



[Home](#)
[Software](#)
[Hardware](#)
[Benchmarks](#)
[Services](#)
[Store](#)
[Support](#)
[Forums](#)
[About Us](#)

[Home](#) » [CPU Benchmarks](#) » [CPU List](#)

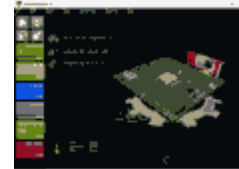
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[Video Card Benchmarks](#)
[Hard Drive Benchmarks](#)
[RAM](#)
[PC Systems](#)
[Android](#)
[iOS / iPhone](#)

# CPU Benchmarks

Over 800,000 CPUs Benchmarked



----Select A Page ----



## 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?**  
 Add your CPU to our benchmark chart  
 with **PerformanceTest V9!**

## Single CPU Systems

Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<a href="#">Intel Xeon E5-2679 v4 @ 2.50GHz</a>	25236	1	9.34	\$2,702.00*
<a href="#">Intel Xeon E5-2673 v4 @ 2.30GHz</a>	23925	2	NA	NA
<a href="#">Intel Xeon E5-2699 v4 @ 2.20GHz</a>	23344	3	13.26	\$1,760.00*
<a href="#">Intel Xeon E5-2699 v3 @ 2.30GHz</a>	22520	4	6.60	\$3,410.00*
<a href="#">Intel Xeon E5-2696 v3 @ 2.30GHz</a>	22349	5	8.95	\$2,498.00*
<a href="#">Intel Xeon E5-2696 v4 @ 2.20GHz</a>	22197	6	NA	NA
<a href="#">Intel Xeon E5-2690 v4 @ 2.60GHz</a>	21948	7	10.50	\$2,090.00*
<a href="#">Intel Xeon E5-2698 v4 @ 2.20GHz</a>	21789	8	6.75	\$3,226.00*
<a href="#">Intel Xeon E5-2697 v3 @ 2.60GHz</a>	21608	9	9.37	\$2,305.00
<a href="#">Intel Xeon E5-2697 v4 @ 2.30GHz</a>	21356	10	7.63	\$2,800.59
<a href="#">Intel Xeon E5-2698 v3 @ 2.30GHz</a>	21334	11	8.02	\$2,660.00*
<a href="#">Intel Xeon E5-2695 v3 @ 2.30GHz</a>	20663	12	8.40	\$2,460.42
<a href="#">Intel Xeon E5-2687W v4 @ 3.00GHz</a>	20130	13	NA	NA
<a href="#">Intel Xeon E5-2695 v4 @ 2.10GHz</a>	20043	14	7.58	\$2,644.00
<a href="#">Intel Core i7-6950X @ 3.00GHz</a>	19955	15	12.13	\$1,644.99
<a href="#">Intel Xeon E5-2680 v4 @ 2.40GHz</a>	19905	16	NA	NA
<a href="#">Intel Xeon E5-2689 v4 @ 3.10GHz</a>	19708	17	NA	NA
<a href="#">Intel Xeon E5-2690 v3 @ 2.60GHz</a>	19362	18	10.14	\$1,909.00
<a href="#">Intel Xeon E5-2686 v3 @ 2.00GHz</a>	19255	19	NA	NA
<a href="#">Intel Xeon E5-2660 v4 @ 2.00GHz</a>	18816	20	NA	NA
<a href="#">Intel Xeon E5-2680 v3 @ 2.50GHz</a>	18781	21	10.93	\$1,717.62
<a href="#">Intel Xeon E5-1681 v3 @ 2.90GHz</a>	18367	22	NA	NA
<a href="#">Intel Xeon E5-2676 v3 @ 2.40GHz</a>	17795	23	NA	NA
<a href="#">Intel Xeon E5-2687W v3 @ 3.10GHz</a>	17779	24	8.10	\$2,195.20
<a href="#">Intel Core i7-6900K @ 3.20GHz</a>	17769	25	17.40	\$1,020.99
<a href="#">Intel Xeon E5-2683 v3 @ 2.00GHz</a>	17502	26	8.82	\$1,984.99*
<a href="#">Intel Xeon E5-2697 v2 @ 2.70GHz</a>	17321	27	7.25	\$2,390.00
<a href="#">Intel Xeon E5-1680 v2 @ 3.00GHz</a>	16990	28	NA	NA
<a href="#">Intel Xeon E5-2673 v3 @ 2.40GHz</a>	16904	29	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	16727	30	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	16684	31	NA	NA
Intel Xeon E5-2696 v2 @ 2.50GHz	16681	32	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16618	33	NA	NA
Intel Xeon E5-2687W v2 @ 3.40GHz	16559	34	10.32	\$1,605.00
