

# AMD launches Ryzen 9: 12-core CPU, PCIe 4.0, for \$ 499

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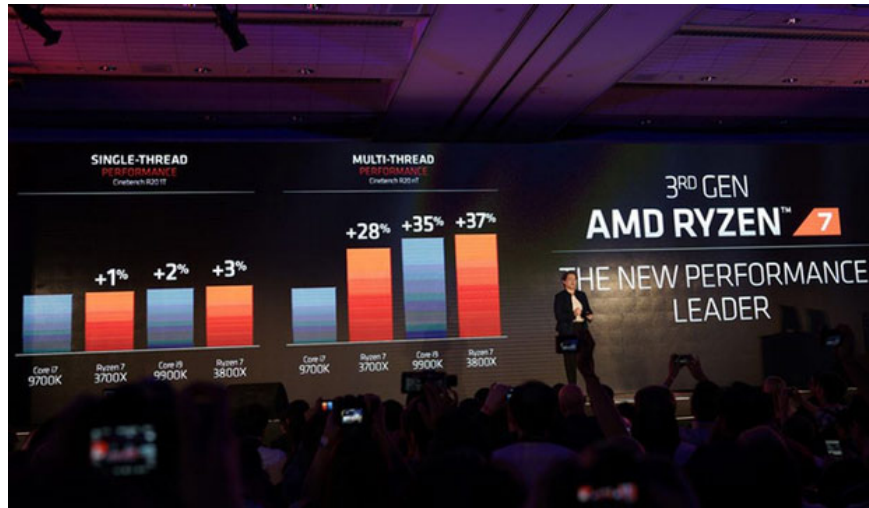
The most prominent is the Ryzen 9 3900X CPU, the most powerful CPU in the new series, with 12 cores, 24 threads and the price is only 499USD, less than half of the 12-core Intel i9-9920X (\$ 1,189). Ryzen 9 3900X is up to 16% faster when rendering via Blender software and consumes only 105W less than 165W of Intel CPU.

Ryzen 9 3900X has a 3.8GHz clock that can boost to 4.6GHz, 70MB cache and 105W TDP.



Ryzen 7 3800X has 8 cores and 16 streams, speeds of 3.9 GHz / 4.5 GHz, 36MB cache, 105W TDP, costing 399 USD.

Ryzen 7 3700X has 8 cores, TDP 65W with 15% speed improvement in single-threaded Cinebench R20 test and 18% faster while multithreading. The selling price is 329USD.



Ryzen 5 3000 series has 6 cores and 12 lines, with two models of Ryzen 5 3600 (3.6GHz clock, up to 4.2GHz, 65W TDP and also 35MB cache) and Ryzen 5 3600X (3.8GHz clock can boost to 4.4Ghz and 95TW TDP, cache 35MB).

The 3rd generation Ryzen CPU will be sold by AMD from July 7.

CPU Name	Ryzen 5 3600	Ryzen 5 3600X	Ryzen 7 3700X	Ryzen 7 3800X	Ryzen 9 3900X
Cores/Threads	6/12	6/12	8/16	8/16	12/24
Base Clock	3.6 GHz	3.8 GHz	3.5 GHz	3.6 GHz	3.8 GHz
Boost Clock	4.2 GHz	4.4 GHz	4.4 GHz	4.5 GHz	4.6 GHz
Cache	35 MB	35 MB	36 MB	36 MB	70 MB
PCIe Lanes (Gen 4 CPU+PCH)	40	40	40	40	40
TDP	65W	95W	65W	105W	105W
Price	\$199 US	\$249 US	\$329 US	\$399 US	\$499 US

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