

# AMD's Ryzen Threadripper 2990WX achieved 6Ghz overlocking speed on all 32 cores, breaking many records

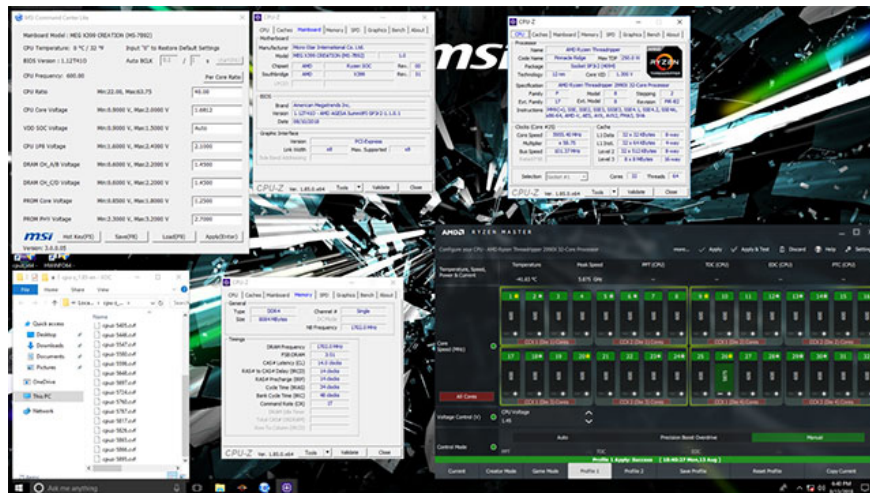
The new AMD Ryzen Threadripper 2900 processor is launched with an impressive overlocking speed.

The new AMD Ryzen Threadripper 2900 processor is launched with an impressive overlocking speed. Owing 32 cores, 64 threads, the Ryzen Threadripper 2990WX is a giant chip and thanks to its nitrogen cooling liquid, the ability to overclock the chip to an unexpected limit.

## Ryzen Threadripper 2990WX overlocked to 6Ghz speed thanks to LN2 Cooling

Ivan Cupa, an Indian overlocking expert, achieved a speed of 5955.4MHz on the Ryzen Threadripper 2990WX, made on the MSI MEG X399 Creation motherboard with 1500W Corsair power and cooling liquid nitrogen.

This is an impressive number with a 32-core, 64-threaded CPU. Besides reaching a world record of 6Ghz speed, Alva Jonathan also achieved a record of 5.4Ghz overlocking on all 32 cores of 2990WX. The chip currently holds the record of GPUPI and the world record of HWBOT x265 Benchmark (4K Run).



*Upon launch, this chip was scoured by the 'whole village' for inspection*

This is a list of official records achieved by Ryzen Threadripper 2990WX:

1. CPU Frequency - 5955.4 MHz [Ivancupa]

2. wPrime 32m - 1 second 950 milliseconds [Littleboy]
3. wPrime 1024m - 18 seconds 420 milliseconds [Benchbros]
4. Cinebench R11.5 - 52.67 points [Microwilli]
5. Cinebench R15 - 8532 CB [Sampson]
6. GPUPi v3.3 for CPU 1B - 40 seconds 706 milliseconds [Benchbros]
7. GPUPi for CPU 1B - 37 seconds 131 milliseconds [Lucky\_n00b]
8. HWBOT x265 Benchmark 4k - 29,363 fps [Lucky\_n00b]
9. Geekbench3 Multi-Core - 115579 points [Benchbros]

Cinebench R15's score is very interesting because Intel's 28-core, 56-threaded CPU was introduced at Computex only 7334. In addition, Intel chip also only overclocked to 5GHz with the same high-end cooler LN2 is used on 2990WX. These new chip reviews all made positive comments, calling this a 'monster' really.

Here are the details of the AMD Ryzen Threadripper 2000 series.

AMD Ryzen Threadripper 2990WX AMD Ryzen Threadripper 2970WX AMD Ryzen Threadripper 2950X AMD Ryzen Threadripper 2920X AMD 2nd Gen Threadripper CPU (COFLAX) AMD 2nd Gen Threadripper (COFLAX) AMD 2nd Gen Threadripper (COFLAX) AMD 2nd Gen Threadripper (COFLAX) 12nm Zen + 12nm Zen + CPU Architecture 12nm Zen + 12nm Zen + Core / Thread 32/64 24/48 16/32 12/24 Basic Speed ?? 3.0 GHz 3.0 GHz 3.5 GHz 3.5 GHz Overclocking speed 4.2 GHz 4.2 GHz 4.4 GHz 4.3 GHz Cache (L3) 64 MB 64 MB 64 MB 64 MB Buffer memory (L2) 16 MB 12 MB 8 MB 6 MB Thermal exit power 250W 250W 180W 180W TR4 platform X399 TR4 X399 TR4 X399 TR4 X399 Price \$ 1799 US \$ 1299 US \$ 899 US \$ 649 US  
See more:

1. Nvidia Turing - The first GPU to own a new generation architecture that helps detect beams in real time
2. What is AMD Radeon installation?
3. AMD released the 2nd generation Ryzen computer processor with SenseMI technology

You finished reading the article "**AMD's Ryzen Threadripper 2990WX achieved 6Ghz overclocking speed on all 32 cores, breaking many records**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.