	2110	1727	36.39	\$58.00
AMD Athlon 5150 APU	2105	1728	13.16	\$159.95
AMD Phenom II X2 511	2104	1729	NA	NA
AMD A6-9230	2102	1730	NA	NA
Intel Core2 Duo E8435 @ 3.06GHz	2097	1731	NA	NA
Intel Core i5-430M @ 2.27GHz	2094	1732	14.96	\$139.95*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5 660 @ 2.80GHz	2089	1734	26.12	\$79.99*
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1735	NA	NA
AMD Phenom II P960 Quad-Core	2086	1736	74.51	\$28.00*
AMD Athlon II X2 B28	2085	1738	42.52	\$49.05*
Intel Atom C2538 @ 2.40GHz	2085	1737	20.05	\$104.00*
AMD Phenom 8850B Triple-Core	2080	1739	NA	NA
AMD Athlon X3 440	2078	1740	23.62	\$87.99*
AMD PRO A6-9500B	2076	1741	NA	NA
Intel Core2 Extreme X9100 @ 3.06GHz	2075	1742	2.44	\$851.00*
AMD A6-9220C	2071	1744	NA	NA
AMD Phenom II X2 521	2071	1743	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2070	1745	NA	NA
ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz	2069	1746	NA	NA
AMD Phenom II X2 570	2068	1747	NA	NA
Intel Core i5-2537M @ 1.40GHz	2064	1748	NA	NA
AMD Phenom II X2 560	2062	1749	31.73	\$64.99*
AMD A4-5100 APU	2060	1750	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1751	NA	NA
Intel Pentium G6960 @ 2.93GHz	2059	1752	NA	NA
AMD A6-3410MX APU	2058	1753	515.98	\$3.99*
AMD Phenom 8750 Triple-Core	2058	1754	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2050	1755	12.73	\$161.00*
AMD Phenom II X2 555	2042	1756	72.98	\$27.98*
Intel Atom T5700 @ 1.70GHz	2039	1757	NA	NA
Intel Pentium N4200 @ 1.10GHz	2035	1758	8.70	\$233.98*
AMD Phenom 8750B Triple-Core	2034	1759	NA	NA
Intel Pentium G620T @ 2.20GHz	2033	1760	25.42	\$79.99*
Intel Celeron G550T @ 2.20GHz	2032	1761	NA	NA
AMD A6-3500 APU	2029	1762	50.76	\$39.99*
Intel Pentium B980 @ 2.40GHz	2027	1763	28.98	\$69.95*
AMD Phenom 8450e Triple-Core	2026	1764	NA	NA
AMD Phenom II X2 550	2023	1765	40.47	\$49.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

 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 X3 400e</u>	1767	1767	18.29	\$110.32*
<u>AMD A4-5300 APU</u>	2017	1767	18.29	\$110.32*
<u>Intel Core2 Duo T9800 @ 2.93GHz</u>	2016	1768	4.76	\$423.89*
<u>Intel Core2 Duo P9700 @ 2.80GHz</u>	2015	1769	NA	NA
<u>Intel Core i3-370M @ 2.40GHz</u>	2014	1770	50.42	\$39.96*
<u>AMD Athlon II X3 400e</u>	2009	1771	18.70	\$107.43*
<u>AMD A6-3420M APU</u>	2004	1772	NA	NA
<u>AMD A4-9125</u>	2001	1773	NA	NA
<u>AMD Athlon II X3 405e</u>	2000	1775	25.00	\$79.99*
<u>AMD Phenom II N870 Triple-Core</u>	2000	1774	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9530</u>	1994	1776	NA	NA
<u>Intel Core2 Duo E8300 @ 2.83GHz</u>	1990	1777	99.58	\$19.99*
<u>AMD Phenom 8650 Triple-Core</u>	1986	1778	39.73	\$49.99*
<u>Intel Celeron 2950M @ 2.00GHz</u>	1984	1779	NA	NA
<u>AMD A8-3500M APU</u>	1980	1780	28.31	\$69.95
<u>Intel Pentium G640T @ 2.40GHz</u>	1979	1781	NA	NA
<u>Intel Celeron 4205U @ 1.80GHz</u>	1977	1782	18.48	\$107.00*
<u>AMD Athlon II X2 270</u>	1975	1783	82.35	\$23.99*
<u>Intel Pentium E6800 @ 3.33GHz</u>	1974	1784	22.19	\$89.00*
<u>Intel Pentium J2900 @ 2.41GHz</u>	1973	1785	NA	NA
<u>AMD A10 Micro-6700T APU</u>	1970	1786	NA	NA
<u>Intel Core i7-610 @ 2.53GHz</u>	1969	1787	NA	NA
<u>AMD Phenom 8850 Triple-Core</u>	1968	1788	NA	NA
<u>AMD A4-9120</u>	1967	1789	NA	NA
<u>Intel Pentium 3805U @ 1.90GHz</u>	1965	1790	NA	NA
<u>Intel Core2 Duo E7600 @ 3.06GHz</u>	1960	1791	16.35	\$119.95*
<u>Intel Xeon 5160 @ 3.00GHz</u>	1956	1792	39.13	\$49.99
<u>Intel Core2 Duo E8235 @ 2.80GHz</u>	1955	1793	NA	NA
<u>AMD R-460L APU</u>	1954	1794	NA	NA
<u>Intel Core i7-620LM @ 2.00GHz</u>	1954	1795	NA	NA
<u>AMD A6-5357M APU</u>	1953	1796	NA	NA
<u>Intel Pentium B970 @ 2.30GHz</u>	1953	1797	38.30	\$50.99*
<u>Intel Celeron 3765U @ 1.90GHz</u>	1948	1798	NA	NA
<u>Intel Core2 Duo E6850 @ 3.00GHz</u>	1945	1799	38.92	\$49.99*
<u>AMD GX-415GA SOC</u>	1944	1800	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 X2 550	1937	1802	77.51	\$25.00*
AMD Phenom II N850 Triple-Core	1937	1802	77.51	\$25.00*
Intel Core i3-330E @ 2.13GHz	1935	1803	NA	NA
Intel Celeron 3955U @ 2.00GHz	1934	1804	NA	NA
Intel Pentium N3540 @ 2.16GHz	1933	1805	7.71	\$250.87*
AMD Athlon X2 340 Dual Core	1932	1807	38.66	\$49.99*
Intel Pentium E6700 @ 3.20GHz	1932	1806	64.44	\$29.99
AMD Phenom X3 8550	1931	1808	11.36	\$169.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1809	21.43	\$89.95*
AMD Phenom II X2 B55	1926	1810	40.13	\$48.00*
AMD Phenom 8600B Triple-Core	1924	1811	36.33	\$52.99*
AMD Opteron 2224 SE	1919	1812	NA	NA
AMD A4-5000 APU	1918	1813	NA	NA
AMD Phenom II X2 545	1918	1814	43.62	\$43.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E2-6110 APU	1917	1815	NA	NA
Intel Celeron 3865U @ 1.80GHz	1913	1817	NA	NA
Intel Pentium J3710 @ 1.60GHz	1913	1816	NA	NA
Intel Pentium N3530 @ 2.16GHz	1911	1818	NA	NA
AMD A4-4020 APU	1909	1819	23.00	\$83.00
AMD A6-5350M APU	1906	1821	44.20	\$43.12
AMD Athlon II X2 B26	1906	1820	42.42	\$44.95
Intel Xeon @ 2.20GHz	1902	1822	NA	NA
Intel Core i3-4010Y @ 1.30GHz	1900	1823	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1824	NA	NA
Intel Atom x7-Z8750 @ 1.60GHz	1894	1825	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1826	4.62	\$409.95*
AMD Athlon II X2 265	1892	1827	22.84	\$82.88*
Intel Core i3-350M @ 2.27GHz	1891	1828	112.95	\$16.75
AMD Phenom II N830 Triple-Core	1890	1830	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1890	1829	25.68	\$73.63*
AMD A6-3400M APU	1888	1832	63.01	\$29.97*
AMD Phenom 8450 Triple-Core	1888	1831	63.07	\$29.95*
Intel Pentium E5800 @ 3.20GHz	1887	1833	62.92	\$29.99*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 260	1876	1836	93.89	\$19.99*
Intel Atom E3950 @ 1.60GHz	1876	1835	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1875	1837	7.11	\$263.64*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1838	125.05	\$14.99*
Intel Atom E3940 @ 1.60GHz	1867	1839	NA	NA
AMD Phenom II P920 Quad-Core	1866	1841	24.89	\$75.00*
Intel Core2 Duo P9600 @ 2.66GHz	1866	1840	NA	NA
AMD A4-5150M APU	1864	1842	NA	NA
Intel Pentium N3710 @ 1.60GHz	1863	1843	NA	NA
Intel Pentium E6600 @ 3.06GHz	1861	1844	18.61	\$100.00*
Intel Pentium G6950 @ 2.80GHz	1860	1845	46.52	\$39.99*
Intel Pentium B960 @ 2.20GHz	1853	1846	37.84	\$48.99*
Intel Celeron 3867U @ 1.80GHz	1852	1848	17.31	\$107.00*
Intel Celeron J1900 @ 1.99GHz	1852	1847	NA	NA
Intel Celeron N3450 @ 1.10GHz	1850	1849	11.34	\$163.19
Intel Core2 Duo E8335 @ 2.66GHz	1846	1850	NA	NA
AMD Phenom II N660 Dual-Core	1844	1851	18.64	\$99.00*
Intel Xeon W3505 @ 2.53GHz	1844	1852	74.18	\$24.86*
AMD Opteron 2222	1843	1853	1.11	\$1,664.98*
AMD Athlon II X2 255	1841	1854	28.24	\$65.22*
Intel Xeon 3075 @ 2.66GHz	1840	1855	5.26	\$349.95*
Intel Pentium J2850 @ 2.41GHz	1839	1856	NA	NA
Intel Pentium N3700 @ 1.60GHz	1836	1857	4.13	\$444.78*
Intel Atom x5-Z8550 @ 1.44GHz	1835	1858	NA	NA
AMD A6 Micro-6500T APU	1834	1859	NA	NA
AMD Phenom 9100e Quad-Core	1833	1860	45.89	\$39.95*
AMD A4-4000 APU	1831	1862	14.27	\$128.27*
AMD Phenom II P940 Quad-Core	1831	1861	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1863	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7050	1824	1864	NA	NA
AMD Phenom II X2 B57	1823	1865	NA	NA
Intel Xeon L5238 @ 2.66GHz	1823	1866	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 1005M @ 1.90GHz	1808	1868	NA	NA
Intel Pentium N3520 @ 2.16GHz	1807	1869	NA	NA
AMD Athlon X2 235e	1806	1871	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1806	1870	6.04	\$298.95*
Intel Atom Z3795 @ 1.60GHz	1804	1872	NA	NA
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1873	NA	NA
Intel Celeron J3160 @ 1.60GHz	1798	1874	NA	NA
AMD Athlon 64 FX-72	1794	1875	NA	NA
Intel Core2 Duo T9500 @ 2.60GHz	1793	1876	NA	NA
AMD A9-9420e	1792	1877	NA	NA
AMD Athlon 64 X2 Dual Core 6400+	1784	1878	6.87	\$259.95
Intel Core i3-330M @ 2.13GHz	1784	1879	11.16	\$159.95*
Intel Xeon 3070 @ 2.66GHz	1784	1880	4.36	\$408.95*
AMD Athlon II X2 B24	1780	1881	44.57	\$39.95
Intel Core i3-2375M @ 1.50GHz	1773	1882	NA	NA
Intel Core2 Duo E7400 @ 2.80GHz	1769	1883	61.05	\$28.99*
AMD A6-9210	1764	1885	NA	NA
Intel Pentium E6500 @ 2.93GHz	1764	1884	11.17	\$157.95*
Intel Core2 Duo E8135 @ 2.66GHz	1761	1886	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1887	NA	NA
AMD Opteron 1222	1757	1889	NA	NA
AMD Phenom X4 Quad-Core GP-9500	1757	1888	NA	NA
AMD Phenom II P860 Triple-Core	1756	1891	NA	NA
Intel Xeon W3503 @ 2.40GHz	1756	1890	175.87	\$9.99*
Intel Core2 Duo P9600 @ 2.53GHz	1754	1892	17.72	\$99.00*
Intel Core2 Duo P9500 @ 2.53GHz	1753	1893	1.75	\$998.99*
AMD Phenom X2 Dual-Core GE-7060	1752	1894	NA	NA
AMD A6-9200	1747	1895	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1896	NA	NA
AMD Athlon II X2 250	1741	1897	44.71	\$38.95
Intel Xeon 5150 @ 2.66GHz	1740	1898	12.44	\$139.95*
Intel Core2 Duo P8800 @ 2.66GHz	1739	1899	30.53	\$56.99*
Intel Core2 Duo T9400 @ 2.53GHz	1738	1900	38.67	\$44.95*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Celeron N2940 @ 1.83GHz</u>	1722	1905	NA	NA
<u>Intel Pentium E5700 @ 3.00GHz</u>	1737	1901	115.93	\$14.99*
<u>Intel Pentium B940 @ 2.00GHz</u>	1727	1903	57.71	\$29.94*
<u>Intel Core2 Duo E7300 @ 2.66GHz</u>	1726	1904	43.30	\$39.88*
<u>Intel Celeron N2940 @ 1.83GHz</u>	1722	1905	NA	NA
<u>AMD Phenom II N640 Dual-Core</u>	1721	1906	26.51	\$64.95*
<u>Intel Celeron B840 @ 1.90GHz</u>	1719	1908	NA	NA
<u>Intel Core i3-2340UE @ 1.30GHz</u>	1719	1907	NA	NA
<u>Intel Celeron G530T @ 2.00GHz</u>	1717	1909	NA	NA
<u>AMD Athlon II X2 B22</u>	1715	1910	41.16	\$41.69*
<u>AMD Sempron 3850 APU</u>	1715	1911	23.47	\$73.10
<u>Intel Pentium B950 @ 2.10GHz</u>	1715	1912	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 E6750 @ 2.66GHz</u>	1712	1913	166.27	\$10.30*
<u>AMD Athlon 7850 Dual-Core</u>	1710	1914	8.16	\$209.65*
<u>Intel Core i7-680UM @ 1.47GHz</u>	1710	1915	NA	NA
<u>AMD Athlon II X2 245e</u>	1709	1918	21.37	\$80.00*
<u>AMD Phenom II P840 Triple-Core</u>	1709	1916	NA	NA
<u>AMD Phenom II X2 B53</u>	1709	1917	NA	NA
<u>Intel Core i3-2367M @ 1.40GHz</u>	1708	1919	NA	NA
<u>Intel Pentium E6300 @ 2.80GHz</u>	1706	1920	165.68	\$10.30*
<u>AMD E2-9010</u>	1705	1921	NA	NA
<u>Intel Celeron U1900 @ 1.99GHz</u>	1704	1922	NA	NA
<u>Intel Celeron 3755U @ 1.70GHz</u>	1702	1923	NA	NA
<u>AMD Opteron 2220</u>	1701	1924	21.29	\$79.95
<u>AMD Athlon II X2 240e</u>	1700	1926	48.64	\$34.95*
<u>Intel Core i3-3229Y @ 1.40GHz</u>	1700	1925	NA	NA
<u>AMD Phenom X2 Dual-Core GE-4060</u>	1697	1927	NA	NA
<u>AMD Athlon X2 250</u>	1696	1929	NA	NA
<u>Intel Atom x5-Z8500 @ 1.44GHz</u>	1696	1928	27.11	\$62.57*
<u>Intel Core2 Duo E6700 @ 2.66GHz</u>	1693	1930	56.46	\$29.99*
<u>Intel Core2 Duo X7360 @ 2.53GHz</u>	1687	1931	NA	NA
<u>Intel Celeron 3855U @ 1.60GHz</u>	1685	1932	NA	NA
<u>AMD Phenom II N620 Dual-Core</u>	1684	1933	422.27	\$3.99*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2500M @ 2.50GHz	1678	1935	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1678	1935	NA	NA
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1936	5.90	\$284.00*
AMD Phenom 8600 Triple-Core	1673	1939	31.57	\$52.99*
Intel Celeron 1000M @ 1.80GHz	1673	1938	NA	NA
Intel Core2 Duo T9300 @ 2.50GHz	1673	1937	28.86	\$57.99*
Intel Pentium 3558U @ 1.70GHz	1672	1940	NA	NA
Intel Pentium 3556U @ 1.70GHz	1671	1941	NA	NA
AMD Athlon X2 240e	1670	1943	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1670	1942	NA	NA
AMD Phenom 8250 Triple-Core	1668	1944	NA	NA
AMD A6-7000	1667	1945	NA	NA
Intel Celeron G1101 @ 2.27GHz	1667	1946	84.34	\$19.77*
Intel Celeron N3150 @ 1.60GHz	1666	1947	NA	NA
AMD A4-3420 APU	1664	1948	NA	NA
Intel Celeron N3160 @ 1.60GHz	1664	1950	5.75	\$289.18
Intel Core i5-560UM @ 1.33GHz	1664	1949	NA	NA
AMD QC-4000	1663	1951	NA	NA
AMD Athlon II X2 245	1662	1952	47.56	\$34.95*
AMD Athlon II X2 235e	1661	1953	9.13	\$181.88*
AMD E2-9000	1659	1954	NA	NA
Intel Celeron N2930 @ 1.83GHz	1658	1955	NA	NA
Intel Pentium 2117U @ 1.80GHz	1655	1956	12.35	\$134.00*
AMD Opteron 1220	1653	1957	NA	NA
Intel Celeron 3215U @ 1.70GHz	1652	1958	NA	NA
AMD E2-3800 APU	1645	1959	NA	NA
AMD Athlon II X2 240	1643	1960	47.02	\$34.95
AMD A6-4400M APU	1642	1961	205.59	\$7.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-640UM @ 1.20GHz	1638	1962	NA	NA
Intel Xeon 5140 @ 2.33GHz	1636	1963	65.49	\$24.99*
AMD Phenom 8250e Triple-Core	1635	1964	34.81	\$46.99*
Intel Pentium E5500 @ 2.80GHz	1635	1965	62.94	\$25.99*
AMD Athlon II X2 220	1634	1966	50.77	\$32.19

