



ARIIO-5130(W)

- High-performance industrial grade 32bit processor
- Fanless design IP30
- Watchdog Timer
- RS232/RS485
- 4G LTE
- TCP/IP, UDP, FTP, HTTP protocols
- Linux4.4/3.2, support C/python



TI Cortex-A8 600MHz

-  High-performance chips
-  Wide operating temperature & voltage range
-  Watchdog Timer



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Industrial Hardware Platform, Durable and Reliable

- High quality and rugged design
- Suitable for various application field with wide operating temperature & voltage range, multiple serial ports and low consumption design
- Equipped many protection mechanisms: EMC level 4, ESD protection, power isolation and optoelectronic isolation
- Support data storage, RTC and protect data from losing when power outage

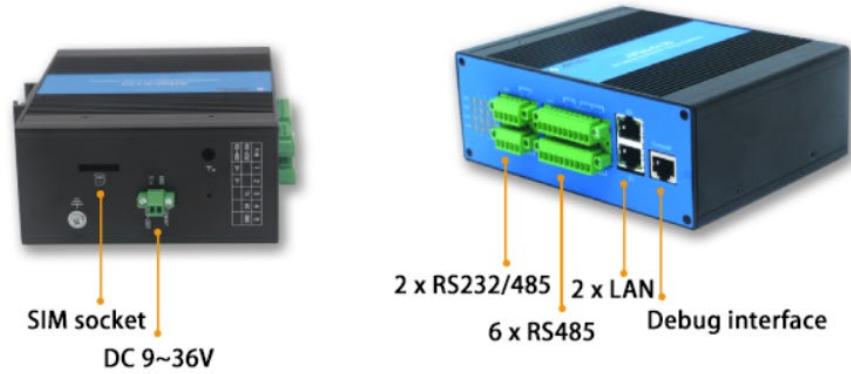


Software Configuration

- ◆ Provide software configuration and software testing
- ◆ Upper/ lower computer embedded system design with Android/ Linux programming
- ◆ Support Virtual Serial Port
- ◆ Support remote software upgrade
- ◆ Support redevelopment



Product Details



Wired/ Wireless Power Gateway with Multiple Serial Ports

- Hardware Design & IP30 certification for Industrial Application
- 2 x RS232/485, 4 x RS485
- Support Ethernet, GPRS, 4G, WI-FI and more communication mode
- Support TCP/ IP, UDP, FTP, HTTP, etc.
- Support DIN rail mounting



Models	ARiio-5130	ARiio-5130W
System		
CPU	TI AM3352 ARM Cortex A8 600MHZ	
Memory	Onboard 512MB, up to 1GB	
Storage	Onboard 256MB, up to 1GB	
I/O		
Reset	Reset IP	
LAN	2 x 10/100Mbps RJ45	
Serial ports	2 x RS232/RS485 4 x RS485 2400~115200bits/s	
USB	2 x UBS2.0(2.0mm, 2X6 pin-header)	
Power	2Pin DC 9-36V	
Led indicator	1 x power, 1 x storage, 12 x RX/TX, 2 x GPIO	
Consumption		
Input	DC 9-36V	
Consumption	Min: 250mA/12V, MAX : 1A/12V	
Current	Min : 250mA, MAX : 1A	
Communication Consumption	4G: 1A/12V	
Expansion		
Expansion slot	MPCIE (USB Signal)	
Mechanical		
Dimensions(L*H*W)	160mm*60mm *121mm	
Construction	Aluminum IP30	
Operating Temperature	-20~70°C	

Models	Ariio-5130 Ariio-5130W	
Storage Temperature	-40~85°C	
Humidity	10%~90%	
4G		
Band	—	FDD LTE : Band 1/3 , Band 2/4/5/13/17/25 CDMA 1XRTT/EVDO 800/1900MHz TDD-LTE、 FDD-LTE、 EVDO、 WCDMA TD-SCDMA、 CDMA1X、 GPRS/EDGE
Speed	—	FDD LTE: Cat-12(download: 600Mbps, upload: 150Mbps) Cat-6(download: 300Mbps, upload: 50Mbps) Cat-4(download: 150Mbps, upload: 50Mbps) TDD LTE(download: 61Mbps, upload: 18Mbps) CDMA2000 1X EVDO Rev A (download: 3.1Mbps, upload: 1.8Mbps) WCDMA(download: 42Mbps, upload: 5.76Mbps) TD-SCDMA(download: 4.2Mbps, upload: 2.2Mbps)