

MediaTek Dimensity 7400X

MediaTek HyperEngine Gaming Technology

With MAGT 3.0 and NOS technologies, HyperEngine can accurately control performance and provide reliable connectivity to deliver smoother, sustainable FPS in games.

- Octa-core CPU with four powerful Arm cores up to 2.6GHz
- 10% GPU performance boost over previous generation chip
- MediaTek Adaptive Gaming Technology 3.0
- MediaTek Network Observation System

Exclusive Connectivity Optimizations

MediaTek's exclusive connectivity enhancements boost multi-gigabit wireless connectivity to be as supremely reliable as it is fast.

5G

- Up to 3.27Gbps 5G downlink with advanced 3CC-CA
- MediaTek 5G UltraSave 3.0+
- Dual 5G SIM with dual VoNR

Wi-Fi

- Tri-band Wi-Fi 6E 2x2

Bluetooth

- Bluetooth 5.4
- MediaTek Lightning Connect
- MediaTek Wi-Fi/Bluetooth hybrid coexistence
- MediaTek UAC antenna optimization technology



Faster NPU

Exceptional performance in AI-camera, with 15% faster speeds compared to the previous generation chip.

- MediaTek NPU 655
- Up to 94% faster performance (UNET Benchmark FPS)
- Up to 63% better power efficiency (UNET Benchmark FPS/W)

MediaTek Imagiq Cameras

Google Ultra HDR support for photography upgrades the end-to-end HDR capture experience, enabling more detailed highlights, shadows, and more intense colors.

- Google Ultra HDR ready
- 200MP main camera
- 12-bit HDR-ISP
- Hardware-based face detection (HWFD)
- Hardware-based noise reduction (MCNR)

Fast HDR Displays

Impressive, high detail displays with true color HDR visuals deliver premium cinematic experiences in all media.

- Exclusive dual display support for flip phones
- WFHD+ up to 120Hz
- 10-bit true color
- Global HDR standards

Exceptional Power Efficiency

Up to 25% more power-efficient in popular everyday applications without compromising performance.

- Highly efficient 4nm-class chip