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8400 Triple-Core	1632	1967	NA	NA
AMD A6-9220e	1629	1969	NA	NA
AMD Athlon X2 255	1627	1970	NA	NA
Intel Core2 Duo E7200 @ 2.53GHz	1625	1971	33.17	\$49.00*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1972	42.76	\$37.99*
Intel Celeron J1850 @ 1.99GHz	1617	1973	NA	NA
AMD A6 PRO-7050B APU	1616	1974	NA	NA
Athlon 64 Dual Core 5400+	1614	1975	NA	NA
AMD A4-4300M APU	1613	1976	40.48	\$39.86
Intel Celeron 3965Y @ 1.50GHz	1607	1977	15.03	\$107.00*
Intel Celeron 2002E @ 1.50GHz	1605	1978	18.67	\$86.00*
Intel Pentium A1018 @ 2.10GHz	1605	1979	NA	NA
AMD Athlon 64 X2 Dual Core 6000+	1603	1980	34.89	\$45.95
AMD Athlon X2 240	1602	1981	NA	NA
AMD Phenom II P820 Triple-Core	1602	1982	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1600	1983	NA	NA
Intel Xeon 5133 @ 2.20GHz	1598	1984	NA	NA
Intel Core2 Duo T7800 @ 2.60GHz	1597	1985	2.63	\$607.99*
Intel Pentium E5400 @ 2.70GHz	1596	1986	89.91	\$17.76*
AMD A4-3400 APU	1594	1987	18.13	\$87.95
AMD Opteron 2218	1594	1988	19.94	\$79.95
Intel Celeron 2980U @ 1.60GHz	1593	1989	NA	NA
Intel Xeon 5148 @ 2.33GHz	1590	1990	121.17	\$13.13*
AMD Phenom II P650 Dual-Core	1579	1991	45.12	\$35.00*
AMD R-260H APU	1576	1992	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1993	NA	NA
AMD Athlon 7750 Dual-Core	1570	1994	10.26	\$152.99
Intel Xeon 3085 @ 3.00GHz	1570	1995	NA	NA
AMD Turion II N530 Dual-Core	1567	1996	52.24	\$30.00*
AMD Athlon II X2 215	1566	1997	130.68	\$11.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1998	NA	NA
AMD Athlon II N370 Dual-Core	1559	1999	NA	NA
Intel Core i3-2357M @ 1.30GHz	1556	2000	NA	NA
Intel Core2 Duo E6600 @ 2.40GHz	1554	2001	103.71	\$14.99*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4 Micro-6400T APU	1544	2003	NA	NA
AMD Athlon X2 215	1543	2005	NA	NA
Intel Celeron J4005 @ 2.00GHz	1543	2004	10.41	\$148.31
AMD A4-9120C	1539	2006	NA	NA
AMD A6-1450 APU	1539	2007	NA	NA
Intel Pentium E5300 @ 2.60GHz	1539	2008	59.25	\$25.98*
Intel Core2 Duo P8600 @ 2.40GHz	1536	2009	31.25	\$49.18*
AMD Sempron X2 190	1534	2010	18.39	\$83.44*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II Ultra Dual-Core Mobile M660	1533	2011	NA	NA
AMD Athlon II X2 225	1526	2012	NA	NA
AMD Turion II N550 Dual-Core	1521	2013	NA	NA
Intel Xeon 3065 @ 2.33GHz	1520	2014	72.77	\$20.90*
Intel Pentium N3510 @ 1.99GHz	1519	2015	NA	NA
AMD Opteron 2216	1518	2018	58.84	\$25.80
Intel Core2 Duo P7550 @ 2.26GHz	1518	2017	6.60	\$229.99*
Intel Xeon 3060 @ 2.40GHz	1518	2016	66.07	\$22.99*
AMD Athlon 64 X2 Dual Core 5800+	1516	2019	60.68	\$24.99*
AMD E2-9030	1515	2021	NA	NA
AMD Turion II P560 Dual-Core	1515	2020	NA	NA
Intel Celeron N2920 @ 1.86GHz	1514	2022	NA	NA
Intel Celeron B830 @ 1.80GHz	1512	2023	NA	NA
Intel Celeron 1017U @ 1.60GHz	1511	2024	NA	NA
Athlon 64 Dual Core 5000+	1507	2025	NA	NA
AMD Athlon II X2 4450e	1504	2026	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	2027	NA	NA
AMD A4-3300 APU	1503	2029	115.75	\$12.99
Intel Celeron 3205U @ 1.50GHz	1503	2028	5.24	\$287.04*
AMD GX-412HC	1497	2031	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1497	2030	100.18	\$14.95*
AMD Athlon 64 FX-74	1495	2032	2.99	\$499.50*
Intel Core2 Duo E8135 @ 2.40GHz	1490	2033	NA	NA
AMD Athlon II X2 210e	1486	2034	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 X2 Dual Core 5600+	1485	2036	8.25	\$179.95
AMD Athlon II X2 4300e	1483	2037	NA	NA
Intel Core2 Duo E4700 @ 2.60GHz	1481	2038	54.88	\$26.99*
AMD A6-5345M APU	1476	2039	NA	NA
AMD Athlon 7550 Dual-Core	1472	2040	24.54	\$60.00*
Intel Core2 Duo T8300 @ 2.40GHz	1471	2041	13.50	\$108.95*
AMD Opteron 285	1470	2042	18.39	\$79.95
AMD Opteron 1218	1468	2043	NA	NA
AMD Opteron 290	1464	2044	10.85	\$135.00*
Intel Core2 Duo P7570 @ 2.26GHz	1455	2045	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	2047	NA	NA
Intel Celeron E3500 @ 2.70GHz	1454	2046	36.37	\$39.99*
Intel Core2 Duo P8400 @ 2.26GHz	1452	2048	4.89	\$297.01*
Intel Core2 Duo E6540 @ 2.33GHz	1451	2049	NA	NA
AMD Athlon 64 X2 Dual Core 5400+	1450	2050	27.37	\$52.99*
AMD Athlon 7450 Dual-Core	1449	2051	NA	NA
AMD Opteron 1218 HE	1444	2052	NA	NA
Intel Celeron E3400 @ 2.60GHz	1441	2053	2.36	\$610.00*
AMD Phenom X2 Dual-Core GP-7730	1435	2054	NA	NA
AMD Turion II Ultra Dual-Core Mobile M620	1435	2055	NA	NA
AMD Turion II P540 Dual-Core	1432	2057	28.67	\$49.95*
Intel Celeron 2957U @ 1.40GHz	1432	2056	NA	NA
Intel Celeron B820 @ 1.70GHz	1430	2058	36.42	\$39.29*
Intel Celeron N4000 @ 1.10GHz	1427	2059	13.34	\$107.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 440	1424	2060	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1423	2061	10.17	\$139.95*
AMD Athlon Dual Core 5400B	1420	2062	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	2063	35.42	\$39.99*
AMD Opteron 2214 HE	1415	2064	NA	NA
AMD Sempron X2 198 Dual-Core	1413	2065	NA	NA
Intel Celeron 2955U @ 1.40GHz	1413	2066	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II Neo Dual-Core M600	1401	2068	148.77	\$9.42*
Intel Xeon E5205 @ 1.86GHz	1398	2069	55.92	\$25.00*
AMD Opteron 2220 SE	1395	2071	NA	NA
Intel Celeron B810 @ 1.60GHz	1395	2070	NA	NA
AMD Athlon Dual Core 4850B	1391	2073	NA	NA
AMD Sempron X2 180	1391	2072	20.05	\$69.40*
Intel Celeron 1007U @ 1.50GHz	1390	2074	7.52	\$184.99*
Intel Celeron E3300 @ 2.50GHz	1389	2075	55.62	\$24.98
Intel Pentium P6300 @ 2.27GHz	1388	2076	NA	NA
Intel Core2 Duo E4600 @ 2.40GHz	1384	2077	8.77	\$157.95*
Intel Celeron E3200 @ 2.40GHz	1382	2078	26.59	\$51.99*
AMD Athlon 64 X2 Dual Core 5200+	1381	2080	23.02	\$60.00
Intel Xeon E5503 @ 2.00GHz	1381	2079	4.81	\$287.01*
AMD E2-3200 APU	1380	2081	172.79	\$7.99*
Intel Core2 Duo T7600 @ 2.33GHz	1378	2083	NA	NA
Intel Xeon E5502 @ 1.87GHz	1378	2082	14.51	\$95.00*
Intel Core i5-540UM @ 1.20GHz	1375	2084	NA	NA
Athlon 64 Dual Core 4800+	1370	2085	NA	NA
Intel Xeon 5130 @ 2.00GHz	1366	2086	27.90	\$48.99*
Intel Celeron 2981U @ 1.60GHz	1364	2087	NA	NA
AMD Turion II Neo N54L Dual-Core	1363	2088	NA	NA
Intel Celeron B815 @ 1.60GHz	1363	2089	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	2090	NA	NA
AMD Turion II P520 Dual-Core	1360	2091	NA	NA
Intel Core2 Duo E6420 @ 2.13GHz	1360	2092	27.21	\$49.99*
AMD Opteron 2214	1358	2095	46.85	\$29.00*
Intel Core2 Duo T6600 @ 2.20GHz	1358	2093	71.90	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1358	2094	NA	NA
Intel Pentium P6200 @ 2.13GHz	1351	2096	30.06	\$44.95*
Intel Core i5-520UM @ 1.07GHz	1348	2097	NA	NA
Athlon Dual Core 4850e	1346	2099	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1346	2098	NA	NA
AMD Athlon Dual Core 5050e	1343	2100	22.39	\$60.00*

