

# CPU Benchmarks

Over 1,000,000 CPUs benchmarked

## High End CPUs - Intel vs AMD

This chart comparing high end CPUs is made using thousands of [PerformanceTest](#) benchmark results and is updated daily. These are the high end AMD and Intel CPUs are typically those found in newer computers. The chart below compares the performance of Intel Xeon CPUs, Intel Core i7/i9 CPUs, AMD Ryzen/Threadripper CPUs and AMD Epyc with multiple cores. Intel processors vs AMD chips - find out which CPUs performance is best for your new gaming rig or server!

CPU Mark	Price Performance
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### PassMark - CPU Mark

High End CPUs  
Updated 6th of May 2026

CPU	CPU Mark	Price (USD)
AMD Ryzen Threadripper PRO 9995WX	173,359	NA
AMD EPYC 9755	166,328	\$12,984.00*
AMD EPYC Embedded 9755	164,010	NA
AMD EPYC 9965	160,542	\$14,813.00*
AMD EPYC 9655P	160,490	\$10,811.00*
AMD EPYC 9B45	158,790	\$13,564.00*
AMD EPYC 9655	156,110	\$11,852.00*
AMD EPYC 9845	152,985	\$13,564.00*
AMD Ryzen Threadripper PRO 9985WX	151,377	\$7,999.00*
AMD EPYC 9575F	147,998	\$7,687.00*
AMD Ryzen Threadripper 9980X	143,003	\$4,949.99*
AMD Ryzen Threadripper PRO 7995WX	141,126	\$9,879.97*
AMD EPYC 9555P	135,990	\$7,983.00*
AMD Ryzen Threadripper 7980X	135,642	\$4,858.99*
AMD EPYC 9565	135,221	\$10,486.00*
AMD EPYC 9555 Emb	133,832	NA
AMD Ryzen 7		\$7,858.02*
AMD EPYC 9		\$12,141.00*

## CPU Benchmarks

Intel Xeon 6960P	130,659	\$9,625.00*
AMD EPYC 9J14	124,637	NA
AMD EPYC 9684X	122,017	\$7,750.00*
AMD EPYC 9B14	119,505	NA
AMD EPYC 9654	119,235	\$5,048.95
Intel Xeon 6781P	117,946	\$8,960.00*
AMD EPYC 9654P	117,647	\$5,345.00*
AMD EPYC 9V74	117,606	NA
AMD EPYC Embedded 9654P	116,927	NA
AMD EPYC 9455P	116,927	\$4,819.00*
AMD EPYC 9R14	116,475	NA
AMD EPYC 9754 Emb	115,016	NA
AMD EPYC 9535	114,528	\$7,439.00*
AMD EPYC 9D25	114,275	NA
AMD EPYC 9455 Emb	111,385	NA
AMD EPYC 9634	107,944	\$3,949.99*
AMD Ryzen Threadripper 9970X	106,971	\$2,385.00*
Intel Xeon 696X	104,974	\$5,599.00*
AMD EPYC 9554P	104,920	\$4,550.00*
AMD Ryzen Threadripper PRO 9975WX	104,880	\$3,924.00*
AMD EPYC 9554	102,607	\$3,393.50
AMD EPYC 9734	102,286	\$6,598.00*
AMD EPYC 9474F	102,255	\$6,203.66*
Intel Xeon 6747P	101,685	\$6,497.00*
Intel Xeon 6741P	100,660	\$4,421.00*
AMD Ryzen Threadripper 7970X	99,289	\$1,999.99*
Intel Xeon w9-3595X	98,476	\$5,889.00*
AMD EPYC 9754	98,450	\$5,498.95
AMD EPYC 9355P	97,235	\$2,998.00*
AMD EPYC 9375F	95,768	\$5,306.00*
AMD Ryzen Threadripper PRO 7975WX	95,460	\$3,929.32*
Intel Xeon 678X	95,223	\$3,749.00*
AMD EPYC 9454P	94,708	\$3,450.00*
AMD Ryzen Threadripper PRO 5995WX	94,507	\$3,220.00*
Intel Xeon Platinum 8570	93,722	\$9,595.00*
AMD Ryzen Threadripper 9960X 24-Cores	92,740	NA
AMD Ryzen Threadripper PRO 9965WX	92,728	\$2,699.99*
Intel Xeon Platinum 8558P	91,879	NA
Intel Xeon w9-3495X	90,597	\$5,889.00*
Intel Xeon 676X	90,312	\$2,749.00*
AMD EPYC 7773X	90,279	\$1,563.00*
Intel Xeon Platinum 8470 @2.00GHz	89,850	\$9,359.00*
AMD EPYC 9534	89,492	\$3,649.95*
Intel Xeon Platinum 8488C	88,667	NA
Intel Xeon 6740P	88,061	\$4,650.00*
AMD EPYC 9454	87,961	\$3,250.00*
Intel Xeon 67		\$8,513.00*
Intel Xeon w9		\$3,789.00*
AMD EPYC 7		NA

