

## World's First Smartphone with 144-Hz Display

Written by Bob Snyder  
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Nubia's RedMagic 5G gaming phone claims to be the world's first smartphone with a 144-Hz display.



For example, while the AMOLED display on the OnePlus 8 Pro tops out at 120-Hz (it updates 120 times per second), the RedMagic 5G betters that with a refresh rate of 144 Hz.

Packing the refresh rate that premium desktop computer gamers want most, the RedMagic 5G gaming smartphone also rocks a flagship processor, a triple-lens camera, fast-charging battery and 5G mobile comms.

Their 6.65-inch AMOLED display has a 1080 x 2340 resolution (387.5 ppi), 600-nits max brightness with 4096 control levels, covers 100% of the DCI-P3 color gamut and has a contrast ratio of 100,000:1. It benefits from a 240-Hz touch sampling rate for fast response. And the shoulder trigger buttons now have a 300-Hz touch refresh rate and 2-ms touch delay for an improved console-like control setup. The phone also features in-screen fingerprint technology to unlock the phone.

Processing and graphics come via a Qualcomm Snapdragon 865 chipset, supported by up to 12 GB of LPDDR5 RAM and up to 256 GB of UFS 3.0 storage (reported as 83% faster than the previous flash storage specification). This phone is 5G-compatible too, with SA and NSA dual

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modes for key region support.

The main camera of the triple lens setup has a 64-megapixel Sony IMX686 sensor, while the others are an 8-MP wide angle and a 2-MP bokeh. And there's an 8-MP selfie cam to the front as well.

The liquid cooling technology has been improved compared to the company's previous phones, and air flow has been increased. This model gets its power from a 4,500-mAh battery. And the phone runs on RedMagic OS 3.0, which is based on Android 10.

The price for the 8 GB of RAM/128 GB of storage model is US\$579, while the 12-GB/256-GB flavor comes in at \$649.

Go [RedMagic 5G](#)