Intel Xeon E5-2670 v3 @ 2.30GHz	16549	35	9.45	\$1,751.11
Intel Xeon E5-2690 v2 @ 3.00GHz	16546	36	6.13	\$2,697.01*
Intel Xeon E5-2658 v3 @ 2.20GHz	16511	37	NA	NA
Intel Xeon E5-2667 v2 @ 3.30GHz	16415	38	5.13	\$3,200.00*
Intel Xeon E5-2680 v2 @ 2.80GHz	16341	39	12.04	\$1,357.50
Intel Xeon E5-1660 v4 @ 3.20GHz	16334	40	NA	NA
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	41	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16290	42	NA	NA
Intel Xeon E5-2660 v3 @ 2.60GHz	16161	43	12.43	\$1,300.00
Intel Xeon E5-2667 v3 @ 3.20GHz	16125	44	7.14	\$2,260.00
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	45	NA	NA
Intel Xeon E5-2650 v4 @ 2.20GHz	15994	46	NA	NA
Intel Core i7-5960X @ 3.00GHz	15975	47	14.93	\$1,069.65
Intel Xeon E5-2667 v4 @ 3.20GHz	15916	48	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15708	49	8.06	\$1,950.00
AMD Ryzen 7 1800X	15367	50	30.74	\$499.99
Intel Xeon E5-2675 v3 @ 1.80GHz	15172	51	NA	NA
Intel Xeon E5-2640 v4 @ 2.40GHz	15071	52	NA	NA
Intel Xeon E5-2670 v2 @ 2.50GHz	14975	53	8.56	\$1,750.00
Intel Xeon E5-2650 v3 @ 2.30GHz	14962	54	14.12	\$1,060.00
AMD Ryzen 7 1700X	14759	55	37.87	\$389.73
Intel Core i7-6850K @ 3.60GHz	14470	56	24.99	\$579.00
Intel Xeon E5-2687W @ 3.10GHz	14376	57	14.38	\$999.99
Intel Xeon E5-1660 v3 @ 3.00GHz	14277	58	9.43	\$1,514.87*
Intel Xeon E5-1650 v4 @ 3.60GHz	14276	59	NA	NA
Intel Xeon E5-4627 v3 @ 2.60GHz	14219	60	5.92	\$2,400.00
Intel Xeon E5-2690 @ 2.90GHz	14194	61	37.01	\$383.56
Intel Xeon E5-2685 v3 @ 2.60GHz	14154	62	NA	NA
Intel Xeon E5-2630 v4 @ 2.20GHz	14124	63	NA	NA
Intel Xeon E5-2640 v3 @ 2.60GHz	14117	64	14.48	\$975.24
Intel Core i7-4960X @ 3.60GHz	13877	65	5.14	\$2,700.00
Intel Xeon E5-2658 v2 @ 2.40GHz	13875	66	NA	NA
Intel Xeon E5-2689 @ 2.60GHz	13869	67	NA	NA
Intel Xeon E5-2643 v3 @ 3.40GHz	13852	68	8.61	\$1,609.00*
Intel Xeon E5-2663 v3 @ 2.80GHz	13802	69	NA	NA
Intel Xeon E5-1660 v2 @ 3.70GHz	13735	70	7.59	\$1,808.95*
AMD Ryzen 7 1700	13732	71	41.62	\$329.95
Intel Core i7-5930K @ 3.50GHz	13633	72	22.22	\$613.64
Intel Core i7-6800K @ 3.40GHz	13590	73	34.15	\$397.99
Intel Xeon E5-1650 v3 @ 3.50GHz	13559	74	20.58	\$658.78
Intel Xeon D-1587 @ 1.70GHz	13489	75	NA	NA
Intel Xeon E5-2643 v4 @ 3.40GHz	13329	76	NA	NA
Intel Xeon E5-2660 v2 @ 2.20GHz	13264	77	13.86	\$956.91*
Intel Xeon E5-2650L v3 @ 1.80GHz	13131	78	NA	NA
Intel Xeon E5-2650 v2 @ 2.60GHz	13087	79	20.27	\$645.73

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4930K @ 3.40GHz	13065	80	19.70	\$663.35
Intel Xeon E5-2628L v4 @ 1.90GHz	13041	81	9.56	\$1,364.00*
Intel Core i7-5820K @ 3.30GHz	12990	82	33.31	\$389.99
Intel Xeon E5-2680 @ 2.70GHz	12931	83	53.88	\$240.00
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	84	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12844	85	NA	NA
Intel Xeon E5-2630 v3 @ 2.40GHz	12814	86	20.67	\$620.00
Intel Core i7-3960X @ 3.30GHz	12690	87	11.91	\$1,065.76*
Intel Core i7-3970X @ 3.50GHz	12644	88	20.03	\$631.39
