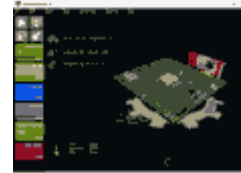



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[Forums](#)
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[Video Card Benchmarks](#)
[Hard Drive Benchmarks](#)
[RAM](#)
[PC Systems](#)
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[iOS / iPhone](#)

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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.

How does your CPU compare?

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Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Platinum 8173M @ 2.00GHz	28860	1	NA	NA
Intel Core i9-9940X @ 3.30GHz	28121	2	20.27	\$1,387.00*
Intel Xeon Platinum 8175M @ 2.50GHz	28103	3	NA	NA
Intel Core i9-7980XE @ 2.60GHz	27817	4	13.65	\$2,037.30
Intel Xeon Gold 6154 @ 3.00GHz	27722	5	7.26	\$3,819.96
Intel Xeon Platinum 8124M @ 3.00GHz	26652	6	NA	NA
AMD Ryzen Threadripper 2950X	26131	7	29.04	\$899.99
Intel Core i9-7960X @ 2.80GHz	25731	8	13.55	\$1,899.00
Intel Core i9-7940X @ 3.10GHz	25464	9	20.77	\$1,226.01
Intel Xeon Gold 6138 @ 2.00GHz	25416	10	9.48	\$2,679.99
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	11	9.35	\$2,702.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	12	7.53	\$3,339.00
Intel Xeon W-2195 @ 2.30GHz	24983	13	8.09	\$3,088.37
AMD Ryzen Threadripper 2990WX	24338	14	14.32	\$1,699.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	15	9.25	\$2,589.99*
Intel Xeon Gold 6132 @ 2.60GHz	23907	16	10.71	\$2,232.81*
Intel Core i9-7920X @ 2.90GHz	23244	17	22.79	\$1,019.99
Intel Xeon E5-2699 v4 @ 2.20GHz	23200	18	5.26	\$4,406.90
Intel Xeon E5-2696 v3 @ 2.30GHz	22548	19	9.03	\$2,498.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	20	4.97	\$4,505.95
AMD Ryzen Threadripper 1950X	22051	21	49.00	\$449.99
Intel Core i9-7900X @ 3.30GHz	21992	22	15.72	\$1,399.00
Intel Xeon E5-2697A v4 @ 2.60GHz	21875	23	NA	NA
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	24	6.77	\$3,226.00*
Intel Xeon W-2155 @ 3.30GHz	21790	25	14.24	\$1,530.39*
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	26	7.67	\$2,805.00
Intel Xeon W-2150B @ 3.00GHz	21522	27	NA	NA
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	28	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2697 v3 @ 2.60GHz	21365	29	7.89	\$2,708.95
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	30	9.07	\$2,350.88*
Intel Xeon E5-2698 v3 @ 2.30GHz	21133	31	6.17	\$3,424.02*
Intel Xeon E5-2696 v4 @ 2.20GHz	21077	32	7.00	\$3,009.95*
Intel Xeon E5-2682 v4 @ 2.50GHz	21066	33	NA	NA
Intel Xeon Gold 6136 @ 3.00GHz	21018	34	7.85	\$2,677.82*
AMD Ryzen Threadripper 2920X	20604	35	31.70	\$649.99
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	36	7.87	\$2,573.17*
Intel Core i9-9900K @ 3.60GHz	20224	37	36.77	\$549.99
Intel Xeon E5-2695 v3 @ 2.30GHz	20081	38	9.99	\$2,009.99*
Intel Core i7-7900X @ 3.30GHz	20046	39	NA	NA
Intel Core i7-6950X @ 3.00GHz	19970	40	14.16	\$1,409.99
Intel Xeon E5-2687W v4 @ 3.00GHz	19933	41	8.64	\$2,307.31*
Intel Xeon E5-2689 v4 @ 3.10GHz	19892	42	NA	NA
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	43	11.28	\$1,762.90*
Intel Xeon W-2145 @ 3.70GHz	19712	44	16.30	\$1,209.11
Intel Xeon Gold 6126 @ 2.60GHz	19711	45	10.14	\$1,943.59
Intel Xeon Gold 6144 @ 3.50GHz	19654	46	6.72	\$2,925.00*
Intel Xeon E5-2690 v3 @ 2.60GHz	19295	47	8.71	\$2,215.86*
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	48	NA	NA
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	49	9.12	\$2,087.48*
AMD EPYC 7501	18942	50	4.32	\$4,379.91
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Threadripper 1920X	18863	51	47.16	\$399.99
Intel Xeon Gold 6130 @ 2.10GHz	18722	52	9.64	\$1,941.99
Intel Xeon E5-2680 v3 @ 2.50GHz	18615	53	9.30	\$2,001.00
AMD EPYC 7401P	18546	54	16.06	\$1,154.99
Intel Core i7-7820X @ 3.60GHz	18545	55	28.89	\$642.05
AMD EPYC 7551	18483	56	4.85	\$3,813.99
Intel Xeon W-2140B @ 3.20GHz	18472	57	NA	NA
Intel Xeon D-2183IT @ 2.20GHz	18252	58	10.35	\$1,764.00*
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	59	NA	NA
Intel Xeon Gold 5120T @ 2.20GHz	18145	60	10.51	\$1,727.00*
Intel Xeon Gold 6134 @ 3.20GHz	18083	61	8.38	\$2,159.00
Intel Xeon E5-2687W v3 @ 3.10GHz	17720	62	5.89	\$3,008.95
Intel Core i7-6900K @ 3.20GHz	17698	63	14.76	\$1,198.99
Intel Xeon E5-2676 v3 @ 2.40GHz	17659	64	NA	NA
Intel Xeon E5-2697 v2 @ 2.70GHz	17455	65	7.81	\$2,235.02
Intel Xeon E5-2683 v3 @ 2.00GHz	17411	66	8.77	\$1,984.99*
Intel Core i7-9700K @ 3.60GHz	17368	67	38.34	\$452.95
AMD Ryzen 7 PRO 2700X	17272	68	NA	NA
AMD Ryzen Threadripper 2970WX	17210	69	13.24	\$1,299.99
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	70	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	17071	71	24.39	\$700.00*
Intel Xeon E5-2660 v4 @ 2.00GHz	17069	72	9.70	\$1,760.00*
AMD Ryzen 7 2700X	16971	73	51.43	\$329.99
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	74	NA	NA
Intel Core i7-8086K @ 4.00GHz	16825	75	30.43	\$552.96*
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	76	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1680 v3 @ 3.20GHz	16633	77	NA	NA
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	78	NA	NA
Intel Xeon E5-2687W v2 @ 3.40GHz	16487	79	7.83	\$2,105.59
Intel Xeon E5-2667 v4 @ 3.20GHz	16447	80	7.46	\$2,205.57
Intel Xeon E5-2690 v2 @ 3.00GHz	16446	81	37.81	\$435.00
Intel Xeon E5-1680 v2 @ 3.00GHz	16345	82	NA	NA
Intel Xeon E5-2670 v3 @ 2.30GHz	16331	83	10.39	\$1,572.00*
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	84	NA	NA
Intel Xeon W-2135 @ 3.70GHz	16311	85	17.98	\$907.06
Intel Xeon Gold 5120 @ 2.20GHz	16308	86	10.45	\$1,561.00*
Intel Xeon E5-2667 v2 @ 3.30GHz	16303	87	21.35	\$763.56
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	88	NA	NA
Intel Xeon E5-1660 v4 @ 3.20GHz	16192	89	13.17	\$1,229.52
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	90	8.95	\$1,808.95
Intel Xeon E5-2667 v3 @ 3.20GHz	16119	91	7.13	\$2,259.95*
Intel Xeon E-2146G @ 3.50GHz	16050	92	51.61	\$311.00*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	93	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	15985	94	11.86	\$1,348.00*
