

# MediaTek Dimensity 1050

## Seamless sub-6GHz + mmWave 5G Experiences



### Seamless 5G sub-6GHz + mmWave

A seamless 5G experience that fluidly switches between long-reach sub-6GHz and super-fast mmWave connections.

- Up to 53% faster downlink connecting both sub-6GHz and mmWave at the same time (vs LTE+mmWave only)
- Faster Speeds and greater reach with new 3CC carrier aggregation
- True Dual 5G SIM (5G SA + 5G SA)
- Dual VoNR



### MediaTek MiraVision 760

Enjoy super-fast displays with intense, vibrant colors.

- Super-fast 144Hz Full HD+ displays
- Natively supports a billion (10-bit) colors
- New HDR10+ Adaptive, CUVA HDR-vivid and Dolby Vision
- MediaTek Intelligent Display Sync improves power efficiency of fast displays



### MediaTek Imaq 760

Stream front and rear cameras together, capturing the event and your reaction at the same time.

- Dual HDR Video Capture Engine
- Up to 108MP main cameras
- Excellent noise reduction for superior low-light photography
- **MediaTek APU 550** improves AI-camera actions



### Powerful Performance

Best-in-class tech that accelerates apps, gives snappier social feeds, and faster FPS in games.

- Octa-core with 2X Arm Cortex-A78 CPUs up to 2.5GHz
- Latest Arm Mali-G610 graphics engine
- High-end UFS 3.1 storage and LPDDR5 memory
- Exceptionally efficient 6nm-class chip



### MediaTek HyperEngine 5.0

Gaming technologies that boost the whole smartphone, improving performance and letting you game for longer.

- CPU & GPU gaming optimizations
- Exclusive AI-based Variable Rate Shading (AI-VRS)
- MediaTek Intelligent Display Sync
- Wi-Fi and 5G optimizations to ensure lower-latency connections



### Wi-Fi 6E

Wi-Fi and Bluetooth are built right into the chip for superior power-efficiency.

- Latest Wi-Fi 6E connectivity
- New tri-band: 2.4GHz, 5GHz, 6GHz
- 2x2 MIMO antenna