Intel Xeon E5-1650 v2 @ 3.50GHz	12566	89	13.70	\$916.99*
Intel Xeon E5-1660 @ 3.30GHz	12521	90	32.52	\$385.00
Intel Xeon E5-2618L v3 @ 2.30GHz	12508	91	NA	NA
Intel Xeon E5-2648L v3 @ 1.80GHz	12332	92	NA	NA
Intel Xeon E5-2670 @ 2.60GHz	12325	93	84.89	\$145.20
Intel Core i7-7700K @ 4.20GHz	12286	94	35.61	\$345.00
Intel Core i7-3930K @ 3.20GHz	12029	95	20.81	\$577.94
Intel Xeon E5-2665 @ 2.40GHz	11986	96	84.41	\$142.00
Intel Xeon E5-4650 @ 2.70GHz	11960	97	9.97	\$1,200.00
Intel Xeon E5-1650 @ 3.20GHz	11742	98	67.10	\$175.00
Intel Xeon E5-2643 v2 @ 3.50GHz	11735	99	5.33	\$2,200.00*
Intel Xeon E5-2620 v4 @ 2.10GHz	11359	100	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11333	101	NA	NA
Intel Xeon E3-1285L v4 @ 3.40GHz	11224	102	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11219	103	83.73	\$134.00
Intel Core i7-4790K @ 4.00GHz	11186	104	28.46	\$393.00
Intel Xeon E5-2651 v2 @ 1.80GHz	11176	105	NA	NA
Intel Xeon E5-2470 @ 2.30GHz	11149	106	7.53	\$1,479.99*
Intel Core i7-6700K @ 4.00GHz	11119	107	32.71	\$339.99
Intel Core i7-5775C @ 3.30GHz	11035	108	28.81	\$383.10
Intel Xeon E3-1575M v5 @ 3.00GHz	11023	109	NA	NA
Intel Xeon E5-2629 v3 @ 2.40GHz	10984	110	NA	NA
Intel Core i7-7700 @ 3.60GHz	10947	111	34.88	\$313.89
Intel Core i7-5950HQ @ 2.90GHz	10892	112	NA	NA
Intel Core i7-5775R @ 3.30GHz	10851	113	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10642	114	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10608	115	NA	NA
Intel Xeon D-1540 @ 2.00GHz	10573	116	NA	NA
Intel Core i7-6700TE @ 2.40GHz	10514	117	NA	NA
Intel Xeon E3-1280 v5 @ 3.70GHz	10502	118	NA	NA
Intel Xeon E5-2630 v2 @ 2.60GHz	10452	119	15.26	\$684.99
Intel Xeon E3-1240 v5 @ 3.50GHz	10386	120	NA	NA
Intel Xeon E5-2667 @ 2.90GHz	10380	121	13.28	\$781.96
Intel Xeon E3-1245 v5 @ 3.50GHz	10345	122	NA	NA
Intel Xeon E3-1275 v5 @ 3.60GHz	10319	123	NA	NA
AMD FX-9590 Eight-Core	10309	124	58.24	\$177.00
Intel Xeon E5-2637 v3 @ 3.50GHz	10281	125	9.89	\$1,040.00
Intel Xeon E5-2650 @ 2.00GHz	10275	126	76.95	\$133.53
Intel Xeon E5-1630 v4 @ 3.70GHz	10273	127	NA	NA
Intel Xeon E3-1285 v3 @ 3.60GHz	10252	128	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10247	129	28.87	\$354.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1630 v3 @ 3.70GHz	10229	130	22.03	\$464.42
Intel Xeon E3-1281 v3 @ 3.70GHz	10193	131	15.05	\$677.50
Intel Xeon E5-2450 @ 2.10GHz	10186	132	105.11	\$96.92
Intel Core i7-7820HK @ 2.90GHz	10134	133	NA	NA
Intel Core i7-4770K @ 3.50GHz	10111	134	25.34	\$399.00
AMD Opteron 6380	10082	135	8.71	\$1,157.99
Intel Xeon E3-1260L v5 @ 2.90GHz	10067	136	NA	NA
Intel Core i7-4980HQ @ 2.80GHz	10044	137	NA	NA
Intel Xeon E5-1620 v4 @ 3.50GHz	10043	138	NA	NA
Intel Xeon E3-1241 v3 @ 3.50GHz	10042	139	35.61	\$282.00
Intel Core i7-6700 @ 3.40GHz	10037	140	34.03	\$294.99
Intel Xeon E3-1246 v3 @ 3.50GHz	10028	141	32.70	\$306.70
Intel Xeon E3-1270 v5 @ 3.60GHz	10026	142	31.97	\$313.68
Intel Core i7-4790 @ 3.60GHz	10004	143	31.17	\$321.00
Intel Xeon E3-1271 v3 @ 3.60GHz	9992	144	27.53	\$362.97
