

Processor advantage

Open source, chip series, first-class stability. etc.



System supports

Andriod
Linux(Yocto,Ubuntu,Debian)
Free RTOS(For M4 Core)



Customizable

Customizable hardware interface functions, board functions.
Structure of the custom.



Applications

Mobile Kiosks/POCs,Video streaming, voice, audio streaming,and immersive audio, and the smart home



Bright spot functions

Compact size, low power consumption, expandable peripheral interface



Advanced security

Data encryption, high security level



Wide operating temperature

Commercial grade operating temperature: 0°C to +70°C
Industrial grade operating temperature: -40°C to +85°C



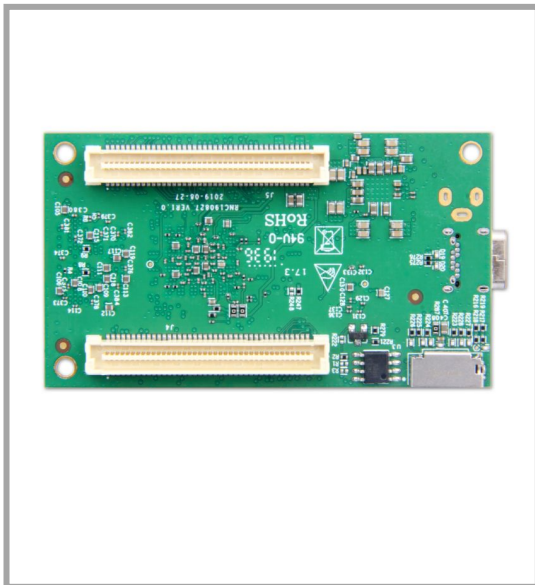
Enterprise service

Provide comprehensive quality assurance, after-sales service and technical support