Intel Core i7-8700K @ 3.70GHz	15961	95	43.14	\$369.99
Intel Core i7-5960X @ 3.00GHz	15947	96	20.71	\$769.99
Intel Xeon E5-2650 v4 @ 2.20GHz	15912	97	12.44	\$1,279.07*
AMD Ryzen 7 PRO 2700	15897	98	NA	NA
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	99	5.30	\$3,000.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Threadripper 1900X	15862	100	50.14	\$316.38
Intel Xeon E5-2695 v2 @ 2.40GHz	15847	101	8.90	\$1,779.95
AMD EPYC 7351P	15820	102	14.98	\$1,056.00
Intel Xeon E5-2680 v2 @ 2.80GHz	15804	103	44.69	\$353.67
Intel Xeon E5-4660 v3 @ 2.10GHz	15556	104	3.24	\$4,800.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	105	6.97	\$2,225.00*
Intel Xeon E-2186G @ 3.80GHz	15406	106	34.24	\$450.00*
AMD Ryzen 7 1800X	15396	107	55.81	\$275.88
AMD Ryzen 7 PRO 1700X	15349	108	NA	NA
Intel Xeon E5-2640 v4 @ 2.40GHz	15331	109	16.36	\$936.99
Intel Xeon Silver 4116 @ 2.10GHz	15248	110	13.60	\$1,121.16*
Intel Xeon Silver 4123 @ 3.00GHz	15185	111	NA	NA
Intel Core i7-8700 @ 3.20GHz	15159	112	37.58	\$403.37
Intel Xeon E5-2675 v3 @ 1.80GHz	15156	113	NA	NA
Intel Xeon Gold 6128 @ 3.40GHz	15022	114	8.15	\$1,842.27*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	115	NA	NA
AMD Ryzen 7 2700	14993	116	59.97	\$249.99
Intel Xeon E5-2670 v2 @ 2.50GHz	14966	117	30.61	\$489.00*
Intel Xeon E5-2650 v3 @ 2.30GHz	14841	118	7.38	\$2,009.92*
AMD Ryzen 7 PRO 1700	14708	119	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14693	120	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	121	NA	NA
AMD Ryzen 7 1700X	14666	122	75.62	\$193.95
AMD Ryzen 5 PRO 2600	14645	123	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	124	18.73	\$779.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1660 v3 @ 3.00GHz	14565	125	9.01	\$1,616.49*
Intel Core i7-7800X @ 3.50GHz	14529	126	38.34	\$378.99
Intel Core i9-8950HK @ 2.90GHz	14500	127	24.87	\$583.00*
Intel Xeon Silver 4114 @ 2.20GHz	14484	128	19.44	\$744.99*
Intel Xeon E-2176G @ 3.70GHz	14409	129	39.81	\$362.00*
Intel Xeon E-2186M @ 2.90GHz	14388	130	23.09	\$623.00*
Intel Xeon E5-2687W @ 3.10GHz	14381	131	24.32	\$591.46
Intel Core i7-6850K @ 3.60GHz	14369	132	26.13	\$549.99
AMD Ryzen 5 2600X	14356	133	60.07	\$239.00
AMD Ryzen Threadripper 2990X	14324	134	NA	NA
Intel Xeon E5-1650 v4 @ 3.60GHz	14224	135	22.58	\$629.99*
Intel Xeon E5-4627 v3 @ 2.60GHz	14221	136	5.93	\$2,400.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	137	NA	NA
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	138	9.42	\$1,496.00*
Intel Xeon W-2133 @ 3.60GHz	14091	139	22.84	\$617.00*
Intel Xeon E-2176M @ 2.70GHz	14026	140	31.17	\$450.00*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	141	NA	NA
Intel Xeon E5-2640 v3 @ 2.60GHz	13978	142	11.14	\$1,254.25
Intel Xeon D-1587 @ 1.70GHz	13950	143	NA	NA
Intel Xeon E5-2630 v4 @ 2.20GHz	13884	144	21.04	\$659.99
Intel Xeon D-2143IT @ 2.20GHz	13816	145	24.41	\$566.00*
Intel Xeon E5-2643 v3 @ 3.40GHz	13801	146	18.71	\$737.82
Intel Core i7-4960X @ 3.60GHz	13789	147	17.91	\$769.99
AMD Ryzen 7 1700	13742	148	63.62	\$216.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2690 @ 2.90GHz	13722	149	86.30	\$159.00
Intel Xeon E5-1660 v2 @ 3.70GHz	13654	151	7.55	\$1,808.95*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	150	NA	NA
Intel Core i7-5930K @ 3.50GHz	13632	152	27.32	\$498.98
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	153	NA	NA
Intel Xeon E5-2643 v4 @ 3.40GHz	13618	154	8.31	\$1,638.35
Intel Xeon E5-1650 v3 @ 3.50GHz	13613	155	20.63	\$660.00
Intel Core i7-6800K @ 3.40GHz	13592	156	32.36	\$419.99
AMD Ryzen 5 2600	13518	157	84.50	\$159.99
Intel Core i5-9600K @ 3.70GHz	13517	158	50.07	\$269.99
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	159	13.38	\$1,010.00*
Intel Xeon E5-2660 v2 @ 2.20GHz	13479	160	63.28	\$213.01
Intel Xeon E5-2689 @ 2.60GHz	13427	161	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13268	162	9.73	\$1,364.00*
AMD Ryzen 5 1600X	13229	163	73.05	\$181.11
Intel Core i7-8850H @ 2.60GHz	13223	164	33.48	\$395.00*
Intel Xeon E5-2650 v2 @ 2.60GHz	13104	165	24.27	\$539.90
Intel Core i7-4930K @ 3.40GHz	13016	166	21.72	\$599.39
Intel Core i7-5820K @ 3.30GHz	12991	167	43.31	\$299.99
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	168	NA	NA
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	169	5.70	\$2,250.00*
Intel Xeon E5-2643 v2 @ 3.50GHz	12824	170	4.85	\$2,641.75*
Intel Xeon E5-2630 v3 @ 2.40GHz	12804	171	26.18	\$489.00
Intel Core i5-8600K @ 3.60GHz	12787	172	50.15	\$254.99

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	12720	173	83.03	\$153.20
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	174	NA	NA
Intel Core i7-3970X @ 3.50GHz	12671	175	13.92	\$909.99*
Intel Xeon E5-2680 @ 2.70GHz	12638	176	113.00	\$111.84
Intel Core i5-8600 @ 3.10GHz	12622	177	51.63	\$244.47*
Intel Core i7-3960X @ 3.30GHz	12611	178	15.76	\$799.99
Intel Core i7-8700T @ 2.40GHz	12499	179	29.83	\$419.00
Intel Core i7-8750H @ 2.20GHz	12479	180	31.59	\$395.00*
Intel Xeon W-2125 @ 4.00GHz	12389	181	25.21	\$491.53*
Intel Xeon E5-1660 @ 3.30GHz	12369	182	10.08	\$1,226.66*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	183	2.66	\$4,616.00*
AMD Ryzen 5 1600	12265	184	81.77	\$149.99
Intel Core i7-7740X @ 4.30GHz	12248	185	34.31	\$356.99
AMD Ryzen 5 PRO 1600	12213	186	NA	NA
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	187	NA	NA
Intel Xeon E5-2670 @ 2.60GHz	12137	188	124.75	\$97.30
Intel Xeon E5-4650 @ 2.70GHz	12117	189	126.89	\$95.49*
Intel Xeon E-2174G @ 3.80GHz	12108	190	36.92	\$328.00*
Intel Core i7-7700K @ 4.20GHz	12040	191	34.40	\$350.00
Intel Xeon Silver 4110 @ 2.10GHz	12025	192	22.70	\$529.86
Intel Core i7-3930K @ 3.20GHz	11988	193	30.05	\$398.98
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	194	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	195	26.57	\$450.00*
Intel Core i5-8500 @ 3.00GHz	11921	196	49.88	\$239.00
Intel Core i7-8559U @ 2.70GHz	11879	197	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4650L @ 2.60GHz	11821	198	1.36	\$8,684.50*