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AMD EPYC 9275F	84,620	\$3,439.00*
Intel Xeon 674X	84,536	NA
Intel Xeon 6745P	84,210	\$5,250.00*
Intel Xeon Platinum 8592+	84,013	\$11,600.00*
AMD EPYC 7R43	83,535	NA
AMD Ryzen Threadripper 7960X	83,518	\$1,517.53*
AMD EPYC 7713	83,018	\$1,579.98
Intel Xeon Max 9480	82,913	\$920.40*
AMD Ryzen Threadripper PRO 3995WX	82,556	\$2,900.99*
AMD Ryzen Threadripper PRO 7965WX	82,173	\$2,699.21*
AMD EPYC 9374F	82,009	\$5,455.00*
AMD EPYC 7V13	81,764	NA
AMD EPYC 7T83	81,757	NA
AMD EPYC 7663P	81,725	\$3,139.00*
AMD EPYC 7663	81,717	NA
AMD EPYC 7713P	81,542	\$2,443.73*
AMD EPYC 7A23	81,296	NA
AMD EPYC 7K23	81,183	NA
AMD EPYC 7B13	80,079	NA
AMD EPYC 7V73X	79,738	\$2,999.95*
Intel Xeon Platinum 8568Y+	79,683	\$6,497.00*
AMD Ryzen Threadripper 3990X	79,683	\$2,997.00*
Intel Xeon 6737P	79,634	\$4,995.00*
AMD EPYC 7R13	79,164	NA
AMD EPYC 7643P	77,307	\$2,722.00*
AMD EPYC 9255	76,580	NA
AMD EPYC 7C13	76,392	NA
AMD EPYC 7643	76,259	\$1,267.00*
Intel Xeon 6740E	76,167	\$5,265.00*
AMD Ryzen Threadripper PRO 5975WX	75,006	\$1,840.00*
Intel Xeon Platinum 8461V	74,982	\$4,491.00*
Intel Xeon 6732P	74,849	\$5,295.00*
AMD EPYC 9354P	74,813	\$2,280.00*
AMD EPYC 9354	74,488	\$2,750.00*
AMD Ryzen 9 9950X3D2	74,323	NA
Intel Xeon 6730P	74,113	\$3,726.00*
AMD EPYC 9274F	73,982	\$2,490.00*
Intel Xeon Gold 6548Y+	73,387	\$3,726.00*
Intel Xeon Platinum 8480C	73,247	NA
Apple M3 Ultra 32 Core	72,776	NA
AMD EPYC 7662	72,298	\$4,579.00*
AMD EPYC 9384X	72,121	\$5,529.00*
Ampere Altra Max	72,121	NA
AMD EPYC 8534P	71,900	\$6,295.95*
Intel Xeon w7-3565X	71,140	\$2,894.13*
AMD EPYC 7V12	70,622	NA
Intel Xeon Gold 6548Y	70,555	\$3,658.00*
AMD Ryzen 9 7950X	70,555	\$629.00
AMD EPYC 7713	70,555	\$1,475.00*

