Evaluation of Snapdragon 8 Gen 1 in terms of configuration and price

With a powerful configuration and many improvements in specifications, Snapdragon 8+ Gen 1 is probably a name that is extremely popular with Android users at the present time. See more details of the Snapdragon 8 Gen 1 review: configuration, price below.

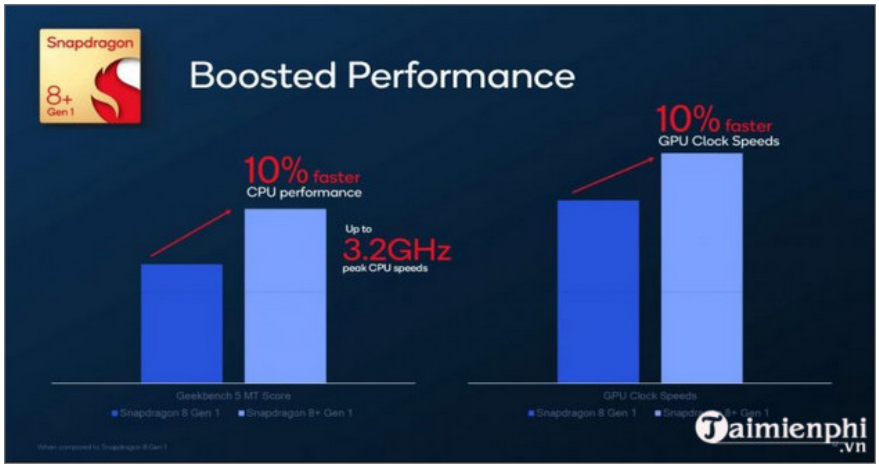
Qualcomm officially announced the launch of **Snapdragon 8+ Gen 1** - the latest chip for flagship phones at the recent Snapdragon Night event in China. Following the Snapdragon 8 Gen 1 released last December, Snapdragon 8+ Gen 1 promises to bring many new and unexpected improvements.

Snapdragon 8 Gen 1 review: Configuration, price

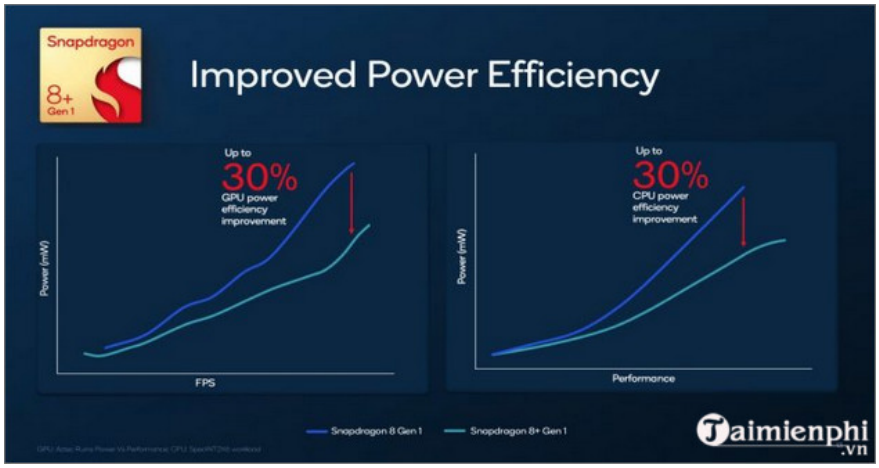
1. Specifications and configuration of Snapdragon 8+ Gen 1

Snapdragon 8+ Gen 1 can be considered an improved version of Snapdragon 8 Gen 1. Qualcomm has resolved two significant disadvantages of Snapdragon 8 Gen 1: high energy consumption and limited performance.

Snapdragon 8 Gen 1 is not effective in maintaining peak performance under a certain workload. Passive cooling systems used by different manufacturers also cannot solve this problem, resulting in lower performance compared to previous generation processors from Qualcomm.



The CPU architecture of Snapdragon 8+ Gen 1 is similar to Snapdragon 8 Gen 1, but the Cortex-X2 ARM CPU core is clocked at 3.2 GHz, three Cortex-A710-CPU cores are clocked at 2.75 GHz, and four CPU cores are clocked at 2.75 GHz. Cortex -A510 has a speed of 2GHz. Qualcomm has decided to ditch Samsung's 4NM node and use TSMC's power-efficient 4NM fabrication process for the Snapdragon 8+ Gen 1. This new chip promises to deliver 10% higher CPU performance and energy efficiency. 30% higher output than the old chip.



The Adreno 730 GPU has 10% more performance than the Snapdragon 8 Gen 1. Qualcomm claims that the GPU can now deliver 30% more power efficiency. Features like HDR gaming, VRS and Render Volume techniques are also supported. The chip also supports up to 16GB of LPDDR5 (3,200 MHz) RAM, UFS 3.1 storage, and supports biometric authentication (face, fingerprint, and voice).

Those expecting even more new features will be disappointed as these are the only changes in Snapdragon 8+ Gen 1. Other features include: integrated Snapdragon X65 5G modem, Spectra 680 ISP, and Qualcomm FastConnect 6900. Similar to Snapdragon 8 Gen 1.

The Adreno 730 GPU supports 4K displays at 60Hz and QHD+ at 144Hz. This chip also supports camera sensors up to 200MP, HDR 8K 30fps and 4K 120fps video recording. The ISP supports 108MP single camera, 64MP+36MP dual camera or 36MP+36MP+36MP triple camera with zero latency.

The Snapdragon 8+ Gen 1 chipset also features an integrated Snapdragon X65 5G modem that supports SA/NSA networks with MMWave and Sub-6GHz networks with maximum download speeds of up to 10Gbps. Dual-frequency GPS, Wi-Fi 6E, Bluetooth 5.3, LE Audio, APTX Adaptive, NFC, and USB 3.1 port C connectivity features are also supported.

While waiting for the Snapdragon 8 Gen 1 chip to be released, readers can refer to new phone lines here such as Xiaomi Redmi Note 11T Pro. See configuration information and whether you should buy it or not.

2. Snapdragon 8+ Gen 1 launch time

Most Android component manufacturers have "lined up" to use the Snapdragon 8+ Gen 1 chipset for their high-end phone products. Asus, Motorola, OnePlus, Oppo, Realme, Samsung, Vivo and Xiaomi are expected to launch phones with Snapdragon 8+ Gen 1 chip in the second half of 2022.

Above is information about the **Snapdragon 8+ Gen 1 Chip** about to be launched by Qualcomm. Please join TipsMake to update the latest information about this product in the near future.