

# Intel postponed the release of Cannon Lake 10nm chip

Mass production will shift to 2019 instead of the end of 2018 as originally planned.

Intel once again announced to postpone the release of next-generation processor Cannon Lake 10nm. Mass production will shift to 2019 instead of the end of 2018 as originally planned. Cannon Lake is the next name in Intel's 10nm architecture chip line, which is also the next step towards creating their smaller and faster processors.

Intel's Cannon Lake CPU uses a new 10nm process, which is expected to appear in 2016. Since then, rival TSMC has released a 10nm chip, Samsung is also releasing a second-generation 10nm chip. Samsung also has achieved 8nm processor manufacturing certification and by the time Cannon Lake appears, they are probably in production.

Intel said that their 10nm technology would be better than Samsung's and TSMC's, but even if that was true, they were too late. Intel still uses the 8th generation Coffee Lake chip, but CEO Brian Krzanich said that they have improved the 14nm to 70% speed compared to the first release.

Last year, when they launched the 8th generation chip, they broke the law when claiming that the new product line will incorporate many architectures. Finally, this line of products launches remakes of 7th-generation 14nm + chips (Kaby Lake R) and 14nm ++ (Coffee Lake) chips. Intel also promised 8th generation chips on Cannon Lake 10nm.



*Although it is not a matter of survival, perhaps Intel should not stumble*

This delay also shows that Moore's law is becoming less and less convincing. When the transistor size is smaller, companies like Intel can hardly keep the pace every 2 years as the law says. That's why we saw the release of Kaby Lake R, Coffee Lake and even Ryzen 2 of AMD - instead of making smaller chips, they improved their existing technologies.

1. AMD released the 2nd generation Ryzen computer processor with SenseMI technology
2. Intel brought its strongest chip, a Core i9 processor, to a laptop

Although delaying Cannon Lake had no effect on Intel's business (still impressive with quarterly revenue of \$ 16.07 billion), when assessing Ryzen 2 very well, AMD could take away the Which Intel's revenue next year. Moreover, it is reported that Apple stopped using Intel chips on Macs in 2020 to use its own chips. Not to mention the Specter and Meltdown vulnerabilities on the chip also make it difficult for Intel to delay the Cannon Lake any longer.

See more:

1. Intel allows virus scans on GPUs to run faster and improve battery life
2. Apple surpassed Intel because Intel just sat there
3. Apple will stop using Intel chips on Macs from 2020, switching to 'homegrown' chips.

You finished reading the article "**Intel postponed the release of Cannon Lake 10nm chip**" 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.