

Thanks to the Snapdragon 710 chip, there's no need to spend \$ 1000 to buy a phone

Qualcomm's Snapdragon 710 will likely bring major changes in the user's mobile phone selection.

Mid-range chips are sometimes loved by users because every time an overclocking is done, low-end hardware becomes more useful, and high-end hard chinks like 'tiger grows more wings', and gods come unexpectedly. Most importantly, when it is the company that makes the chips to perform those capabilities themselves.

Qualcomm's Snapdragon 710 chip is not only an improved version of the Snapdragon 600 series, it is also a product that will be able to change user buying behavior.

Shortened version of Snapdragon 845

In theory, the 710 is like a mid-range SoC system, but in fact, it is a high-priced, affordable SoC of the Snapdragon 800 series - the chip is running on Pixel and Galaxy S and many Other high-end phones.

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The Snapdragon 600, though very good, is a popular price that manufacturers still have hardware that meets the requirements of a phone. Even so, the 600 and 800 lines have a great speed gap, especially when not only does it say the basic speed on each clock cycle. The 800 chip also performs operations like image processing, accelerating the network faster than any other Qualcomm chip.

That is when 710 shines. These chips bring the speed of high-end segment phones but the price is lower. They are built on a 10nm process like the Snapdragon 845 chip, which is highly efficient, and this is not only a battery saver because performance also affects both the heat emission level and the durability of other components. on the circuit board and battery of the device.

If these are the only changes of 710 compared to the 600 chip line, it is more than enough: the battery is stronger, the machine is faster for longer and the life of all hardware is extended. But that's not all.

The mobile SoC system is not a CPU but an embedded hardware on which both CPU and GPU types of signal processing chips, . 710 network components use the latest generation of components of a SoC system, As well as 845. Looking at the parameters will see 710 has a high configuration kernel like the 800 line along with the core based on the A55 CPU design. GPU Adreno from 600 series, DSP Hexagon 685, ISP Spectra from line 200, caching system right on board, X15 LTE modem package has been upgraded and tubes support 10-bit HDR. These components can only be found on mid-range 800 chips, which are not expected.



Bringing high-end features, the price is not high at all

In fact, these parameters mean that your photos will be processed with the same engine as the Galaxy S9, which will have effects such as bokeh or portrait mode. Modem-related features such as 4X4 MIMO and LAA (License-Assisted Access) are those that are only seen on 800 series chips, which now bring up to 800Mbps fast connection speeds. 10-bit HDR tubes will allow HDR display and imaging, with the GPU capable of playback at 4K-30 / 60fps quality without losing energy with a Snapdragon 660 chip.

A new generation of phones

The 710 chip can do something that is not listed by numbers - it allows you to create good phones, everyone wants to use them without spending \$ 1000 to buy. Take Apple as an example, the iPhone 8 is Apple 's latest high - end phone, on par with the Galaxy S9 or Pixel 2, which is one of the best phones of 2018. But it ' s not a power model. expensive phones like iPhone X.

Snapdragon 710 can help Samsung create Galaxy SX (for example), do everything we need without having to sell for a higher price than the current Galaxy S9. The Snapdragon 800 can be reserved for the Note X, for those who want the fastest machine and don't mind paying a little higher.

The Snapdragon 845 runs both Microsoft Windows laptops with highly demanding tasks like Direct X and a variety of background applications both 32-bit and 64-bit. Many components on SoC 845 have not been used to their full potential when put into the phone. That is, you do not need the Snapdragon 845 for the Galaxy S9 to do, while 660 is not enough. And then, 710 appears, just enough to use.

Companies will still launch high-end segmented phones, running the latest, most powerful chips. But you should know that it doesn't have to be that way. If the device uses Snapdragon 710 chip, keep an eye on it a bit, you might be surprised not only because it's good, but also because you don't need to spend \$ 1000 to buy it.

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