F19307

Din rail industrial computer network appliance with 3 Rj45 GbE network ports, Intel E3845 processor

Features

- Din rail industrial computer, network application appliance
- Aluminum extrusion case, wide temperature and fanless design
- Intel low-power Atom quad-core E3845 processor, 1.91GHz, 2MB cache
- One 204pin 1600MHz DDR3L RAM slot, up to 8Gb
- Three Gigabit Ethernet ports, support one channel LAN BYPASS
- One RJ-45 Console serial port, Optional RS-485 isolated interface
- Two USB2.0, mSATA storage
- Two 9~36VDC wide voltage DC inputs, with alarm for power failure
- Support DIN RAIL type installation for industrial application

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	Three 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	
Display	One VGA interface, supports hot plug
USB	Two USB2.0 Pin interface
Button	One built-in reset button
COM	One RS232 Pin interface, External RS-485 interface with isolation
TPM	One TPM interface
DIO	8 digital level input and output interfaces (4 inputs, 4 outputs)
Watchdog	1~255 seconds programmable software watchdog, support system reset

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

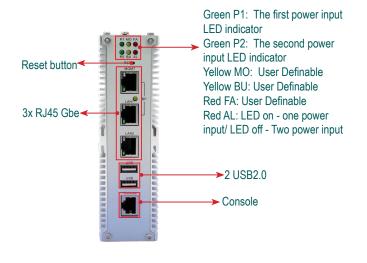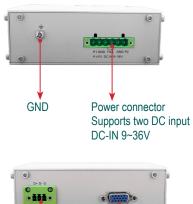| Mechanical	
Chassis Color	Silver and Blue
Front panel	Front panel silk-screen [Customized LOGO optional]
Construction	Aluminum extrusion chassis
Dimensions (W x H x D)	45 x 158.1 x 122 mm
Weight	2.5 kg

Ordering information

Model	Descriptions
F19307	Din rail Industrial computer - network application appliance, Aluminum extrusion chassis, Intel E3845 CPU, 3 x RJ45 GbE , one LAN bypass, 1x RS485 COM, Dual 9 ~ 36V input, 60W Power adapter

Pictures & Views

Green P1: The first power input LED indicator
Green P2: The second power input LED indicator
Yellow MO: User Definable
Yellow BU: User Definable
Red FA: User Definable
Red AL: LED on - one power input/ LED off - Two power input

Reset button

3x RJ45 Gbe

2 USB2.0

Console

GND

Power connector
Supports two DC input
DC-IN 9~36V

RS485

VGA

Dimensions Diagram

Dimensions (WxHxD): 45 x158.1x122 mm

122

45

158.1

* All the specifications and photos are subjected to be changed without notice.

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