

# CPU Benchmarks

Over 1,000,000 CPUs Benchmarked



## CPU Mega List

Below is a list of all single and multiple socket CPU types that appear in the charts. By clicking the column headings you can sort the CPUs, you can also filter your search by selecting one of the drop down categories or by using the range sliders. Clicking on a specific processor name will take you to the chart it appears in and will highlight it for you.

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Columns

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CPU Name	▲▼	Min. - Max.	▼	Category	▲▼
AMD Ryzen Threadripper PRO 7950WX		153,038		Desktop	
AMD Ryzen Threadripper PRO 7965WX		135,433		Desktop	
AMD Ryzen Threadripper 7980X		134,223		Desktop	
[Dual CPU] AMD Ryzen Threadripper PRO 3975WX		113,893		Desktop, Server	
AMD Ryzen Threadripper 7970X		98,111		Desktop	
AMD Ryzen Threadripper PRO 7975WX		96,664		Desktop	
AMD Ryzen Threadripper PRO 5995WX		93,192		Desktop, Server	
AMD Ryzen Threadripper PRO 3995WX		83,697		Desktop, Server	
AMD Ryzen Threadripper 7960X		83,062		Desktop	
AMD Ryzen Threadripper 3990X		80,659		Desktop	
AMD Ryzen Threadripper PRO 7965WX		80,435		Desktop	
AMD Ryzen Threadripper PRO 5975WX		75,654		Desktop, Server	
AMD Ryzen Threadripper PRO 5965WX		66,686		Desktop, Server	
AMD Ryzen 9 9950X		66,306		Desktop	
Intel Core Ultra 9 285K		65,873		Desktop	
[Dual CPU] AMD Ryzen Threadripper PRO 3955WX		63,685		Desktop, Server	
AMD Ryzen Threadripper 3970X		63,122		Desktop	
AMD Ryzen 9 7950X		62,713		Desktop	
AMD Ryzen Threadripper PRO 3975WX		62,572		Desktop, Server	
AMD Ryzen 9 7950X3D		62,498		Desktop	
Intel Core i9-14900KS		62,449		Desktop	
Intel Core i9-13900KS		61,588		Desktop	
Intel Core Ultra 7 265K		60,244		Desktop	
Intel Core i9-14900K		60,224		Desktop	
AMD Ryzen Threadripper PRO 7955WX		59,861		Desktop	
Intel Core i9-14900KF		59,427		Desktop	
Intel Core i9-13900K		59,045		Desktop	
Intel Core i9-13900KF		58,381		Desktop	
AMD Ryzen Threadripper 3960X		54,897		Desktop	
AMD Ryzen 9 9900X		54,827		Desktop	
Intel Core i7-14700KF		53,478		Desktop	
AMD Ryzen 9 7940HX		53,399		Desktop, Laptop	
Intel Core i7-14700K		53,270		Desktop	
AMD Ryzen 9 7900X		51,722		Desktop	
Intel Core i9-13900F		51,189		Desktop	
AMD Ryzen 9 7900X3D		50,401		Desktop	
Apple M2 Ultra 24 Core		50,278		Desktop	
AMD Ryzen Threadripper PRO 5955WX		50,096		Desktop, Server	
AMD Ryzen Threadripper PRO 7945WX		49,599		Desktop	
AMD Ryzen 9 7900		48,853		Desktop	
Intel Core i9-14900		48,032		Desktop	
AMD Ryzen 9 PRO 7945		47,830		Desktop, Server	
Intel Core i9-14900F		47,158		Desktop	
Intel Core i9-13900		47,071		Desktop	