 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)
AMD Opteron 1216				
Intel Core i5-430UM @ 1.20GHz	1341	2102	NA	NA
AMD Turion II Dual-Core Mobile M540	1338	2104	NA	NA
Intel Xeon L3406 @ 2.27GHz	1338	2103	4.83	\$277.01*
Intel Pentium T4500 @ 2.30GHz	1334	2105	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2106	NA	NA
Intel Pentium E2220 @ 2.40GHz	1329	2107	15.46	\$85.99*
Intel Celeron P4600 @ 2.00GHz	1328	2108	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium P6100 @ 2.00GHz	1327	2109	46.68	\$28.44*
AMD E2-9000e	1324	2110	NA	NA
Intel Core i7-620UM @ 1.07GHz	1323	2111	NA	NA
AMD Athlon II P360 Dual-Core	1319	2112	55.00	\$24.00*
AMD Athlon Dual Core 5200B	1316	2113	NA	NA
AMD Athlon Dual Core 4850e	1315	2114	33.73	\$39.00*
AMD Athlon 64 X2 Dual Core 5000+	1313	2115	3.96	\$331.49*
AMD Opteron 1216	1311	2117	23.91	\$54.85*
Intel Core2 Duo P7370 @ 2.00GHz	1311	2116	NA	NA
AMD Athlon Dual Core 5000B	1308	2118	13.77	\$95.00*
AMD Opteron 1212 HE	1308	2119	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2120	18.91	\$69.10*
AMD Athlon Dual Core 5600B	1304	2121	NA	NA
Intel Xeon 3050 @ 2.13GHz	1300	2122	8.23	\$157.95*
AMD Opteron 1214 HE	1299	2123	NA	NA
Intel Celeron G470 @ 2.00GHz	1298	2124	NA	NA
Intel Core2 Duo T8100 @ 2.10GHz	1298	2125	1.30	\$999.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1295	2126	23.56	\$55.00*
AMD Turion II Dual-Core Mobile M500	1293	2127	NA	NA
AMD Athlon 5000 Dual-Core	1292	2128	10.78	\$119.95
AMD Opteron 275	1291	2129	15.74	\$82.05*
Intel Celeron 877 @ 1.40GHz	1290	2130	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	2131	64.49	\$19.99*
Intel Core2 Duo E6400 @ 2.13GHz	1288	2132	43.04	\$29.95*
AMD A4-3310MX APU	1286	2133	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon 64 X2 4200+</u>	1285	2135	<u>4.16</u>	<u>\$308.95*</u>
<u>AMD Athlon II X2 270u</u>	1285	2137	<u>18.99</u>	<u>\$67.67*</u>
<u>Intel Core2 Duo T6500 @ 2.10GHz</u>	1285	2136	<u>85.78</u>	<u>\$14.99*</u>
<u>AMD Athlon 64 FX-60 Dual Core</u>	1282	2138	NA	NA
<u>Intel Pentium T4400 @ 2.20GHz</u>	1281	2139	NA	NA
<u>Intel Celeron 887 @ 1.50GHz</u>	1280	2140	NA	NA
<u>Intel Atom Z3775D @ 1.49GHz</u>	1278	2142	NA	NA
<u>Intel Celeron B800 @ 1.50GHz</u>	1278	2141	NA	NA
<u>Intel Xeon 3040 @ 1.86GHz</u>	1278	2143	<u>51.05</u>	<u>\$25.04*</u>
<u>Intel Atom x5-Z8350 @ 1.44GHz</u>	1275	2145	<u>60.72</u>	<u>\$21.00*</u>
<u>Intel Atom Z3775 @ 1.46GHz</u>	1275	2144	<u>36.44</u>	<u>\$35.00*</u>
<u>Celeron Dual-Core T3500 @ 2.10GHz</u>	1274	2146	NA	NA
<u>Intel Core2 Duo T7500 @ 2.20GHz</u>	1271	2147	<u>29.57</u>	<u>\$42.99*</u>
<u>AMD Opteron 2212</u>	1270	2148	<u>63.53</u>	<u>\$20.00*</u>
<u>Intel Core2 Duo E4500 @ 2.20GHz</u>	1270	2149	<u>17.83</u>	<u>\$71.25*</u>
<u>AMD Athlon 5200 Dual-Core</u>	1266	2151	<u>42.23</u>	<u>\$29.99*</u>
<u>Intel Pentium 3560Y @ 1.20GHz</u>	1266	2150	NA	NA
<u>VIA Eden X4 C4250 @ 1.2+GHz</u>	1262	2152	NA	NA
<u>Intel Core2 Duo T6570 @ 2.10GHz</u>	1259	2153	<u>32.72</u>	<u>\$38.50*</u>
<u>AMD GX-222GC SOC</u>	1255	2155	NA	NA
<u>Intel Celeron E1600 @ 2.40GHz</u>	1255	2154	NA	NA
<u>AMD A4-3320M APU</u>	1253	2156	<u>34.93</u>	<u>\$35.90</u>
<u>AMD Athlon 64 X2 Dual Core 4800+</u>	1253	2157	<u>2.73</u>	<u>\$459.95*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Atom Z3770 @ 1.46GHz</u>	1252	2158	<u>8.38</u>	<u>\$149.44*</u>
<u>AMD Athlon X2 Dual Core BE-2450</u>	1251	2159	NA	NA
<u>Intel Core2 Duo SL9400 @ 1.86GHz</u>	1251	2160	<u>4.95</u>	<u>\$253.00*</u>
<u>AMD Athlon II P340 Dual-Core</u>	1250	2161	<u>27.82</u>	<u>\$44.95*</u>
<u>Intel Core2 Duo T7400 @ 2.16GHz</u>	1250	2162	NA	NA
<u>AMD Athlon II N350 Dual-Core</u>	1249	2163	NA	NA
<u>Intel Xeon 5120 @ 1.86GHz</u>	1248	2164	<u>0.77</u>	<u>\$1,619.99*</u>
<u>Intel Pentium P6000 @ 1.87GHz</u>	1243	2165	NA	NA
<u>AMD Opteron 180</u>	1236	2166	<u>9.51</u>	<u>\$129.95*</u>

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X4 Quad-Core Mobile ZM-85	1235	2167	NA	NA
Athlon 64 Dual Core 3800+	1234	2168	NA	NA
Intel Pentium T4300 @ 2.10GHz	1231	2169	NA	NA
AMD A4-3305M APU	1227	2170	39.85	\$30.81
Intel Core2 Duo T6400 @ 2.00GHz	1226	2171	81.80	\$14.99*
Intel Pentium 987 @ 1.50GHz	1224	2172	NA	NA
AMD Athlon 64 X2 Dual Core 4600+	1219	2173	3.39	\$359.95
AMD A4-3330MX APU	1218	2174	NA	NA
AMD Athlon II P320 Dual-Core	1217	2175	40.64	\$29.95*
AMD Athlon X2 Dual Core BE-2400	1213	2176	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2177	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2178	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2179	63.72	\$18.99*
AMD GX-218GL SOC	1207	2180	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2181	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1205	2182	30.18	\$39.95*
Athlon Dual Core 4450e	1204	2183	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2184	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1203	2185	75.69	\$15.90*
Intel Pentium E2200 @ 2.20GHz	1203	2186	16.04	\$75.00*
Celeron Dual-Core T3300 @ 2.00GHz	1201	2187	NA	NA
Intel Core2 Duo T7300 @ 2.00GHz	1193	2188	38.52	\$30.99*
AMD Opteron 1214	1191	2190	4.11	\$290.00*
Intel Atom x5-Z8300 @ 1.44GHz	1191	2189	8.96	\$132.99*
AMD A4-3300M APU	1188	2192	39.62	\$29.99*
Intel Celeron 1047UE @ 1.40GHz	1188	2191	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2193	NA	NA
Intel Core2 Duo E6320 @ 1.86GHz	1185	2194	23.72	\$49.99*
AMD Phenom X2 Dual-Core GP-5000	1180	2195	NA	NA
AMD A4-4355M APU	1177	2196	NA	NA
AMD Opteron 280	1176	2197	18.10	\$65.00
Intel Pentium E2210 @ 2.20GHz	1174	2198	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2200	39.12	\$29.99*

