

Samsung's new Exynos chip revealed the feature of iPhone X will be available on Galaxy S9

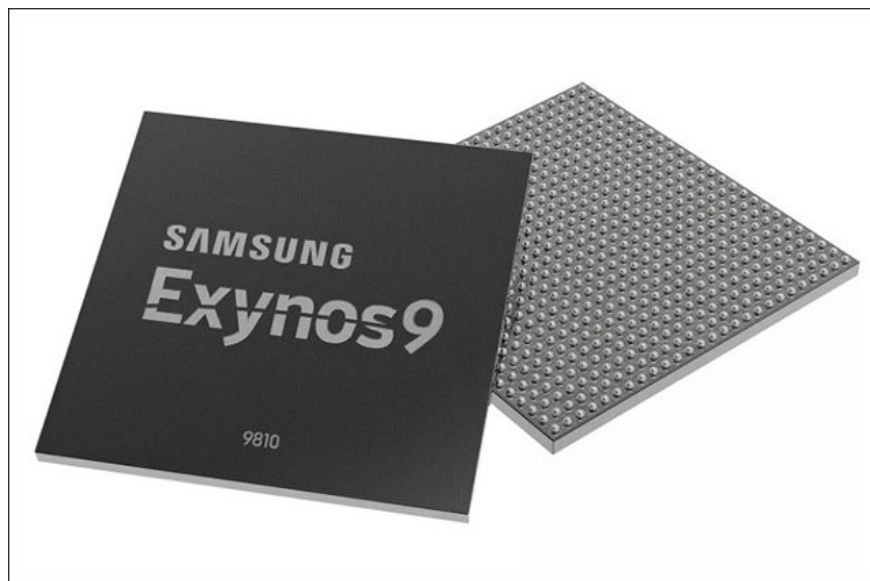
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Not only does it speed up the operation, this chip also uses neural neural networks and deep learning to identify faces and identify objects in the image. Samsung did not say whether the AI ??was directed to the chip or only used to optimize AI-related tasks.

Samsung determined that 'tracking face movement and more security when unlocking it with a mold' is a big advantage - these are the things we hear that are familiar this year, namely the Face ID and Animoji of iPhone X.

Exynos 9 Series 9810 will almost certainly be the 'heart' of the Galaxy S9. It has popular architecture like on many Android phones today: 4 cores increase processing speed up to 2.9GHz, 4 power supply errors when the phone is about to run out of battery. The almost **Cortex-A75** and **Cortex-A55** designs are announced by ARM in the middle of last year. Both emphasize on improving and speeding up the machine learning process, supporting virtual reality, augmented reality.



Exynos can bring any big changes on Galaxy S9?

Using the second generation 10nm process, Exynos 9810 promises to save battery life when Samsung says the single-task operation will double and multiply by 40%. The chip also has a separate security processing unit to handle biometric information and sensitive data (such as face detection, iris and fingerprints).

The modem inside the chip is also one of the first modems to support carrier-cum-subscriber technology for up to six channels, meaning that the maximum LTE speed is 1.2Gbps, while last year was only 1Gbps.

Samsung also promises real-time deflection, up to 120fps video recorded in UltraHD (4K) resolution and anti-shake when shooting and recording videos.

The promises are not always true on real devices, but when the development of Exynos chips is very close to the Galaxy S release schedule, we can hope they will appear on S9.

Complexly, Samsung still used Qualcomm chips in some countries, so with the Galaxy S9 they will probably use Snapdragon 845 in parallel with Exynos. As processors become increasingly complex and individually tweaked, it is possible that static energy will be heterogeneous on different chip phones. In the coming weeks, we will know more about the parameters of Galaxy S9.

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