Intel Core i7-13700KF		46,592		Desktop	
Intel Core i7-13700K		46,431		Desktop	
Intel Core i7-13790F		46,309		Desktop	
AMD Ryzen 9 5950X		45,602		Desktop	
AMD Ryzen 9 5900XT		44,421		Desktop	
Intel Core i9-13900T		44,179		Desktop	
Intel Core i9-12900KS		44,021		Desktop	
Intel Core i7-14700F		43,657		Desktop	
Intel Core i7-14700		43,172		Desktop	
Intel Core Ultra 5 245K		42,561		Desktop	
Intel Core i9-12900K		41,475		Desktop	
Apple M1 Ultra 20 Core		41,175		Desktop	
Intel Core i9-12900KF		41,125		Desktop	
AMD Ryzen Threadripper PRO 5945WX		40,568		Desktop, Server	
AMD Ryzen Threadripper PRO 3955WX		40,299		Desktop, Server	
Intel Core i9-14900T		39,300		Desktop	
Intel Core i5-14600KF		39,273		Desktop	
AMD Ryzen 9 5900X		38,115		Desktop	
Intel Core i5-14600K		38,016		Desktop	
Intel Core i7-13700F		38,903		Desktop	
AMD Ryzen 9 3950X		38,748		Desktop	
Intel Core i5-13600K		37,944		Desktop	
Intel Core i5-13600KF		37,812		Desktop	
AMD Ryzen 7 9700X		37,359		Desktop	
Intel Xeon W-3175X @ 3.10GHz		37,167		Desktop	
Intel Core i7-13700		37,020		Desktop	
Intel Core i9-12900F		36,440		Desktop	
AMD Ryzen 7 7840HX		36,191		Desktop, Laptop	
AMD Ryzen 7 7700X		36,004		Desktop	
AMD Ryzen AI 9 HX 370		35,098		Desktop, Laptop	
AMD Ryzen 7 PRO 7745		34,652		Desktop, Server	
AMD Ryzen 7 7700		34,621		Desktop	
Intel Core i7-12700K		34,595		Desktop	
AMD Ryzen 9 PRO 5945		34,573		Desktop	
AMD Ryzen 9 5900		34,405		Desktop	
Intel Core i7-12700KF		34,330		Desktop	
Intel Core i9-12900		34,285		Desktop	
AMD Ryzen 7 7800X3D		34,273		Desktop	
Intel Xeon W-3265M @ 2.70GHz		33,800		Desktop, Server	
Intel Core i5-14600		33,689		Desktop	
AMD Ryzen Threadripper PRO 3945WX		33,535		Desktop, Server	
AMD Ryzen AI 9 HX 375		32,843		Desktop, Laptop	
Intel Core i9-10980XE @ 3.00GHz		32,787		Desktop	
AMD Ryzen 9 3900XT		32,670		Desktop	
AMD Ryzen 9 3900X		32,621		Desktop	
Intel Core i5-14500		32,277		Desktop	
AMD Ryzen Threadripper 2990WX		32,193		Desktop, Server	
Intel Core i5-13600		32,042		Desktop	
Intel Core i9-9980XE @ 3.00GHz		31,979		Desktop	
AMD Ryzen 7 PRO 8700G		31,897		Desktop	
Intel Core i5-13500		31,860		Desktop	
AMD Ryzen 7 8700G		31,799		Desktop	
AMD Ryzen 9 3900		31,616		Desktop	
Intel Core i7-14700T		31,497		Desktop	
AMD Ryzen 7 8700F		30,973		Desktop	
AMD Ryzen 9 PRO 8945HS		30,951		Desktop, Laptop, Server	
AMD Ryzen 9 3900		30,795		Desktop	
Intel Core i7-12700		30,769		Desktop	
Intel Core i7-12700F		30,683		Desktop	
AMD Ryzen Threadripper 2970WX		30,653		Desktop, Server	
Intel Core i9-9960X @ 3.10GHz		30,254		Desktop	
Intel Core i9-9960XE @ 4.00GHz		30,162		Desktop	
Intel Core i9-7960XE @ 2.60GHz		30,112		Desktop	