 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)
AMD Athlon Dual Core 4450B				
AMD Opteron 1216 HE	1172	2202	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1172	2201	27.91	\$42.00
AMD Opteron 270	1170	2203	1.93	\$607.47*
Intel Celeron E1500 @ 2.20GHz	1169	2204	59.51	\$19.65*
AMD Athlon Dual Core 4450B	1168	2205	37.69	\$31.00*
AMD Opteron 175	1167	2207	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T7200 @ 2.00GHz	1167	2206	11.68	\$99.95*
AMD Turion 64 X2 Mobile TL-68	1162	2208	12.92	\$90.00*
Intel Atom E3840 @ 1.91GHz	1162	2209	NA	NA
Intel Core i3-380UM @ 1.33GHz	1159	2210	NA	NA
Intel Core2 Duo E4400 @ 2.00GHz	1157	2211	23.16	\$49.99*
Athlon 64 Dual Core 4200+	1156	2212	5.64	\$204.95*
Intel Celeron J3355 @ 2.00GHz	1155	2213	NA	NA
AMD Athlon II N330 Dual-Core	1154	2214	NA	NA
Intel Pentium T4200 @ 2.00GHz	1152	2215	96.02	\$12.00*
AMD Turion X2 Dual-Core Mobile RM-77	1149	2217	NA	NA
Intel Core2 Duo T5870 @ 2.00GHz	1149	2216	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2218	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2219	NA	NA
AMD Athlon 64 X2 Dual Core 4400+	1145	2220	19.08	\$60.00
AMD Athlon II Dual-Core M320	1141	2222	38.05	\$30.00*
AMD Turion 64 X2 Mobile TL-66	1141	2221	3.02	\$378.00*
AMD E2-3000 APU	1140	2223	NA	NA
Intel Pentium 967 @ 1.30GHz	1139	2224	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1129	2225	NA	NA
AMD Turion X2 Dual-Core Mobile RM-75	1120	2226	NA	NA
Intel Celeron P4500 @ 1.87GHz	1116	2228	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2227	NA	NA
Intel Core2 Duo T5800 @ 2.00GHz	1114	2229	NA	NA
Intel Core2 Duo T7250 @ 2.00GHz	1114	2230	5.53	\$201.48*
Intel Pentium T3400 @ 2.16GHz	1114	2231	12.39	\$89.95*
AMD Athlon II Dual-Core M300	1112	2233	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Celeron 1000 @ 1.00GHz	1110	2235	NA	NA
AMD Athlon Dual Core 4450e	1110	2235	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2234	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2236	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	2238	NA	NA
Intel Core2 Duo E6300 @ 1.86GHz	1108	2237	85.33	\$12.99*
AMD Athlon II X2 260u	1107	2239	13.28	\$83.44*
AMD GX-217GA SOC	1107	2240	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	2241	5.49	\$199.95
AMD Opteron 170	1097	2242	NA	NA
AMD Athlon 64 X2 Dual Core BE-230	1095	2244	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2243	8.18	\$134.00*
AMD E2-3000M APU	1093	2245	54.65	\$20.00*
AMD Turion 64 X2 Mobile TL-62	1092	2247	3.51	\$311.00*
Intel Core2 Duo T5750 @ 2.00GHz	1092	2246	109.39	\$9.99*
AMD Turion 64 X2 Mobile TL-64	1090	2248	27.69	\$39.39*
Intel Pentium E2180 @ 2.00GHz	1088	2249	36.28	\$29.99
AMD Athlon Dual Core 4050e	1086	2250	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1086	2251	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2252	4.84	\$224.26*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2254	NA	NA
Intel Xeon 5110 @ 1.60GHz	1084	2253	30.99	\$35.00*
AMD Athlon 64 X2 Dual Core BE-2300	1082	2255	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron Dual Core 4900	1081	2256	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1080	2257	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2259	35.98	\$30.00*
Intel Core i5-470UM @ 1.33GHz	1079	2258	NA	NA
Intel Core i3-330UM @ 1.20GHz	1075	2260	NA	NA
Intel Atom Z3740 @ 1.33GHz	1068	2261	NA	NA
Intel Celeron G465 @ 1.90GHz	1064	2262	10.64	\$100.00*
Intel Pentium 2129Y @ 1.10GHz	1062	2263	7.93	\$134.00*
AMD Turion X2 Dual Core Mobile RM-76	1059	2265	NA	NA
AMD Turion X2 Dual-Core Mobile RM-74	1059	2264	43.31	\$24.47*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II Dual-Core M340	1056	2267	NA	NA
Intel Celeron E1400 @ 2.00GHz	1053	2268	15.05	\$69.99
Intel Core2 Duo E4300 @ 1.80GHz	1051	2269	6.57	\$159.95*
AMD Athlon 64 X2 QL-65	1050	2270	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1045	2271	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2272	NA	NA
Intel Xeon 3.73GHz	1041	2273	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1039	2274	NA	NA
Intel Celeron J1750 @ 2.41GHz	1037	2275	NA	NA
Intel Celeron G460 @ 1.80GHz	1035	2276	15.93	\$65.00
Intel Pentium T3200 @ 2.00GHz	1032	2277	86.03	\$12.00*
Intel Core2 Duo T5600 @ 1.83GHz	1029	2278	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2279	NA	NA
Intel 1500 @ 2.00GHz	1024	2280	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2281	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1023	2282	16.51	\$62.00*
Intel Celeron 847E @ 1.10GHz	1021	2284	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2283	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1020	2285	46.39	\$21.99*
Intel Celeron J1800 @ 2.41GHz	1019	2286	NA	NA
AMD E1-7010 APU	1018	2287	NA	NA
Intel Atom Z3745D @ 1.33GHz	1018	2288	NA	NA
AMD Turion Dual-Core RM-74	1016	2289	NA	NA
Intel Atom x5-Z8330 @ 1.44GHz	1015	2290	NA	NA
Intel Atom Z3740D @ 1.33GHz	1011	2291	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2292	NA	NA
AMD Opteron 1212	1009	2293	3.48	\$290.00*
AMD Athlon 64 X2 QL-67	1006	2294	NA	NA
AMD Athlon II X2 250u	1004	2295	28.74	\$34.95*
AMD Athlon 64 X2 QL-62	1003	2296	NA	NA
AMD Turion Dual-Core RM-75	1003	2297	36.53	\$27.46*
AMD Athlon Neo X2 Dual Core 6850e	1002	2299	NA	NA
Intel Celeron N2840 @ 2.16GHz	1002	2298	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 X2 Dual Core 6850e</u>	---	---	---	---
<u>Intel Pentium E2160 @ 1.80GHz</u>	999	2301	64.42	\$15.51*
<u>AMD Athlon X2 Dual Core 6850e</u>	998	2303	NA	NA
<u>AMD Turion 64 X2 Mobile TL-60</u>	998	2302	62.61	\$15.95*
<u>AMD TurionX2 Dual Core Mobile RM-70</u>	997	2304	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Sempron Dual Core 2200</u>	995	2305	NA	NA
<u>AMD Athlon 64 X2 Dual Core 3400+</u>	994	2306	NA	NA
<u>AMD Turion X2 Dual-Core Mobile RM-70</u>	994	2309	NA	NA
<u>Intel Celeron P4505 @ 1.87GHz</u>	994	2307	NA	NA
<u>Intel Core2 Duo T5670 @ 1.80GHz</u>	994	2308	NA	NA
<u>AMD Athlon 64 X2 QL-64</u>	990	2310	NA	NA
<u>AMD Athlon 64 X2 TK-57</u>	988	2311	NA	NA
<u>Intel Celeron N3060 @ 1.60GHz</u>	984	2312	NA	NA
<u>AMD Sempron Dual Core 2300</u>	982	2313	23.39	\$41.99*
<u>Intel 1400 @ 1.83GHz</u>	980	2314	NA	NA
<u>Intel Celeron J3060 @ 1.60GHz</u>	978	2315	NA	NA
<u>AMD Turion II Neo K625 Dual-Core</u>	977	2316	NA	NA
<u>Intel Pentium T2410 @ 2.00GHz</u>	977	2317	NA	NA
<u>Intel Celeron N3010 @ 1.04GHz</u>	973	2318	NA	NA
<u>Intel Core2 Duo L7700 @ 1.80GHz</u>	973	2319	NA	NA
<u>AMD Athlon 64 X2 Dual Core TK-57</u>	971	2321	NA	NA
<u>AMD Opteron 1210 HE</u>	971	2320	NA	NA
<u>Athlon Dual Core 4050e</u>	968	2322	NA	NA
<u>Intel Celeron N2830 @ 2.16GHz</u>	966	2323	NA	NA
<u>Intel Celeron @ 1.30GHz</u>	965	2324	NA	NA
<u>AMD Opteron 256</u>	963	2325	50.72	\$19.00*
<u>AMD Opteron 265</u>	963	2326	13.20	\$73.00
<u>AMD Athlon 64 X2 Dual Core 3600+</u>	962	2327	16.03	\$60.00
<u>Intel Atom C2358 @ 1.74GHz</u>	961	2330	NA	NA
<u>Intel Core2 Duo L7500 @ 1.60GHz</u>	961	2329	NA	NA
<u>Intel Pentium Extreme Edition 965 @ 3.73GHz</u>	961	2328	NA	NA
<u>AMD E1 Micro-6200T APU</u>	960	2331	NA	NA
<u>Intel T2050 @ 2.00GHz</u>	959	2332	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon 64 X2 TK-55</u>	955	2334	NA	NA
<u>Intel T1500 @ 1.86GHz</u>	953	2335	NA	NA
<u>AMD Sempron 2650 APU</u>	951	2336	14.65	\$64.95
<u>Intel Pentium U5600 @ 1.33GHz</u>	951	2337	NA	NA
<u>Intel Celeron T1600 @ 1.66GHz</u>	950	2338	47.54	\$19.99*
<u>Intel Pentium T2390 @ 1.86GHz</u>	949	2339	NA	NA
<u>AMD Sempron Dual Core 4700</u>	948	2340	NA	NA
<u>Intel Atom Z3735E @ 1.33GHz</u>	948	2341	8.10	\$117.00*
<u>AMD Athlon 64 X2 QL-66</u>	947	2342	NA	NA
<u>AMD Turion 64 X2 Mobile TL-58</u>	947	2343	NA	NA
<u>Intel Celeron 1019Y @ 1.00GHz</u>	946	2344	NA	NA
<u>Intel Core2 Duo P7500 @ 1.60GHz</u>	945	2345	NA	NA
<u>Intel Core Duo T2600 @ 2.16GHz</u>	944	2346	NA	NA
<u>Intel Atom Z3735D @ 1.33GHz</u>	937	2347	NA	NA
<u>AMD Sempron Dual Core 2100</u>	936	2348	24.02	\$39.00*
<u>Intel Celeron N2820 @ 2.13GHz</u>	936	2349	5.20	\$179.99
<u>Intel Celeron 847 @ 1.10GHz</u>	935	2350	2.97	\$315.00*
<u>Intel Core2 Duo T5300 @ 1.73GHz</u>	933	2351	NA	NA
<u>AMD Turion II Neo N40L Dual-Core</u>	930	2352	NA	NA
<u>Intel T1400 @ 1.73GHz</u>	929	2353	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon 64 X2 QL-60</u>	925	2354	NA	NA
<u>Intel Core2 Duo SU9400 @ 1.40GHz</u>	925	2355	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-57</u>	924	2356	NA	NA
<u>AMD Opteron 1210</u>	923	2357	14.21	\$65.00
<u>AMD Turion X2 Dual Core L510</u>	923	2358	NA	NA
<u>Intel Core2 Duo T5500 @ 1.66GHz</u>	923	2359	NA	NA
<u>AMD Athlon X2 Dual Core BE-2300</u>	920	2360	NA	NA
<u>Intel Atom S1260 @ 2.00GHz</u>	916	2361	14.32	\$64.00*
<u>Intel Atom Z3735F @ 1.33GHz</u>	914	2362	5.04	\$181.30*
<u>Intel Core2 Duo T5450 @ 1.66GHz</u>	913	2363	NA	NA
<u>AMD Turion Dual-Core RM-70</u>	912	2365	36.49	\$25.00*
<u>Intel Atom Z3736F @ 1.33GHz</u>	912	2364	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6700 @ 3.46GHz	912	2366	1.63	\$550.00
Intel Core2 Duo T5470 @ 1.60GHz	908	2367	NA	NA
Intel Celeron N2808 @ 1.58GHz	907	2368	NA	NA
Intel Atom Z3735G @ 1.33GHz	906	2369	NA	NA
AMD E1-6015 APU	900	2370	NA	NA
AMD Opteron 165	899	2372	1.63	\$550.00
Intel Celeron N3000 @ 1.04GHz	899	2371	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2373	NA	NA
AMD E1-2500 APU	894	2374	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2375	63.89	\$13.95*
Intel Celeron N3050 @ 1.60GHz	879	2376	5.50	\$159.99
AMD Athlon 64 X2 Dual-Core TK-42	877	2377	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2378	12.02	\$72.74*
Intel Core2 Duo U7300 @ 1.30GHz	873	2379	NA	NA
Intel Pentium E2140 @ 1.60GHz	870	2380	18.82	\$46.25
AMD E1-6010 APU	868	2381	NA	NA
Intel Core Duo T2500 @ 2.00GHz	862	2382	7.19	\$119.99*
Intel Celeron N2807 @ 1.58GHz	861	2383	NA	NA
AMD Turion Dual-Core RM-72	860	2384	21.52	\$39.99*
Intel Celeron E1200 @ 1.60GHz	860	2385	7.83	\$109.95*
AMD Turion X2 Dual Core Mobile RM-70	858	2386	6.48	\$132.56*
Intel 1300 @ 1.66GHz	857	2387	NA	NA
Intel Celeron N2815 @ 1.86GHz	857	2388	NA	NA
AMD Athlon II Neo K345 Dual-Core	856	2389	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	855	2390	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2391	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2392	NA	NA
Intel Pentium T2370 @ 1.73GHz	849	2393	24.26	\$35.00*
Intel Core2 Duo L7400 @ 1.50GHz	846	2394	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2395	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2397	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2399	14.53	\$57.74*
Intel Atom D2700 @ 2.13GHz	839	2396	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	839	2398	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 Core Duo T2300 @ 1.60GHz	831	2401	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2402	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E2-2000 APU	825	2403	NA	NA
Intel Core Duo T2450 @ 2.00GHz	825	2404	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2405	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	820	2406	NA	NA
AMD E2-1800 APU	815	2407	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2409	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2408	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2411	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2410	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2412	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2413	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2414	NA	NA
AMD Sempron 145	807	2415	8.51	\$94.92
Intel Atom Z3770D @ 1.49GHz	805	2416	NA	NA
Intel Celeron N2806 @ 1.60GHz	802	2417	NA	NA
AMD G-T56N	796	2418	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2419	NA	NA
AMD Athlon 64 FX-25	794	2420	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2421	49.63	\$16.00*
Intel Celeron N2810 @ 2.00GHz	787	2422	5.62	\$139.99*
AMD Athlon X2 Dual Core 3250e	778	2423	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2424	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2425	29.84	\$25.99*
Intel Celeron SU2300 @ 1.20GHz	771	2426	NA	NA
AMD E1-2200 APU	767	2427	NA	NA
AMD E-450 APU	765	2428	NA	NA
AMD Turion 64 X2 Mobile TL-52	763	2429	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2430	NA	NA
AMD Opteron 252	760	2432	12.00	\$63.36*
Intel Core2 Duo L7100 @ 1.20GHz	760	2431	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)
<u>AMD E-350</u>	759	2434	NA	NA
<u>AMD Sempron LE-1640</u>	759	2434	NA	NA
<u>Intel Core Duo T2250 @ 1.73GHz</u>	754	2435	NA	NA
<u>AMD G-T56E</u>	751	2436	NA	NA
<u>Intel Celeron 807 @ 1.50GHz</u>	751	2437	NA	NA
<u>AMD Sempron 150</u>	747	2438	16.64	\$44.95*
<u>AMD Turion 64 X2 Mobile TL-50</u>	747	2440	14.95	\$49.99*
<u>Intel Core Duo L2500 @ 1.83GHz</u>	747	2439	NA	NA
<u>AMD E-350</u>	745	2441	NA	NA
<u>AMD GX-212JC SOC</u>	744	2442	NA	NA
<u>Intel Pentium D 950 @ 3.40GHz</u>	742	2443	NA	NA
<u>AMD Sempron 140</u>	739	2444	18.67	\$39.59*
<u>Intel Pentium T2310 @ 1.46GHz</u>	735	2445	NA	NA
<u>AMD Athlon 64 FX-57</u>	730	2446	NA	NA
<u>Intel Core Duo T2300 @ 1.66GHz</u>	727	2447	NA	NA
<u>AMD E-350D APU</u>	726	2448	NA	NA
<u>AMD Athlon 64 FX-55</u>	721	2450	4.01	\$179.95*
<u>Intel Celeron U3400 @ 1.07GHz</u>	721	2449	NA	NA
<u>Intel Atom D2701 @ 2.13GHz</u>	720	2451	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core Duo L2300 @ 1.50GHz</u>	719	2452	NA	NA
<u>AMD Athlon 64 FX-59</u>	715	2453	NA	NA
<u>Intel Atom D2560 @ 2.00GHz</u>	711	2454	NA	NA
<u>Intel Pentium D 940 @ 3.20GHz</u>	709	2455	NA	NA
<u>Intel Pentium T2130 @ 1.86GHz</u>	708	2456	NA	NA
<u>Intel Atom D525 @ 1.80GHz</u>	706	2457	NA	NA
<u>Intel Core Duo L2400 @ 1.66GHz</u>	705	2460	NA	NA
<u>Intel Pentium 5 2.66GHz</u>	705	2458	NA	NA
<u>Intel Pentium T2080 @ 1.73GHz</u>	705	2459	4.41	\$159.95*
<u>AMD Opteron 154</u>	703	2461	NA	NA
<u>AMD Sempron 130</u>	700	2462	28.03	\$24.99*
<u>Intel Core2 Duo U7700 @ 1.33GHz</u>	700	2463	NA	NA
<u>Intel Celeron G440 @ 1.60GHz</u>	694	2464	13.90	\$49.99*
<u>AMD Opteron 254</u>	693	2465	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 925 @ 2.30GHz	691	2467	NA	NA
AMD E1-1500 APU	687	2468	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2469	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2470	NA	NA
Intel Xeon MV 3.20GHz	683	2471	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2472	NA	NA
AMD Athlon LE-1660	679	2473	NA	NA
AMD V160	677	2474	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2475	23.34	\$28.99
AMD Athlon 1640B	670	2476	13.42	\$50.00*
Intel Core2 Duo U7600 @ 1.20GHz	669	2477	NA	NA
AMD G-T48E	667	2478	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2479	NA	NA
AMD Opteron 152	658	2480	NA	NA
Intel Atom D510 @ 1.66GHz	658	2482	6.78	\$97.16*
Intel Atom K510 @ 1.66GHz	658	2481	NA	NA
AMD E1-1200 APU	655	2483	NA	NA
AMD Opteron 250	649	2484	59.01	\$11.00*
AMD Athlon 64 FX-53	646	2485	21.57	\$29.99*
AMD Athlon X2 Dual Core L310	645	2486	NA	NA
VIA Nano L3600@2000MHz	645	2487	NA	NA
AMD V140	643	2489	12.89	\$49.95*
Intel Core 330 @ 1.60GHz	643	2488	NA	NA
AMD E1-2100 APU	642	2491	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2490	NA	NA
AMD Sempron LE-1620	635	2492	NA	NA
AMD A4-1200 APU	632	2493	NA	NA
AMD Opteron 246	632	2494	31.62	\$19.99*
AMD Athlon II 170u	626	2497	20.91	\$29.95*
AMD Athlon LE-1640	626	2496	NA	NA
Intel Celeron 450 @ 2.20GHz	626	2495	20.90	\$29.99*
Intel Atom N2800 @ 1.86GHz	625	2498	NA	NA
AMD V120	623	2499	NA	NA
AMD A4-1250 APU	622	2500	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Benchmarks				
CPU Name	Mark (higher is better)	(lower is better)	(higher is better)	(USD)
AMD Turion 64 Mobile ML-42	615	2501	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2502	NA	NA
AMD E-300 APU	609	2503	NA	NA
AMD Athlon 64 4000+	608	2504	3.32	\$183.27*
VIA Nano X2 U4025 @ 1.2 GHz	605	2505	NA	NA
AMD Opteron 150	604	2506	NA	NA
Intel Xeon 3.80GHz	604	2507	0.71	\$851.00*
AMD Opteron 148	603	2508	NA	NA
AMD Athlon 64 3600+	601	2509	NA	NA
AMD Athlon 64 3700+	598	2510	8.67	\$69.00*
AMD Sempron LE-1300	595	2511	28.37	\$21.00
AMD Turion 64 Mobile ML-44	591	2512	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2513	NA	NA
AMD Athlon 64 3800+	589	2514	3.28	\$179.95*
Intel Core2 Duo Q6867 @ 3.00GHz	589	2515	NA	NA
Intel Atom 330 @ 1.60GHz	587	2516	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2517	NA	NA
AMD Sempron M120	582	2519	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2518	NA	NA
VIA Nano L3050@1800MHz	581	2520	NA	NA
Intel Atom E3825 @ 1.33GHz	579	2521	8.24	\$70.32*
AMD Athlon LE-1620	578	2522	32.12	\$18.00*
AMD Athlon 64 3300+	576	2524	NA	NA
Mobile AMD Athlon 64 4000+	576	2523	NA	NA
AMD Athlon 64 2200+	575	2525	NA	NA
Intel Atom N570 @ 1.66GHz	574	2526	6.68	\$86.00*
Mobile AMD Athlon XP	572	2527	45.81	\$12.49
AMD Athlon XP 3400+	570	2528	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2529	NA	NA
AMD Sempron M100	566	2530	47.17	\$12.00*
AMD Athlon II 160u	563	2531	18.78	\$29.99*
AMD C-70 APU	558	2532	NA	NA
AMD Athlon LE-1600	557	2533	26.57	\$21.00*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Sempron 6300</u>	545	2535	<u>NA</u>	<u>NA</u>
<u>AMD Athlon 64 3400+</u>	545	2535	NA	NA
<u>AMD C-60 APU</u>	545	2536	NA	NA
<u>Intel Celeron 440 @ 2.00GHz</u>	544	2537	<u>24.38</u>	<u>\$22.33</u>
<u>Intel Core Duo U2400 @ 1.06GHz</u>	544	2538	NA	NA
<u>AMD Sempron LE-1250</u>	543	2539	<u>5.44</u>	<u>\$99.95*</u>
<u>Intel Celeron M 540 @ 1.86GHz</u>	542	2540	NA	NA
<u>AMD Athlon 64 3500+</u>	541	2541	<u>4.97</u>	<u>\$108.95</u>
<u>AMD Athlon XP-M</u>	541	2542	<u>15.48</u>	<u>\$34.95*</u>
<u>AMD Turion 64 Mobile MT-40</u>	536	2543	NA	NA
<u>AMD Sempron LE-1600</u>	535	2544	NA	NA
<u>AMD Opteron 146</u>	532	2545	<u>8.87</u>	<u>\$59.99*</u>
<u>Intel Celeron 560 @ 2.13GHz</u>	531	2546	<u>6.65</u>	<u>\$79.95</u>
<u>Intel Pentium D 805 @ 2.66GHz</u>	529	2547	NA	NA
<u>AMD Sempron LE-1200</u>	527	2548	NA	NA
<u>Intel Atom N2600 @ 1.60GHz</u>	526	2549	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon II Neo K145</u>	525	2550	NA	NA
<u>Intel 2.80GHz</u>	525	2551	NA	NA
<u>Intel Atom N550 @ 1.50GHz</u>	524	2552	<u>6.10</u>	<u>\$86.00*</u>
<u>AMD Z-01</u>	523	2553	NA	NA
<u>AMD Turion 64 Mobile ML-40</u>	522	2554	NA	NA
<u>Intel Celeron 540 @ 1.86GHz</u>	521	2555	NA	NA
<u>Intel Celeron 550 @ 2.00GHz</u>	517	2557	<u>7.96</u>	<u>\$64.95</u>
<u>Intel Celeron 570 @ 2.26GHz</u>	517	2556	NA	NA
<u>VIA Nano L3025@1600MHz</u>	517	2558	NA	NA
<u>AMD G-T40N</u>	516	2559	NA	NA
<u>AMD Turion 64 Mobile MK-38</u>	513	2560	NA	NA
<u>Mobile AMD Athlon XP-M</u>	512	2561	NA	NA
<u>Mobile AMD Athlon 64 3400+</u>	511	2562	NA	NA
<u>Intel Pentium M 2.26GHz</u>	509	2564	NA	NA
<u>Intel Xeon 3.60GHz</u>	509	2563	<u>0.60</u>	<u>\$851.00*</u>
<u>Mobile AMD Athlon XP-M (LV)</u>	508	2565	NA	NA
<u>Intel Core Duo U2500 @ 1.20GHz</u>	507	2566	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 2800+</u>	505	2568	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 3200+</u>	505	2568	NA	NA
<u>VIA Nano U3100 (1.6GHz Capable)</u>	501	2569	NA	NA
<u>AMD Z-60 APU</u>	500	2570	NA	NA
<u>Intel Pentium M 2.13GHz</u>	499	2571	NA	NA
<u>AMD Athlon MP 2800+</u>	497	2572	NA	NA
<u>Mobile AMD Athlon MP-M 2800+</u>	496	2573	NA	NA
<u>AMD Athlon 64 3200+</u>	492	2574	3.29	\$149.95*
<u>Intel Xeon 3.06GHz</u>	491	2575	NA	NA
<u>AMD Sempron LE-250</u>	490	2576	NA	NA
<u>Intel Atom E3826 @ 1.46GHz</u>	489	2577	NA	NA
<u>Intel Celeron 430 @ 1.80GHz</u>	487	2580	10.33	\$47.18
<u>Intel Pentium 4 3.60GHz</u>	487	2578	NA	NA
<u>Mobile AMD Athlon XP-M 3200+</u>	487	2579	NA	NA
<u>AMD Opteron 144</u>	486	2582	7.48	\$65.00*
<u>Intel Pentium 4 3.73GHz</u>	486	2581	NA	NA
<u>AMD Athlon 3100+</u>	485	2585	NA	NA
<u>Intel Pentium 4 3.80GHz</u>	485	2583	NA	NA
<u>Mobile AMD Sempron 3800+</u>	485	2584	NA	NA
<u>AMD Sempron 3300+</u>	484	2587	8.07	\$60.00
<u>AMD Turion 64 Mobile MT-37</u>	484	2586	NA	NA
<u>Intel Pentium M 756 @ 1.66GHz</u>	484	2588	NA	NA
<u>AMD Sempron 3600+</u>	483	2589	40.30	\$12.00*
<u>Intel Celeron D 420 @ 1.60GHz</u>	481	2590	NA	NA
<u>VIA Eden X2 U4200 @ 1.0+ GHz</u>	480	2591	NA	NA
<u>Intel Xeon 3.40GHz</u>	478	2592	NA	NA
<u>Mobile Intel Pentium 4 3.46GHz</u>	478	2593	NA	NA
<u>AMD Opteron 248</u>	476	2594	4.77	\$99.95
<u>Mobile AMD Athlon XP-M (LV) 2800+</u>	475	2595	NA	NA
<u>Intel Celeron 530 @ 1.73GHz</u>	474	2596	20.62	\$22.99*
<u>AMD Athlon II Neo K125</u>	473	2598	NA	NA
<u>AMD Athlon QI-46</u>	473	2597	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core Solo T1400 @ 1.83GHz</u>	470	2599	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 C-60</u>	466	2601	NA	NA
<u>AMD Turion 64 Mobile MK-36</u>	465	2602	NA	NA
<u>AMD Athlon 64 3000+</u>	464	2604	9.29	\$50.00
<u>AMD Athlon XP 2300+</u>	464	2605	NA	NA
<u>Intel Core2 Solo U3500 @ 1.40GHz</u>	464	2603	NA	NA
<u>AMD Athlon 2400+</u>	462	2608	NA	NA
<u>AMD C-50</u>	462	2607	NA	NA
<u>Intel Celeron M 530 @ 1.73GHz</u>	462	2606	NA	NA
<u>Intel Pentium M 2.00GHz</u>	461	2609	NA	NA
<u>Intel Xeon 3.20GHz</u>	461	2610	NA	NA
<u>Intel Celeron N2805 @ 1.46GHz</u>	460	2611	NA	NA
<u>AMD Athlon 3200+</u>	458	2612	7.63	\$60.00*
<u>Intel Celeron M 723 @ 1.20GHz</u>	457	2614	NA	NA
<u>VIA Nano L1900@1400MHz</u>	457	2613	NA	NA
<u>AMD Sempron SI-42</u>	456	2615	15.22	\$30.01*
<u>AMD Sempron 3400+</u>	454	2616	15.21	\$29.89
<u>Intel Pentium 4 3.46GHz</u>	454	2617	NA	NA
<u>AMD Sempron 3100+</u>	452	2618	7.53	\$60.00*
<u>Intel Celeron 420 @ 1.60GHz</u>	450	2620	11.27	\$39.99*
<u>Intel Celeron M 450 @ 2.00GHz</u>	450	2621	NA	NA
<u>Mobile AMD Athlon 64 3000+</u>	450	2619	NA	NA
<u>Intel Pentium M 2.10GHz</u>	448	2622	NA	NA
<u>Mobile AMD Athlon 64 3200+</u>	448	2623	NA	NA
<u>AMD Athlon 2800+</u>	447	2624	3.20	\$139.95*
<u>AMD Sempron SI-40</u>	447	2625	37.27	\$12.00*
<u>AMD Turion 64 Mobile ML-37</u>	446	2626	2.27	\$196.50*
<u>Mobile AMD Sempron 3300+</u>	446	2627	NA	NA
<u>AMD Athlon 2600+</u>	444	2629	4.23	\$104.95*
<u>AMD Sempron LE-1150</u>	444	2628	NA	NA
<u>Mobile AMD Sempron 3400+</u>	441	2630	NA	NA
<u>Mobile AMD Athlon 64 2800+</u>	440	2631	NA	NA
<u>Mobile AMD Athlon XP-M 3100+</u>	440	2632	NA	NA
<u>Mobile Intel Pentium 4 3.33GHz</u>	439	2633	NA	NA
<u>AMD Athlon 64 2800+</u>	438	2636	4.38	\$99.99*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2200+				
Intel Pentium M 1.86GHz	438	2634	NA	NA
AMD Athlon 64 FX-51	437	2637	NA	NA
AMD Athlon MP 2400+	436	2638	NA	NA
Intel T1200 @ 1.50GHz	435	2640	NA	NA
Intel Xeon 2.66GHz	435	2639	NA	NA
Mobile AMD Athlon 64 3700+	435	2641	NA	NA
AMD Athlon XP 3100+	433	2642	NA	NA
AMD Athlon XP 3200+	432	2643	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2644	NA	NA
AMD Turion 64 Mobile MT-34	429	2645	NA	NA
AMD Opteron 142	428	2647	NA	NA
VIA Nano L2100@1800MHz	428	2646	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Sempron 3600+	427	2648	NA	NA
AMD Turion 64 Mobile MT-32	426	2649	NA	NA
AMD Turion 64 Mobile ML-34	425	2650	NA	NA
AMD Athlon XP 2900+	424	2651	NA	NA
Intel Celeron 743 @ 1.30GHz	421	2652	NA	NA
AMD Turion 64 Mobile MT-28	419	2653	NA	NA
Mobile AMD Sempron 3100+	416	2654	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2656	NA	NA
VIA Nano U2250 (1.6GHz Capable)	415	2655	NA	NA
AMD Athlon TF-20	413	2657	NA	NA
Intel Pentium M 1.73GHz	413	2658	NA	NA
AMD Athlon 2100+	412	2659	NA	NA
Intel Pentium M 1.80GHz	411	2660	NA	NA
AMD Athlon Neo MV-40	410	2661	NA	NA
VIA Nano U3300@1200MHz	409	2662	NA	NA
AMD Sempron 3000+	408	2664	20.41	\$20.00
Mobile AMD Sempron 3500+	408	2663	NA	NA
AMD Athlon 2650e	407	2665	21.47	\$19.00*
AMD Sempron 3200+	406	2666	3.10	\$131.22*
Intel Pentium M 1.70GHz	406	2667	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 D 365 @ 3.60GHz	404	2669	4.50	\$89.95*
AMD K7	403	2671	NA	NA
AMD-K7	403	2672	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2670	NA	NA
AMD Athlon XP 3000+	402	2674	5.06	\$79.70*
AMD Turion 64 Mobile ML-30	402	2675	NA	NA
AMD Turion 64 Mobile ML-32	402	2673	NA	NA
AMD Athlon XP2200+	401	2676	NA	NA
AMD GX-210JA SOC	401	2677	NA	NA
AMD Athlon XP 2800+	400	2678	NA	NA
Intel Xeon 2.80GHz	400	2679	NA	NA
Mobile AMD Athlon 64 2700+	398	2680	NA	NA
AMD Opteron 140	396	2682	0.62	\$640.00
Intel Core Solo T1350 @ 1.86GHz	396	2681	NA	NA
AMD Athlon TF-36	395	2684	NA	NA
Intel Pentium 4 3.40GHz	395	2683	NA	NA
Mobile AMD Sempron 2600+	394	2686	NA	NA
VIA Esther 2000MHz	394	2685	NA	NA
AMD Athlon XP 2700+	393	2687	4.64	\$84.79*
Intel Celeron M 1.70GHz	393	2689	NA	NA
Intel Core Solo T1300 @ 1.66GHz	393	2688	NA	NA
AMD Sempron 2100+	392	2691	NA	NA
Intel Celeron M 440 @ 1.86GHz	392	2690	NA	NA
AMD Sempron 210U	391	2693	NA	NA
Intel Xeon 3.00GHz	391	2692	NA	NA
AMD Athlon 2000+	390	2696	NA	NA
AMD Turion 64 Mobile ML-28	390	2695	NA	NA
Intel Celeron 723 @ 1.20GHz	390	2694	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Sempron 3000+	389	2697	NA	NA
AMD Sempron 2800+	383	2698	6.40	\$59.95
Intel Atom Z550 @ 2.00GHz	381	2699	NA	NA
AMD Athlon 64 FX-34	380	2700	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 6000	378	2702	2.04	\$183.99*
AMD Turion 64 Mobile MT-30	378	2702	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2703	NA	NA
Intel Pentium M 1700MHz	376	2704	NA	NA
AMD Athlon 2500+	374	2705	2.04	\$183.99*
AMD Athlon 64 2600+	374	2707	NA	NA
AMD Athlon XP2400+	374	2706	NA	NA
AMD Sempron 2600+	374	2708	10.71	\$34.95
Intel Pentium 4 3.20GHz	373	2709	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2710	NA	NA
AMD Athlon XP 2600+	372	2711	16.18	\$23.03*
Mobile AMD Athlon 2500+	370	2713	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2712	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2715	NA	NA
VIA Nano L2007@1600MHz	369	2714	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2717	NA	NA
VIA C7-D 2000MHz	368	2716	NA	NA
AMD Athlon XP Pro3+	367	2718	NA	NA
Intel Pentium M 1.50GHz	366	2719	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2721	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2720	NA	NA
Intel Celeron M 1.60GHz	364	2724	NA	NA
Intel Pentium M 1.60GHz	364	2722	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2723	NA	NA
AMD Athlon 2200+	363	2725	4.55	\$79.99*
Mobile AMD Sempron 2800+	361	2726	NA	NA
AMD Athlon XP 2400+	360	2727	4.01	\$89.99*
Intel Core2 Solo U2100 @ 1.06GHz	359	2728	NA	NA
Mobile AMD Athlon 4 2400+	358	2729	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2730	NA	NA
AMD Athlon XP 2500+	355	2731	NA	NA
Intel Pentium M 1500MHz	354	2732	NA	NA
Mobile AMD Sempron 3200+	354	2733	NA	NA
AMD Athlon XP1900+	353	2734	NA	NA
Intel Pentium 4 3.00GHz	353	2735	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 Z540 @ 1.86GHz	348	2737	NA	NA
Intel Pentium 4 3.06GHz	347	2738	NA	NA
Intel Atom E680 @ 1.60GHz	346	2740	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2741	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2739	NA	NA
Intel Atom D425 @ 1.80GHz	345	2743	0.35	\$992.98*
Intel Pentium M 1.40GHz	345	2742	NA	NA
AMD Athlon XP 1700	344	2744	NA	NA
Intel Celeron M 1.50GHz	343	2745	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M 1900+	342	2746	NA	NA
AMD Athlon MP 1700+	339	2747	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2749	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2748	NA	NA
AMD Sempron 2500+	335	2750	6.11	\$54.95*
Intel Pentium M 1600MHz	335	2752	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2751	NA	NA
Intel Celeron M 420 @ 1.60GHz	334	2753	NA	NA
Intel Celeron 3.33GHz	333	2754	NA	NA
Intel Celeron M 1500MHz	333	2755	NA	NA
Intel Atom N470 @ 1.83GHz	332	2756	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2757	1.58	\$209.99
Intel Core Solo U1500 @ 1.33GHz	330	2758	NA	NA
AMD Athlon XP 2200+	328	2760	3.87	\$84.95*
Intel Celeron M 360 1.40GHz	328	2759	NA	NA
AMD Athlon XP 2100+	323	2761	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2762	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2763	NA	NA
Intel Pentium 4 2.80GHz	322	2764	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2765	NA	NA
Intel Pentium M 1400MHz	320	2766	NA	NA
AMD E-240	319	2767	NA	NA
AMD Sempron 2300+	318	2768	7.07	\$45.00*

