

MediaTek Dimensity 7500

Breakthrough Performance

New Arm C1 processors with the latest Armv9.3-A architecture deliver breakthrough performance and an unparalleled user experience.

- Up to 68% faster video transcoding
- Up to 30% faster app switching
- Up to 19% faster game level load times

Exceptional Efficiency

An advanced 4 nm chip with notable power efficiency gains.

- 5-9% lower power in popular daily apps
- 4-7% lower power in popular games

A Generational Leap in Gen-AI

Represents a major leap in capability and performance, elevating mainstream smartphones with best-in-class generative AI experiences.

- MediaTek NPU 850
- 2x AI performance

Larger Primary and Secondary Displays

Supports larger primary and secondary displays, delivering sharper detail and distinctive designs.

- Primary displays up to 37% larger
- Secondary displays up to 56% larger

Smoother Gameplay & Reliable Connections

Enables smooth and sustained FPS, extended gameplay, and advanced network prediction technologies.

- MediaTek Adaptive Gaming Technology 4.0
- Network Observation System

MediaTek Imagiq 1050 Cameras

Delivers strong color accuracy and enhanced low light performance, ensuring sharp and clear photos in any setting.

- Up to 200MP main cameras
- Support for advanced 14-bit DCG sensors

4K HDR Video

Supports 4K HDR capture and smooth video streaming with richer colors for more natural and realistic moments.

- 4K HDR video capture and playback engine
- Global HDR standards (Dolby Vision, HLG, HDR10+)

Super-Fast, Super-Capable Wi-Fi & Bluetooth

Provides multi gigabit wireless with MediaTek exclusive technologies that ensure reliable connections with extended range.

- Tri-band Wi-Fi 6E
- MediaTek Xtra Range 3.0
- MediaTek Wi-Fi/Bluetooth hybrid coexistence
- Long-range phone-to-phone BT connections

Latest 3GPP R17 5G Modem

An upgraded 5G modem that offers 57 percent more bandwidth, up to 20 percent greater power efficiency, and 20 percent faster 5G recovery from zero coverage areas.

- Up to 5.2Gbps DL
- 3CC-CA
- MediaTek 5G UltraSave 3.0+
- High Speed Rail 2.0 and faster 5G recovery

The percentage figures shown above are based on comparisons with the previous generation of Dimensity chipset.

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