Intel Xeon E5-1650 @ 3.20GHz	11745	199	67.12	\$175.00
Intel Core i5-8400 @ 2.80GHz	11670	200	43.14	\$270.55
Intel Xeon E5-2665 @ 2.40GHz	11599	201	67.97	\$170.65
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	202	8.38	\$1,360.26*
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	203	24.53	\$463.61
Intel Xeon E5-2620 v4 @ 2.10GHz	11365	204	25.83	\$439.98
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	205	NA	NA
Intel Core i7-4790K @ 4.00GHz	11182	206	36.43	\$306.99
Intel Xeon E3-1270 v6 @ 3.80GHz	11135	207	33.38	\$333.61
Intel Xeon E3-1275 v6 @ 3.80GHz	11113	208	30.20	\$367.97
Intel Core i7-6700K @ 4.00GHz	11111	209	33.67	\$329.99
Intel Xeon Gold 5122 @ 3.60GHz	11104	210	8.61	\$1,288.99*
Intel Xeon E5-2660 @ 2.20GHz	11098	211	108.81	\$102.00
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	212	NA	NA
Intel Core i7-8809G @ 3.10GHz	11074	213	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11056	214	NA	NA
Intel Xeon E3-1285L v4 @ 3.40GHz	11048	215	NA	NA
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	216	NA	NA
Intel Core i7-5775C @ 3.30GHz	10997	217	24.44	\$449.99
Intel Core i7-5950HQ @ 2.90GHz	10932	218	NA	NA
Intel Core i5-8600T @ 2.30GHz	10913	219	29.18	\$373.99*
Intel Core i5-8259U @ 2.30GHz	10904	220	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5775R @ 3.30GHz	10863	221	NA	NA
Intel Xeon Silver 4109T @ 2.00GHz	10854	222	21.67	\$501.00*
Intel Xeon Silver 4108 @ 1.80GHz	10769	223	23.44	\$459.38
Intel Xeon E3-1575M v5 @ 3.00GHz	10755	224	NA	NA
Intel Core i7-7700 @ 3.60GHz	10751	225	34.86	\$308.42
AMD Opteron 6386 SE	10748	226	71.66	\$149.99
Intel Xeon W-2123 @ 3.60GHz	10745	227	29.55	\$363.65*
Intel Xeon E3-1585 v5 @ 3.50GHz	10743	228	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10689	229	24.02	\$445.00*
AMD EPYC 7251 8-Core	10679	230	21.01	\$508.29
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	231	15.46	\$690.01*
Intel Xeon E3-1285 v4 @ 3.50GHz	10641	232	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10582	233	NA	NA
Intel Xeon D-1540 @ 2.00GHz	10573	234	NA	NA
Intel Xeon E3-1245 v6 @ 3.70GHz	10535	235	33.99	\$309.99
Intel Xeon E5-4640 @ 2.40GHz	10523	236	3.85	\$2,730.00*
Intel Core i7-8706G @ 3.10GHz	10510	237	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	238	NA	NA
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	239	9.82	\$1,065.92
Intel Xeon E3-1545M v5 @ 2.90GHz	10451	240	NA	NA
Intel Xeon E5-2630 v2 @ 2.60GHz	10409	241	17.07	\$609.95
Intel Xeon E3-1240 v5 @ 3.50GHz	10400	242	30.44	\$341.67*
Intel Core i5-8400H @ 2.50GHz	10375	243	41.50	\$250.00*
Intel Xeon E5-2667 @ 2.90GHz	10367	244	45.87	\$226.00*
Intel Xeon E3-1285 v3 @ 3.60GHz	10359	245	NA	NA
Intel Xeon E3-1275 v5 @ 3.60GHz	10357	246	18.43	\$562.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1281 v3 @ 3.70GHz	10349	247	11.79	\$877.75*
Intel Xeon E3-1270 v5 @ 3.60GHz	10338	248	29.87	\$346.16
Intel Xeon E5-1630 v4 @ 3.70GHz	10302	249	NA	NA
Intel Xeon E5-1630 v3 @ 3.70GHz	10277	250	17.19	\$597.85*
Intel Core i7-4980HQ @ 2.80GHz	10253	251	NA	NA
AMD FX-9590 Eight-Core	10192	252	102.95	\$99.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10191	253	29.52	\$345.31*
Intel Xeon E5-2450 @ 2.10GHz	10186	254	14.10	\$722.22*
Intel Xeon E3-1276 v3 @ 3.60GHz	10170	255	7.99	\$1,273.00
Intel Xeon E3-1240 v6 @ 3.70GHz	10148	256	35.00	\$289.99
Intel Xeon E5-2650 @ 2.00GHz	10145	257	82.52	\$122.95
Intel Xeon E3-1286L v3 @ 3.20GHz	10129	258	13.09	\$774.00*
Intel Xeon E5-2637 v3 @ 3.50GHz	10128	259	7.82	\$1,295.95*
AMD Ryzen 5 PRO 1500	10123	260	NA	NA
Intel Core i7-4770K @ 3.50GHz	10093	261	35.42	\$284.99
Intel Xeon E3-1271 v3 @ 3.60GHz	10092	262	11.36	\$888.00*
Intel Xeon E3-1260L v5 @ 2.90GHz	10083	263	20.21	\$499.00
AMD Opteron 6380	10081	264	112.03	\$89.99
Intel Core i7-8705G @ 3.10GHz	10077	265	NA	NA
AMD Ryzen 5 1500X	10067	266	64.54	\$155.99
Intel Core i7-7920HQ @ 3.10GHz	10067	267	NA	NA
Intel Xeon E5-2470 @ 2.30GHz	10061	268	31.77	\$316.72*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7820HK @ 2.90GHz	10051	269	NA	NA
AMD Ryzen 5 PRO 2400G	10046	270	NA	NA
Intel Core i5-8500T @ 2.10GHz	10026	271	45.92	\$218.34*
Intel Xeon E5-2620 v3 @ 2.40GHz	10020	272	27.16	\$369.00
Intel Xeon E3-1241 v3 @ 3.50GHz	10013	273	12.92	\$775.00
Intel Core i7-6700 @ 3.40GHz	10006	274	26.71	\$374.71
Intel Core i7-4790 @ 3.60GHz	9990	275	35.81	\$278.99
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	276	12.35	\$808.02
Intel Xeon E5-1620 v4 @ 3.50GHz	9952	277	32.53	\$305.95
Intel Xeon E5-2640 v2 @ 2.00GHz	9904	278	102.81	\$96.34*
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	279	11.80	\$839.00*
Intel Xeon E3-1270 v3 @ 3.50GHz	9898	280	26.75	\$369.99*
Intel Core i7-4940MX @ 3.10GHz	9895	281	16.22	\$609.95*
Intel Xeon E3-1275 v3 @ 3.50GHz	9891	282	24.67	\$400.99*
Intel Core i7-4771 @ 3.50GHz	9872	283	32.91	\$299.99
Intel Xeon E3-1505M v6 @ 3.00GHz	9860	284	NA	NA
Intel Xeon E3-1246 v3 @ 3.50GHz	9852	285	11.87	\$830.00
Intel Core i7-4770R @ 3.20GHz	9819	286	NA	NA
Intel Core i7-5850EQ @ 2.70GHz	9817	287	22.57	\$435.00*
Intel Core i7-995X @ 3.60GHz	9791	288	NA	NA
AMD Opteron 6287 SE	9789	289	NA	NA
Intel Core i7-4770 @ 3.40GHz	9786	290	40.78	\$239.99
Intel Xeon E3-1230 v5 @ 3.40GHz	9778	291	23.98	\$407.87
Intel Core i7-4960HQ @ 2.60GHz	9777	292	15.69	\$623.00*
Intel Xeon E5-1620 v3 @ 3.50GHz	9755	293	27.20	\$358.70*
Intel Xeon E3-1280 v3 @ 3.60GHz	9747	294	13.98	\$697.36*
Intel Xeon D-1531 @ 2.20GHz	9730	295	27.96	\$348.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4820K @ 3.70GHz	9722	296	16.34	\$594.96
Intel Core i7-6770HQ @ 2.60GHz	9719	297	9.70	\$1,001.88*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	298	10.97	\$885.00*
Intel Xeon E3-1240 v3 @ 3.40GHz	9679	299	25.18	\$384.40*
Intel Xeon E3-1230 v6 @ 3.50GHz	9644	300	37.09	\$259.99
Intel Xeon E3-1231 v3 @ 3.40GHz	9627	301	37.25	\$258.44*
Intel Core i7-6920HQ @ 2.90GHz	9622	302	16.94	\$568.00*
Intel Core i5-7640X @ 4.00GHz	9605	303	37.35	\$257.18
Intel Xeon E3-1245 v3 @ 3.40GHz	9580	304	28.18	\$339.95*
