

# MediaTek Dimensity 1200

Unrivaled AI-Multimedia & Leading 5G Connectivity

## 5G Get the Most Out of 5G Everyday

We've designed the most capable 5G-integrated modem to give you incredible connected experiences, every day.

- 5G for Everywhere: Specialized 5G Elevator mode and 5G HSR mode ensure a seamless, reliable 5G experience across networks
- 5G All Day: MediaTek 5G UltraSave for 5G SA and NSA networks
- 5G All Spectrum: 5G-CA across TDD/FDD and new 5G bandwidth support for greater speed, coverage and reliability
- 5G Choice: True Dual 5G SIM (5G SA + 5G SA)

## MediaTek MiraVision HDR Display

MediaTek MiraVision HDR display technologies bring cinema-grade visual experiences to the small screen.

- AI SDR-to-HDR with dynamic per-frame picture quality (PQ) tuning
- AI-ClearStreaming restores image quality in video conferencing and live-streaming
- Enhanced HDR10+ video playback
- Hardware accelerated AV1 video decoding

## MediaTek HyperEngine 3.0 Gaming Technology

Our 3<sup>rd</sup> generation gaming engines enhance connectivity, responsiveness, image quality and power efficiency.

- 5G Call & Data Concurrency
- Multi-Touch Boost
- Ultra-Low latency True Wireless Stereo Audio
- Ray Tracing in Mobile Games and AR
- Super Hotspot Power Saving
- High FPS Power Saving

## 3GHz Ultra-Core Processor

Extreme performance octa-core CPU performance for the fastest apps and games.

- Leading 6nm chip design
- 1X Ultra Core: Arm Cortex-A78 up to 3GHz with 2X L2 cache
- 3X Super Cores: Arm Cortex-A78 up to 2.6GHz
- 4X Efficiency Cores: Arm Cortex-A55 up to 2GHz
- UFS 3.1 up to 1.7GB/s throughput

## MediaTek Imagiq Camera & Video

Our most powerful MediaTek Imagiq imaging and AI gives you impressive camera experiences.

- Incredible 200MP photos
- Industry's most powerful 5-core ISP
- MediaTek APU 3.0 with 12.5% faster performance\*
- Staggered' 4K HDR Video with 40% greater dynamic range\* and real-time 3-exposure fusion
- 20% faster Night Shot\*
- Multi Person AI-segmentation and bokeh video
- AI-Panorama Night Shot
- Multi-Depth Smart Focus video

## MediaTek Bluetooth LE Audio Ready

For gaming, movies or music, our latest wireless audio is great on quality, light on power.

- Dual-Link True Wireless Stereo Audio
- Bluetooth 5.2 with LC3 encoded streaming audio
- Higher quality, lighter on power for earbuds
- Low latency gaming audio experiences

*\*compared to previous generation products or features*