 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>Intel Celeron M 1300MHz</u>	315	2770	NA	NA
<u>Intel Celeron D 356 @ 3.33GHz</u>	315	2770	NA	NA
<u>Intel Celeron M 410 @ 1.46GHz</u>	315	2771	NA	NA
<u>Mobile Intel Pentium 4 2.80GHz</u>	315	2772	NA	NA
<u>AMD Sempron 2400+</u>	314	2775	12.10	\$26.00*
<u>Intel Atom N475 @ 1.83GHz</u>	314	2773	NA	NA
<u>Mobile AMD Athlon 4</u>	314	2774	3.62	\$86.99*
<u>Mobile Intel Pentium 4 - M 2.60GHz</u>	313	2776	NA	NA
<u>AMD Athlon XP 1900+</u>	312	2777	NA	NA
<u>Intel Core2 Solo U2200 @ 1.20GHz</u>	311	2778	NA	NA
<u>AMD C-30</u>	310	2779	NA	NA
<u>Intel Pentium III 1266S @ 1266MHz</u>	309	2780	NA	NA
<u>AMD G-T52R</u>	308	2781	NA	NA
<u>Intel Atom 230 @ 1.60GHz</u>	307	2782	NA	NA
<u>VIA Nano U2500@1200MHz</u>	306	2783	NA	NA
<u>AMD Athlon L110</u>	303	2786	NA	NA
<u>Intel Celeron M 1300MHz</u>	303	2785	NA	NA
<u>Intel Pentium M 1300MHz</u>	303	2784	NA	NA
<u>Intel Atom N2100 @ 1.60GHz</u>	302	2787	NA	NA
<u>Intel Celeron 1400MHz</u>	302	2788	NA	NA
<u>Intel Celeron D 352 @ 3.20GHz</u>	302	2789	NA	NA
<u>Intel Atom D410 @ 1.66GHz</u>	301	2791	0.47	\$635.99*
<u>Intel Pentium M 1.30GHz</u>	301	2790	NA	NA
<u>AMD Athlon XP 1800+</u>	300	2793	5.10	\$58.95*
<u>Mobile AMD Athlon XP-M 2000+</u>	300	2792	NA	NA
<u>AMD Athlon XP 2000+</u>	299	2794	12.00	\$24.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD V105</u>	299	2795	NA	NA
<u>Intel Pentium III 1400S @ 1400MHz</u>	299	2796	NA	NA
<u>Intel Pentium M 1.20GHz</u>	298	2797	NA	NA
<u>Intel Pentium III 1400 @ 1400MHz</u>	297	2799	NA	NA
<u>Mobile AMD Athlon XP-M 1800+</u>	297	2798	NA	NA
<u>Intel Atom N450 @ 1.66GHz</u>	296	2801	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 1600+</u>	296	2802	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 Z530 @ 1.60GHz	283	2823	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2803	NA	NA
AMD Athlon 1500+	294	2805	NA	NA
Mobile Intel Celeron 1200MHz	294	2804	NA	NA
Intel Pentium 4 2.93GHz	293	2806	NA	NA
AMD Geode NX 1750	291	2807	NA	NA
Intel Celeron 1333MHz	290	2808	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2809	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2810	NA	NA
686 Gen	288	2813	NA	NA
AMD Athlon 7850 Dual-Core 2.8G	288	2816	NA	NA
Intel Celeron 1300MHz	288	2814	NA	NA
Intel Celeron 3.20GHz	288	2812	NA	NA
Intel Pentium 4 2.60GHz	288	2815	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2811	NA	NA
AMD Athlon XP2100+	287	2818	NA	NA
VIA C7-D 1500MHz	287	2817	NA	NA
Intel Celeron 3.06GHz	284	2820	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2819	NA	NA
VIA C7 1500MHz	284	2821	NA	NA
Intel Atom N455 @ 1.66GHz	283	2823	NA	NA
Intel Celeron 2.93GHz	283	2822	NA	NA
AMD Athlon XP 1500	282	2828	NA	NA
AMD Sempron 2200+	282	2827	9.42	\$29.99*
Intel Atom N280 @ 1.66GHz	282	2824	NA	NA
Intel Celeron 1133MHz	282	2825	NA	NA
Intel Pentium M 1.10GHz	282	2826	NA	NA
AMD Athlon XP1600+	281	2829	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2831	NA	NA
Mobile Intel Celeron 2.50GHz	281	2830	NA	NA
Mobile Intel Celeron 1333MHz	280	2832	NA	NA
AMD Athlon 4	279	2833	4.00	\$69.99
Mobile Intel Pentium 4 2.66GHz	279	2834	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2836	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2835	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 1.30GHz</u>	276	2838	<u>30.35</u>	<u>\$9.10*</u>
<u>Intel Xeon 2.40GHz</u>	276	2838	<u>30.35</u>	<u>\$9.10*</u>
<u>Intel Celeron M 1200MHz</u>	275	2840	NA	NA
<u>VIA Nano U3500@1000MHz</u>	275	2839	NA	NA
<u>VIA Nano U2250@1300+MHz</u>	274	2841	NA	NA
<u>Intel Core Solo U1300 @ 1.06GHz</u>	273	2842	NA	NA
<u>AMD Athlon XP 1700+</u>	271	2844	<u>4.43</u>	<u>\$61.25*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Atom E660 @ 1.30GHz</u>	271	2843	<u>5.03</u>	<u>\$54.00*</u>
<u>Intel Celeron D 347 @ 3.06GHz</u>	270	2845	NA	NA
<u>Intel Atom N270 @ 1.60GHz</u>	269	2846	NA	NA
<u>AMD Athlon XP 1600+</u>	267	2848	NA	NA
<u>AMD Sempron 200U</u>	267	2847	<u>3.08</u>	<u>\$87.00*</u>
<u>Mobile AMD Athlon 1400+</u>	266	2849	NA	NA
<u>Mobile AMD Athlon MP-M 1800+</u>	265	2850	NA	NA
<u>AMD Geode NX</u>	264	2851	NA	NA
<u>Mobile Intel Pentium 4 2.40GHz</u>	264	2852	NA	NA
<u>Intel Atom N435 @ 1.33GHz</u>	261	2854	NA	NA
<u>Mobile AMD Athlon XP-M 1500+</u>	261	2853	NA	NA
<u>Mobile AMD Athlon XP-M 1600+</u>	260	2855	NA	NA
<u>Intel Celeron 1066MHz</u>	259	2856	NA	NA
<u>Intel Pentium M 1100MHz</u>	259	2857	NA	NA
<u>AMD Athlon XP 1500+</u>	257	2858	NA	NA
<u>Mobile Intel Pentium 4 - M 2.50GHz</u>	256	2859	NA	NA
<u>Intel Celeron 2.80GHz</u>	254	2860	NA	NA
<u>Intel Pentium 4 2.66GHz</u>	254	2861	NA	NA
<u>Intel Celeron M 443 @ 1.20GHz</u>	253	2862	NA	NA
<u>Intel XEON 2.20GHz</u>	252	2863	NA	NA
<u>Mobile AMD Sempron 2100+</u>	252	2864	NA	NA
<u>Intel Pentium III Mobile 1133MHz</u>	251	2865	NA	NA
<u>Mobile Intel Pentium III - M 1000MHz</u>	250	2867	NA	NA
<u>VIA Esther 1300MHz</u>	250	2866	NA	NA
<u>Intel Celeron 2.66GHz</u>	249	2868	NA	NA
<u>Intel Pentium 4 2.53GHz</u>	248	2869	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.53GHz	246	2871	NA	NA
Intel Pentium III Mobile 1066MHz	246	2871	NA	NA
Intel Celeron 2.53GHz	245	2874	NA	NA
Intel Celeron 2.70GHz	245	2875	NA	NA
Intel Pentium 4 2.50GHz	245	2873	NA	NA
Intel Pentium III Mobile 1000MHz	245	2872	NA	NA
Intel Celeron 1200MHz	244	2877	NA	NA
Intel Celeron 2.10GHz	244	2876	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2878	NA	NA
Intel Pentium III Mobile 1200MHz	240	2879	NA	NA
Intel Celeron 2.60GHz	238	2880	NA	NA
Intel Pentium III 933S @ 933MHz	238	2881	NA	NA
Intel Pentium M 1200MHz	237	2882	NA	NA
Mobile Intel Celeron 2.40GHz	236	2883	NA	NA
Intel Pentium M 1000MHz	233	2885	NA	NA
Intel Xeon 2.00GHz	233	2884	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2886	NA	NA
AMD Athlon MP	230	2887	18.46	\$12.49
AMD G-T44R	229	2888	NA	NA
Intel Pentium 4 2.40GHz	228	2889	NA	NA
Intel Celeron 2.30GHz	227	2890	NA	NA
Mobile Intel Celeron 2.20GHz	226	2891	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2892	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.26GHz	223	2893	NA	NA
VIA C7-M 6300MHz	222	2894	NA	NA
Intel Pentium 4 2.26GHz	221	2895	NA	NA
VIA Esther 1500MHz	219	2896	NA	NA
Intel Atom Z515 @ 1.20GHz	218	2898	NA	NA
Intel Pentium III Mobile 933MHz	218	2897	7.55	\$28.99
Intel Atom Z520 @ 1.33GHz	217	2899	NA	NA
Intel Celeron 2.40GHz	217	2900	NA	NA
Intel Pentium M 900MHz	217	2901	NA	NA
Intel Celeron 1000MHz	213	2903	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)
<u>Intel Celeron 2.00GHz</u>	213	2902	NA	NA
<u>Mobile Intel Pentium 4 - M 2.40GHz</u>	213	2902	NA	NA
<u>Mobile Intel Pentium III - M 866MHz</u>	211	2905	NA	NA
<u>Intel Pentium 4 2.20GHz</u>	209	2907	NA	NA
<u>Intel Pentium 4 Mobile 1.90GHz</u>	209	2906	NA	NA
<u>Intel Celeron 2.13GHz</u>	208	2909	NA	NA
<u>Intel Pentium 4 Mobile 1.70GHz</u>	208	2908	NA	NA
<u>Intel Celeron M 1.00GHz</u>	207	2910	16.60	\$12.49
<u>Intel Celeron M 900MHz</u>	204	2912	NA	NA
<u>Mobile Intel Celeron 2.00GHz</u>	204	2911	NA	NA
<u>AMD G-T40R</u>	203	2914	NA	NA
<u>VIA C7-D 1800MHz</u>	203	2913	NA	NA
<u>Intel Pentium 4 Mobile 2.00GHz</u>	202	2915	NA	NA
<u>Mobile Intel Pentium 4 - M 2.00GHz</u>	202	2916	NA	NA
<u>Mobile Intel Pentium III - M 933MHz</u>	200	2917	NA	NA
<u>Mobile Intel Pentium 4 - M 2.20GHz</u>	198	2918	NA	NA
<u>Intel Pentium 4 Mobile 1.50GHz</u>	197	2919	NA	NA
<u>Intel Pentium 4 3.83GHz</u>	195	2920	NA	NA
<u>Mobile Intel Pentium 4 - M 1.60GHz</u>	195	2921	NA	NA
<u>Intel Atom Z510 @ 1.10GHz</u>	194	2922	4.33	\$45.00*
<u>Intel Pentium 4 1600MHz</u>	193	2924	0.30	\$647.45*
<u>Intel Xeon 1500MHz</u>	193	2923	NA	NA
<u>Intel Pentium 4 2.00GHz</u>	189	2925	NA	NA
<u>Mobile Intel Celeron 1.50GHz</u>	188	2926	NA	NA
<u>Mobile Intel Celeron 1.60GHz</u>	188	2927	NA	NA
<u>Intel Celeron B710 @ 1.60GHz</u>	186	2928	NA	NA
<u>Mobile Intel Celeron 1.80GHz</u>	186	2929	NA	NA
<u>Intel Celeron M ULV 800MHz</u>	184	2932	NA	NA
<u>Intel Pentium 4 4.00GHz</u>	184	2930	NA	NA
<u>Mobile AMD Athlon XP-M 1400+</u>	184	2931	NA	NA
<u>Intel Celeron 2.00GHz</u>	182	2934	NA	NA
<u>Intel Pentium III Mobile 800MHz</u>	182	2933	NA	NA
<u>Mobile Intel Celeron 1.70GHz</u>	181	2935	NA	NA
<u>Intel Pentium 4 Mobile 1.60GHz</u>	178	2936	NA	NA
<u>VIA C7-M 1600MHz</u>	178	2937	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Mobile Intel Pentium 4 - M 1.80GHz</u>	175	2938	NA	NA
<u>Intel Celeron 1100MHz</u>	174	2940	NA	NA
<u>Mobile Intel Pentium 4 - M 1.70GHz</u>	173	2941	1.09	\$159.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Mobile Intel Celeron 1.20GHz</u>	170	2942	NA	NA
<u>Intel Pentium 4 1.40GHz</u>	164	2943	NA	NA
<u>VIA C7-M 1000MHz</u>	164	2944	NA	NA
<u>Intel Pentium 4 1800MHz</u>	162	2945	NA	NA
<u>Intel Pentium 4 1.80GHz</u>	161	2946	NA	NA
<u>Intel Pentium 4 1.90GHz</u>	159	2947	NA	NA
<u>VIA Eden 800MHz</u>	155	2948	NA	NA
<u>VIA Nehemiah</u>	155	2949	NA	NA
<u>Intel Pentium 4 1700MHz</u>	154	2950	NA	NA
<u>Intel Pentium III Mobile 866MHz</u>	152	2951	NA	NA
<u>Intel Celeron M 600MHz</u>	151	2952	NA	NA
<u>Intel Pentium 4 Mobile 1.40GHz</u>	149	2953	NA	NA
<u>Intel Celeron 600MHz</u>	147	2954	NA	NA
<u>VIA Esther 1000MHz</u>	146	2955	NA	NA
<u>VIA Eden 1200MHz</u>	142	2956	NA	NA
<u>VIA C7-M 1200MHz</u>	140	2957	NA	NA
<u>Intel Celeron 1.80GHz</u>	136	2958	NA	NA
<u>Intel Pentium 4 1.70GHz</u>	132	2959	NA	NA
<u>Intel Pentium 4 1.50GHz</u>	131	2960	NA	NA
<u>Intel Celeron 1.70GHz</u>	130	2961	NA	NA
<u>Intel Pentium 4 1.60GHz</u>	129	2962	NA	NA
<u>Intel Pentium 4 1400MHz</u>	127	2963	NA	NA
<u>Intel Pentium 4 1500MHz</u>	125	2964	NA	NA
<u>VIA Eden 1000MHz</u>	123	2965	NA	NA
<u>Intel Pentium 4 1300MHz</u>	119	2966	NA	NA
<u>AMD Athlon 64 2000+</u>	116	2967	NA	NA
<u>AMD-K6-III</u>	108	2968	NA	NA
<u>Intel Pentium III Mobile 750MHz</u>	103	2969	NA	NA
<u>VIA C3 Ezra</u>	100	2970	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Multi CPU Systems				
VIA Samuel 2				
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	331	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	152	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	437	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	443	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	489	NA	NA
[Dual CPU] AMD EPYC 7251	12955	208	14.26	\$908.36
[Dual CPU] AMD EPYC 7261	12430	215	13.89	\$895.20
[Dual CPU] AMD EPYC 7281	13293	204	10.48	\$1,267.88
[Dual CPU] AMD EPYC 7371	19370	134	NA	NA
[Dual CPU] AMD EPYC 7401	23518	81	7.24	\$3,249.80
[Dual CPU] AMD EPYC 7451	28957	46	6.09	\$4,758.60
[Dual CPU] AMD EPYC 7501	28991	45	7.03	\$4,121.72
[Dual CPU] AMD EPYC 7551	31452	33	4.21	\$7,470.46
[Dual CPU] AMD EPYC 7601	33545	25	5.33	\$6,299.12
[Dual CPU] AMD EPYC 7742	55574	1	4.00	\$13,900.00*
[Dual CPU] AMD Opteron 246	1130	478	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	479	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	474	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	475	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	484	NA	NA
[Dual CPU] AMD Opteron 256	1853	471	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	469	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	465	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	468	13.00	\$164.10*
[Dual CPU] AMD Opteron 280	2452	460	18.86	\$130.00
[Dual CPU] AMD Opteron 285	2769	450	17.32	\$159.90
[Dual CPU] AMD Opteron 290	2716	452	10.06	\$270.00*
[Dual CPU] AMD Opteron 850	1410	476	0.47	\$3,028.00*
[Dual CPU] AMD Opteron 885	2851	446	NA	NA
[Dual CPU] AMD Opteron 2212	2203	466	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	461	40.41	\$58.00*

