

Qualcomm launches two new Snapdragon CPU models, promising to stir the market for low-cost ARM laptops

Qualcomm continued to attract attention when it launched two new CPU models designed specifically for ARM laptops, namely Snapdragon 8c and 7c.

After impressing with the launch of a new generation of mobile CPUs with impressive performance under the framework of the Snapdragon Technology Summit (Snapdragon Tech Summit) taking place in Maui, Hawaii, Qualcomm continued. continued to attract attention when launching two new CPU models designed specifically for ARM laptops, namely Snapdragon 8c and 7c.

Snapdragon 8c is positioned as a replacement for the Snapdragon 850 processor, Qualcomm's second-generation Windows ARM chip. While the Snapdragon 7c is a brand new low-cost ARM CPU, launched with the expectation of bringing a new breath to the market of popular Windows laptops which are showing signs of saturation.

In terms of specifications, Qualcomm says the Snapdragon 8c will be able to deliver up to 30% improved performance compared to its predecessor Snapdragon 850 with Kryo 490 CPU, Adreno 675 GPU and integrated X24 LTE modem to support it. mobile connection. In addition, manufacturers will also be able to pair with 5G X55 modem.



In the lower segment, the Snapdragon 7c will naturally have inferior specs than the Snapdragon 8c, but still very impressive in the price range with Kryo 468 octa-core CPU, Adreno 618 GPU and X15 LTE modem (no support option. 5G support). Qualcomm is confident that the Snapdragon 7c will deliver 25% better system and battery life will nearly double compared to other competing platforms on the market today.

Taken together, this new product line offers Qualcomm a broader range of ARM CPU solutions to provide to PC manufacturing partners, with price ranges and performance levels that are also universal. much more general.

ARM is, in fact, an initiative of Qualcomm to apply mobile processor chips in laptops (redesigned) to take advantage of the compact, mobile network connectivity and time. battery amount. However, the minus point on ARM laptops lies in compatibility with software, operating systems and especially not good performance.

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