

# F1930A

Din rail industrial computer with Intel E3845 CPU, 4x GbE RJ45, 2x Rs232, 5x RS485 COM, 9~36V DC input



## Specifications

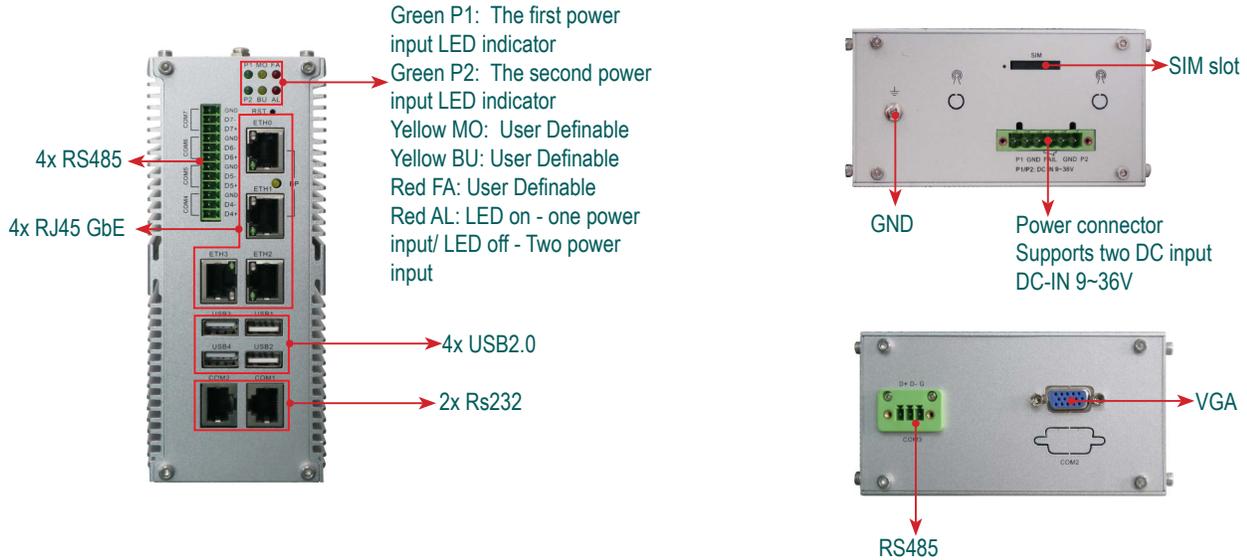
Motherboard	
CPU	Onboard Intel quad-core E3845 1.91GHz processor with 2MB L2 cache
BIOS	SPI FLASH BIOS
System memory	Max 8GB RAM
Storage	
Interface	One mSATA Interface
Hard Drive	MAX 512G mSATA SSD
CF slot	None
Ethernet	
LAN Port RJ45	Four 10/100/1000Mbps RJ45 network interfaces
BYPASS	One channel LAN BYPASS
Indicator	LAN link, active, speed LED, built-in BYPASS status LED
System I/O	
USB	Two USB2.0
COM RS232	Two RS232(Rj45 interface)
COM RS485	Five RS485 Phoenix Interfaces
Indicator	One Power LED, one HDD LED
Display	One VGA interface, supports hot plug, maximum resolution support 2048x1536
Reset	One built-in reset button
DIO	8 digital level input and output interfaces (4 inputs, 4 outputs)
Watchdog	1~255 seconds programmable software watchdog

## Features

- Din rail industrial computer, Aluminum extrusion case fanless design
- Onboard Intel Atom quad-core E3845 processor, 1.91GHz, 2MB cache
- One 204pin 1600MHz DDR3L RAM, max 8GB RAM
- Four Gigabit Ethernet ports, support one channel LAN BYPASS
- Two RS232 RJ-45 port
- Five RS-485 COM isolated interface
- Optional a 4G model(external SIM slot)
- Four USB2.0, mSATA storage
- Two 9~36V DC inputs, with alarm for power failure
- Support DIN RAIL type installation for industrial application

4G module	One full Netcom 4G module, external SIM slot
Power Supply	
Power consumption	60W power adapter
Power input	Dual 9 ~ 36V wide range DC input
Environments	
Mounting	Support DIN-RAIL rail type installation
Operate Temperature	-40°C ~ 70°C
Storage Temperature	-50°C ~ 85°C
Operate Humidity	5% ~ 85% non-condensing @ 40°C
Storage Humidity	5% ~ 95% non-condensing
Mechanical	
Chassis Color	Silver
Front panel	Front panel silk-screen [Customized LOGO optional]
Construction	Aluminum extrusion chassis
Dimensions (W x H x D)	60.8 x 158.1 x 122 mm
Weight	3 kg
Ordering information	
Model	Descriptions
F1930A	Din rail Industrial embedded computer, Aluminum extrusion chassis, E3845 CPU, 4 x GbE RJ45 with one lan bypass, 2x Rs232 and 5x RS485 COM, Dual 9 ~ 36V input, 60W Power adapter

## Pictures & Views



## Dimensions Diagram

Dimensions (WxHxD): 60.8x158.1x122 mm

