



CPU	Model: G4C Number of Cores: ARM 6 cores 64 bit, main frequency 2.0GHz Frequency: 4 x Cortex-A53 Up to 1.3GHz
GPU	Mali-T860 MP4 quad-core GPU Support OpenGL ES 1.1/2.0/3.0/3.1, OpenVG1.1, OpenCL, DX11 support AFBC (frame buffer compression)
Hardware Acceleration	Support AES encryption and decryption hardware acceleration
GPIO	10
RTC	2Pin 1.25mm
Memory	LPDDR4 1G/(4G MAX)
Built-in storage capacity	TF Card expansion ky
EMMC	NC, 128GB MAX
Network	Support Ethernet 10/100/1000Mbps, support Ethernet TX/RX:935Mbps
USB	2*USB-3.0
Power Adapter	Type-c 5V input



### Mainstream SoC AES encryption performance comparison

Rockchip RK3399(Dual-core A72+Quad-core A53)	1346065K
SAMSUNG S5P6818(Octa-core A53)	1052857K
Rockchip RK3328(Quad-core A53)	977565K
Allwinner H5(Quad-core A53)	937448K
SAMSUNG S5P4418(Quad-core A9)	50544K
Allwinner H3(Quad-core A7)	26140K
The numbers are in 1000s of bytes per second processed.Test Command:openssl speed -evp aes-128-cbc	

## USB Wifi Support list

WiFi ChipsetOS	Distro Support		AP Mode
	OpenWrt 19.07.4	Ubuntu Core(Ubuntu 20.04 64-bit)	
RTL8188CUS/8188EU 802.11n WLAN Adapter	Preinstalled driver	Yes	X
RT2070 Wireless Adapter	Preinstalled driver	Yes	X
RT2870/RT3070 Wireless Adapter	Preinstalled driver	Yes	X
RT8192CU Wireless Adapter	Preinstalled driver	Yes	X
Ralink MT7601/MT7601U	Preinstalled driver	Yes	X
5G USB WIFI RTL8821CU/RTL8811CU	Plug and play,Access Point mode by default	Yes	√
5G USB WIFI RTL8812BU	Plug and play,Access Point mode by default	Yes	√
5G USB WIFI RTL8812AU	Plug and play,Access Point mode by default	Yes	√