

## Incredible Performance - 2nd Generation TSMC 4nm-class

Packed with industry firsts, this chip powers a new era of flagship smartphones.

- 1st Arm Cortex-X3 and Cortex-A715
- 1st LPDDR5X-8533, with 13% more bandwidth
- 1st UFS 4.0 + MCQ - fastest-ever smartphone storage
- TSMC N4P + MediaTek-optimized IC design

## Cameras & Imaging - MediaTek Imagiq 890

Capture brighter, sharper images with the industry's leading AI-ISP architecture.

- 1st RGBW sensor native support for 30% brighter captures
- Second-Gen AI-Video Engine with APU+ISP fusion
- Capture and stream HDR video from multiple cameras
- Up to 12.5% power savings for 8K30 video with EIS
- Fastest AI-NR photo capture

## AI - MediaTek APU 690

Enjoy better AI performance with the new 6th-Gen AI featuring eXtreme Power Saving Technology.

- 35% higher performance (ETHZ 5.0)
- 25% lower power 4K AI-NR video vs 5th Gen APU
- 45% improved video SR efficiency
- Upgraded DLA processor with mixed precision mode
- Upgraded shared memory efficiency



## Gaming - MediaTek HyperEngine 6.0

Hardware-based raytracing and exclusive gaming technologies ensure incredible visuals with smooth high frame-rate gameplay.

- 1st Arm Immortalis-G715 GPU with hardware raytracing
- MediaTek Adaptive Game Technology
- Motion Blur Reduction
- Frame Rate Smoother 2.0

## Connect Everywhere

Never skip a beat with wireless audio for premium earbuds, the fastest Wi-Fi, and the most reliable 5G connectivity.

### Wi-Fi 7

- 1st Wi-Fi 7 ready smartphone chip with up to 6.5Gbps downlink
- MediaTek Wi-Fi UltraSave provides up to 70% power savings

### Bluetooth 5.3

- 1st Studio-grade Bluetooth Audio (24-bit / 192KHz)
- LE Audio Auracast with hearing aid support

### 5G

- Sub-6GHz + mmWave ready
- 4CC-CA sub-6GHz 5G R16 modem
- MediaTek 5G UltraSave 3.0
- Industry-leading Multimode Dual SIM Dual Active

## Display - MediaTek MiraVision 890

We added the most impressive display technologies, including extreme performance gaming displays to ensure movies and videos always show their best.

- MediaTek Intelligent Display Sync 3.0
- Motion Blur Reduction
- EnergySmart Screen 2.0
- MediaTek AI-SR/MEMC video