Intel Xeon E3-1285L v3 @ 3.10GHz	9984	145	NA	NA
Intel Xeon E5-2620 v3 @ 2.40GHz	9975	146	24.94	\$400.00
Intel Core i7-7820HQ @ 2.90GHz	9946	147	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9940	148	NA	NA
Intel Xeon E5-2640 v2 @ 2.00GHz	9914	149	12.32	\$804.50
Intel Core i7-4940MX @ 3.10GHz	9893	150	9.81	\$1,008.95*
Intel Core i7-4771 @ 3.50GHz	9871	151	23.89	\$413.25
Intel Xeon E3-1290 V2 @ 3.70GHz	9862	152	11.14	\$885.00*
Intel Core i7-4770R @ 3.20GHz	9861	153	NA	NA
Intel Xeon E5-2637 v4 @ 3.50GHz	9858	154	9.25	\$1,065.54
Intel Xeon E3-1275 v3 @ 3.50GHz	9847	155	17.88	\$550.76
Intel Xeon E3-1270 v3 @ 3.50GHz	9831	156	26.57	\$369.99
Intel Core i7-4770 @ 3.40GHz	9805	157	21.22	\$462.17
Intel Core i7-995X @ 3.60GHz	9791	158	NA	NA
Intel Core i7-4960HQ @ 2.60GHz	9770	159	15.68	\$623.00*
Intel Xeon E3-1280 V2 @ 3.60GHz	9756	160	15.13	\$644.99*
Intel Xeon E3-1280 v3 @ 3.60GHz	9755	161	12.19	\$800.49*
Intel Core i7-4820K @ 3.70GHz	9737	162	24.40	\$399.00
Intel Xeon E5-1620 v3 @ 3.50GHz	9722	163	31.78	\$305.99
Intel Xeon E3-1230 v5 @ 3.40GHz	9705	164	NA	NA
Intel Xeon E3-1240 v3 @ 3.40GHz	9702	165	45.47	\$213.36
Intel Core i7-6920HQ @ 2.90GHz	9685	166	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9681	167	9.66	\$1,001.88
Intel Xeon E3-1231 v3 @ 3.40GHz	9629	168	40.12	\$239.99
Intel Xeon E5-2640 @ 2.50GHz	9618	169	23.46	\$409.95
AMD Opteron 6287 SE	9595	170	NA	NA
Intel Core i7-4790S @ 3.20GHz	9594	171	24.11	\$398.00
Intel Xeon E3-1245 v3 @ 3.40GHz	9548	172	29.84	\$319.99
Intel Core i7-3770K @ 3.50GHz	9546	173	26.89	\$355.00
Intel Core i7-7700T @ 2.90GHz	9536	174	29.80	\$319.99
AMD FX-9370 Eight-Core	9506	175	56.29	\$168.88
Intel Xeon E5-1620 v2 @ 3.70GHz	9489	176	30.13	\$314.99
Intel Xeon E5-2658 @ 2.10GHz	9484	177	6.49	\$1,462.00*
Intel Core i7-4930MX @ 3.00GHz	9476	178	8.65	\$1,096.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9471	179	32.98	\$287.22

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W3690 @ 3.47GHz	9461	180	4.33	\$2,185.19*
Intel Core i7-5850HQ @ 2.70GHz	9459	181	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9452	182	8.67	\$1,089.70
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	183	11.25	\$837.99*
AMD Opteron 6376	9414	184	12.70	\$741.38
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	185	NA	NA
Intel Core i7-4910MQ @ 2.90GHz	9404	186	16.41	\$572.99*
Intel Xeon E3-1286 v3 @ 3.70GHz	9388	187	11.19	\$839.00*
Intel Core i7-4870HQ @ 2.50GHz	9334	188	NA	NA
Intel Xeon E3-1275 V2 @ 3.50GHz	9334	189	22.44	\$416.00*
Intel Core i7-3940XM @ 3.00GHz	9324	190	17.30	\$539.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9323	191	22.68	\$411.08
Intel Core i7-4770S @ 3.10GHz	9321	192	19.88	\$468.81
Intel Xeon E5-2440 @ 2.40GHz	9319	193	12.51	\$745.00
Intel Core i7-3770 @ 3.40GHz	9316	194	28.27	\$329.55
Intel Core i7-4860HQ @ 2.40GHz	9293	195	NA	NA
Intel Core i5-7600K @ 3.80GHz	9250	196	39.62	\$233.49
Intel Xeon E3-1535M v5 @ 2.90GHz	9246	197	NA	NA
