

Intel i7-9700K chip reaches 5.5Ghz speed on all 8 cores, with water cooled

There were users who got the template and tested the capabilities of the i7-9700K chips.

While many are looking forward to the emergence of Intel's 9th generation Coffee Lake - S Refresh microprocessor, supposedly available in October, users have been able to get a prototype and test capabilities. of these chips.

In July, the i9-9900K chip had a higher benchmark than Ryzen 7 2700X and i7-8700K. Now, there is information about leaking the i7-9700K chip, which is said to reach 5.5Ghz overclocking speed on all 8 cores.

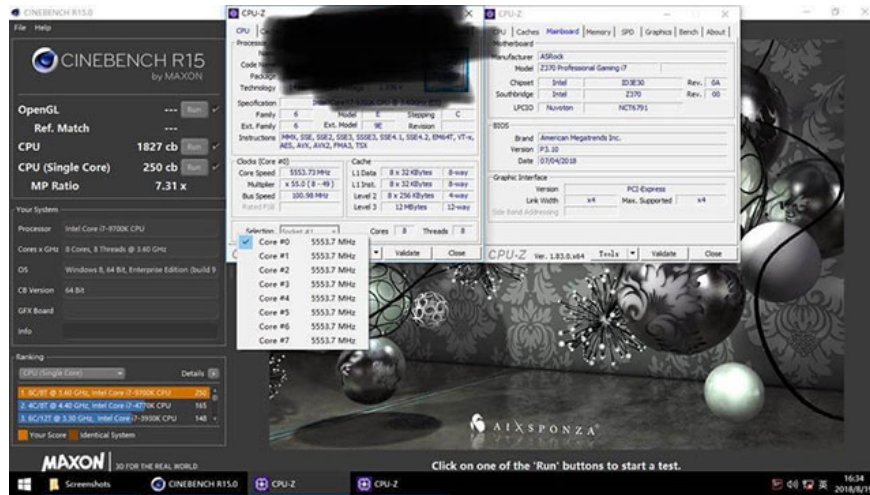
i7-9700K is an 8-core, 8-threaded chip, featuring super-threading only exclusively on Intel's high-end i9 chip line. Built on the 14nm ++ process, it has a clock speed of 2.6Ghz and can reach 4.6Ghz on all cores or 4.9Ghz on a core. It also has 12MB L3 cache and 95W heat escape capacity.

A Chinese website, ZOL, posted computer images using this chip, showing that i7-9700K runs ASRock Z370 Professional Gaming motherboard with DDR4-2133 RAM.



Machine uses Z370 motherboard

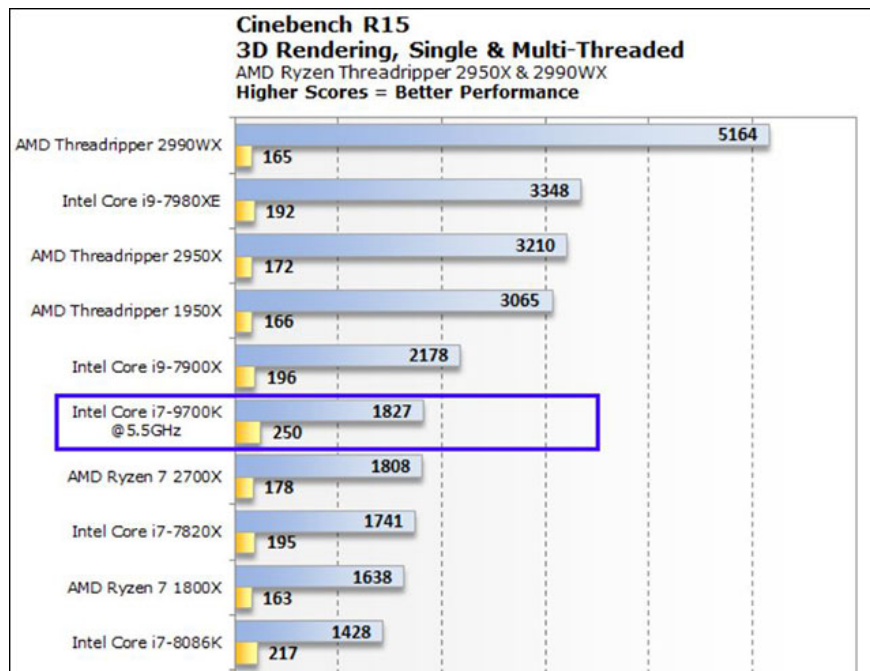
Another image shows the chip's Cinebench R15 benchmark. Accordingly it can overclock to 5.5537GHz on all 8 cores, using cooling water instead of liquid nitrogen. i9-9700K is a single core of 250 and multi-core is 1,827, though overclocked at 1.536V, a pretty high number.



Detailed benchmark image results chip i7-9700K

Compared to the 8-core i8-8700K (14nm process) 6-core, 12-thread, 3.7GHz to 4.7GHz, 12MB cache and 95W heat-release capacity, i7-9700K users will have more cores, less threaded, slightly lower speed, along with a few tweaks and optimizations.

Perhaps it will also be interesting to see if the upcoming Z390 chipset is coming for 9th generation CPUs to provide additional benefits when overclocking or not.



Cinebench R15 benchmark score on some high-end chips today

Even so, it still doesn't make much sense until the official chip is released to the market for users to check themselves.

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