AMD EPYC 7742	69,448	\$1,275.00
AMD EPYC 7573X	69,432	\$5,250.00*
 <b>CPU Benchmarks</b> ▼		
AMD EPYC 4585PX	68,862	\$1,642.00*
AMD EPYC 7702	68,811	\$2,570.04*
Intel Core Ultra 7 270K Plus	68,770	\$313.16
Intel Xeon Platinum 8571N	68,385	NA
Intel Xeon 658X	68,239	\$1,699.00*
Intel Xeon w7-3555	67,754	\$2,339.00*
AMD Ryzen Threadripper PRO 9955WX	67,424	\$1,626.00*
Intel Core Ultra 9 285K	67,286	\$569.99
AMD EPYC 9175F	66,796	\$4,256.00*
AMD Ryzen Threadripper PRO 5965WX	66,615	\$1,553.99*
AMD EPYC 7543P	66,590	\$5,104.00*
AMD EPYC 8434P	66,490	\$4,298.95*
Intel Core Ultra 9 290HX Plus	66,229	NA
AMD EPYC 7B12	66,044	NA
Intel Xeon w7-2595X	65,977	\$2,331.37*
AMD EPYC 9335	65,811	\$3,178.00*
Intel Xeon 6521P	65,762	\$1,250.00*
AMD Ryzen 9 9950X	65,753	\$499.00
AMD EPYC 9334	65,568	\$2,350.00*
AMD Ryzen 9 PRO 9965X3D 16-Core	65,194	NA
Intel Xeon Gold 6548N	64,783	\$3,875.00*
Intel Xeon w9-3475X	64,683	\$3,992.85*
Intel Xeon Platinum 8469C	64,513	NA
AMD EPYC 75F3	64,505	\$3,294.45
AMD EPYC 4564P	64,443	\$659.58*
AMD EPYC 4565P	64,067	\$668.02
AMD EPYC 9254	64,019	\$1,995.00*
AMD EPYC 7R32	63,969	NA
Intel Xeon 6520P	62,936	\$1,295.00*
AMD Ryzen Threadripper 3970X	62,892	\$1,599.99*
Intel Xeon Gold 6438Y+	62,660	\$3,141.00*
AMD Ryzen 9 9955HX3D	62,575	NA
Intel Xeon Platinum 8454H	62,347	\$6,540.00*
AMD Ryzen 9 7950X3D	62,318	\$626.99
Intel Xeon Platinum 8380 @ 2.30GHz	62,318	\$7,301.00*
AMD Ryzen Threadripper PRO 3975WX	62,298	\$1,399.99*
AMD Ryzen 9 7950X	62,192	\$521.01
AMD EPYC 7702P	62,165	\$1,550.00*
Intel Xeon 6710E	61,775	\$2,749.00*
Intel Xeon w7-3465X	61,600	\$3,077.93*
AMD EPYC 7543	61,463	\$3,761.00*
Intel Xeon 654	61,351	\$1,199.00*
Intel Xeon Gold 5520+	61,227	\$1,849.99*
Intel Core Ultra 9 290K Plus	60,860	NA
AMD EPYC 7702	60,855	\$2,398.95*
Intel Core i9-13900K	60,855	\$707.00
Intel Xeon Gold 6348	60,855	\$3,583.00*

