

Specifications		
System	CPU	RK3566, quad-core Cortex-A55, Clock up to 1.8GHz
	GPU	Mali-G52 2EE
	NPU	Support 1Tops Computing power
	RAM	With Standard 2GB/4GB/8GB LPDDR4
	ROM	With Standard 8GB EMMC,Up to 128GB
Display	LVDS	30Pin dual-channel LVDS interface, supporting up to 1080P resolution
	HDMI	HDMI 2.0 interface, supporting up to 4K resolution
	MIPI	31Pin FPC MIP-DSI interface, supporting up to 1920x1200 resolution
	eDP	Standard eDP interface, supporting up to 1080 resolution
Audio	Headphone	Four-stage 3.5mm headset socket, supports plugging headphones into the speaker to mute
	line out	Standard left and right channel line output
	MIC	Single-ended MIC input
	Amplifier	8 ohm 6W dual audio amplifier output
Internet	Ethernet	1-way 10/100/1000Mbps adaptive Ethernet
	WIFI	High-performance WiFi,Support 802.11b/g/n/ac
	Bluetooth	High-performance BT, supportBT V5.2
I/O Interface	USB Host	2 external USBs (USB 2.0*1, USB 3.0*1), 8 built-in USB2.0 (1 of which is CPU pass-through USB)
	USB OTG	1 USB2.0 OTG interface
	TF Card	Self-popping TF card socket, support 128GB TF card
	Serial ports	4-way TTL/RS232 serial port, 1-way TTL/RS485 serial port
	RTC	Low power consumption RTC circuit with CR1220 battery
	SATA hard drive	1 standard SATA 3.0 hard disk interface (with power header)
	I2C	2-way I2C interface
	Backlight	1-way backlight control interface, supports switch and brightness adjustment
	Infrared	Infrared receiving pin header
	GPIO	8-wayGPIO Signal
	Button	Burn button And power button
	Pilot lamp	Red standby indicator And green working indicator
	POE	1-way POE power receiving interface
Power	DC input	12V DC supply, 9V-15V wide voltage input
Environment	Working temper	-20℃~70℃
	Working humidit	0%~95%(no condensation)
	EMC	FCC,CE,ROHS
Operating system	Android System	Recommand Android 11
	Linux System	Linux Buildroot/Qt,Debian 10,Ubuntu 18.04 optional
Size	Size	100mm*90mm
	Thickness	9mm