Intel Xeon W3680 @ 3.33GHz	9245	198	26.42	\$350.00*
Intel Core i7-3920XM @ 2.90GHz	9242	199	8.43	\$1,096.00*
Intel Xeon E3-1240 V2 @ 3.40GHz	9215	200	28.68	\$321.36
Intel Core i7-990X @ 3.47GHz	9173	201	8.42	\$1,089.95
Intel Xeon X5690 @ 3.47GHz	9160	202	44.69	\$205.00
AMD Opteron 6282 SE	9116	203	8.36	\$1,089.99*
Intel Xeon E5-1620 @ 3.60GHz	9097	205	28.53	\$318.84
Intel Xeon E5-2623 v3 @ 3.00GHz	9097	204	16.05	\$566.84*
Intel Xeon E3-1245 V2 @ 3.40GHz	9082	206	27.54	\$329.80
Intel Core i7-6700T @ 2.80GHz	9077	207	27.93	\$325.00
Intel Core i7-6820HK @ 2.70GHz	9076	208	NA	NA
Intel Core i7-4850HQ @ 2.30GHz	9057	210	20.87	\$434.00*
Intel Core i7-4900MQ @ 2.80GHz	9057	209	14.87	\$609.29*
Intel Core i7-4790T @ 2.70GHz	9052	211	25.21	\$359.00*
AMD Opteron 6276	9011	212	24.76	\$364.01
Intel Core i7-3820 @ 3.60GHz	8991	213	24.74	\$363.35
AMD FX-8370 Eight-Core	8978	214	59.86	\$149.99
Intel Core i7-7700HQ @ 2.80GHz	8950	215	NA	NA
Intel Core i7-4770HQ @ 2.20GHz	8945	216	NA	NA
AMD FX-8350 Eight-Core	8940	217	68.78	\$129.99
Intel Xeon E5-2630 @ 2.30GHz	8915	218	26.77	\$333.00
Intel Core i7-980X @ 3.33GHz	8904	219	9.29	\$959.00
Intel Core i5-7600 @ 3.50GHz	8891	220	38.66	\$229.99
Intel Core i7-3770S @ 3.10GHz	8883	221	24.95	\$356.00
Intel Xeon E3-1505M v5 @ 2.80GHz	8875	222	NA	NA
Intel Xeon E3-1230 V2 @ 3.30GHz	8847	223	24.87	\$355.77
Intel Core i7-3840QM @ 2.80GHz	8840	224	16.06	\$550.45*
Intel Core i7-980 @ 3.33GHz	8811	225	7.95	\$1,108.95*
Intel Core i7-6820HQ @ 2.70GHz	8810	226	NA	NA
Intel Core i7-2700K @ 3.50GHz	8767	227	13.75	\$637.76
Intel Xeon X5680 @ 3.33GHz	8767	228	49.40	\$177.49
Intel Xeon E3-1290 @ 3.60GHz	8704	229	9.84	\$885.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2620 v2 @ 2.10GHz	8693	230	21.48	\$404.68
Intel Xeon E3-1265L v3 @ 2.50GHz	8691	231	23.66	\$367.29
Intel Core i7-4770T @ 2.50GHz	8680	232	14.23	\$609.95*
Intel Xeon E5-2650L @ 1.80GHz	8676	233	NA	NA
Intel Xeon X5679 @ 3.20GHz	8652	234	NA	NA
Intel Core i7-4810MQ @ 2.80GHz	8651	235	13.02	\$664.62*
Intel Xeon E3-1275L v3 @ 2.70GHz	8628	236	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8612	237	NA	NA
Intel Xeon E5-2430 v2 @ 2.50GHz	8608	238	13.72	\$627.49*
Intel Xeon E5-2420 v2 @ 2.20GHz	8593	239	15.35	\$559.95
Intel Xeon X5675 @ 3.07GHz	8556	240	50.33	\$170.00
Intel Core i7-4800MQ @ 2.70GHz	8508	241	16.68	\$509.95
Intel Core i7-3820QM @ 2.70GHz	8504	242	18.09	\$470.00
Intel Core i7-2600K @ 3.40GHz	8479	243	20.76	\$408.40
Intel Xeon E3-1280 @ 3.50GHz	8473	244	6.72	\$1,260.74
Intel Xeon E5-2643 @ 3.30GHz	8467	245	28.76	\$294.46
Intel Core i5-7600T @ 2.80GHz	8455	246	36.92	\$228.99
Intel Core i7-6820EQ @ 2.80GHz	8454	247	NA	NA
Intel Core i7-970 @ 3.20GHz	8449	248	14.19	\$595.40*
Intel Core i7-5700HQ @ 2.70GHz	8397	249	NA	NA
Intel Xeon W3670 @ 3.20GHz	8370	250	28.38	\$295.00
Intel Xeon E3-1275 @ 3.40GHz	8348	251	23.02	\$362.67
Intel Core i7-3740QM @ 2.70GHz	8347	252	14.68	\$568.57*
Intel Core i7-4760HQ @ 2.10GHz	8340	253	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8295	254	NA	NA
