MediaTek Dimensity 810

Redefining mainstream 5G smartphone experiences

Faster Performance

Great user experiences with snappier app response, smoother connected experiences and longer battery life

- Ultra-efficient 6nm chip
- Octa-core with Arm Cortex-A76 cores up to 2.4GHz
- Ultra-fast LPDDR4x memory
- Premium UFS storage

5G that goes further

Fully integrated 5G modem gives you incredible connected experiences, every day.

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

Ultra-smooth 120Hz Displays

Crisp, high resolution FullHD+ displays that are ultra-responsive

- Premium refresh rate displays up to 120Hz
- Supremely smooth user experience in apps, web
- Eliminate motion blur in games

MediaTek HyperEngine 2.0 gaming technology

Intelligent Resource Management & Networking Engines designed expressly for gaming

- Intelligent, dynamic management of CPU, GPU, and memory
- Anti-jitter in heavy-loading games, and intense gameplay
- 5G/4G Smart Switch
- Intelligent prediction of Wi-Fi & 5G concurrency
- A faster response between smartphone and cell-tower
- Call & Data Concurrency on 5G

Stunning Photos, Videos & Streaming

5G smartphones featuring a variety of cameras that can capture incredible photos and video, even at night

- Up to 64MP cameras
- AI-color & AI-bokeh enhancements
- Advanced noise reduction (MFNR & MCTF)
- Hardware acceleration for dual cameras & depth perception
- Dedicated facial recognition engine

6nm

5G
MediaTek Dimensity 810

https://i.mediatek.com/dimensity-810

MEDIATEK