

# MediaTek Dimensity 9500s

## Significant Speeds

Powering exceptional experiences with faster speeds and smarter capabilities

- All Big Core CPU design featuring Arm Cortex-X925 processor
- 2<sup>nd</sup> Gen TSMC 3nm process optimized for exceptional efficiency
- Biggest-in-class 19MB CPU cache, plus 10MB System Cache

2nd-generation Dimensity Scheduling Engine for an enhanced Android user experience

- Consistently ultra-fast touch / scrolling responsiveness
- Consistently fast app launch speeds

## Supreme Gaming

Leading gaming hardware engineered for stunning visuals and high-octane performance, delivering exceptional energy efficiency.

- Flagship-grade Immortalis-G925 raytracing GPU
- Opacity Micromap (OMM) technology
- Best in class superior raytracing performance

MediaTek Adaptive Gaming Technology 3.0 and MediaTek Frame Rate Converter 3.0

- Power-optimized 120 FPS gaming in top titles



## Smarter AI

Premium MediaTek NPU brings premium, on-device generative intelligence and powerful AI agent capabilities.

- Speculative Decoding+ (SpD+) enhances Agentic AI effectiveness
- Latest MediaTek NeuroPilot Gen-AI SDK software support
- Comprehensive SLM+LLM AI model support
- Flagship-grade Stable Diffusion XL (SDXL) and Gen-AI video capabilities

## Shutterbug's Favorite

Capture detailed photos and videos in any light conditions, any distance.

- Content-smart ISP : crystal-clear video, even at extreme zoom
- Full-range HDR and smooth zoom switching with sustained, accurate autofocus
- Full-speed object-tracked autofocus for clear, sharp snapshots and continuous capture
- 8K Dolby Vision video capture

## Super Connectivity

Exceptional speeds, range, and power-efficiency ensure dependable, all-day connectivity.

### 5G

- 3GPP Release-17 5G modem with 4CC-CA, delivering up to 7Gbps downlink
- MediaTek UltraSave 4.0 and AI Network Suite 2.0 for enhanced power savings

### Wi-Fi

- Wi-Fi 7 with up to 6.5Gbps downlink performance
- MediaTek Xtra Range 3.0 for extended Wi-Fi coverage

### Bluetooth

- Up to 5km direct phone-to-phone BT connections without requiring cellular service