

Single CPU Systems

Last updated on the 26th of July 2023

Column

CPU Name	CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 9654	126,045	1	18.84	\$6,690.00
AMD EPYC 9554P	110,611	2	15.57	\$7,104.00*
AMD EPYC 9474F	104,895	3	NA	NA
Intel Xeon w9-3495X	98,711	4	16.76	\$5,889.00*
AMD Ryzen Threadripper PRO 5995WX	98,039	5	17.20	\$5,699.99
AMD EPYC 9454P	94,591	6	20.57	\$4,598.00*
AMD EPYC 9654P	94,295	7	8.87	\$10,625.00*
AMD EPYC 7773X	91,209	8	18.25	\$4,999.00
AMD EPYC 9534	88,716	9	NA	NA
AMD EPYC 7763	85,915	10	34.45	\$2,494.00
AMD EPYC 7J13	85,683	11	NA	NA
AMD EPYC 7713	83,836	12	25.41	\$3,299.99
AMD EPYC 7713P	83,439	14	21.67	\$3,850.00
AMD Ryzen Threadripper PRO 3995WX	83,439	13	12.15	\$6,866.00
AMD EPYC 7V13	82,878	15	NA	NA
AMD Ryzen Threadripper 3990X	81,228	16	16.71	\$4,861.00
AMD EPYC 9354P	78,983	17	NA	NA
AMD EPYC 7B13	77,460	18	NA	NA
AMD EPYC 7643	76,455	19	16.80	\$4,550.00*
AMD Ryzen Threadripper PRO 5975WX	76,143	20	28.20	\$2,699.99
AMD EPYC 7T83	74,892	21	NA	NA
AMD EPYC 9274F	74,009	22	NA	NA
AMD EPYC 7662	73,321	23	18.33	\$3,999.99*
AMD EPYC 7573X	70,868	24	14.28	\$4,962.00
AMD EPYC 7702	70,506	25	69.60	\$1,013.00
AMD EPYC 9254	70,006	26	NA	NA
AMD EPYC 75F3	68,505	27	13.70	\$4,999.00
Intel Xeon w7-3465X	68,389	28	23.67	\$2,889.00*
Intel Xeon w9-3475X	67,802	29	18.13	\$3,739.00*
AMD EPYC 7742	66,915	30	31.89	\$2,098.00

AMD EPYC 7543P	66,608	31	28.34	\$2,350.00*
AMD Ryzen Threadripper PRO 5965WX	66,539	32	33.27	\$1,999.99
AMD EPYC 7R32	64,727	33	NA	NA
AMD Ryzen 9 7950X	63,524	34	117.42	\$540.99
AMD Ryzen Threadripper 3970X	63,383	35	25.40	\$2,495.00
AMD Ryzen Threadripper PRO 3975WX	62,992	36	21.02	\$2,997.19
AMD Ryzen 9 7950X3D	62,966	37	95.25	\$661.08
AMD EPYC 7702P	62,670	38	33.02	\$1,898.00
Intel Xeon w7-2495X	62,609	39	24.04	\$2,603.96*
Intel Xeon Platinum 8380 @ 2.30GHz	62,318	40	6.94	\$8,978.00*
Intel Core i9-13900KS	61,981	41	61.98	\$999.99
AMD EPYC 74F3	60,577	42	19.88	\$3,047.00
AMD EPYC 7642	60,047	43	50.67	\$1,185.00
AMD EPYC 7513	59,988	44	21.12	\$2,840.00*
Intel Core i9-13900K	59,894	45	105.08	\$569.97
Intel Core i9-13900KF	59,382	46	108.66	\$546.49
Intel Xeon W-3375 @ 2.50GHz	59,069	47	13.13	\$4,499.00*
Intel Xeon W-3365 @ 2.70GHz	59,038	48	15.33	\$3,851.00*
AMD Ryzen 9 7945HX	57,806	49	NA	NA
AMD EPYC 7443P	57,685	50	34.26	\$1,683.99*
Intel Xeon Gold 5420+	57,593	51	31.16	\$1,848.00*
Intel Xeon Gold 6414U	57,200	52	24.91	\$2,296.00*
AMD EPYC 7542	56,728	53	43.70	\$1,298.06
Intel Xeon Platinum 8375C @ 2.90GHz	56,642	54	NA	NA
AMD EPYC 7543	56,562	55	15.04	\$3,761.00*
AMD EPYC 9174F	55,485	56	11.92	\$4,654.00
AMD EPYC 7443	54,870	57	24.59	\$2,230.99*
AMD Ryzen Threadripper 3960X	54,841	58	37.19	\$1,474.51
AMD EPYC 7532	54,793	59	27.97	\$1,959.00
Intel Xeon Platinum 8358 @ 2.60GHz	54,416	60	10.67	\$5,097.75*
Intel Core i9-13900F	53,057	61	100.86	\$526.03
AMD Ryzen 9 7900X	52,412	62	128.15	\$409.00
Intel Xeon Gold 6348 @ 2.60GHz	52,276	63	24.59	\$2,126.33
Intel Xeon w7-2475X	52,122	64	29.13	\$1,789.00*
AMD Ryzen 9 7900X3D	51,046	65	90.98	\$561.05
Intel Xeon Gold 6314U @ 2.30GHz	51,014	66	18.34	\$2,782.00*

