

1 G4-RK3566

Cortex -A55



Parameter list

CPU	Quad Core 64 bit Cortex-A55 Processor, up to 1.8GHz	
Cores/Threads	4 Cores / 4 Threads	
GPU	ARM G52 2EE Support OpenGL ES 1.1/2.0/3.2, OpenCL 2.0, Vulkan 1.1 Support 2D hardware acceleration	
VPU	Support 4K 60fps H.265/H.264/VP9 video decode Support 1080P 60fps H.265/H.264 video encode Support 8M ISP, HDR	
Memory	2GB / 4GB / 8GB LPDDR4 32Bit, up to 1600MHz	
Storage	16GB / 64GB / 128GB eMMC	
Network	10/100/1000Mbps Adaptive	
Extendable	WIFI+Bluetooth	
OS	Android11、Ubuntu20.04、Debian10、Centos8.3	
I/O Interface	1*USB3.0、 3*USB2.0、 1*HDMI、 1*RJ45、 1*Type-c DC 、 1*MIC-IN&LINE-OUT	
Display Mode	1 × HDMI 2.0, Support 4K@60fps output HDMI Resolution: 4096*2304@60Hz	
Boot Mode	Auto-power-on	
Working Environment	Temperature: -10~60 °C	Relative Humidity: 0~95% (No Condensation)
Working Voltage	DC 5V - 2A	
Static Electricity	Contact discharge 2K, Air discharge 6K	
Storage Environment	Temperature: -10~60 °C	Relative Humidity: 0~95% (No Condensation)

BIOS Function