 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 Opteron 2200 Series				
[Dual CPU] AMD Opteron 2216	2485	458	48.16	\$51.60
[Dual CPU] AMD Opteron 2216 HE	2593	454	NA	NA
[Dual CPU] AMD Opteron 2218	2719	451	17.00	\$159.90
[Dual CPU] AMD Opteron 2218 HE	2514	455	NA	NA
[Dual CPU] AMD Opteron 2220	2854	445	17.85	\$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	444	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	441	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	435	45.30	\$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	425	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	432	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	426	25.50	\$159.90*
[Dual CPU] AMD Opteron 2354	4554	414	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	417	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	396	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	423	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	410	36.92	\$130.00
[Dual CPU] AMD Opteron 2376	5238	397	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	395	14.85	\$358.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2380	5560	389	61.78	\$90.00
[Dual CPU] AMD Opteron 2384	5714	382	3.40	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	369	NA	NA
[Dual CPU] AMD Opteron 2389	5677	383	48.11	\$118.00*
[Dual CPU] AMD Opteron 2419	5191	399	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	370	NA	NA
[Dual CPU] AMD Opteron 2427	5907	379	45.44	\$130.00
[Dual CPU] AMD Opteron 2431	6438	363	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7068	347	54.37	\$130.00
[Dual CPU] AMD Opteron 2439 SE	8071	317	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	427	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	385	24.58	\$229.90*
[Dual CPU] AMD Opteron 4170 HE	6344	366	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	364	7.77	\$819.90*

