

# MediaTek Dimensity 1000C

Incredible Displays, Premium 5G Experiences & Advanced AI



## A 5G-Integrated SoC with Mixed Duplex 5G-CA

Make faster, more reliable 5G connections every day and use the most advanced voice and video call services.

- 5G-CA (2CC) Enabled
- Mixed Duplex TDD/FDD connections for increased 5G-CA opportunity
- VoNR support for best voice & video call quality
- Fully-integrated 5G chip



## MediaTek 5G UltraSave Power Efficiency

Power-saving enhancements that extend battery life, keeping you connected for longer.

- MediaTek 5G UltraSave Network Environment Detection
- MediaTek 5G UltraSave OTA Content Awareness
- Dynamic BWP
- Connected DRX

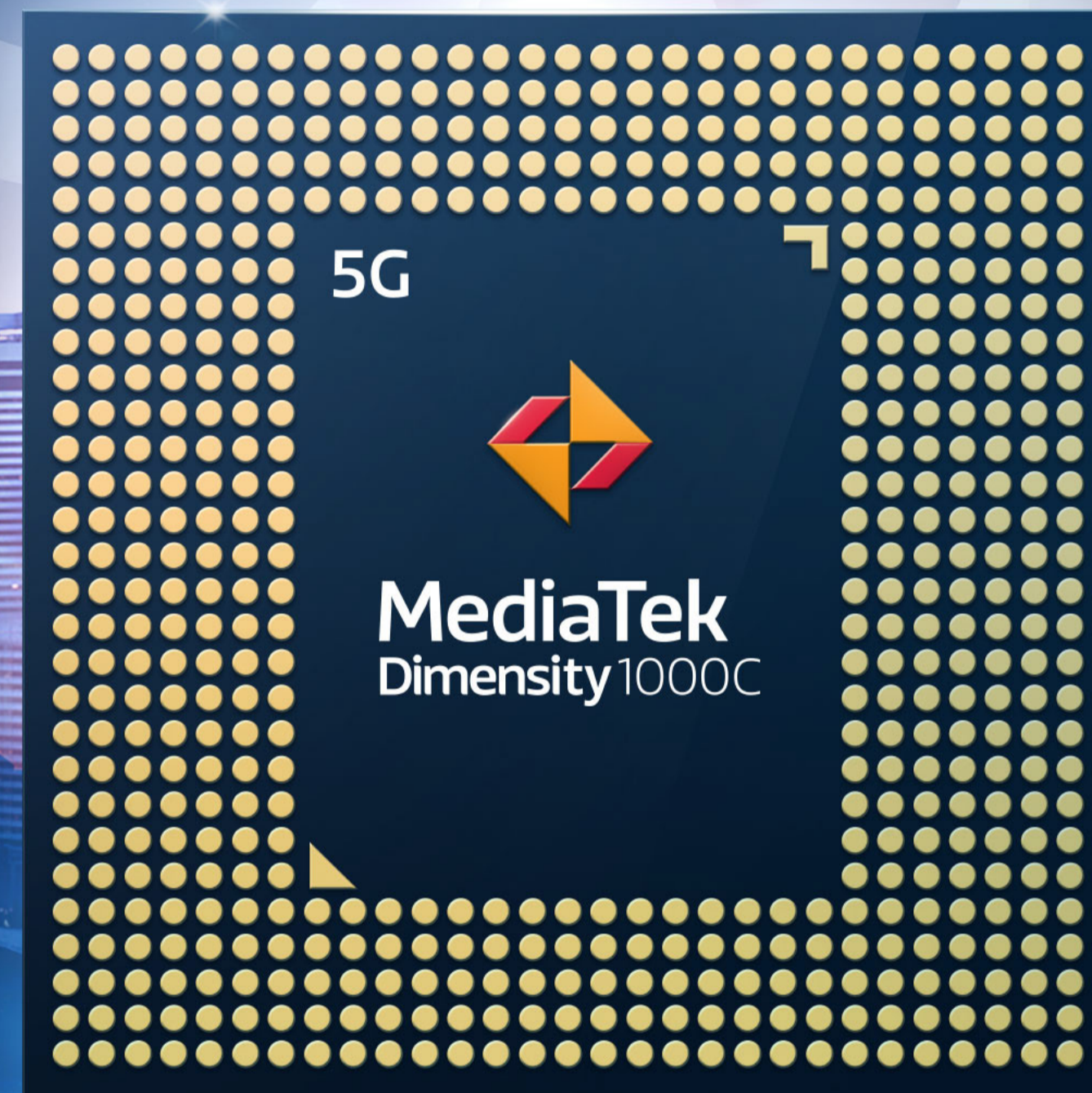


## High Performance Big Cores, Gaming and AI

Four high-performance 'Big' cores, plenty of gaming power and fast, responsive storage. You can rely on a smartphone that always delivers experiences that impress.

- 4X Arm Cortex-A77 in its octa-core CPU
- MediaTek HyperEngine 2.0 gaming technology
- MediaTek APU 3.0 AI Engine
- Powerful 5X-core GPU

The first  
MediaTek-powered  
5G chip launched on  
a U.S. network



## MediaTek MiraVision Video & Display

MediaTek MiraVision enhancements that bring cinema-grade visual experiences into video streaming and playback.

- AI Picture Quality enhancement
- Real-time HDR10+ -like quality upgrade from HDR10 video
- MiraVision Enhanced HDR10+ Video Playback



## Most Efficient AV1 Stream Decoding

AV1 encoding enables video streams to give more detail, crisper sound, and higher resolutions, at the best playback power-efficiency to extend battery-life.

- Hardware-based AV1 decoding up to 4K resolution
- First Certified AV1 HDR Smartphone for Netflix
- YouTube AV1 streaming support



## Use Multiple Voice Assistants

A variety of virtual assistants support our daily lives in different ways. The Dimensity 1000C can listen for multiple trigger words to wake them up.

- Supports multiple voice assistants such as Google Assistant & Amazon Alexa
- Reacts to multiple trigger words
- Dual mic noise suppression to hear you clearly even in noisy environments



## Dual Display or Fast 120Hz

Smartphones can use either two independent displays for new designs that flip or fold, or ultra-fast 120Hz single displays for a super-smooth experience.