

MediaTek helio | G99

Unparalleled 4G Power Efficiency

The first MediaTek Helio 4G gaming smartphone chip built using the exceptionally efficient TSMC N6 (6nm-class) chip production process.

Super-fast 120Hz Displays

We've combined supremely smooth displays with intelligent power savings to maximize the everyday experience without sacrificing battery life.

- Full HD+
- Up to 120Hz
- MediaTek Intelligent Display Sync power savings

Impressive Megapixels

Device makers can opt for epic megapixel cameras in their designs, while users can capture impressive images in all conditions.

- Up to 108MP main camera
- 16+16MP dual cameras with ZSL
- Dimensity-class image quality technologies

Dual 4G VoLTE

The advanced 4G modem is integrated directly into the chip for best power efficiency.

- LTE-A Cat-13 Downlink
- Global bands and IMS services support
- Advanced 4x4 MIMO and 256QAM ensure connection reliability
- Dual 4G VoLTE

Exceptional 6nm 4G Gaming Smartphones with Incredible Power efficiency



Superb Gaming Performance

High performance combination of powerful octa-core CPU with advanced graphics.

- 2x Arm Cortex-A76 CPU up to 2.2 GHz
- Highly capable Arm Mali G57-class GPU
- Super-fast memory up to 2,133MHz

MediaTek HyperEngine 2.0 Lite Gaming Technologies

Intelligent Resource Management and Networking Engines ensure gamers never miss a click, because every millisecond matters.

- Intelligent control of CPU, GPU and memory to maximize power efficiency
- Smoother gameplay in heavy-loading games and intense gameplay
- High FPS power savings extending battery life without sacrificing the gaming experience
- Call & Data Concurrency: keeping connected while you game
- Wi-Fi & LTE concurrency that triggers in just 13 milliseconds
- Wi-Fi Antenna Swapping optimizes the connection for lower latency and higher data throughput