 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 4226	8088	316	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	319	NA	NA
[Dual CPU] AMD Opteron 4234	8953	291	19.46	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	6797	354	84.98	\$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	275	NA	NA
[Dual CPU] AMD Opteron 4280	4525	415	45.25	\$100.00*
[Dual CPU] AMD Opteron 4284	9151	284	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9462	282	21.86	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	255	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	263	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11410	236	40.75	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	355	178.04	\$37.98
[Dual CPU] AMD Opteron 6128 HE	5582	388	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	301	NA	NA
[Dual CPU] AMD Opteron 6134	7586	333	86.22	\$87.98*
[Dual CPU] AMD Opteron 6136	7255	341	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	402	NA	NA
[Dual CPU] AMD Opteron 6168	7741	328	6.67	\$1,159.90
[Dual CPU] AMD Opteron 6172	7621	332	19.24	\$396.00*
[Dual CPU] AMD Opteron 6174	7783	323	59.87	\$130.00
[Dual CPU] AMD Opteron 6176 SE	8448	306	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	438	16.40	\$189.90
[Dual CPU] AMD Opteron 6204	7134	343	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	295	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	250	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	268	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	257	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	9841	272	70.30	\$139.98
[Dual CPU] AMD Opteron 6274	10536	252	117.09	\$89.98
[Dual CPU] AMD Opteron 6275	10900	248	NA	NA
[Dual CPU] AMD Opteron 6276	10101	267	29.88	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	229	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8349	308	13.47	\$619.96
[Dual CPU] AMD Opteron 6320	10716	251	20.88	\$513.18

