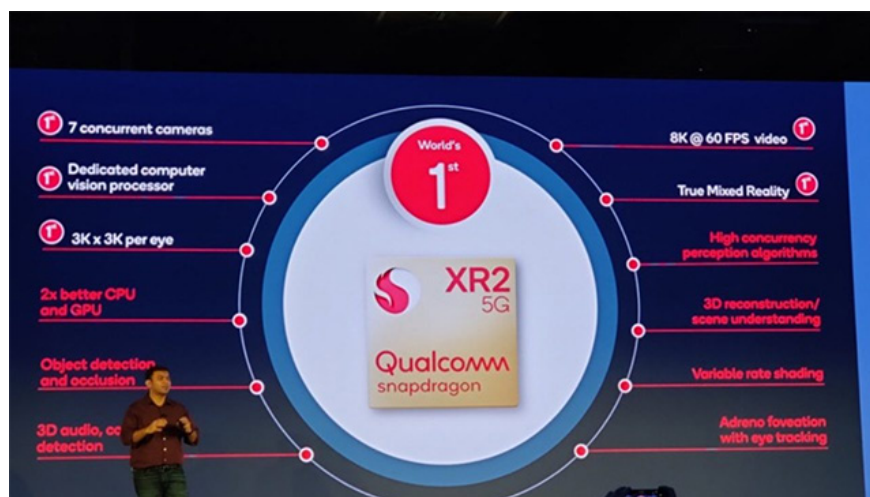


# Qualcomm announces the Snapdragon XR2, the heart of future mixed reality headsets

The new Snapdragon XR2 can provide twice the CPU and GPU performance, 4 times faster video bandwidth, 6 times higher resolution and 11 times better AI support than the next generation XR platform. Firstly.

In the framework of the ongoing Qualcomm Snapdragon Tech Summit in Maui, Hawaii, the world's largest mobile CPU manufacturer Qualcomm has officially launched the Snapdragon XR2 - the first 5G-enabled XR platform in the world, with lots of notable additions to enhance the performance of handling augmented reality (AR), virtual reality (VR) and especially mixed reality (MR) experiences, opening up New trend for mobile computing industry. According to Qualcomm's announcement, the new Snapdragon XR2 can provide twice the CPU and GPU performance, 4 times faster video bandwidth, 6 times higher resolution and 11 times better AI support. with the first generation XR platform.



Not only that, the XR2 platform can support up to 7 cameras at the same time, equipped with a computer vision processor. Let's take a look at some of the salient advantages of Snapdragon XR2:

1. **Image:** Snapdragon XR2 GPU can be considered a leap forward compared to current technology with the ability to support 1.5 times higher pixel speed and 3 times more texel speed, allowing processing of effects. High-end graphics services more quickly and effectively. Not to mention the ability to support virtual reality glasses with a screen resolution of up to 3K 90fps for each eye, as well as 8K 60p, 4K 120p video processing, 120Hz image output.
2. **Motion tracking:** Supports up to 7 cameras simultaneously, allowing real-time tracking of the movements of the head, lips, and eyes with high accuracy and the ability to track 26-point hand gestures.
3. **Audio:** Support dynamic 3D spatial emulation, automatically identify the contextual sound and give notifications to the user.

4. **5G and AI:** With the advent of AI, the performance of the Snapdragon XR2 has been significantly improved at every angle, including images, interactivity and audio, to bring users into a smart, real-world experience. It is also the first XR platform in the world to support 5G connectivity, opening up the creative potential and rich XR experience with low latency and extremely impressive data rate.

Commercial devices developed on the Snapdragon XR2 platform will be launched in the first half of next year, promising to bring countless interesting experiences.

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