AMD EPYC 7413	50,223	67	25.14	\$1,997.99*
AMD EPYC 7453	50,209	68	29.06	\$1,727.68
AMD EPYC 7502P	49,887	69	29.35	\$1,699.96
AMD Ryzen Threadripper PRO 5955WX	49,594	70	45.09	\$1,099.99
Intel Core i9-13900	49,456	71	89.92	\$549.99
Intel Xeon Platinum 8347C @ 2.10GHz	49,386	72	NA	NA
AMD Ryzen 9 7900	49,373	73	117.56	\$419.99
AMD EPYC 7K62	49,104	74	NA	NA
AMD EPYC 7452	49,061	75	36.37	\$1,349.00
AMD EPYC 7R12	48,934	76	NA	NA
Intel Core i9-13900E	48,825	77	88.13	\$554.00*
Intel Core i9-13980HX	48,593	78	72.74	\$668.00*
Intel Xeon W-3345 @ 3.00GHz	48,261	79	19.31	\$2,499.00*
Apple M2 Ultra 24 Core	48,137	80	NA	NA
AMD EPYC 7402	47,648	81	31.94	\$1,492.00
Intel Xeon Gold 6342 @ 2.80GHz	47,320	82	19.82	\$2,388.05*
Intel Core i7-13700K	46,946	83	115.07	\$407.99
Intel Xeon w5-3435X	46,940	84	29.54	\$1,589.00*
Intel Core i7-13700KF	46,711	85	119.47	\$390.98
AMD Ryzen 9 7845HX	46,611	86	NA	NA
Intel Xeon Gold 6338N @ 2.20GHz	46,583	87	9.97	\$4,671.69*
ARM Neoverse-N1 128 Core 3000 MHz	46,271	88	NA	NA
AMD EPYC 73F3	46,085	89	11.62	\$3,966.35
Intel Xeon w5-2465X	46,069	90	33.17	\$1,389.00*
AMD Ryzen 9 5950X	45,912	91	103.94	\$441.71
AMD EPYC 7502	45,839	92	52.39	\$875.00
Intel Xeon Gold 6336Y @ 2.40GHz	45,517	93	23.58	\$1,929.95
Intel Core i9-13900HX	45,495	94	68.11	\$668.00*
Intel Core i9-13950HX	45,308	95	76.79	\$590.00*
AMD EPYC 9124	44,345	96	24.68	\$1,797.00
Intel Core i9-12900KS	44,295	97	110.74	\$399.99
Intel Core i9-13900T	43,861	98	79.89	\$549.00*
AMD EPYC 7343	43,826	99	25.78	\$1,699.99*
Intel Xeon Gold 6312U @ 2.40GHz	43,710	100	24.15	\$1,809.59*
Intel Xeon W-3275 @ 2.50GHz	43,344	101	8.86	\$4,894.00*
ARM Neoverse-N1 128 Core 2800 MHz	43,111	102	NA	NA
Intel Xeon Gold 6330 @ 2.00GHz	43,056	103	35.00	\$1,230.00

