

# CPU Comparison Table

	Brand	Name	Speed	Cores	Threads	Socket	Max Mem	Price
Desktop	Intel	Core i9-12900K	3.2 GHz – 2.4 GHz	16	24	LGA 1700	128 GB	\$599.97
	Intel	Core i7-12700K	3.6 GHz – 2.7 GHz	12	20	LGA 1700	128 GB	\$449.99
	Intel	Core i5-12600K	3.7 GHz – 2.8 GHz	10	16	LGA 1700	128 GB	\$258.99
	AMD	Ryzen 9 5900X	3.7 GHz	12	24	Socket AM4	128 GB	\$394.98
	AMD	Ryzen 7 5800X	3.8 GHz	8	16	Socket AM4	128 GB	\$359.00
	AMD	Ryzen 5 5600X	3.7 GHz	6	12	Socket AM4	128 GB	\$229.00
Mobile	Intel	Core 17-940XM Extreme Edition	2.13 GHz	4	8	Socket G1	8 GB	\$129.99
	Intel	Core 15-560M	2.66 GHz	2	4	Socket G1	8 GB	\$185.16
	Intel	Pentium M 740	1.73 GHz	1	1	Socket 479	4 GB	\$20.00
	AMD	Ryzen 9 6980HX	3.3 GHz	8	16	FP7	64 GB	
	AMD	Ryzen 7 6800H	3.2 GHz	8	16	FP7	32 GB	
	AMD	Ryzen 5 6600H	3.3 GHz	6	12	FP7	16 GB	
Server	Intel	Xeon E3110	3.0 GHz	2	2	LGA 775	16 GB	\$297.00
	Intel	Xeon E3-1230 V2	3.3 GHz	4	8	LGA 1155	32.77 GB	\$180.00
	Intel	Xeon E3-123V3	3.4 GHz	4	8	LGA 1150	32 GB	\$97.99
	AMD	EPYC 7742	2.25 GHz	64	128	Socket SP3	4 TB	\$7,764.00
	AMD	Opteron 6320	2.8 GHz	8	8	Socket G34	16 GB	\$299.00
	AMD	Opteron 6272	2.1 GHz	16	16	Socket G34	64 GB	\$96.76