Intel Core i5-8400T @ 1.70GHz	9577	305	48.13	\$199.00
Intel Core i7-4790S @ 3.20GHz	9573	306	24.00	\$398.99
AMD Ryzen 5 PRO 2400GE	9566	307	NA	NA
Intel Core i7-8709G @ 3.10GHz	9536	308	NA	NA
Intel Core i7-3770K @ 3.50GHz	9519	309	38.23	\$248.98
Intel Xeon E5-2640 @ 2.50GHz	9512	310	77.61	\$122.56
Intel Core i7-4930MX @ 3.00GHz	9485	311	8.65	\$1,096.00*
Intel Xeon E5-2658 @ 2.10GHz	9484	312	6.49	\$1,462.00*
Intel Xeon E5-2630L v3 @ 1.80GHz	9476	313	12.60	\$751.92*
Intel Xeon E3-1270 V2 @ 3.50GHz	9473	314	33.57	\$282.22
Intel Xeon E3-1280 V2 @ 3.60GHz	9470	315	11.02	\$859.00
AMD FX-9370 Eight-Core	9467	316	52.93	\$178.89

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5850HQ @ 2.70GHz	9459	317	21.80	\$434.00*
Intel Xeon E5-1620 v2 @ 3.70GHz	9454	318	28.74	\$329.00*
Intel Xeon E3-1275 V2 @ 3.50GHz	9445	319	23.93	\$394.72
Intel Core i5-8300H @ 2.30GHz	9433	320	37.73	\$250.00*
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	321	18.48	\$509.95*
AMD Opteron 6376	9414	322	144.84	\$65.00
Intel Xeon E5-2637 v2 @ 3.50GHz	9406	323	15.47	\$608.00
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	324	NA	NA
Intel Core i7-4910MQ @ 2.90GHz	9400	325	20.44	\$459.95*
Intel Core i7-4870HQ @ 2.50GHz	9360	326	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9349	327	24.73	\$378.00*
Intel Core i7-4770S @ 3.10GHz	9333	328	37.33	\$249.99
Intel Xeon E3-1230 v3 @ 3.30GHz	9324	329	35.64	\$261.66*
Intel Xeon E3-1535M v5 @ 2.90GHz	9312	330	NA	NA
Intel Core i7-3940XM @ 3.00GHz	9309	331	17.27	\$539.00*
Intel Core i7-3770 @ 3.40GHz	9290	332	58.07	\$159.99
AMD Ryzen 5 2400G	9287	333	58.05	\$159.99
Intel Xeon E5-2630L v2 @ 2.40GHz	9283	334	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9256	335	NA	NA
Intel Core i3-8350K @ 4.00GHz	9245	336	47.19	\$195.90
Intel Xeon E5-2440 @ 2.40GHz	9178	337	187.82	\$48.87
Intel Core i7-7700T @ 2.90GHz	9175	338	23.22	\$395.08*
Intel Core i7-8565U @ 1.80GHz	9174	339	NA	NA
Intel Xeon W3690 @ 3.47GHz	9164	340	9.16	\$1,000.00*
Intel Core i5-8305G @ 2.80GHz	9152	341	NA	NA
Intel Core i7-3920XM @ 2.90GHz	9149	342	8.35	\$1,096.00*
Intel Xeon E3-1240 V2 @ 3.40GHz	9133	343	16.92	\$539.95
Intel Core i5-7600K @ 3.80GHz	9128	344	32.72	\$278.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6820HK @ 2.70GHz	9119	345	NA	NA
Intel Xeon E3-1245 V2 @ 3.40GHz	9118	346	15.01	\$607.59
AMD Opteron 6282 SE	9116	347	70.13	\$129.99
Intel Core i7-4790T @ 2.70GHz	9094	348	25.33	\$359.00*
Intel Core i7-990X @ 3.47GHz	9086	349	25.96	\$349.99
Intel Xeon W3680 @ 3.33GHz	9081	350	11.95	\$759.95*
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	351	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9059	352	27.46	\$329.93*
Intel Core i7-6700T @ 2.80GHz	9035	353	25.45	\$355.00
AMD FX-8370 Eight-Core	9027	355	70.53	\$127.99
Intel Core i7-4900MQ @ 2.80GHz	9027	354	15.39	\$586.67*
AMD Ryzen 7 PRO 2700U	9025	356	NA	NA
Intel Core i7-4850HQ @ 2.30GHz	9016	357	20.78	\$434.00*
AMD Opteron 6276	9011	358	112.66	\$79.99
Intel Core i7-3820 @ 3.60GHz	9000	359	45.00	\$199.99
AMD Ryzen 5 PRO 2500U	8975	360	NA	NA
Intel Core i7-6820EQ @ 2.80GHz	8968	361	NA	NA
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	362	6.29	\$1,424.00*
AMD FX-8350 Eight-Core	8949	363	127.87	\$69.99
Intel Core i7-4770HQ @ 2.20GHz	8948	364	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5690 @ 3.47GHz	8939	365	56.22	\$159.00
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	366	22.07	\$404.99*
Intel Xeon E3-1505M v5 @ 2.80GHz	8914	367	NA	NA
Intel Core i7-3770S @ 3.10GHz	8879	368	80.73	\$109.99
Intel Xeon E3-1275L v3 @ 2.70GHz	8874	369	NA	NA
Intel Xeon E3-1230 V2 @ 3.30GHz	8855	370	25.15	\$352.10
Intel Core i7-8650U @ 1.90GHz	8854	371	NA	NA
Intel Xeon X5679 @ 3.20GHz	8845	372	NA	NA
Intel Core i7-7700HQ @ 2.80GHz	8839	374	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8839	373	69.12	\$127.89
Intel Xeon E5-2430 v2 @ 2.50GHz	8833	375	15.77	\$559.99
Intel Core i7-980X @ 3.33GHz	8788	376	39.95	\$219.98
Intel Core i7-3840QM @ 2.80GHz	8780	377	26.21	\$335.00*
Intel Core i7-6820HQ @ 2.70GHz	8780	378	NA	NA
Intel Core i5-7600 @ 3.50GHz	8773	379	37.11	\$236.45
Intel Xeon E3-1265L v3 @ 2.50GHz	8722	380	12.29	\$709.95
Intel Core i7-2700K @ 3.50GHz	8716	381	43.58	\$199.99
Intel Xeon E5-2620 v2 @ 2.10GHz	8702	382	37.84	\$230.00
Intel Xeon E3-1290 @ 3.60GHz	8699	383	9.83	\$885.00*
Intel Core i7-6700TE @ 2.40GHz	8696	384	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	385	23.06	\$377.00*
Intel Xeon E5-4617 @ 2.90GHz	8684	386	96.60	\$89.90*
Intel Xeon E5-2650L @ 1.80GHz	8676	387	54.26	\$159.90*
Intel Core i7-980 @ 3.33GHz	8668	388	43.35	\$199.98
Intel Core i3-8300 @ 3.70GHz	8663	389	46.51	\$186.27*
Intel Core i7-4810MQ @ 2.80GHz	8646	390	20.35	\$424.95*
Intel Xeon E5-2420 v2 @ 2.20GHz	8629	391	14.88	\$579.95*
Intel Core i7-4770T @ 2.50GHz	8624	392	21.56	\$399.99
Intel Xeon Silver 4112 @ 2.60GHz	8607	393	16.26	\$529.21*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4760HQ @ 2.10GHz	8595	394	NA	NA
Intel Xeon X5680 @ 3.33GHz	8562	395	50.07	\$171.01
Intel Core i7-4800MQ @ 2.70GHz	8491	396	16.65	\$509.95*
Intel Xeon E3-1280 @ 3.50GHz	8473	397	23.03	\$368.00
Intel Core i7-2600K @ 3.40GHz	8445	398	44.45	\$189.99
Intel Core i7-3820QM @ 2.70GHz	8442	399	17.34	\$486.99*
Intel Xeon E5-2643 @ 3.30GHz	8423	400	11.07	\$760.99
AMD Ryzen 5 1400	8380	401	62.08	\$134.99
Intel Core i7-970 @ 3.20GHz	8377	402	55.86	\$149.98
Intel Core i7-5700HQ @ 2.70GHz	8368	403	NA	NA
Intel Xeon E3-1275 @ 3.40GHz	8348	404	27.02	\$309.00
Intel Core i7-8550U @ 1.80GHz	8327	405	NA	NA
Intel Core i7-3740QM @ 2.70GHz	8326	406	34.70	\$239.95*
Intel Xeon X5675 @ 3.07GHz	8303	407	103.80	\$79.99
Intel Xeon E3-1225 v6 @ 3.30GHz	8294	408	35.30	\$234.99
Intel Xeon E5-2450L @ 1.80GHz	8261	409	63.55	\$130.00*
Intel Core i7-4750HQ @ 2.00GHz	8255	410	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	412	NA	NA
Intel Xeon E3-1270 @ 3.40GHz	8239	411	25.99	\$317.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8350U @ 1.70GHz	8232	413	27.72	\$297.00*
