

MediaTek Dimensity 920

Powerful 5G Smartphones with Intelligent Displays and Incredible 4K HDR Video Capture

4K HDR Video Capture Hardware

Premium in-chip camera hardware assures photo and video captures are always impressive, in any lighting conditions.

- Hardware-accelerated 4K HDR video capture engine
- Flagship-grade noise reduction combining 3DNR + MFNR
- Ultra-detailed 108MP camera support



120Hz

MediaTek Intelligent Refresh Rate Displays

Enhancing both power efficiency and user experience in one.

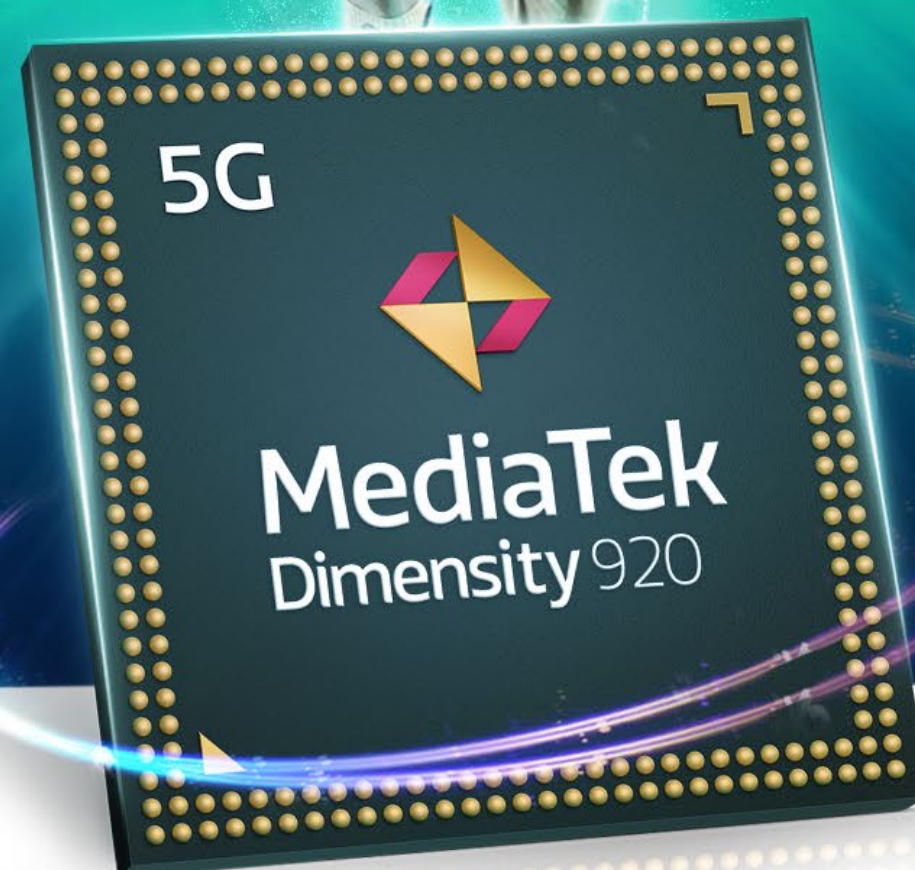
- Dynamic adjustment of display refresh rate according to need
- Lower display refresh rate to save power
- Raise display refresh rate to improve user experience
- Up to 120Hz FullHD+ displays



Boosted Gaming Performance

Packed with the latest high performance CPU, memory and storage technologies to give users flagship-grade experiences

- Octa-core with Arm Cortex-A78 cores up to 2.5GHz
- Up to 9% faster gaming performance vs Dimensity 900
- Ultra-fast LPDDR5 memory
- The fastest UFS 3.1 storage



Incredibly Capable 5G-integrated Modem

The highly-advanced 5G-integrated modem gives you incredible connected experiences, every day.

- Up to 2CC CA covering 120MHz spectrum
- 5G that reaches further: Mixed duplex FDD+TDD CA
- True Dual 5G SIM (Standalone + Standalone)
- Latest VoNR services



Exceptionally Power-efficient

MediaTek's chip and its array of technologies inside are all optimized for exceptional power efficiency.

- Ultra-efficient 6nm chip
- All-in-one: Fully integrated 5G modem & Wi-Fi connectivity
- Exclusive MediaTek 5G UltraSave technologies
- Efficiency-optimized Arm Mali-G68 GPU



Faster Wi-Fi 6

We're enabling mid-range smartphones with the latest ultra-fast Wi-Fi 6 connectivity.

- Faster Wi-Fi 6 with better signal quality from 2x2 antenna
- Fully integrated connectivity gives compact platform and better efficiency

INCREDIBLE IN. INCREDIBLE OUT.

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<https://www.mediatek.com/Dimensity-920>

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