

# Intel launches 10th-generation Core X-series processors, the most powerful model with 18 cores priced under \$ 1,000

The strongest model is the Core i9-10900XE 3GHz (accelerated to 4.8 GHz) with 18 cores and 36 processing threads.

With Intel's newly released 10th-generation Core X-series processor series, gamers will not have to spend too much money to equip their gaming PC with an Intel Core X chip with 18 cores .

The strongest model is the Core i9-10900XE 3GHz (accelerated to 4.8 GHz) with 18 cores and 36 processing threads. This model is priced at \$ 979, although much better than the \$ 2,000 price for an 18-core processor before, but still a bit high compared to most common users.



Other models include Intel Core i9-10900XE, Core i9-10920XE, 14-core i9-10940XE, priced at US \$ 590, US \$ 689 and US \$ 784, respectively.

### NEW INTEL® CORE™ X-SERIES PROCESSOR DETAILS

PROCESSOR NUMBER	BASE CLOCK SPEED (GHZ)	INTEL® TURBO BOOST TECHNOLOGY 2.0 FREQUENCY (GHZ)	ALL CORE TURBO SPEED (GHZ)	INTEL® TURBO BOOST MAX TECHNOLOGY 3.0 FREQUENCY (GHZ)	CORES/ THREADS	L3 CACHE	TOTAL PLATFORM PCIe® 3.0 LANES	UNLOCKED**	TDP	MEMORY SUPPORT†	INTEL® OPTANE™ MEMORY SUPPORT***	RCP PRICING (USD 1K)
Intel® Core™ i9-10980XE Extreme Edition	3.0	4.6	3.8	4.8	18/36	24.75 MB	Up to 72	✓	165W	Four Channels DDR4-2933	✓	\$979
Intel® Core™ i9-10940X X-series	3.3	4.6	4.1	4.8	14/28	19.25 MB	Up to 72	✓	165W	Four Channels DDR4-2933	✓	\$784
Intel® Core™ i9-10920X X-series	3.5	4.6	4.3	4.8	12/24	19.25 MB	Up to 72	✓	165W	Four Channels DDR4-2933	✓	\$689
Intel® Core™ i9-10900X X-series	3.7	4.5	4.3	4.7	10/20	19.25 MB	Up to 72	✓	165W	Four Channels DDR4-2933	✓	\$590

There aren't any impressive clock improvements in Intel's new Core X-series processors, though the turbo clock in 12/14/18 cores increases to 4.8Ghz.

The new Core X-series processors not only have a higher Turbo Boost Max 3.0 speed, but also support up to 256GB of DDR4 2,933 MHz RAM, 72 PCIe 3.0 lanes, Deep Learning Boost. This is to upgrade AI and help connect wifi 6 with faster speed.

According to Intel, the 10th-generation Core X-series will officially hit shelves in November. This new product line is Intel's response to AMD for its low-cost Ryzen processors with strong performance.

1. AMD breaks the world performance record with its EPYC 7742 dual-core processor, 128 cores and 256 threads
2. This is why you will choose AMD's latest 3rd generation Ryzen CPUs instead of Intel chips

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