AMD Ryzen 5 9600X		30,089		Desktop	
Intel Core i9-12900T		30,056		Desktop	
AMD Ryzen 9 8945H		29,965		Desktop, Laptop	
AMD Ryzen 7 5800XT		29,849		Desktop	
AMD Ryzen Threadripper 2950X		29,437		Desktop	
AMD Ryzen 9 8945HS		29,395		Desktop, Laptop	
Intel Core i7-12700E		29,384		Desktop, Mobile/Embedded	
AMD Ryzen AI 9 365		29,225		Desktop, Laptop	
AMD Ryzen 7 PRO 8845HS		29,199		Desktop, Laptop, Server	
AMD Ryzen 7 8845HS		28,928		Desktop, Laptop	
Intel Core i9-7960X @ 2.80GHz		28,923		Desktop	
Intel Core i5-14490F		28,862		Desktop	
AMD Ryzen 5 7600X		28,471		Desktop	
AMD Ryzen 5 7600X3D		28,300		Desktop	
Intel Core i9-9940X @ 3.30GHz		27,975		Desktop	
Intel Core i5-12600KF		27,911		Desktop	
Intel Core i9-10940X @ 3.30GHz		27,884		Desktop	
Intel Xeon W-2275 @ 3.30GHz		27,866		Desktop	
AMD Ryzen 7 5800X		27,847		Desktop	
AMD Ryzen 7 8845H		27,731		Desktop, Laptop	
Intel Core i5-12600K		27,697		Desktop	
[Dual CPU] Hygon CB6 S316 16-core		27,680		Desktop	
AMD Ryzen 7 PRO 8700G		27,646		Desktop	
AMD Ryzen Threadripper 1950X		27,600		Desktop	
Intel Core i5-13490F		27,559		Desktop	
Intel Core i7-13700T		27,439		Desktop	
AMD Ryzen 5 7600		27,094		Desktop	
AMD Ryzen 5 7500F		26,956		Desktop	
Intel Core i5-13600T		26,912		Desktop	
AMD Ryzen 7 5700X		26,657		Desktop	
AMD Ryzen 7 PRO 8840HS		26,620		Desktop, Laptop	
AMD Ryzen 7 5700X3D		26,337		Desktop	
Intel Core i9-10920X @ 3.50GHz		26,166		Desktop	
AMD Ryzen 5 7600X3D		26,074		Desktop	
AMD Ryzen 7 PRO 8845		25,961		Desktop	
Intel Core i9-7940X @ 3.10GHz		25,944		Desktop	
Intel Xeon W-3323 @ 3.50GHz		25,875		Desktop, Server	
AMD Ryzen Threadripper 2990X		25,874		Desktop	
Intel Core i5-14400F		25,767		Desktop	
AMD Ryzen 7 5800		25,761		Desktop	
Intel Core i5-14400		25,621		Desktop	
AMD Ryzen Threadripper 2920X		25,444		Desktop	
AMD Ryzen 5 8600G		25,390		Desktop	
AMD Ryzen 5 PRO 8600G		25,288		Desktop	
Intel Xeon W-1390P @ 3.50GHz		25,240		Desktop, Server	
Intel Core i9-11900K @ 3.50GHz		25,230		Desktop	
Intel Core i5-13400F		25,178		Desktop	
Intel Core i9-9920X @ 3.50GHz		25,163		Desktop	
Intel Core i5-14600T		25,110		Desktop	
Intel Core i9-11900KF @ 3.50GHz		25,004		Desktop	
Intel Core i5-14400T		24,598		Desktop	
Intel Core i7-11700K @ 3.60GHz		24,585		Desktop	
AMD Ryzen 7 5700G		24,552		Desktop	
AMD Ryzen 7 8840HS		24,445		Desktop, Laptop	
AMD Ryzen 7 PRO 5750G		24,436		Desktop	
Intel Core i5-14500T		24,372		Desktop	
AMD Ryzen 7 5700		24,268		Desktop	
AMD Ryzen 5 PRO 8600GE		24,262		Desktop	
Intel Core i7-11700KF @ 3.60GHz		23,922		Desktop	
AMD Ryzen 7 8840U		23,844		Desktop, Laptop	
AMD Ryzen 7 7435HS		23,816		Desktop, Laptop	
