

MediaTek Dimensity 8500

All Big Core Performance

A premium CPU design with ultra-fast memory means blistering performance for a seamless and responsive smartphone experience.

- All Big Core CPU
- Up to 3.4GHz CPU speeds
- 12% faster LPDDR5X at 9600Mbps¹

Powerful & Efficient Gaming

Game at the next level with enhancements that deliver power-smart speeds, and stunning HDR visuals for smooth, immersive play.

- Powerful 8-core GPU
- 25% higher peak performance¹
- Up to 32% more power-efficient in MOBA game titles²
- Up to 30% power-efficiency gains with MediaTek Frame Rate Converter (MFRC)
- Flagship-level performance: sustained 100+ FPS outdoors at 35°C

¹Compared to previous generation Dimensity platform

²Compared to competitor alternative chip



Cutting Edge Gen-AI

On-device intelligence that powers instant translations, smarter communication, and effortless creativity.

- MediaTek NPU 880
- Latest MediaTek NeuroPilot Gen-AI SDK software support
- Comprehensive LLM+LVM AI model support

Stunning Photos, Cinematic Videos

Capture every moment in vivid, cinematic clarity, faster focus, and ultra-efficient HDR video that brings your vision to life.

- Cinema-grade 4K HDR video
- Full-range HDR zoom
- HW QPD Remosaic Engine
- Zero Shutter Lag (ZSL)
- 100% PDAF

Future-proof 5G

Experience MediaTek's future-ready 5G-A modem that's built to keep you instantly connected, even when you step out of cellular dead zones.

- Up to 5.17 Gbps performance
- Up to 3CC-CA
- MediaTek UltraSave 3.0+
- 2nd generation Dual SIM Dual Active (DSDA 2.0)