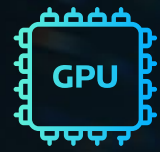


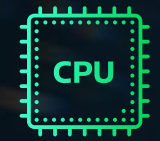
MediaTek helio | G85

READY FOR GAMING GREATNESS



1 GHz GPU

The Arm Mali-G52 GPU is pumped up to 1 GHz, blasting performance for avid mobile gamers.



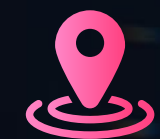
POWER PACKED

2X powerful Arm Cortex-A75 CPUs operate up to 2 GHz, plus 6X Cortex-A55 CPUs operating at up to 1.8 GHz for faster single and multi-threaded performance.



INTEGRATED VOICE WAKEUP

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



HIGHLY ACCURATE INERTIAL NAVIGATION

A leading inertial navigation engine provides an accurate location indoors, underground or driving through tunnels when GNSS services are unavailable.



PREMIUM MULTI-CAMERA

Brands can create a wide range of multi-camera smartphones with any mix of wide angle, telescopic, macro and sensor sizes up to 16+16MP or a single large 48MP.



MediaTek HyperEngine Game Technology

CONNECTIVITY ENHANCEMENTS

- Intelligent prediction of Wi-Fi & LTE concurrency triggers in just 13ms ensuring a lag-free connection
- Faster response between smartphone and cell-tower
- Defer calls while in-game without dropping the data connection

RESOURCE MANAGEMENT ENGINE

- Intelligent and dynamic management of the CPU, GPU and memory
- Ensures smooth performance in heavy-loading game engines, demanding scenes and intense gameplay
- Enhanced power efficiency for better battery life and longer gameplay



WHAT'S INSIDE

CPU	12nm Octa-core: 2x A75 @ 2.0 GHz ; 6x A55 @ 1.8 GHz
GPU	Arm Mali G52 MC2 1 GHz
Memory	2x LP4x 1800 MHz, up to 8GB 1x LP3 933 MHz, up to 4GB
Modem	WorldMode 4G LTE Cat-7, 2xCA, TAS 2.0, HPUE, Global IMS (VoLTE\ViLTE\WoWi-Fi), eMBMS, Dual 4G VoLTE (DSDS)
Camera	48MP (4-cell), 16MP+16MP @ 30fps Hardware dual-camera processing
Display	FHD+ 60Hz
Connectivity	802.11 ac, BT5.0, GPS+ Glonass+ Beidou+ Galileo



THIS CHIP CHANGES EVERYTHING

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