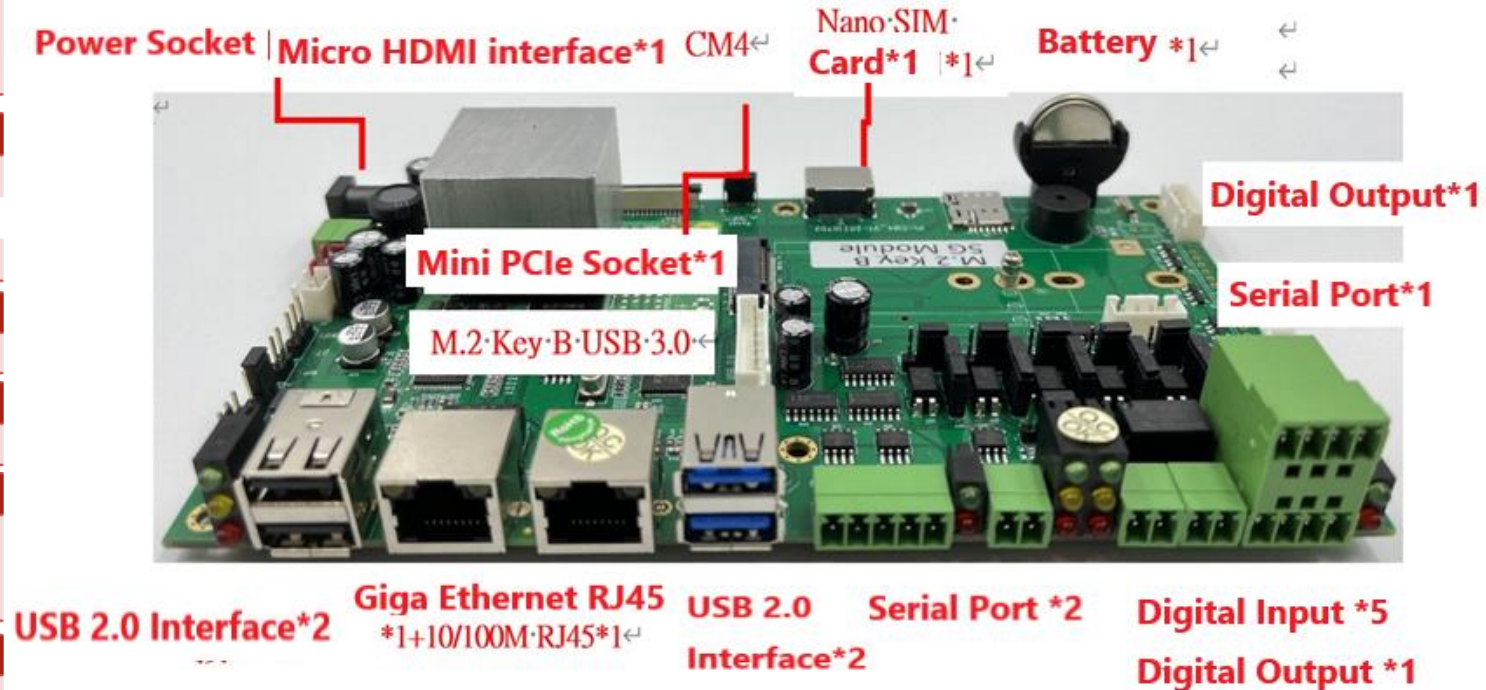




碩久科技有限公司  
MaxLong Technology Co., Ltd

# Raspberry Pi Computing Module Core Board Backplane - Compute Module 4 I/O Board



## Connectivity

Wireless	Wifi 802.11b / g / n / ac (2.4/5GHz) (optional) Bluetooth 5.0 BLE (optional)
5G	M.2 key B USB 3.0 / PCI-E for 5G (optional)
4G	Mini-PCIe : USB 2.0 for 4G /NB-IoT / LoRa ,(optional) Nano SIM Slot for 5G /4G/NB-IoT
Ethernet	10/100/1000 Mbps Giga Lan*1 (RJ45) , 10/100Mbps * 1 (RJ45)

## Interface

USB 3.0\* 2, USB 2.0 \* 2 , (optional) M.2 key M for PCIe SSD

## Serial Port

Port 1:RS-232/422/485 \*1 , Port 2: RS-232/485 \*1

## Digital Input

Digital Input \* 5 Pin  
(Active High / Active Low Selectable)  
Dry contac  
Logic level 5 : open  
ct : Logic level 0 : close to GND  
Wet contact : Logic level 0: 0 ~ 3 V.  
Logic level 1: 10 ~ 30 V

## Digital Output

Digital Input \* 1 Pin  
(Active High / Active Low Selectable)  
120VAC @0.5AA, 240VAC @0.25A  
30VDC@IA

## Mechanical & Environment

Operating Temperature	- 20 °C ~ 75 °C
Storage Temperature	- 25 °C ~ 80 °C
Dimensions	170mm x 110mm ( W x D)

## Power

DC 9~32V, 1000mA@ 12V (DC Jack or Terminal Input)

## LED

PI PWR/EMMC /Serial / DI / DO / SYS- Customer defined / 5G / 4G

## Others

RIC : Real Time Clock* 1 (with Battery)	Reset Button*1
Buzzer*1	MIPI CSI 2-lane*1(optional)
Watch Dog Timer	Fan - DC 12V (optional)

## Warranty

Warranty period : 1 year