

# MediaTek Dimensity 6300

Empowering mainstream 5G smartphones with faster games, impressive cameras

## Impressively Detailed and Clear Photos

Big megapixels and enhancements that ensure stable, clear images in low-light conditions.

- 108MP main camera
- Pre-integrated Multi-frame Noise Reduction (MFNR)

## MediaTek HyperEngine

Gaming technologies that extend gameplay with up to 11% power-efficiency enhancements, and up to 13% greater FPS in demanding in-game scenes.

- CPU speeds up to 2.4GHz
- 50% Faster GPU performance<sup>1</sup>
- 10% faster gaming<sup>2</sup>



## Latest 5G Modem Technologies

Including situationally intelligent 5G enhancements that boost downlink performance by up to 20%.<sup>1</sup>

- 3GPP Release 16 5G modem
- MediaTek 5G UltraSave 3.0+
- 3.3Gb/s 5G downlink speeds
- 2CC-CA with mixed duplex FDD+TDD
- LB+LB ENDC and 8-layer DL MIMO support

## Exceptionally Power-efficient

Extended battery life, even for demanding smartphone users

- Advanced 6nm-class chip

## Billion Color Displays

Displays that showcase HDR media in true color visuals, with supreme speeds that help reduce visual fatigue and provide a great everyday experience.

- 10-bit HDR AMOLED display support
- Up to 120Hz refresh rate

<sup>1</sup>) Compared to competitor alternative platforms

<sup>2</sup>) Compared to previous generation Dimensity