Product Specification

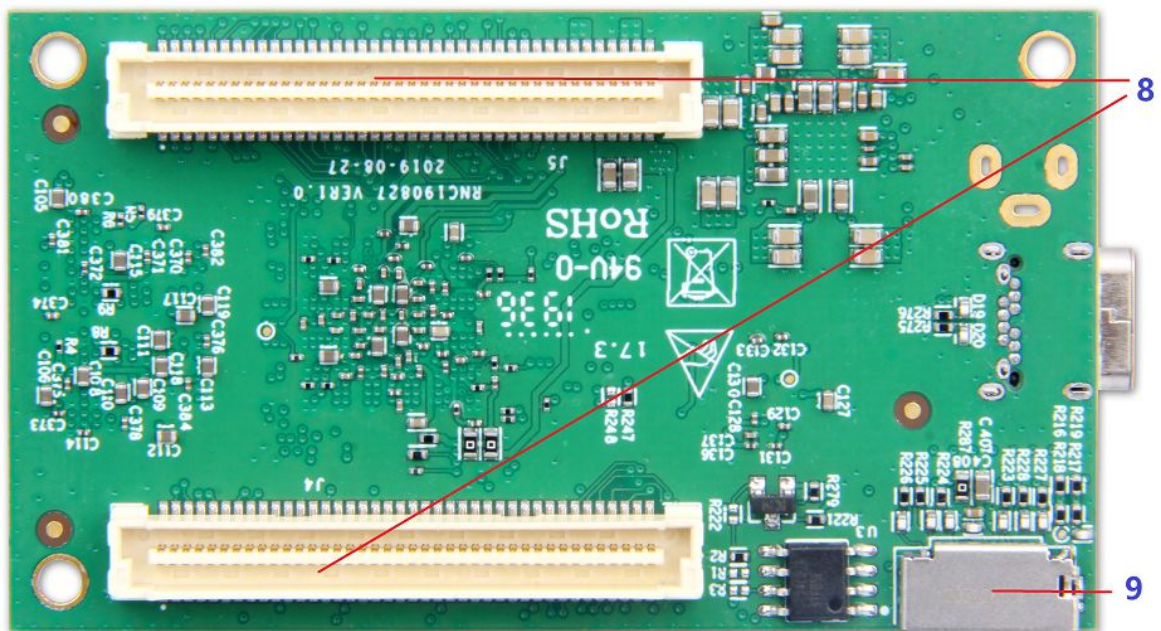
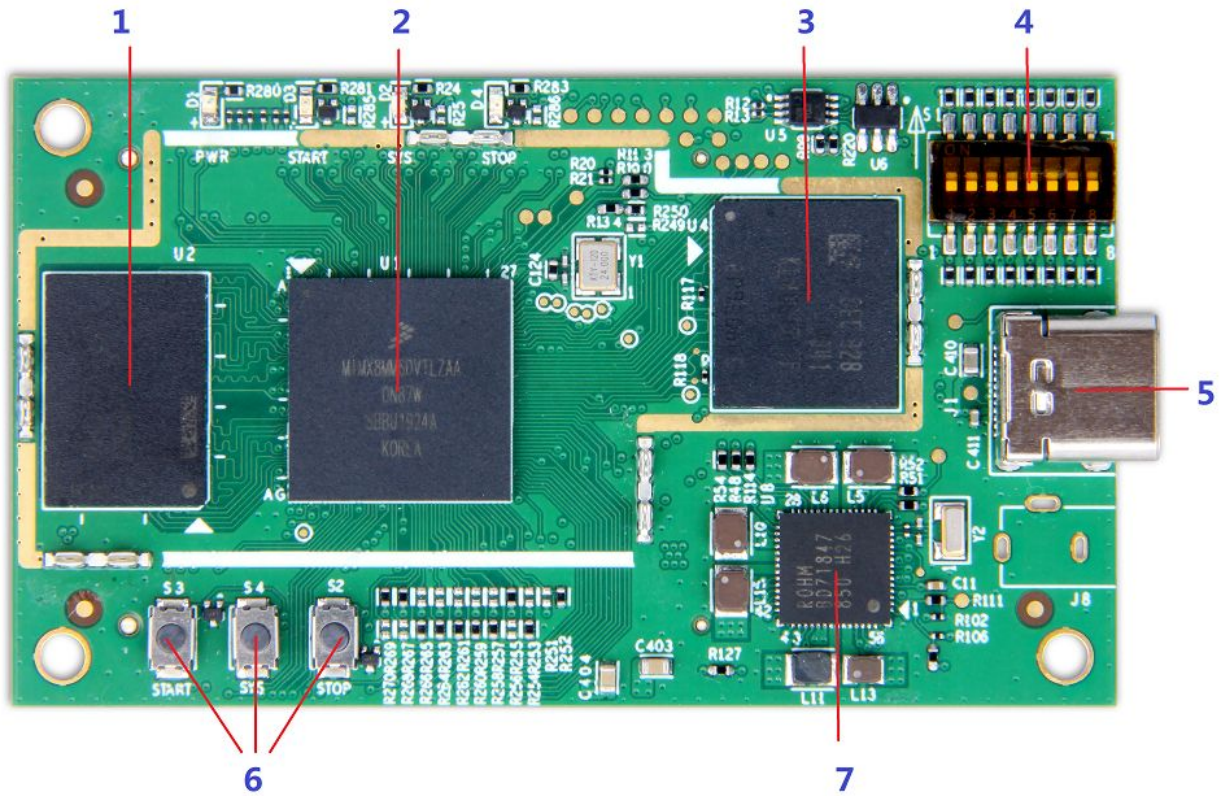


Processor	i.MX 8M Mini Quad ARM Cortex-A53&Cortex M4
Memory/Storage	2GB LPDDR4(1-4GB optional) 8GB eMMC5.1(8-128GB optional)
Connectivity	Dual band Wi-Fi 2x2 802.11a/b/g/n/ac;Bluetooth 4.1
Peripheral	Key*3 TF slot*1 DIP switch*1 Type C*1
Indicator light	LED*4
OS-support	Linux(Yocto) Android
Audio interface	PCM/IIS -TX/RX



Expansion connector	<p>●2x 80 pin High-Speed connector</p> <p>Uart*4,IIC*4,MIPI DSI*1,MIPI CSI*1,PCIe*1,SPI*2,USB*1,GPIO*18 SAI*2,Eth*1,Audeo*1,</p>
Size (mm)	70 x 40
Operating Temperature	0°C to +70°C (optional -40°C to +85°C)
Net Weight (g)	15
Power	5V/1A

Quick Manual



1	LPDDR4	2	CPU
3	eMMC	4	Switch
5	USB Type C	6	Function KEY
7	PMU	8	High Speed Connector(per 60 pin)
9	TF slot		