

MediaTek Dimensity 1300

Great AI performance & HyperEngine 5.0 gaming technologies



Supreme Performance

An incredibly efficient all-in-one chip built with premium performance CPU & graphics.

- Leading 6nm chip design
- 1X Ultra Core: Arm Cortex-A78 up to 3GHz
- 3X Super Cores: Arm Cortex-A78 up to 2.6GHz
- 4X Efficiency Cores: Arm Cortex-A55 up to 2GHz
- 9-core Arm Mali GPU



HyperEngine 5.0 gaming technologies

Our latest suite of optimizations that improve the whole smartphone gaming experience.

- AI-VRS graphics enhancement
- Wi-Fi/Bluetooth Hybrid 2.0
- Bluetooth LE Audio technology with Dual-Link True Wireless Stereo Audio



MediaTek MiraVision

Enhancing displays and video playback with a rich array of technologies that bring cinema-grade visual experiences to the small screen.

- Super-fast refresh rate displays
- AI SDR-to-HDR with dynamic, per-frame picture tuning
- Enhanced HDR10+ video playback
- Hardware-accelerated AV1 decoding



MediaTek Imagiq Camera

Powerful MediaTek Imagiq imaging and AI-Camera gives you impressive results, especially in low-light and HDR captures.

- Improved night shot photography and HDR capabilities for great image clarity
- AI benchmarking results that are boosted by up to 10%, giving greater capacity for AI tasks.
- Incredible 200MP photos
- Powerful 5-core ISP
- Staggered 4K HDR Video with 40% greater Dynamic Range than standard HDR
- Multi Person AI-Segmentation and Bokeh video
- AI-Panorama Night Shot video
- Multi-Depth Smart Focus



Fast, far and efficient everyday 5G

Built right into the chip, our 5G modem offers deeply engrained power saving enhancements, super-fast 5G NR performance, excellent range and exclusive features.

- 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)