Intel Xeon E5-2623 v4 @ 2.60GHz	8208	414	14.95	\$549.00*
Intel Core i7-3770T @ 2.50GHz	8203	415	24.86	\$329.99*
Intel Core i5-5675C @ 3.10GHz	8199	416	20.50	\$399.99
Intel Core i7-2600 @ 3.40GHz	8194	417	55.00	\$148.99
Intel Core i7-5675C @ 3.10GHz	8164	418	NA	NA
Intel Xeon W3670 @ 3.20GHz	8152	419	14.43	\$565.00*
Intel Xeon D-2123IT @ 2.20GHz	8140	420	38.22	\$213.00*
Intel Core i7-6700HQ @ 2.60GHz	8134	421	21.52	\$378.00*
Intel Xeon E5-4620 @ 2.20GHz	8127	422	43.00	\$189.00
Intel Core i7-3720QM @ 2.60GHz	8123	423	22.63	\$359.00
AMD Ryzen 3 PRO 2200G	8106	424	NA	NA
Intel Core i5-7600T @ 2.80GHz	8097	425	31.00	\$261.25
Intel Core i3-8100 @ 3.60GHz	8080	426	70.27	\$114.99
Intel Core i5-6600K @ 3.50GHz	8055	427	27.97	\$287.99
Intel Xeon D-1559 @ 1.50GHz	8055	428	NA	NA
Intel Core i5-5675R @ 3.10GHz	8054	429	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	430	NA	NA
Intel Core i5-7500 @ 3.40GHz	8023	431	35.89	\$223.56
Intel Xeon E3-1245 @ 3.30GHz	8019	432	30.84	\$260.00
AMD FX-8320 Eight-Core	8018	433	93.24	\$86.00
Intel Xeon E5-2630L @ 2.00GHz	8001	434	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8000	435	NA	NA
AMD Ryzen 3 PRO 1300	7999	436	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7998	437	29.45	\$271.57*
Intel Xeon E3-1220 v6 @ 3.00GHz	7976	438	37.10	\$214.99
AMD Ryzen 3 PRO 2200GE	7975	439	NA	NA
Intel Core i5-8265U @ 1.60GHz	7960	440	26.80	\$297.00*
Intel Xeon E3-1240 @ 3.30GHz	7958	441	30.03	\$265.00
Intel Xeon D-1528 @ 1.90GHz	7946	442	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5670 @ 2.93GHz	7931	443	120.19	\$65.99
Intel Xeon E5-2620 @ 2.00GHz	7923	444	184.35	\$42.98
Intel Core i7-4860EQ @ 1.80GHz	7875	445	NA	NA
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	446	17.82	\$441.00*
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	447	NA	NA
Intel Xeon E3-1230 @ 3.20GHz	7848	448	41.52	\$189.00
Intel Xeon E3-1225 v5 @ 3.30GHz	7833	449	29.23	\$268.04
Intel Xeon E-2104G @ 3.20GHz	7825	450	40.54	\$193.00*
AMD Opteron 6328	7813	451	21.76	\$359.00
AMD FX-8370E Eight-Core	7802	452	30.12	\$259.00
Intel Core i5-4690K @ 3.50GHz	7796	453	38.98	\$199.99
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	454	28.03	\$278.00*
Intel Xeon E3-1265L V2 @ 2.50GHz	7785	455	54.67	\$142.42*
Intel Xeon W-2104 @ 3.20GHz	7782	456	30.52	\$255.00*
Intel Core i5-6600 @ 3.30GHz	7762	457	35.28	\$219.99
AMD FX-8310 Eight-Core	7758	458	NA	NA
Intel Xeon E3-1220 v5 @ 3.00GHz	7740	459	29.47	\$262.64
Intel Core i7-4710HQ @ 2.50GHz	7733	460	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1537 @ 1.70GHz	7731	461	13.54	\$571.00*
Intel Core i7-4700HQ @ 2.40GHz	7728	462	20.18	\$383.00*
AMD FX-8300 Eight-Core	7717	463	93.83	\$82.25
Intel Core i5-7440HQ @ 2.80GHz	7701	464	NA	NA
Intel Core i7-4700MQ @ 2.40GHz	7689	465	40.69	\$189.00*
Intel Xeon E3-1235 @ 3.20GHz	7680	466	31.48	\$244.00*
Intel Core i5-8250U @ 1.60GHz	7668	467	NA	NA
AMD Ryzen Embedded V1605B	7667	468	NA	NA
Intel Core i5-4690 @ 3.50GHz	7660	469	42.56	\$179.99
Intel Core i3-8300T @ 3.20GHz	7650	470	33.71	\$226.99*
Intel Core i5-4670K @ 3.40GHz	7632	471	31.80	\$240.00
AMD FX-8150 Eight-Core	7628	472	19.89	\$383.50*
Intel Xeon X5660 @ 2.80GHz	7618	473	76.55	\$99.53
Intel Core i7-4785T @ 2.20GHz	7609	474	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7585	475	31.74	\$239.00*
AMD Ryzen 5 2400GE	7574	476	NA	NA
AMD FX-8320E Eight-Core	7544	477	78.06	\$96.65
Intel Xeon E3-1226 v3 @ 3.30GHz	7530	478	11.80	\$638.00
Intel Xeon E3-1240L v3 @ 2.00GHz	7510	479	NA	NA
Intel Core i7-4712HQ @ 2.30GHz	7506	480	NA	NA
AMD Opteron 6366 HE	7503	481	37.52	\$199.99
Intel Core i7-4702HQ @ 2.20GHz	7486	482	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7469	483	18.67	\$399.99*
AMD Ryzen 3 1300X	7462	484	54.16	\$137.79
Intel Core i3-8100T @ 3.10GHz	7461	485	53.68	\$139.00
Intel Core i5-4670 @ 3.40GHz	7443	486	43.53	\$171.00
Intel Core i5-5575R @ 2.80GHz	7434	487	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	488	NA	NA
AMD Ryzen 3 2200G	7423	489	78.15	\$95.00
AMD Ryzen 7 2700U	7421	491	NA	NA
Intel Core i5-4690S @ 3.20GHz	7421	490	27.49	\$269.94*
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	492	26.88	\$276.00*
Intel Xeon X5650 @ 2.67GHz	7414	493	247.23	\$29.99
Intel Core i5-4670K CPT @ 3.40GHz	7411	494	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7379	495	NA	NA
Intel Core i5-7400 @ 3.00GHz	7350	496	37.05	\$198.40
AMD Ryzen 5 2500U	7344	497	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	498	NA	NA
AMD Opteron 6238	7316	499	121.96	\$59.99
Intel Core i7-4765T @ 2.00GHz	7312	501	18.28	\$399.99
Intel Xeon E5-1410 @ 2.80GHz	7312	500	NA	NA
Intel Core i5-6600T @ 2.70GHz	7310	502	41.78	\$174.99
Intel Core i5-4590 @ 3.30GHz	7303	503	66.04	\$110.59
Intel Xeon E5-2430L @ 2.00GHz	7269	504	69.90	\$103.99*
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	505	NA	NA
Intel Core i5-6500 @ 3.20GHz	7241	506	30.89	\$234.38
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	507	25.12	\$287.90*
Intel Core i7-2960XM @ 2.70GHz	7224	508	17.62	\$409.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1225 v3 @ 3.20GHz	7208	509	15.73	\$458.34*
Intel Core i7-4712MQ @ 2.30GHz	7198	510	NA	NA
AMD Ryzen 3 PRO 2300U	7188	511	NA	NA
AMD Ryzen Embedded V1807B	7185	512	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	513	NA	NA
Intel Core i5-3570K @ 3.40GHz	7170	514	50.15	\$142.99
Intel Core i7-4702MQ @ 2.20GHz	7138	515	21.23	\$336.25*
AMD Ryzen 3 2200GE	7124	516	NA	NA
Intel Core i5-4570 @ 3.20GHz	7123	517	54.80	\$129.99
Intel Core i5-3570 @ 3.40GHz	7107	518	50.77	\$139.99
Intel Xeon E3-1220 v3 @ 3.10GHz	7098	519	29.47	\$240.88
Intel Core i5-6402P @ 2.80GHz	7096	520	37.35	\$189.99*
Intel Xeon X5687 @ 3.60GHz	7086	521	121.16	\$58.49
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	522	NA	NA
Intel Core i7-2600S @ 2.80GHz	7073	523	35.54	\$198.99
AMD Ryzen 3 PRO 1200	7069	524	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	525	18.06	\$390.02
Intel Core i7-2920XM @ 2.50GHz	7038	526	11.56	\$608.95*