AMD EPYC 7402P	42,588	104	47.92	\$888.76
AMD EPYC 7601	42,244	105	29.54	\$1,429.99
AMD EPYC 7313P	41,809	106	45.79	\$913.00*
AMD EPYC 7D12	41,722	107	NA	NA
Intel Core i9-12900K	41,609	108	117.87	\$352.99
Intel Xeon Gold 6354 @ 3.00GHz	41,445	109	15.03	\$2,757.99*
Intel Core i9-12900KF	41,362	110	103.67	\$398.99
Intel Core i7-13700F	41,324	111	114.47	\$360.99
AMD EPYC 7352	41,281	112	43.46	\$949.95
AMD EPYC 7F52	41,023	113	13.23	\$3,100.00*
Apple M1 Ultra 20 Core	40,920	114	NA	NA
Intel Xeon Platinum 8275CL @ 3.00GHz	40,794	115	NA	NA
AMD Ryzen Threadripper PRO 5945WX	40,758	116	NA	NA
AMD EPYC 7313	40,605	117	35.26	\$1,151.55
AMD Ryzen Threadripper PRO 3955WX	40,301	118	40.68	\$990.80
Intel Xeon W-3275M @ 2.50GHz	39,979	119	5.36	\$7,453.00*
AMD EPYC 7551P	39,808	120	108.05	\$368.41
Intel Xeon W-3335 @ 3.40GHz	39,317	121	30.27	\$1,299.00*
AMD Ryzen 9 5900X	39,301	122	131.01	\$299.99
Intel Core i7-13850HX	39,002	123	91.13	\$428.00*
AMD Ryzen 9 3950X	38,962	124	84.70	\$459.99
Intel Core i7-13700	38,801	125	110.86	\$349.99
Intel Xeon w5-3425	38,731	126	32.57	\$1,189.00*
Intel Xeon Gold 6248R @ 3.00GHz	38,710	127	19.42	\$1,993.65
Intel Core i5-13600K	38,430	128	123.97	\$309.99
Intel Core i5-13600KF	38,324	129	130.80	\$292.99
Intel Xeon Gold 6346 @ 3.10GHz	37,722	130	24.43	\$1,544.16
Intel Xeon Gold 5320 @ 2.20GHz	37,558	131	22.83	\$1,645.00
Intel Xeon Gold 6238R @ 2.20GHz	37,511	132	16.02	\$2,341.99
Intel Core i9-12900F	37,271	133	87.70	\$425.00
Intel Xeon Silver 4316 @ 2.30GHz	37,264	134	40.29	\$925.00
Intel Xeon W-3175X @ 3.10GHz	37,167	135	13.97	\$2,660.69
AMD Ryzen 7 7700X	36,514	136	115.64	\$315.75
ARM Neoverse-N1 80 Core 3000 MHz	36,400	137	NA	NA
Intel Xeon Gold 5416S	36,391	138	38.55	\$944.00*
AMD Ryzen 7 7700	35,471	139	110.92	\$319.79
Intel Xeon Gold 6326 @ 2.90GHz	35,224	140	26.10	\$1,349.34
Intel Xeon Platinum 8180 @ 2.50GHz	35,208	141	8.85	\$3,980.00