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Intel Core i9-14900KS	60,196	\$810.50
Intel Xeon Gold 5512U	60,183	\$1,290.75*
AMD Ryzen Threadripper PRO 7955WX	60,075	NA
AMD EPYC 4584PX	59,990	\$1,218.87*
AMD EPYC 7K62	59,533	NA
Intel Xeon w7-3545	59,344	\$2,039.00*
AMD EPYC 7473X	59,280	NA
Intel Xeon W-3375 @ 2.50GHz	59,091	\$4,499.00*
AMD EPYC 7513	58,869	\$1,692.40*
Intel Xeon Gold 6421N	58,797	\$2,368.00*
AMD EPYC 7642	58,698	\$1,482.45*
Intel Core Ultra 7 265K	58,698	\$279.00
Intel Core Ultra 7 265KF	58,588	\$239.00
Intel Xeon Gold 6442Y	58,534	\$2,878.00*
Intel Core i9-14900K	58,362	\$469.00
Intel Core i9-14900KF	58,239	\$439.79
Intel Core i9-13900K	58,205	\$539.99*
AMD Ryzen 9 7945HX3D	57,757	NA
Intel Xeon Gold 5420+	57,753	\$1,848.00*
Apple M5 Pro 18 Core	57,683	NA
Intel Core Ultra 9 285	57,587	\$531.70*
Intel Core i9-13900KF	57,573	\$1,417.08
Intel Xeon w7-2495X	57,516	\$2,904.60*
Ampere ARM - 192 Core 3200 MHz	57,444	NA
Intel Xeon Gold 6423N	57,434	\$2,161.00*
AMD EPYC 7552	57,414	\$1,650.00*
Intel Core Ultra 9 285HX	57,373	NA
ARM Neoverse-V2 72 Core 3465 MHz	57,369	NA
Intel Xeon W-3365 @ 2.70GHz	57,312	\$3,851.00*
ARM Neoverse-V2 72 Core 3447 MHz	57,299	NA
ARM Neoverse-V2 72 Core 3519 MHz	57,240	NA
Intel Xeon Gold 6414U	57,200	\$2,296.00*
AMD EPYC 8324P	57,127	\$3,598.95*
Apple M5 Max 18 Core	57,028	NA
AMD EPYC 7443P	56,984	\$1,045.00*
AMD EPYC 9135	56,948	\$1,214.00*
Intel Xeon Platinum 8362 @ 2.80GHz	56,787	\$5,740.00*
AMD EPYC 7443	56,743	\$2,230.99*
ARM Neoverse-V2 96 Core 0 MHz	56,557	NA
ARM Neoverse-V2 72 Core 3411 MHz	56,337	NA
AMD Ryzen 9 9900X3D	56,224	\$569.00*
Intel Xeon Platinum 8375C @ 2.90GHz	56,202	NA
AMD Ryzen Threadripper PRO 9945WX	56,125	NA
Intel Core Ultra 9 275HX	55,912	NA
AMD Ryzen 9 9955HX	55,854	NA
Intel Xeon 638	55,651	NA
AMD Ryzen 7 7800X3D	55,647	NA
AMD Ryzen 7 7800X	55,647	\$870.99*
Intel Xeon w7	55,647	\$2,489.00*


**CPU Benchmarks**

AMD Ryzen 9 9900X	54,427	\$369.00
Intel Xeon Platinum 8358 @ 2.60GHz	54,416	\$4,298.95
AMD Ryzen 9 7945HX	54,135	NA
AMD EPYC 9174F	54,089	\$2,275.00*
Intel Xeon w5-3535X	54,088	\$1,960.94*
Intel Xeon Platinum 8360Y @ 2.40GHz	54,078	\$2,799.97*
AMD Ryzen 9 7940HX	53,369	NA
Intel Core Ultra 5 250K Plus	53,301	\$189.00*
Intel Xeon Gold 6430	53,066	\$1,849.87*
Intel Xeon w7-2575X	52,951	\$1,953.52*
AMD EPYC 7F72	52,840	\$938.40*
Intel Xeon w7-2475X	52,816	\$1,906.93*
Intel Xeon Gold 6438N	52,789	\$3,351.00*
AMD EPYC 7502	52,427	\$825.00*
Intel Xeon w5-2565X	52,341	\$1,551.64*
Intel Core Ultra 5 250KF Plus	52,264	\$174.00*
Intel Core i7-14700KF	52,130	\$341.99*
Intel Core i7-14700K	52,032	\$366.99*
Intel Xeon Gold 6348 @ 2.60GHz	51,843	\$2,097.00*
AMD Ryzen AI Max+ Pro 395	51,772	NA
AMD Ryzen 9 9850HX	51,722	NA
Intel Xeon Gold 6418H	51,711	\$2,065.00*
AMD Ryzen 9 8945HX	51,649	NA
AMD EPYC 7502P	51,366	\$1,298.95*
AMD Ryzen 9 7900X	51,280	\$327.99
Intel Xeon 6724P	50,959	\$3,622.00*
Apple M2 Ultra 24 Core	50,875	NA
Intel Xeon Gold 6554S	50,777	\$2,836.25*
AMD EPYC 7532	50,765	\$225.00
AMD EPYC 7413	50,641	\$1,375.00*
AMD EPYC 4484PX	50,547	NA
Intel Xeon Gold 5412U	50,314	\$1,113.00*
AMD Ryzen 9 7900X3D	50,211	\$1,722.17
Intel Xeon Platinum 8562Y+	50,189	\$5,945.00*
AMD Ryzen 9 8940HX	50,171	NA
Intel Xeon 6736P	50,072	NA
Intel Xeon 6517P	49,963	\$1,195.00*
Intel Xeon Gold 6544Y	49,944	\$5,598.95*
AMD EPYC 4465P	49,871	\$420.19*
Apple M5 Pro 15 Core	49,759	NA
Intel Core Ultra 7 265	49,704	\$326.81*
AMD Ryzen Threadripper PRO 7945WX	49,673	NA
Intel Core Ultra 7 265F	49,535	\$276.00*
Intel Xeon Platinum 8347C @ 2.10GHz	49,386	NA
Intel Xeon Gold 6444Y	49,303	\$3,622.00*
Intel Xeon Gold 6530	49,085	\$1,846.50*
Montage Jinti		NA
Intel Xeon w7		\$1,989.00*
AMD EPYC 9		\$1,790.00*