Intel Core i5-7500T @ 2.70GHz	7037	527	31.60	\$222.71
Intel Core i5-4590S @ 3.00GHz	7022	528	35.83	\$195.99
Intel Xeon W-2102 @ 2.90GHz	7001	529	20.72	\$337.99*
Intel Xeon X5677 @ 3.47GHz	7000	530	66.67	\$105.00*
AMD FX-6350 Six-Core	6997	531	53.83	\$129.99
Intel Core i7-2860QM @ 2.50GHz	6990	532	11.65	\$599.99*
Intel Xeon D-1521 @ 2.40GHz	6980	533	NA	NA
Intel Core i7-3632QM @ 2.20GHz	6942	534	20.72	\$335.00*
Intel Core i5-3550 @ 3.30GHz	6941	535	21.04	\$329.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	6939	536	NA	NA
Intel Xeon E5649 @ 2.53GHz	6936	537	60.31	\$115.00*
Intel Xeon E5-2609 v4 @ 1.70GHz	6917	538	19.23	\$359.73*
AMD FX-6330 Six-Core	6916	539	NA	NA
Intel Core i5-3550S @ 3.00GHz	6902	540	20.24	\$341.01*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2430 @ 2.20GHz	6878	541	9.44	\$728.95
Intel Xeon E3-1225 V2 @ 3.20GHz	6851	542	22.99	\$298.00
Intel Xeon L5639 @ 2.13GHz	6835	543	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6829	544	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6804	545	NA	NA
Intel Core i5-4570S @ 2.90GHz	6787	546	31.72	\$213.99
AMD Opteron 6220	6785	547	113.11	\$59.99
Intel Core i5-6440HQ @ 2.60GHz	6784	548	NA	NA
Intel Core i7-2840QM @ 2.40GHz	6766	549	NA	NA
Intel Core i5-6400 @ 2.70GHz	6764	550	33.83	\$199.99
Intel Core i5-4570R @ 2.70GHz	6760	551	NA	NA
AMD Ryzen 3 1200	6756	552	56.79	\$118.98
Intel Core i5-3570S @ 3.10GHz	6754	553	23.70	\$285.00*
AMD Opteron 6272	6748	554	10.24	\$658.89
Intel Core i7-4770TE @ 2.30GHz	6732	555	NA	NA
Intel Core i5-4460 @ 3.20GHz	6708	556	39.47	\$169.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3470 @ 3.20GHz	6697	557	63.82	\$104.95
Intel Core i7-3635QM @ 2.40GHz	6676	558	NA	NA
Intel Xeon E3-1220 V2 @ 3.10GHz	6673	559	20.28	\$329.11
Intel Core i5-2550K @ 3.40GHz	6666	560	51.69	\$128.99
AMD Opteron 4284	6660	561	111.03	\$59.99
Intel Core i7-985 @ 3.47GHz	6641	562	NA	NA
Intel Core i7-2820QM @ 2.30GHz	6633	563	18.64	\$355.95
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	564	NA	NA
Intel Core i3-7350K @ 4.20GHz	6623	565	34.47	\$192.12
Intel Core i7-3612QE @ 2.10GHz	6622	566	NA	NA
Intel Core i5-3475S @ 2.90GHz	6612	567	46.08	\$143.50*
AMD FX-8120 Eight-Core	6598	568	65.99	\$99.99
Intel Core i7-2760QM @ 2.40GHz	6578	569	41.16	\$159.81*
Intel Core i3-7320 @ 4.10GHz	6541	570	34.06	\$192.05
Intel Xeon E3-1260L @ 2.40GHz	6534	571	76.32	\$85.62*
Intel Core i5-3450 @ 3.10GHz	6522	572	51.36	\$126.99
Intel Core i7-7567U @ 3.50GHz	6502	573	NA	NA
Intel Core i5-4440 @ 3.10GHz	6497	574	38.22	\$169.99
Intel Xeon E5645 @ 2.40GHz	6484	575	60.05	\$107.98
Intel Core i5-4690T @ 2.50GHz	6478	577	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6478	576	30.85	\$209.99
Intel Core i5-2500K @ 3.30GHz	6476	578	52.24	\$123.99
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	579	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	580	NA	NA
Intel Core i3-7300 @ 4.00GHz	6436	581	35.40	\$181.82
Intel Core i5-4670S @ 3.10GHz	6436	582	NA	NA
Intel Xeon W3580 @ 3.33GHz	6433	583	29.99	\$214.50*
AMD Opteron 4280	6430	584	128.63	\$49.99
Intel Core i5-7400T @ 2.40GHz	6427	585	19.13	\$335.99
Intel Core i7-6822EQ @ 2.00GHz	6427	586	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6420	587	NA	NA
Intel Xeon X5672 @ 3.20GHz	6419	588	22.63	\$283.72*
Intel Xeon L5640 @ 2.27GHz	6405	589	133.41	\$48.01*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4460S @ 2.90GHz	6402	590	9.70	\$659.99*
AMD FX-6300 Six-Core	6385	591	116.12	\$54.99
AMD Opteron 3380	6384	592	7.89	\$809.00*
Intel Core i5-3470S @ 2.90GHz	6359	593	44.79	\$142.00
Intel Core i5-2500 @ 3.30GHz	6328	594	71.11	\$88.99
Intel Core i5-4430 @ 3.00GHz	6318	595	36.38	\$173.70
Intel Core i5-6500T @ 2.50GHz	6270	596	NA	NA
AMD FX-6130 Six-Core	6215	597	NA	NA
Intel Core i5-4440S @ 2.80GHz	6212	598	13.42	\$462.97*
Intel Core i5-3450S @ 2.80GHz	6210	599	62.11	\$99.99
Intel Core i5-4670T @ 2.30GHz	6206	600	29.14	\$213.00*
AMD PRO A12-9800	6199	601	36.68	\$169.00*
Intel Xeon E5-1607 v2 @ 3.00GHz	6199	602	19.81	\$313.00*
Intel Xeon W5590 @ 3.33GHz	6183	603	2.46	\$2,508.95*
Intel Core i3-8109U @ 3.00GHz	6181	604	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6174	6171	605	62.34	\$99.00
Intel Xeon E5-1603 v3 @ 2.80GHz	6165	606	NA	NA
Intel Core i5-3350P @ 3.10GHz	6145	607	40.97	\$149.99
Intel Core i5-2450P @ 3.20GHz	6144	608	68.28	\$89.99
Intel Core i7-975 @ 3.33GHz	6132	609	12.31	\$498.02
AMD FX-6200 Six-Core	6130	610	18.03	\$339.95
Intel Core i7-2720QM @ 2.20GHz	6117	611	32.21	\$189.95
AMD Opteron 4334	6099	612	28.18	\$216.42*
Intel Core i5-3340 @ 3.10GHz	6086	613	23.23	\$262.01
Intel Xeon E3-1220 @ 3.10GHz	6084	614	16.49	\$369.00
Intel Xeon W3570 @ 3.20GHz	6084	615	12.68	\$479.95*
Intel Core i5-6300HQ @ 2.30GHz	6079	616	NA	NA
AMD PRO A12-8870	6067	617	NA	NA
Intel Core i3-6320 @ 3.90GHz	6047	618	37.80	\$159.99
Intel Xeon E3-1265L @ 2.40GHz	6038	619	6.58	\$918.35*
AMD FX-8140 Eight-Core	6033	620	NA	NA
Intel Core i7-7660U @ 2.50GHz	6033	621	NA	NA
AMD FX-8100 Eight-Core	6018	622	42.39	\$142.00*
Intel Xeon X5647 @ 2.93GHz	5980	623	29.94	\$199.75*
AMD Opteron 6234	5979	624	85.44	\$69.99*
AMD Opteron 3365	5963	625	NA	NA
Intel Core i5-7360U @ 2.30GHz	5957	626	NA	NA
Intel Core i5-2400 @ 3.10GHz	5956	627	79.43	\$74.99
Intel Xeon W3565 @ 3.20GHz	5943	628	84.97	\$69.95*
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	629	9.60	\$619.04
Intel Core i5-3330 @ 3.00GHz	5935	630	19.15	\$309.99
Intel Xeon E3-1225 @ 3.10GHz	5909	631	33.77	\$175.00*
Intel Core i5-4430S @ 2.70GHz	5906	632	37.15	\$158.99
Intel Core i5-3570T @ 2.30GHz	5901	633	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5887	634	22.73	\$259.00*
Intel Xeon E5-1607 @ 3.00GHz	5874	635	267.16	\$21.99*
Intel Core i7-965 @ 3.20GHz	5856	636	41.83	\$139.99
Intel Core i7-7560U @ 2.40GHz	5855	637	NA	NA
AMD PRO A10-8850B	5852	638	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-6300 @ 3.80GHz	5851	639	40.92	\$142.99
Intel Core i5-3340S @ 2.80GHz	5846	640	39.24	\$148.99
Intel Xeon W5580 @ 3.20GHz	5836	641	54.53	\$107.03*
