



Features

- TI AM335x ARM Cortex A8 CPU
- Onboard 256MB DDR3 SDRAM
- Onboard 256MB NAND Flash
- 10/100M Ethernet
- 2*RS232/485
- 2*USB 2.0
- 4G/GPRS/WIFI/NB-IOT Option
- Support Linux 4.4.12/3.2.0
- Support Modbus TCP/RTU/ASCII、MQTT、OPC UA

Specifications

Spec Item	ARiio-5120	ARiio-5120W
System		
Processor	ARM Cortex-A8 series TI-AM335x	
Memory	Onboard 256MB DDR3	
Storage	Onboard 256MB NAND Flash	
I/O Interface		
Reset IP	1*Reset switch Reset IP	
Ethernet	2*10/100M LAN Port RJ45 Connector	1*10/100M LAN Port RJ45 Connector
Serial/Parallel	2*RS232/RS485 Support 2.5KV photoelectric isolation protection	
USB	2*USB2.0 （2*6 Pin header female,1*Type A connector）	
Expansion	4*DI: 2*Dry Contact、2*Wet Contact (5V/12V/24V)	
	4*AI: 4-20mA or 1-5V	
	6*DO: 2*Relay、4*Wet Contact （5V/12V/24V@200mA）	
Wireless	--	4G/GPRS/WIFI/NB-IOT Option
Storage Space		
Storage	1*Micro SD on board	
Display		

LED	1*PWR 1*RUN 2*GPIO (for RS232/485)
<i>Power</i>	
Power Input	Wide Range DC 9~36V Input
Power Connector	3.5mm 1*2 Pin power input connector
Power consumption	180mA/12V, MAX: 350mA/12V
<i>Dimension</i>	
Dimension(L*H*W)	160mm*25mm *110mm
<i>Environmental</i>	
Operating Temperature	-20~70°C
Storage temperature	-40~85°C
Humidity	10 to 90% @ 40°C
Certification	Meet CE/FCC Class A
<i>Support Protocol</i>	
Protocol	Modbus TCP/RTU/ACSII、MQTT、OPC UA
<i>Support OS</i>	
OS	Support Linux kernel 4.4.12/3.2.0

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