Intel Xeon E5-2623 v4 @ 2.60GHz	8242	255	17.18	\$479.82
Intel Xeon E3-1270 @ 3.40GHz	8241	256	22.33	\$369.00
Intel Core i7-5700EQ @ 2.60GHz	8239	257	NA	NA
Intel Core i7-2600 @ 3.40GHz	8224	258	45.69	\$179.99
Intel Core i7-3770T @ 2.50GHz	8196	259	24.84	\$329.99*
Intel Core i7-5675C @ 3.10GHz	8164	260	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8150	261	21.72	\$375.17*
Intel Core i7-6700HQ @ 2.60GHz	8133	262	5.39	\$1,509.00*
Intel Xeon X5670 @ 2.93GHz	8082	263	104.97	\$77.00
Intel Core i5-5675C @ 3.10GHz	8077	264	27.85	\$289.99
Intel Xeon E3-1245 @ 3.30GHz	8058	265	25.91	\$311.04
Intel Core i7-4722HQ @ 2.40GHz	8052	266	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8018	267	NA	NA
AMD FX-8320 Eight-Core	8013	268	71.72	\$111.72
Intel Xeon E3-1240 @ 3.30GHz	7996	269	38.26	\$209.00
Intel Core i5-6600K @ 3.50GHz	7989	270	33.29	\$239.99
Intel Core i7-4710MQ @ 2.50GHz	7986	271	29.41	\$271.57*
Intel Xeon E5-2620 @ 2.00GHz	7971	272	54.64	\$145.87
Intel Core i7-4860EQ @ 1.80GHz	7933	273	NA	NA
Intel Xeon E3-1230 @ 3.20GHz	7929	274	27.95	\$283.72
Intel Xeon E5-2630L @ 2.00GHz	7868	275	NA	NA
Intel Core i5-7500 @ 3.40GHz	7856	276	40.94	\$191.87
Intel Xeon X5660 @ 2.80GHz	7852	277	157.07	\$49.99
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	278	NA	NA
Intel Core i5-6600 @ 3.30GHz	7832	279	36.43	\$214.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6328	7813	280	13.95	\$560.00
Intel Core i7-4710HQ @ 2.50GHz	7806	281	NA	NA
Intel Core i5-6402P @ 2.80GHz	7802	282	41.07	\$189.99*
AMD FX-8370E Eight-Core	7783	283	50.66	\$153.66
Intel Xeon E5-2630L v3 @ 1.80GHz	7767	284	NA	NA
Intel Xeon E3-1225 v5 @ 3.30GHz	7765	285	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7761	286	20.26	\$383.00*
Intel Core i5-7440HQ @ 2.80GHz	7748	287	NA	NA
AMD FX-8310 Eight-Core	7747	288	NA	NA
Intel Xeon E3-1265L V2 @ 2.50GHz	7745	289	54.39	\$142.42
Intel Core i5-4690K @ 3.50GHz	7738	290	30.31	\$255.31*
Intel Core i7-4700MQ @ 2.40GHz	7717	291	27.66	\$279.00
Intel Xeon E3-1235 @ 3.20GHz	7692	292	20.51	\$375.00*
Intel Core i5-5675R @ 3.10GHz	7687	293	NA	NA
AMD FX-8300 Eight-Core	7640	294	84.91	\$89.99
AMD FX-8150 Eight-Core	7621	295	19.87	\$383.50*
Intel Core i5-4670K @ 3.40GHz	7613	296	32.40	\$234.98
Intel Core i7-3630QM @ 2.40GHz	7595	297	26.77	\$283.69*
Intel Xeon E3-1220 v5 @ 3.00GHz	7588	298	NA	NA
Intel Core i5-4690 @ 3.50GHz	7587	299	25.32	\$299.60
Intel Core i7-4785T @ 2.20GHz	7568	300	NA	NA
Intel Xeon X5650 @ 2.67GHz	7554	301	125.99	\$59.96
Intel Core i7-4702HQ @ 2.20GHz	7529	302	NA	NA
Intel Xeon E3-1240L v3 @ 2.00GHz	7507	304	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7507	303	NA	NA
AMD Opteron 6366 HE	7503	305	NA	NA
AMD FX-8320E Eight-Core	7497	307	67.11	\$111.72
Intel Xeon E3-1226 v3 @ 3.30GHz	7497	306	32.30	\$232.10
Intel Core i7-4712HQ @ 2.30GHz	7481	308	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7461	309	18.65	\$399.99*