 CPU 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)
[Dual CPU] AMD Opteron 6328	12013	228	10.09	\$1,190.00
[Dual CPU] AMD Opteron 6344	11203	241	14.40	\$778.00*
[Dual CPU] AMD Opteron 6348	11412	235	18.64	\$612.20
[Dual CPU] AMD Opteron 6366 HE	12147	222	202.52	\$59.98*
[Dual CPU] AMD Opteron 6376	10452	254	80.40	\$130.00
[Dual CPU] AMD Opteron 6378	9145	285	24.07	\$380.00
[Dual CPU] AMD Opteron 6380	14200	187	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	221	42.05	\$289.98
[Dual CPU] AMD Opteron 8218	2831	447	61.54	\$46.00*
[Dual CPU] AMD Opteron 8220	2510	456	15.70	\$159.90
[Dual CPU] AMD Opteron 8222 SE	2793	449	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	436	67.15	\$48.00
[Dual CPU] AMD Opteron 8380	5643	386	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	398	NA	NA
[Dual CPU] AMD Opteron 8389	6517	360	41.25	\$158.00*
[Dual CPU] AMD Opteron 8431	5813	380	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	356	46.80	\$144.00*
[Dual CPU] AMD Opteron 8439 SE	7691	330	64.09	\$120.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	477	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	463	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	431	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	320	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	498	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	496	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	539	493	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	540	492	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	499	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	500	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	497	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	495	25.99	\$18.20*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2400 v2				
[Dual CPU] Intel Xeon 2.80GHz	679	486	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	485	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	488	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	483	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	482	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	927	481	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1854	470	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	480	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	467	30.53	\$70.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2315	462	0.71	\$3,239.98*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	453	26.73	\$97.98*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	439	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2975	442	59.52	\$49.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	440	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3409	433	12.18	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3826	429	38.27	\$99.98
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8929	294	18.49	\$482.92
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11012	245	15.45	\$712.54*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	371	27.97	\$221.82
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	368	87.58	\$71.98*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	339	43.00	\$169.84*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	287	49.14	\$183.50
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11299	238	14.49	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	230	141.75	\$84.02
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	311	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13220	207	65.37	\$202.24
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	191	68.82	\$200.00

 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 E5-2430L @ 2.00GHz	12354	218	NA	NA
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12419	216	155.28	\$79.98
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	12854	209	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	11334	237	NA	NA
[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	15680	171	130.71	\$119.96
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15106	179	47.51	\$317.98
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	11664	232	44.86	\$260.00*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	13442	201	52.51	\$256.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	18572	142	41.83	\$444.00
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	6340	367	66.25	\$95.70*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6520	359	54.34	\$119.98*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	8369	307	62.24	\$134.46
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8932	293	17.18	\$520.00*
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8162	314	42.49	\$192.08*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	9017	288	94.92	\$95.00*
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	10029	270	47.29	\$212.06*
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10993	246	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	12249	220	211.26	\$57.98
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	13225	206	165.35	\$79.98
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	15265	176	109.05	\$139.98
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	16453	161	22.54	\$729.98
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	14339	186	11.05	\$1,298.00*
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz				

 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 E5-2620L v2 @ 2.60GHz	14589	184	NA	NA
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	13464	200	168.55	\$79.88*
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	15944	167	181.43	\$87.88
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	18512	146	94.45	\$196.00
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18725	141	16.75	\$1,118.00
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11172	242	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	193	175.27	\$78.20*
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	178	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7706	329	4.35	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15884	169	93.45	\$169.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16395	162	49.62	\$330.38
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16703	160	7.67	\$2,178.30
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14644	183	122.14	\$119.90
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14505	185	39.36	\$368.48
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19797	126	73.32	\$270.00*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20530	120	11.15	\$1,840.54*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13673	194	112.09	\$121.98
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20664	117	49.20	\$419.98
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21029	110	40.44	\$519.98
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	104	6.44	\$3,342.50*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12399	217	NA	NA

 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 E5-2648L v3 @ 1.90GHz			1.90	\$2,320.00
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	148	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15034	180	172.80	\$87.00
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18872	139	130.96	\$144.10
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20294	122	78.06	\$259.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20809	115	10.31	\$2,018.00
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	13621	197	86.21	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14152	188	52.09	\$271.68*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	111	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2652 v3 @ 2.30GHz	19588	129	8.36	\$2,342.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13855	189	4.74	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	140	52.29	\$359.98*
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	133	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	151	4.85	\$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16378	163	62.12	\$263.64*
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17795	150	51.14	\$347.96*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22374	97	41.13	\$544.02
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23086	87	7.70	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	86	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17026	156	83.16	\$204.74*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	72	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16370	164	158.32	\$103.40
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22686	93	34.37	\$660.00*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz			5.88	\$3,898.06*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22916	89	5.88	\$3,898.06*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18167	147	62.64	\$290.00
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20642	119	49.38	\$418.00
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22298	98	71.93	\$309.98
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	83	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21751	103	15.54	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	61	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19762	127	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	20856	114	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	39	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18564	144	120.66	\$153.86
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21461	105	61.32	\$350.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24220	78	17.94	\$1,350.38
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22761	91	7.54	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	157	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21194	109	20.78	\$1,019.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	70	5.66	\$4,417.86*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	100	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26907	59	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	49	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20787	116	50.21	\$414.00*

 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 E5-2687W v3 @ 3.40GHz	24293	77	20.59	\$1,179.98
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26649	60	6.13	\$4,349.98*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19404	132	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	25703	67	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19638	128	73.83	\$266.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23560	80	27.41	\$859.52
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25801	66	52.66	\$490.00
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27411	56	6.32	\$4,339.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20906	112	40.36	\$517.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24793	73	25.30	\$979.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	76	2.12	\$11,616.00
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23501	82	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	38	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31774	32	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23312	85	37.72	\$618.00
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27386	57	30.77	\$890.00
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30440	37	4.98	\$6,109.98*
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	29185	44	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	28325	52	19.16	\$1,478.00
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	36	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	30	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	79	NA	NA

 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 E5-2699 v4 @ 2.30GHz	34013	23	5.06	\$6,719.00
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	23	5.06	\$6,719.00
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	118	NA	NA
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz	15383	174	85.56	\$179.80*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	131	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	168	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	136	35.31	\$544.08*
[Dual CPU] Intel Xeon E5-4640 v3 @ 1.90GHz	20468	121	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	130	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18565	143	132.63	\$139.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	181	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650 v4 @ 2.20GHz	21855	102	2.85	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	13742	192	57.26	\$239.98*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	95	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	55	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	223	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	170	NA	NA
[Dual CPU] Intel Xeon E7-4830 @ 2.13GHz	9539	281	147.66	\$64.60*
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	96	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	227	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15263	177	40.38	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10965	247	27.41	\$399.98*
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10207	265	1.02	\$10,017.02*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	464	120.97	\$18.84*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3554	430	36.27	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4166	422	53.75	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	405	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	413	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5120	401	64.02	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5134	400	64.26	\$79.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6008	376	14.38	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6348	365	50.42	\$125.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6831	353	30.77	\$221.98*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7119	344	35.95	\$198.00*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7499	336	69.44	\$108.00*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7093	346	129.91	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7774	324	129.39	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2492	457	13.12	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2805	448	4.89	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4878	409	34.87	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4990	404	39.60	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	392	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7300	340	255.78	\$28.54*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7576	334	291.38	\$26.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7753	326	65.70	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	424	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	390	12.57	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5947	378	42.96	\$138.42*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	7986	318	67.69	\$117.98*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8329	309	118.99	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8664	300	154.77	\$55.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10237	264	62.95	\$162.62*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10259	261	49.29	\$208.14*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	391	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	394	29.87	\$179.98*
[Dual CPU] Intel Xeon E7540 @ 2.00GHz	6738	357	210.96	\$31.94*

 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 5115 @ 2.40GHz	21437	106	NA	NA
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21250	108	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	22810	90	10.87	\$2,098.72*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	69	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	153	6.85	\$2,548.04
[Dual CPU] Intel Xeon Gold 5217 @ 3.00GHz	22282	99	7.32	\$3,044.00*
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	58	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	22983	88	6.92	\$3,319.90*
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	138	7.83	\$2,442.00*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28610	50	7.57	\$3,779.94*
[Dual CPU] Intel Xeon Gold 6126T @ 2.60GHz	19161	137	5.14	\$3,730.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22725	92	6.46	\$3,519.50*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26366	62	6.80	\$3,875.58
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	54	5.48	\$5,017.90
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	24666	75	5.74	\$4,300.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29725	41	5.69	\$5,227.18*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	53	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34125	22	6.32	\$5,397.90*
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	29	6.68	\$4,879.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	47	4.72	\$6,116.66*
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	29907	40	NA	NA

 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 6146 @ 3.50GHz	29655	42	3.22	\$9,217.90*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36731	16	6.28	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32941	28	5.01	\$6,569.90*
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33142	26	4.48	\$7,404.24*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	14	4.75	\$7,818.00*
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	24959	71	5.62	\$4,440.00*
[Dual CPU] Intel Xeon Gold 6242 @ 2.80GHz	33019	27	6.16	\$5,356.98
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31379	34	4.82	\$6,509.68*
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33741	24	5.13	\$6,572.00*
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	9	5.87	\$6,599.98*
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	37405	12	4.68	\$7,999.98*
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41159	5	5.55	\$7,418.00*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	416	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	420	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	407	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	387	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	373	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6453	362	117.33	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	375	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	406	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	351	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6961	350	271.49	\$25.64*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7553	335	196.08	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6973	349	166.10	\$41.98*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8693	298	62.18	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9607	278	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9669	276	58.00	\$166.72*

 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 MP 2.70GHz				
[Dual CPU] Intel Xeon MP 2.70GHz	538	494	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	487	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	472	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36271	18	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	37838	11	2.46	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	43	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	8	3.33	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	17	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	19	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	13	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Platinum 8260 @ 2.40GHz	38657	10	4.11	\$9,404.00*
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	6	3.65	\$11,260.00
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	166	15.66	\$1,019.90
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16817	159	18.69	\$899.96
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	198	13.24	\$1,027.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19256	135	16.72	\$1,151.78
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	107	11.36	\$1,886.26*
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	125	19.96	\$1,002.00*
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	25402	68	19.85	\$1,280.00
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10070	269	47.04	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10249	262	2.04	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	260	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	411	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	412	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	408	17.46	\$280.00*

 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 X5365 @ 3.00GHz	6196	372	39.72	\$155.98*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7436	337	62.01	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7817	321	39.17	\$199.56*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	315	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7769	325	17.26	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8170	313	40.85	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8672	299	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8758	296	14.36	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	8998	289	132.36	\$67.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9279	283	19.34	\$479.90*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9642	277	241.90	\$39.86*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11237	239	80.92	\$138.86
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11651	233	92.16	\$126.42
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10289	259	220.51	\$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12083	224	137.46	\$87.90
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10320	258	114.69	\$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12446	213	117.44	\$105.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11157	243	65.63	\$170.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13428	202	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13340	203	95.29	\$140.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11736	231	104.19	\$112.64*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13655	195	55.51	\$246.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	305	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	358	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	297	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7542 @ 2.67GHz	8972	290	13.22	\$678.48*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	271	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11230	240	255.23	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	421	46.34	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	403	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	419	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	418	33.66	\$130.00

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Quad-Core AMD Opteron 8378	6864	352	NA	NA
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	352	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	384	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	377	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	310	NA	NA
[Quad CPU] AMD Opteron 6136	9767	273	22.20	\$440.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 6174	8594	303	33.05	\$260.00
[Quad CPU] AMD Opteron 6272	12292	219	43.91	\$279.96
[Quad CPU] AMD Opteron 6274	10488	253	58.28	\$179.96
[Quad CPU] AMD Opteron 6276	15342	175	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	225	24.31	\$495.80
[Quad CPU] AMD Opteron 6282 SE	11044	244	4.31	\$2,560.00
[Quad CPU] AMD Opteron 6376	13257	205	50.99	\$260.00
[Quad CPU] AMD Opteron 6378	20859	113	27.45	\$760.00
[Quad CPU] AMD Opteron 6380	12442	214	52.72	\$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	361	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	374	NA	NA
[Quad CPU] AMD Opteron 8382	8553	304	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	338	NA	NA
[Quad CPU] AMD Opteron 8431	8252	312	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	345	24.65	\$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	292	37.26	\$240.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	473	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	434	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	158	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	14669	182	27.32	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	196	42.59	\$319.96*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	74	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	20036	124	18.41	\$1,088.16*

 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 E5-4650 v2 @ 2.70GHz			2.14	\$14,436.00*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	64	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	18557	145	38.66	\$479.96*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	35	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	123	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	13606	199	105.31	\$129.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	165	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	21	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	51	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	31	NA	NA
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	15	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	15433	172	96.48	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17398	154	131.84	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15429	173	20.41	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	211	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	17965	149	0.90	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	348	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	327	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	266	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	279	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	286	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	65	5.13	\$5,096.08
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	20	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	7	2.75	\$14,808.48*
[Quad CPU] Intel Xeon Gold 6248 @ 2.50GHz	41863	4	3.17	\$13,199.96*

 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 L7555 @ 1.87GHz	10406	256	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	3	1.10	\$40,060.00*
[Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz	48904	2	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	280	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	226	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	302	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	234	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	12824	210	145.73	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	342	27.58	\$260.00

* - Last price seen from our affiliates.

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