**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, H-PUE, Global IMS (VoLTE/ViLTE/VoWi-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

https://www.mediatek.com/products/smartphones/helio-g