Intel Core i5-7400 @ 3.00GHz	7441	310	38.17	\$194.99
Intel Core i5-4670K CPT @ 3.40GHz	7411	311	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7407	312	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7377	313	NA	NA
Intel Core i5-4690S @ 3.20GHz	7367	314	21.68	\$339.81
Intel Core i5-4670 @ 3.40GHz	7366	315	25.49	\$289.00
AMD Opteron 6238	7316	316	6.72	\$1,088.11*
Intel Xeon E5-1410 @ 2.80GHz	7312	317	NA	NA
Intel Core i7-4765T @ 2.00GHz	7302	318	14.35	\$508.95*
Intel Core i5-5575R @ 2.80GHz	7278	319	NA	NA
Intel Core i5-6600T @ 2.70GHz	7243	320	15.33	\$472.40*
Intel Core i5-4590 @ 3.30GHz	7224	321	24.91	\$289.99
Intel Core i7-2960XM @ 2.70GHz	7219	322	16.83	\$429.00*
Intel Xeon E3-1230L v3 @ 1.80GHz	7207	323	NA	NA
Intel Core i5-6500 @ 3.20GHz	7195	324	35.45	\$202.98
Intel Core i7-4712MQ @ 2.30GHz	7142	325	NA	NA
Intel Core i5-3570K @ 3.40GHz	7140	326	25.97	\$275.00
Intel Xeon E5-2420 @ 1.90GHz	7139	327	18.31	\$390.00
Intel Xeon X5687 @ 3.60GHz	7138	328	37.06	\$192.63
Intel Core i7-3615QE @ 2.30GHz	7133	329	NA	NA

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Intel Core i7-4702MQ @ 2.20GHz	7132	330	NA	NA
Intel Xeon E3-1225 v3 @ 3.20GHz	7127	331	24.37	\$292.45*
Intel Core i7-2920XM @ 2.50GHz	7089	332	11.64	\$608.95*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	333	NA	NA
Intel Core i7-2600S @ 2.80GHz	7076	334	29.61	\$239.00
Intel Core i7-4770TE @ 2.30GHz	7065	335	NA	NA
Intel Core i5-7500T @ 2.70GHz	7063	336	33.64	\$209.95
Intel Xeon E5649 @ 2.53GHz	7051	337	141.07	\$49.99
Intel Core i5-4570 @ 3.20GHz	7042	338	26.88	\$262.00
Intel Core i7-2860QM @ 2.50GHz	7036	339	11.73	\$599.99*
Intel Xeon L5639 @ 2.13GHz	7021	340	NA	NA
Intel Core i5-3570 @ 3.40GHz	7016	341	29.89	\$234.77
Intel Core i3-7350K @ 4.20GHz	6997	342	41.16	\$169.99
Intel Xeon X5677 @ 3.47GHz	6984	343	19.96	\$350.00
Intel Xeon E5-2609 v4 @ 1.70GHz	6983	344	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	345	NA	NA
AMD FX-6350 Six-Core	6961	346	73.28	\$94.99
Intel Core i5-4590S @ 3.00GHz	6946	347	23.87	\$290.95
Intel Core i7-3632QM @ 2.20GHz	6929	348	19.30	\$359.00
Intel Xeon E5-1607 v3 @ 3.10GHz	6897	349	NA	NA
Intel Xeon E5-2430 @ 2.20GHz	6878	350	11.81	\$582.28*
Intel Core i5-3550 @ 3.30GHz	6847	351	29.14	\$235.00
Intel Core i5-3550S @ 3.00GHz	6845	352	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6822	353	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	6822	354	NA	NA
Intel Xeon E3-1225 V2 @ 3.20GHz	6789	355	25.12	\$270.31
Intel Core i5-7400T @ 2.40GHz	6779	356	34.85	\$194.50
Intel Core i7-2840QM @ 2.40GHz	6766	357	NA	NA
AMD Opteron 6272	6748	358	20.77	\$325.00
Intel Core i5-2550K @ 3.40GHz	6703	359	21.69	\$309.00*
Intel Core i5-6400 @ 2.70GHz	6692	360	36.18	\$184.99
Intel Core i5-7300HQ @ 2.50GHz	6677	361	NA	NA
Intel Core i5-4570S @ 2.90GHz	6671	362	20.96	\$318.30
AMD Opteron 4284	6660	363	18.64	\$357.30*
Intel Core i5-4460 @ 3.20GHz	6650	364	33.93	\$196.00
Intel Core i7-2820QM @ 2.30GHz	6644	365	15.10	\$439.95*
Intel Core i7-985 @ 3.47GHz	6641	366	NA	NA