Intel Xeon Gold 6242R @ 3.10GHz	34,963	142	17.50	\$1,998.33
Intel Core i9-12900HX	34,959	143	57.69	\$606.00*
AMD Ryzen 7 7800X3D	34,944	144	79.60	\$439.00
Intel Core i7-12700K	34,781	145	85.04	\$409.00*
Intel Core i7-13700HX	34,753	146	71.66	\$485.00*
Intel Core i9-12900	34,738	147	77.20	\$449.99
AMD Ryzen 9 PRO 5945	34,730	148	NA	NA
Intel Core i7-12700KF	34,588	149	125.32	\$276.00
AMD Ryzen 9 5900	34,516	150	NA	NA
Intel Xeon Gold 6240R @ 2.40GHz	34,206	151	24.44	\$1,399.38
Intel Xeon Gold 6230R @ 2.10GHz	34,183	152	24.96	\$1,369.41
Intel Xeon Platinum 8260M @ 2.30GHz	33,970	153	4.41	\$7,705.00*
Intel Core i5-13600	33,816	154	132.61	\$255.00*
Intel Xeon D-2799 @ 2.40GHz	33,792	155	17.48	\$1,933.00*
Intel Xeon w5-2445	33,616	156	40.07	\$839.00*
AMD Ryzen Threadripper PRO 3945WX	33,532	157	NA	NA
AMD Ryzen 7 7745HX	33,445	158	NA	NA
Intel Core i7-12800HX	33,386	159	73.05	\$457.00*
Intel Xeon Gold 5220R @ 2.20GHz	33,370	160	25.28	\$1,320.00
Intel Xeon Gold 5318Y @ 2.10GHz	33,283	161	19.58	\$1,700.00*
Intel Core i9-12950HX	32,999	162	55.93	\$590.00*
Intel Core i9-10980XE @ 3.00GHz	32,889	163	29.33	\$1,121.48
AMD EPYC 7302	32,878	164	57.93	\$567.58
Intel Xeon Gold 6278C @ 2.60GHz	32,835	165	NA	NA
Intel Xeon Platinum 8280 @ 2.70GHz	32,781	166	7.43	\$4,410.10
AMD Ryzen 9 3900XT	32,774	167	84.04	\$390.00
AMD Ryzen 9 3900X	32,715	168	150.77	\$216.99
AMD EPYC 7302P	32,606	169	38.41	\$849.00
Intel Xeon Platinum 8168 @ 2.70GHz	32,606	170	14.23	\$2,292.00
Intel Core i5-13500	32,567	171	131.33	\$247.98
Intel Core i7-13650HX	32,563	172	67.14	\$485.00*
AMD Ryzen Threadripper 2990WX	32,379	173	16.19	\$1,999.99
Intel Core i9-9980XE @ 3.00GHz	32,091	174	29.52	\$1,087.01
Intel Core i7-13700T	32,034	175	83.42	\$384.00*
Intel Xeon W-3265M @ 2.70GHz	32,025	176	5.04	\$6,353.00*
Intel Xeon Platinum 8173M @ 2.00GHz	31,837	177	NA	NA
Intel Xeon Platinum 8268 @ 2.90GHz	31,632	178	5.27	\$6,005.98*
AMD Ryzen 9 PRO 3900	31,299	179	NA	NA

Załącznik A1

Intel Core i9-12900T	31,178	180	63.76	\$489.00*
AMD Ryzen 9 7940HS	31,162	181	NA	NA
Intel Core i7-12700F	31,098	182	109.12	\$284.99
AMD EPYC 7371	31,094	184	50.97	\$609.99
AMD Ryzen 9 7940H	31,094	183	NA	NA
Intel Core i9-13905H	31,086	185	44.60	\$697.00*
Intel Core i9-13900HK	31,068	186	44.57	\$697.00*
Intel Core i7-12700	31,062	187	95.43	\$325.49
AMD Ryzen 9 3900	30,826	188	61.16	\$504.05
AMD Ryzen 7 7840HS	30,763	189	NA	NA
Intel Xeon Platinum 8171M @ 2.60GHz	30,632	190	NA	NA
AMD EPYC Embedded 7292P	30,542	191	NA	NA
Intel Core i7-12850HX	30,499	192	71.26	\$428.00*
Intel Xeon W-2295 @ 3.00GHz	30,483	193	18.25	\$1,670.26*
Intel Core i9-13900H	30,469	194	49.38	\$617.00*
Intel Xeon Gold 6246R @ 3.40GHz	30,468	195	15.30	\$1,991.93
Intel Xeon Platinum 8259CL @ 2.50GHz	30,463	196	NA	NA
Intel Core i9-7980XE @ 2.60GHz	30,417	197	39.34	\$773.28
Intel Xeon W-3245 @ 3.20GHz	30,317	198	11.30	\$2,683.99*
Intel Core i9-9990XE @ 4.00GHz	30,162	199	13.94	\$2,163.00*
Intel Xeon W-3265 @ 2.70GHz	30,105	200	6.61	\$4,551.37*
AMD Ryzen Threadripper 2970WX	30,097	201	20.92	\$1,439.00
Intel Core i9-9960X @ 3.10GHz	30,010	202	21.46	\$1,398.11