Intel Core i7-960 @ 3.20GHz	5816	642	58.17	\$99.99
Intel Core i5-3335S @ 2.70GHz	5788	643	NA	NA
Intel Core i3-7100 @ 3.90GHz	5782	644	40.22	\$143.75
Intel Core i5-6440EQ @ 2.70GHz	5778	645	NA	NA
AMD Opteron 6212	5776	646	192.62	\$29.99
Intel Core i7-2710QE @ 2.10GHz	5768	647	NA	NA
Intel Core i5-2320 @ 3.00GHz	5756	648	22.15	\$259.95
Intel Xeon D-1520 @ 2.20GHz	5755	649	NA	NA
AMD A10-7890K	5735	650	28.68	\$199.99
AMD FX-6120 Six-Core	5734	651	NA	NA
AMD Phenom II X6 1100T	5731	652	32.29	\$177.49

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8145U @ 2.10GHz	5721	653	20.36	\$281.00*
AMD PRO A10-8770	5707	654	NA	NA
Intel Pentium Gold G5600 @ 3.90GHz	5707	655	49.86	\$114.48
AMD Ryzen 3 2300U	5704	656	NA	NA
Intel Xeon W3550 @ 3.07GHz	5696	657	95.02	\$59.95*
Intel Core i5-2380P @ 3.10GHz	5695	658	63.29	\$89.99
Intel Xeon X5570 @ 2.93GHz	5679	659	63.81	\$89.00*
AMD PRO A10-9700	5677	660	33.59	\$169.00*
Intel Core i5-7260U @ 2.20GHz	5674	661	NA	NA
Intel Core i5-3330S @ 2.70GHz	5670	662	59.69	\$94.99
Intel Xeon X3480 @ 3.07GHz	5657	663	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	664	NA	NA
Intel Core i7-6567U @ 3.30GHz	5648	665	NA	NA
AMD PRO A10-8750B	5646	666	NA	NA
AMD Opteron 4332 HE	5614	667	NA	NA
Intel Core i5-4590T @ 2.00GHz	5602	668	NA	NA
Intel Core i3-4370 @ 3.80GHz	5600	669	12.45	\$449.97
AMD A10-8850	5598	671	NA	NA
Intel Core i5-6400T @ 2.20GHz	5598	670	28.42	\$197.00
Intel Core i7-880 @ 3.07GHz	5595	672	9.60	\$583.00*
AMD Phenom II X6 1090T	5586	673	14.10	\$396.08*
AMD Athlon X4 880K	5560	674	55.61	\$99.99
Intel Core i7-950 @ 3.07GHz	5556	676	16.84	\$329.99*
Intel Xeon L5638 @ 2.00GHz	5556	675	79.49	\$69.90*
Intel Xeon E5-1603 @ 2.80GHz	5546	677	33.62	\$164.99*
Intel Core i7-2675QM @ 2.20GHz	5543	678	NA	NA
Intel Core i5-2310 @ 2.90GHz	5534	679	69.20	\$79.98
Intel Core i7-2630QM @ 2.00GHz	5531	680	51.11	\$108.24*
AMD A12-9800	5522	681	42.48	\$129.99
Intel Core i3-6100 @ 3.70GHz	5490	682	31.20	\$175.99
AMD A10-7850K APU	5477	683	42.14	\$129.99
AMD A10-7870K	5475	684	21.90	\$249.99
Intel Xeon W3540 @ 2.93GHz	5472	685	274.73	\$19.92*
AMD A8-8650	5470	686	NA	NA
Intel Core i3-4360 @ 3.70GHz	5460	687	19.51	\$279.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2635QM @ 2.00GHz	5456	688	NA	NA
Intel Xeon E5-2603 v4 @ 1.70GHz	5451	689	23.70	\$229.99*
AMD Opteron 6176 SE	5446	690	34.26	\$159.00
Intel Xeon Bronze 3104 @ 1.70GHz	5446	691	23.05	\$236.34
AMD A10-9700	5440	692	68.01	\$79.99
AMD Athlon X4 860K	5434	693	92.12	\$58.99
Intel Core i7-875K @ 2.93GHz	5429	694	27.15	\$199.99
AMD PRO A8-8650B	5426	695	NA	NA
AMD Athlon X4 845	5423	696	108.48	\$49.99
AMD Opteron 4386	5419	697	38.71	\$139.99
Intel Core i3-6098P @ 3.60GHz	5415	698	40.49	\$133.74*
Intel Xeon X5550 @ 2.67GHz	5404	699	312.95	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5399	700	93.17	\$57.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10 PRO-7850B APU	5382	701	NA	NA
AMD FX-6100 Six-Core	5379	702	17.70	\$304.00
Intel Core i3-7300T @ 3.50GHz	5369	703	27.48	\$195.41*
Intel Core i7-2715QE @ 2.10GHz	5365	704	NA	NA
Intel Xeon W3530 @ 2.80GHz	5359	705	18.23	\$293.95*
Intel Core i7-940 @ 2.93GHz	5355	706	75.75	\$70.70
AMD Opteron 6164 HE	5351	707	NA	NA
Intel Core i5-2300 @ 2.80GHz	5345	708	66.83	\$79.99
AMD Phenom II X6 1075T	5343	709	47.29	\$112.99
Intel Core i7-870 @ 2.93GHz	5341	710	53.96	\$98.99
AMD FX-4350 Quad-Core	5334	711	41.04	\$129.99
Intel Xeon D-1518 @ 2.20GHz	5322	712	NA	NA
AMD FX-4330	5321	713	NA	NA
Intel Core i5-2500S @ 2.70GHz	5313	714	70.86	\$74.99*
AMD Athlon X4 950	5305	715	88.44	\$59.99
AMD Athlon X4 870K	5301	716	66.28	\$79.99
AMD PRO A8-9600	5296	717	44.51	\$119.00*
AMD Athlon PRO 200GE	5286	718	NA	NA
AMD Opteron 3280	5286	719	19.35	\$273.18*
Intel Xeon E5640 @ 2.67GHz	5263	720	88.47	\$59.49*
Intel Core i3-6300T @ 3.30GHz	5249	721	29.16	\$179.99
Intel Pentium Gold G5500 @ 3.80GHz	5247	722	48.22	\$108.83
Intel Core i3-4340 @ 3.60GHz	5240	723	31.01	\$168.99
Intel Core i7-7600U @ 2.80GHz	5232	724	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5224	725	39.66	\$131.73
Intel Pentium G4620 @ 3.70GHz	5205	726	47.00	\$110.75
Intel Xeon E5-2418L @ 2.00GHz	5202	727	NA	NA
Intel Core i3-4170 @ 3.70GHz	5188	728	34.59	\$149.99
AMD PRO A12-8870E	5186	729	NA	NA
Intel Core i5-7300U @ 2.60GHz	5182	730	11.27	\$459.99
Intel Xeon E5-2603 v3 @ 1.60GHz	5172	731	14.48	\$357.33
Intel Core i7-7500U @ 2.70GHz	5170	732	NA	NA
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	733	10.10	\$509.95*
Intel Core i7-930 @ 2.80GHz	5143	734	85.74	\$59.99*
AMD A10-7700K APU	5130	735	49.62	\$103.39
Intel Xeon X3470 @ 2.93GHz	5123	736	10.05	\$509.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3460 @ 2.80GHz	5117	737	14.33	\$357.00*
AMD A10 PRO-7800B APU	5108	738	NA	NA
AMD FX-870K Quad Core	5105	739	NA	NA
AMD A12-9800E	5104	740	44.59	\$114.49
Intel Core i5-7267U @ 3.10GHz	5098	741	NA	NA
Intel Core i3-4330 @ 3.50GHz	5096	742	28.31	\$179.99
Intel Pentium G4600 @ 3.60GHz	5093	743	62.88	\$80.99
AMD A8-7600 APU	5090	744	39.16	\$129.99
Intel Xeon E5630 @ 2.53GHz	5088	745	108.19	\$47.03*
AMD A10-7860K	5086	746	12.78	\$398.00
AMD A8-7670K	5083	747	25.42	\$199.99
AMD A10-8750	5082	748	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded R-Series RX-418GD Radeon R6	5068	749	NA	NA
Intel Core i5-2405S @ 2.50GHz	5065	750	30.81	\$164.40*
AMD Phenom II X6 1065T	5064	751	NA	NA
Intel Xeon W3520 @ 2.67GHz	5059	752	175.98	\$28.75*
Intel Core i3-4160 @ 3.60GHz	5056	753	36.12	\$139.99
AMD Ryzen Embedded V1202B	5051	754	NA	NA
Intel Pentium Gold G5400T @ 3.10GHz	5048	755	78.89	\$64.00*
AMD PRO A10-8770E	5045	756	NA	NA
Intel Core i3-7100T @ 3.40GHz	5044	757	56.68	\$89.00*
AMD Phenom II X6 1405T	5042	758	NA	NA
AMD Athlon X4 840	5037	759	63.98	\$78.74*
AMD Opteron 4365 EE	5025	760	NA	NA
Intel Core i3-7101TE @ 3.40GHz	5016	761	42.88	\$117.00*
AMD PRO A8-8670E	5015	762	NA	NA
Intel Xeon E5-4603 @ 2.00GHz	5014	763	2.65	\$1,890.99*
AMD A8-9600	5013	764	77.15	\$64.99
Intel Core i7-860 @ 2.80GHz	5008	765	17.28	\$289.95
AMD FX-4320	5004	766	NA	NA
