



Main Features

- Intel Atom® processor E3815, BGA type
- DDR3-1066 SO-DIMM memory, Max. 8GB
- Support 4 PCIe GbE LAN ports
- Support -40°C~70°C extended operating temperature
- Redundant DC Input, support 9~30V DC input

Specifications

Main Board

- ISA 1120A
- Intel Atom® processor E3815, BGA type 1 core 1.46GHz

Main Memory

- DDR3L 1067 SO-DIMM memory, max. 8GB

LAN Features

- 4 x LAN Chip: Intel® i210-IT
- Support 10/100/1000 link speed
- 4 x copper port

Expansion

- VGA 1 x DB15 connect (on-board)

I/O Interface-Front

- 1 x USB 2.0 + 1 x USB 3.0
- 4 x RJ45 port (bypass function 1 pair)
- 2 x DC input 1 x 2-pin
- 1 x Reset button
- 1 x GPIO button
- LED for power status/bypass status/CFast status

I/O Interface-Rear

- 2 x Console port (support RS232/RS422/RS485)

Storage Device

- Support 1 x CFast type slot

Power Input

- Redundant DC input power adapter (65W), support +9V to +30VDC input

Chassis Dimensions

- Chassis dimension: 190 mm x 140 mm x 70 mm
- Carton dimension: 301 mm x 268 mm x 250 mm

Weight

- Without packing: 2.2 Kg
- With packing: 3.8 Kg

Environment

- Operating temperature : -40°C~70°C
- Storage temperature : -40°C~85°C
- Relative humidity : 5%~95% non-condensing

Certifications

- CE approval
- FCC Class A
- UL

Ordering Information

- **ISA 1120A (P/N: 10Q00112001X0)**
Fanless industrial grade desktop Intel Atom® processor E3815 1C/1.46GHz with 4 Giga LAN ports with 1pairs bypass, operation temperature: -40°C~70°C