

Processor advantage

NXP i.MX8m mini and its family.



System supports

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



Customizable

Customizable hardware including interface,
onboard memory size, formfactor



Applications

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



Highlights

Compact size, low power consumption,
expandable peripheral interface



Advanced security

Data encryption, high security level



Wide operating temperature

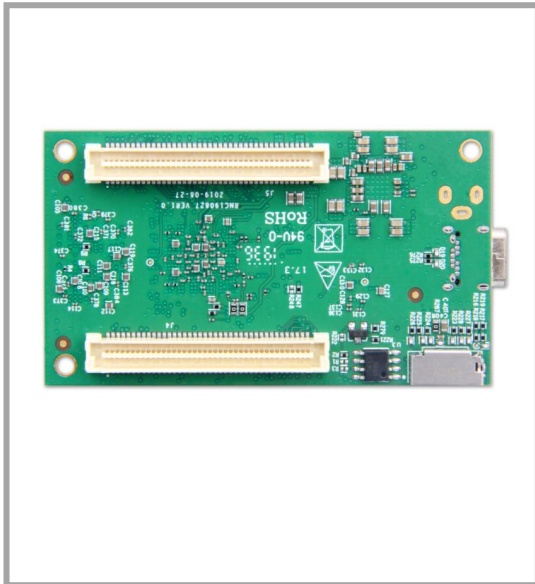
Commercial grade operating
temperature: 0°C to +70°C
Industrial grade operating temperature:
-40°C to +85°C



Lifecycle 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	1GB 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

●2x 80 pin High-Speed connector
Uart*4,IIC*4,MIPI DSI*1,MIPI
CSI*1,PCIe*1,SPI*2,USB*1,GPIO*18
SAI*2,Eth*1,Audeo*1,

Power	DC +5V
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