

# MediaTek Dimensity 900

Powering the cameras, performance and battery-life you need for every occasion

## Premium Tech

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 2.4GHz
- Ultra-fast LPDDR5 memory
- The fastest UFS 3.1 storage
- TSMC 6nm production process

## Exceptionally Power-efficient

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

- Ultra-efficient 6nm chip – 8% more power efficient than equivalent 7nm
- All-in-one: Fully integrated 5G modem & Wi-Fi connectivity
- Exclusive MediaTek 5G UltraSave technologies
- Efficiency-optimized Arm Mali-G68 GPU

## 4K HDR Video Playback & Display

MediaTek's display and video technologies bring cinema-grade visual experiences to the small screen.

- Smooth 120Hz FullHD+ displays
- Real-time HDR composer (SDR to HDR)
- HDR10 content upgraded to HDR10+ -like in real-time
- Enhanced HDR10+ video playback with per-frame local tone mapping

## 4K HDR Video Capture Hardware

Unique in-chip camera hardware that assures photo and video captures are always impressive, whether shooting during the day or at night.

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

## Faster 5G

The industry's most capable 5G-integrated modem gives you incredible connected experiences, every day.

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

## Bringing Wi-Fi 6 to the High-End

We're enabling high-end smartphones with the latest Wi-Fi 6 connectivity.

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