## CPU Benchmarks

AMD EPYC 9115	48,936	\$726.00*
Intel Core Ultra 7 255HX	48,934	NA
Intel Xeon Gold 6314U @ 2.30GHz	48,916	\$2,782.00*
AMD EPYC Embedded 8224P	48,869	NA
AMD Ryzen Threadripper PRO 5955WX	48,798	\$999.99
AMD Ryzen 9 PRO 9945	48,634	NA
Intel Core Ultra 7 265HX	48,517	NA
AMD EPYC 7453	48,453	\$1,253.00*
Intel Core i9-13900F	48,404	\$558.00
Intel Xeon Platinum 8351N @ 2.40GHz	48,267	\$3,239.00*
Intel Xeon W-3345 @ 3.00GHz	48,140	\$2,499.00*
AMD EPYC 9184X	48,058	\$3,750.00*
AMD Ryzen 9 7900	48,051	\$392.99*
AMD EPYC 4464P	47,383	NA
ARM Ampere-1a 192 Core 2600 MHz	47,202	NA
Intel Xeon w5-2555X	47,152	\$1,069.00*
AMD Ryzen 9 PRO 7945	47,077	\$802.78*
Intel Xeon Gold 6342 @ 2.80GHz	47,076	\$3,295.95*
Intel Core i9-14900F	46,695	\$586.77*
Intel Xeon Platinum 8368Q @ 2.60GHz	46,681	NA
AMD EPYC 73F3	46,103	\$2,331.10*
AMD EPYC 8224P	46,052	\$1,048.25*
AMD EPYC 7402	46,012	\$249.00*
Intel Core i7-13700K	45,705	\$1,139.51
Intel Xeon w5-3525	45,703	\$1,339.00*
Intel Xeon 6511P	45,687	\$815.00*
Intel Xeon Gold 5418Y	45,660	\$1,483.00*
AMD EPYC 7452	45,658	\$1,298.95*
Intel Core 9 273PQE	45,606	\$589.00*
Intel Core i9-13980HX	45,597	\$668.00*
Intel Core i7-13700KF	45,591	\$391.60*
Intel Xeon W-3175X @ 3.10GHz	45,520	\$3,039.28*
Intel Xeon Gold 6336Y @ 2.40GHz	45,517	\$2,500.00*
Snapdragon X2 Elite Extreme - X2E94100 - Qualc	45,385	NA
Intel Xeon 6515P	45,327	\$740.00*
AMD Ryzen 9 5950X	45,302	\$436.48
Intel Xeon w5-2465X	45,085	\$1,527.95*
AMD EPYC 7542	45,020	\$899.00*
Intel Xeon Gold 6538N	44,895	\$3,351.00*
Intel Core i9-14900	44,884	\$589.97*
Intel Core i9-13900	44,879	\$622.87
AMD Ryzen 9 7845HX	44,716	NA
AMD RYZEN AI MAX+ 392	44,601	NA
Intel Xeon w5-3435X	44,480	\$1,691.23*
Intel Core i9-14900HX	44,161	\$679.00*
Intel Xeon Max 9462	44,153	\$7,995.00*
Apple M4 Ma		NA
AMD Ryzen 9		\$284.99
AMD EPYC 7		\$832.01*