Intel Core i7-3635QM @ 2.40GHz	6636	367	NA	NA
Intel Core i7-2760QM @ 2.40GHz	6630	368	14.19	\$467.40*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	369	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6624	370	NA	NA
Intel Core i5-4570R @ 2.70GHz	6609	371	NA	NA
Intel Xeon E3-1220 v3 @ 3.10GHz	6608	372	30.21	\$218.78
Intel Core i5-3470 @ 3.20GHz	6601	373	30.49	\$216.50
Intel Core i3-7320 @ 4.10GHz	6594	374	43.96	\$149.99
Intel Xeon E3-1220 V2 @ 3.10GHz	6593	375	29.97	\$219.99
AMD FX-8120 Eight-Core	6581	376	36.56	\$179.99
Intel Core i5-3570S @ 3.10GHz	6580	377	23.09	\$285.00
Intel Xeon E5645 @ 2.40GHz	6559	378	83.04	\$79.00
Intel Core i5-4460S @ 2.90GHz	6553	379	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1260L @ 2.40GHz	6534	380	11.34	\$576.10*
Intel Xeon L5640 @ 2.27GHz	6514	381	70.08	\$92.95
Intel Xeon X5672 @ 3.20GHz	6507	382	47.13	\$138.08*
Intel Core i7-6822EQ @ 2.00GHz	6489	383	NA	NA
Intel Core i5-3450 @ 3.10GHz	6470	384	32.35	\$199.99
Intel Core i5-2500K @ 3.30GHz	6459	385	22.35	\$289.00
Intel Core i5-4440 @ 3.10GHz	6438	386	19.22	\$334.97*
AMD FX-6330 Six-Core	6437	387	NA	NA
Intel Core i5-4670S @ 3.10GHz	6436	388	NA	NA
AMD Opteron 4280	6430	389	14.09	\$456.44*
AMD Opteron 6174	6412	390	87.01	\$73.70
Intel Core i5-3475S @ 2.90GHz	6412	392	29.22	\$219.45*
Intel Xeon W3580 @ 3.33GHz	6412	391	29.90	\$214.50*
Intel Core i5-4690T @ 2.50GHz	6410	393	NA	NA
Intel Xeon D-1520 @ 2.20GHz	6396	394	NA	NA
Intel Core i3-7300 @ 4.00GHz	6385	395	46.28	\$137.99
AMD Opteron 3380	6384	396	7.89	\$809.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6352	397	NA	NA
AMD FX-6300 Six-Core	6351	398	78.46	\$80.96
Intel Core i7-3612QE @ 2.10GHz	6340	399	NA	NA
AMD PRO A12-8870	6259	400	NA	NA
Intel Core i5-2500 @ 3.30GHz	6253	401	36.25	\$172.51
Intel Core i5-4430 @ 3.00GHz	6251	402	25.41	\$246.00
Intel Core i5-3470S @ 2.90GHz	6239	403	32.81	\$190.20
Intel Core i5-4670T @ 2.30GHz	6229	404	28.32	\$220.00*
AMD FX-6130 Six-Core	6215	405	NA	NA
AMD PRO A12-9800	6205	406	36.72	\$169.00*
Intel Core i7-3610QE @ 2.30GHz	6193	407	NA	NA
Intel Core i7-975 @ 3.33GHz	6192	408	13.17	\$470.00
Intel Xeon W5590 @ 3.33GHz	6183	409	22.90	\$269.99*
Intel Xeon W3570 @ 3.20GHz	6180	410	8.72	\$708.95*
Intel Core i5-6500T @ 2.50GHz	6150	411	NA	NA
Intel Core i5-3450S @ 2.80GHz	6118	412	40.79	\$150.00
AMD FX-6200 Six-Core	6107	413	45.46	\$134.36
Intel Core i5-4440S @ 2.80GHz	6106	414	24.52	\$249.00*
Intel Core i7-2720QM @ 2.20GHz	6101	415	35.90	\$169.96
Intel Core i5-3350P @ 3.10GHz	6100	416	27.48	\$222.01
Intel Core i5-2450P @ 3.20GHz	6091	417	28.33	\$214.99*
AMD FX-8100 Eight-Core	6080	418	42.82	\$142.00*
Intel Xeon E3-1265L @ 2.40GHz	6054	419	6.59	\$918.35*
Intel Xeon E3-1220 @ 3.10GHz	6038	420	28.56	\$211.45
Intel Core i3-6098P @ 3.60GHz	6032	421	48.87	\$123.44
Intel Core i5-3340 @ 3.10GHz	6029	422	23.01	\$262.01
Intel Core i3-6320 @ 3.90GHz	6020	423	40.14	\$149.99

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