

# MediaTek helio | G70

## TAKING GAMING TO THE NEXT LEVEL



### POWER-PACKED PROCESSING

MediaTek Helio G70 incorporates a pair of powerful Arm Cortex-A75 CPUs operating up to 2GHz, plus six Cortex-A55 CPUs operating at up to 1.7GHz for improved single and multicore performance.



### REMARKABLE GAMING EXPERIENCE

The efficient Arm Mali-G52 class graphics processor, operating at 820MHz for an efficient, high-performing gaming experience.

### MediaTek HyperEngine Game Technology

#### Intelligent Speed Uplift for Rapid Gameplay and Call & Data Concurrency

- Intelligent prediction of Wi-Fi & LTE concurrency triggers in just 13 milliseconds ensuring smooth and lag-free connection during gaming
- Fast response between smartphone and cell-tower
- Defer calls while in-game without a drop in connection

#### Resource Management Engine

- Intelligent and dynamic management of the CPU, GPU and memory
- Smooth performance in heavy-loading game engines, demanding scenes and intense gameplay
- Enhanced power efficiency for a long gameplay



### INTEGRATED VOICE WAKEUP

Built-in VoW (voice wakeup) capability optimizes package size and minimizes power use for voice assistant services.



### IMPRESSIVE IMAGING

The MediaTek Helio G70 includes a multitude of hardware accelerators, such as a dedicated depth engine, Camera Control Unit (CCU), Electronic Image Stabilization (EIS) and Rolling Shutter Compensation (RSC) technology that enhances video panning and ultra-fast recording (up to 240fps).

### WHAT'S INSIDE

<b>CPU</b>	Octa-core: 2x A75 @ 2.0 GHz 6x A55 @ 1.7 GHz 12nm Fabrication
<b>GPU</b>	ARM G52 MC2 820MHz
<b>Memory</b>	1x LP3 933MHz, up to 4GB 2x LP4x 1800MHz, up to 8GB
<b>Camera</b>	25MP@30fps 16MP+16MP@30fps 48MP 4-cell 17fps
<b>Display</b>	FHD+ 60Hz
<b>Modem</b>	Cat-7, 2xCA
<b>Connectivity</b>	1x1 802.11 ac, BT5.0, GPS+Glonass+Beidou+Galileo

**This Chip Changes Everything**

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