Incredible 5G Experiences with this Best-in-Segment Performer

MediaTek Dimensity 820

‘Big Core’ Powerhouse
- 4X Arm Cortex-A76 up to 2.6GHz
- 4X Arm Cortex-A55 up to 2GHz
- 5X Arm Mali-G57 GPU
Four big Arm cores with up to 2.6GHz super-speeds mean faster games, faster app loading, and overall boosted multi-core performance.

MediaTek HyperEngine 2.0 Gaming Technology
The new MediaTek HyperEngine 2.0 delivers a powerful gaming experience with network optimizations that reduce latency for smoother gameplay, support faster response times and enhance display quality.

MediaTek APU 3.0
The unique design of MediaTek’s APU 3.0 (AI Processing Unit) produces more precise results for AI-Recognition, AI-Super Resolution and AI-deblur functions, while also maximizing power efficiency.

MiraVision Video Playback
MediaTek MiraVision intelligently adjusts a wide range of video playback dynamics to bring a cinema-grade visual experience to the small screen.
AI-PQ | HDR Composer (SDR to HDR) | Enhanced HDR10+ video playback
Learn More>

Fantastic 120Hz Displays
Rapid refresh displays are ideal for gaming, while also better for smoother scrolling of webpages and animations in apps.

MediaTek Video Capture & Streaming
MediaTek Dimensity supports up to 80MP cameras, 4K HDR video recording and dedicated imaging processors and accelerators for incredible results every time.
Multi-Frame 4K HDR Video Capture | HDR-Native ISP
Learn More>

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