AMD Ryzen 7 PRO 8840U		23,772		Desktop, Laptop, Server	
Intel Core i9-7920X @ 2.90GHz		23,651		Desktop	
AMD Ryzen 5 8400F		23,635		Desktop	
AMD Ryzen 7 3800XT		23,604		Desktop	
Intel Xeon W-1370P @ 3.60GHz		23,306		Desktop, Server	
Intel Core i5-13500T		23,220		Desktop	
Intel Core i5-13400		23,170		Desktop	
AMD Ryzen 7 3800X		23,142		Desktop	
AMD Ryzen Threadripper 1920X		23,078		Desktop	
Intel Xeon W-1370 @ 2.90GHz		22,926		Desktop, Server	
Intel Core i9-11900KB @ 3.30GHz		22,917		Desktop	
AMD Ryzen 7 PRO 3700		22,899		Desktop	
Intel Core i9-10900K @ 3.70GHz		22,773		Desktop	
Intel Core i9-11900 @ 2.50GHz		22,725		Desktop	
AMD Ryzen 5 8645HS		22,669		Desktop, Laptop	
AMD Ryzen 7 3700X		22,543		Desktop	
Intel Core i7-11700B @ 3.20GHz		22,535		Desktop	
Intel Core i9-10900KF @ 3.70GHz		22,516		Desktop	
Intel Core i9-10900X @ 3.70GHz		22,476		Desktop	
AMD Ryzen 7 5700GE		22,436		Desktop	
Intel Xeon W-2255 @ 3.70GHz		22,387		Desktop, Server	
Intel Core i9-10850K @ 3.60GHz		22,377		Desktop	
AMD Ryzen 5 PRO 8500G		22,362		Desktop	
Intel Core i9-11900F @ 2.50GHz		22,281		Desktop	
AMD Ryzen 5 PRO 8500GE		22,195		Desktop	
Apple M1 Max 10 Core 3200 MHz		22,075		Desktop, Laptop	
AMD Ryzen Threadripper 1920		22,066		Desktop	
AMD Ryzen 5 PRO 8640HS		22,041		Desktop, Laptop, Server	
AMD Ryzen 5 5600X3D		21,953		Desktop	
AMD Ryzen 5 PRO 5645		21,904		Desktop	
AMD Ryzen 5 5600X		21,888		Desktop	
AMD Ryzen 7 PRO 5750GE		21,884		Desktop	
Apple M1 Pro 10 Core 3200 MHz		21,884		Desktop, Laptop	
Intel Core i9-9900X @ 3.50GHz		21,851		Desktop	
AMD Ryzen 5 8500G		21,747		Desktop	
Apple M2 Pro 10 Core 3480 MHz		21,723		Desktop, Laptop	
AMD Ryzen 5 5600		21,575		Desktop	
Intel Core i9-10910 @ 3.60GHz		21,476		Desktop	
Intel Core i7-12700T		21,332		Desktop	
AMD Ryzen 5 PRO 7640U		21,287		Desktop, Laptop	
Intel Core i5-12600		21,277		Desktop	
Intel Core i9-7900X @ 3.30GHz		21,065		Desktop	
AMD Ryzen 5 8500GE		21,042		Desktop	
Intel Core i7-7900X @ 3.30GHz		21,008		Desktop	
Intel Core i7-11700F @ 2.50GHz		20,996		Desktop	
AMD Ryzen 5 8640U		20,971		Desktop, Laptop	
AMD Ryzen 5 PRO 5650G		20,771		Desktop	
Intel Core i5-13400T		20,489		Desktop	
AMD Ryzen 7 PRO 4750G		20,450		Desktop	
Intel Core i5-12490F		20,337		Desktop	
AMD Ryzen 5 5600GT		20,307		Desktop	
AMD Ryzen 5 5500GT		20,241		Desktop	
Intel Core i9-9820X @ 3.30GHz		20,212		Desktop	
AMD Ryzen 7 4700G		20,138		Desktop	
Intel Core i9-10900F @ 2.80GHz		19,948		Desktop	
Intel Core i5-12500		19,908		Desktop	
AMD Ryzen 5 5600G		19,875		Desktop	
Intel Core i9-10900 @ 2.80GHz		18,835		Desktop	
AMD Ryzen 7 4700GE		18,831		Desktop	
AMD Ryzen 7 PRO 4700G		19,786		Desktop	
Intel Core i7-11					