Intel Core i3-8130U @ 2.20GHz	4995	767	17.78	\$281.00*
AMD A10-7800 APU	4992	768	48.29	\$103.39
AMD A10-6800B APU	4991	769	NA	NA
Intel Core i5-6267U @ 2.90GHz	4989	770	NA	NA
Intel Core i7-4610M @ 3.00GHz	4981	771	NA	NA
Intel Core i7-870S @ 2.67GHz	4969	772	NA	NA
AMD Phenom II X6 1055T	4964	773	26.84	\$185.00*
Intel Core i3-4350 @ 3.60GHz	4963	774	29.37	\$168.99
AMD Athlon 200GE	4959	776	NA	NA
Intel Core i5-2400S @ 2.50GHz	4959	775	75.49	\$65.70
Intel Core i7-6650U @ 2.20GHz	4953	777	NA	NA
Intel Core i7-5557U @ 3.10GHz	4943	778	7.01	\$705.00*
Intel Core i5-4460T @ 1.90GHz	4942	779	NA	NA
Intel Core i3-4570T @ 2.90GHz	4934	780	NA	NA
AMD A8-7650K	4932	781	66.67	\$73.99
Intel Core i5-24050S @ 2.50GHz	4928	782	NA	NA
Intel Core i7-920 @ 2.67GHz	4926	783	28.31	\$174.00
AMD PRO A10-9700E	4922	784	35.42	\$139.00*
AMD Opteron X3421 APU	4894	785	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4150 @ 3.50GHz	4894	786	30.40	\$160.98
Intel Core i5-6360U @ 2.00GHz	4880	787	NA	NA
Intel Core i7-4600M @ 2.90GHz	4875	788	NA	NA
Intel Pentium G4560 @ 3.50GHz	4873	789	48.74	\$99.99
AMD Opteron 6274	4865	790	20.36	\$239.00
AMD A10-6800K APU	4862	791	16.95	\$286.85*
Intel Xeon E5620 @ 2.40GHz	4858	792	224.63	\$21.63
AMD FX-4170 Quad-Core	4857	793	48.58	\$99.99
Intel Core i3-6100T @ 3.20GHz	4856	794	25.56	\$189.99
Intel Core i3-4370T @ 3.30GHz	4855	795	35.18	\$138.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C3858 @ 2.00GHz	4852	796	14.62	\$332.00*
Intel Xeon X5492 @ 3.40GHz	4844	797	3.48	\$1,391.29*
Intel Core i5-4570T @ 2.90GHz	4827	798	32.40	\$148.99
Intel Core i7-6560U @ 2.20GHz	4820	799	NA	NA
AMD Phenom II X6 1045T	4817	800	27.53	\$175.00*
Intel Xeon X3450 @ 2.67GHz	4816	801	60.24	\$79.95*
Intel Core i5-4340M @ 2.90GHz	4810	802	NA	NA
Intel Core i7-6600U @ 2.60GHz	4804	803	NA	NA
AMD A8 PRO-7600B APU	4797	804	NA	NA
Intel Core i3-4130 @ 3.40GHz	4795	805	34.26	\$139.99
AMD PRO A12-9800E	4793	806	28.36	\$169.00*
AMD FX-770K Quad-Core	4777	807	NA	NA
Intel Core i3-7100H @ 3.00GHz	4768	808	21.19	\$225.00*
Intel Core i7-4578U @ 3.00GHz	4758	810	NA	NA
Intel Xeon E5540 @ 2.53GHz	4758	809	135.97	\$35.00
Intel Core i5-6287U @ 3.10GHz	4751	811	15.63	\$304.00*
AMD FX-9830P	4746	812	NA	NA
AMD A10-9700E	4741	813	67.74	\$69.99
Intel Xeon X5667 @ 3.07GHz	4722	814	67.47	\$70.00*
Intel Core i7-860S @ 2.53GHz	4711	815	23.67	\$198.99
AMD Opteron 2435	4708	816	24.91	\$189.00
AMD A10-6790K APU	4704	817	49.53	\$94.99
AMD Athlon X4 830	4701	818	NA	NA
AMD FX-4300 Quad-Core	4683	819	89.22	\$52.49
Intel Core i5-5287U @ 2.90GHz	4681	820	NA	NA
AMD A10-5800B APU	4669	821	NA	NA
Intel Xeon X3380 @ 3.16GHz	4665	822	9.15	\$509.95*
AMD Phenom II X6 1035T	4664	823	24.68	\$189.00*
Intel Core i7-3540M @ 3.00GHz	4661	824	10.84	\$429.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	825	2.57	\$1,805.95*
AMD A10-5800K APU	4638	826	15.40	\$301.11
Intel Core i3-4360T @ 3.20GHz	4636	827	NA	NA
AMD Embedded R-Series RX-421BD	4635	828	NA	NA
AMD Opteron 6136	4631	829	12.90	\$359.00*
AMD Ryzen 3 2200U	4629	830	NA	NA
Intel Core i5-4310M @ 2.70GHz	4629	831	NA	NA
AMD FX-7600P APU	4627	832	NA	NA
Intel Core i5-7200U @ 2.50GHz	4618	833	NA	NA
Intel Xeon E5-2609 @ 2.40GHz	4616	834	59.18	\$78.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-B4150 Quad-Core	4611	836	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4611	835	2.87	\$1,608.95*
Intel Core i5-2500T @ 2.30GHz	4608	837	NA	NA
Intel Xeon E5530 @ 2.40GHz	4605	838	158.83	\$29.00*
AMD A8-6500B APU	4603	839	NA	NA
Intel Xeon X5470 @ 3.33GHz	4600	840	24.34	\$189.00
Intel Core2 Extreme X9750 @ 3.16GHz	4597	841	NA	NA
AMD A10-6700 APU	4596	842	39.29	\$116.99
AMD Athlon X4 760K Quad Core	4594	843	99.91	\$45.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-4150 Quad-Core	4594	844	NA	NA
AMD A8-6600K APU	4583	845	47.25	\$96.99
Intel Pentium Gold G5500T @ 3.20GHz	4577	846	61.03	\$75.00*
Intel Xeon E5-2407 v2 @ 2.40GHz	4575	847	9.61	\$476.31*
Intel Xeon X5482 @ 3.20GHz	4571	848	45.72	\$99.99*
Intel Core 860 @ 2.80GHz	4555	849	14.74	\$309.00*
AMD Athlon X4 750 Quad Core	4551	850	NA	NA
AMD FX-670K Quad-Core	4550	851	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	852	17.10	\$266.00*
Intel Xeon X3440 @ 2.53GHz	4542	853	20.19	\$225.00*
Intel Core i3-4170T @ 3.20GHz	4541	854	21.63	\$209.95
AMD FirePro A320 APU	4540	856	NA	NA
Intel Core i7-3520M @ 2.90GHz	4540	855	19.32	\$235.00*
Intel Core i7-6498DU @ 2.50GHz	4538	857	NA	NA
Intel Core i5-4210H @ 2.90GHz	4535	858	NA	NA
AMD Opteron 2431	4516	859	112.91	\$40.00
AMD Opteron 6128	4505	860	214.63	\$20.99
AMD A10-9630P	4497	861	NA	NA
AMD Phenom II X4 980	4493	862	32.88	\$136.64*
Intel Core i3-4330T @ 3.00GHz	4486	863	NA	NA
Intel Core i5-3470T @ 2.90GHz	4481	864	19.83	\$226.00*
AMD Phenom II X4 975	4469	865	35.28	\$126.69
Intel Core i5-4330M @ 2.80GHz	4461	866	16.23	\$274.99*
Intel Core i3-3250 @ 3.50GHz	4446	867	46.81	\$94.99
Intel Xeon E5520 @ 2.27GHz	4441	868	27.77	\$159.95*
Intel Core i5-4200H @ 2.80GHz	4430	869	NA	NA
Intel Core i3-3245 @ 3.40GHz	4429	870	55.37	\$79.99
Intel Core i5-3380M @ 2.90GHz	4428	871	NA	NA
Intel Core i7-6500U @ 2.50GHz	4427	872	NA	NA
Intel Core i5-3360M @ 2.80GHz	4423	873	47.66	\$92.81
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	874	NA	NA
AMD Opteron 4184	4418	875	8.50	\$519.95*
Intel Core i3-4160T @ 3.10GHz	4415	876	29.64	\$148.99
Intel Core i5-4300M @ 2.60GHz	4405	877	NA	NA
Intel Core i5-5257U @ 2.70GHz	4401	878	NA	NA
AMD PRO A10-9700B	4393	879	NA	NA
Intel Xeon L5520 @ 2.27GHz	4387	880	339.56	\$12.92*
AMD A8-6500 APU	4385	881	27.24	\$160.99*
AMD A12-9730P	4381	882	NA	NA
AMD PRO A12-8830B	4377	883	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4558U @ 2.80GHz	4373	884	NA	NA
Intel Core i5-6300U @ 2.40GHz	4370	885	NA	NA
Intel Xeon L5630 @ 2.13GHz	4369	886	252.11	\$17.33*
Intel Core i5-4278U @ 2.60GHz	4362	887	NA	NA
Intel Core i5-6260U @ 1.80GHz	4362	888	8.41	\$518.99*
Intel Core i5-4288U @ 2.60GHz	4355	889	NA	NA
Intel Xeon L5530 @ 2.40GHz	4351	890	311.73	\$13.96*
AMD A8-5600K APU	4341	891	24.13	\$179.95