

EMB-2511

Based on NXP i.MX 8M Mini Quad Core Processor PICO-ITX Motherboard



Product :

- ◆ Based on NXP i.MX 8M Mini 4*A53 processor
- ◆ On board 2GB DDR4 memory, 16GB EMMC, 1x TF card slot
- ◆ Support LVDS (2*15 2.0mm JST connector) , built-in display port
- ◆ Provide 1x RS232/485, 1x RS232, 1x COM Debug, 4x USB2.0, 1x USB OTG, 1x LAN, 1x MIPI Camera, 1x HeadPhone, support WIFI, BT
- ◆ Provide 1x MINI PCIe (support 3/4G) , 1x SIM card slot (support 4G)
- ◆ Dimension: 105mmx 80mm



Specification :

Model	
Platform	NXP ARM platform
CPU	NXP i.MX 8M Mini 4x A53 processor
Memory	On board 2GB DDR4 memory
Storage	On board 16GB EMMC Flash , 1x TF card slot
GPU	CPU integration
Display	1x LVDS (2x 15Pin pin)
Touch	Support
Ethernet	1x LAN, 10/100/1000Mbps WIFI, BT, support 3G/4G network
USB	4x USB2.0 TYPY A, 1x USB OTG
COM	2x COM (1x RS232/485, 1x RS232) , 1x COM Debug
Audio	1x HeadPhone (multiplexing optional)
Other I/O	1x MIPI Camera , 4x GPIO/1x I2C/1x SPI (multiplexing optional) ; Provide 1x MINI PCIe (support 3/4G) , 1x NANO SIM card slot
System Control	1x Reset switch , 1x PWR LED
RTC	Support
Watchdog	Support
Power Supply	Single power supply+12V DC
Temperature	Operating Temperature : -20°C ~ 70°C Storage Temperature : -40°C ~ 85°C
Humidity	5% ~ 95% RH, non-condensing
Size	105mmx 80mm
OS	Android 9.0 above/Linux

Dimension :

