

ISA 1120A

Intel® Atom™ Processor E3800 Product Family BGA Type,
with 4 PCIe GbE LAN ports



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

Main Memory

- DDR3 1066 SO-DIMM memory, Max. 8GB

LAN Features

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

I/O Interface-Front

- 2 x USB2.0 port
- 4 x RJ45 port (bypass function 1 pair)
- 1 x VGA (internal debug)
- 2 x DC input 1 x 2-pin
- 1 x Reset button
- 1 x GPIO button
- Power status/bypass status/CFast status

I/O Interface-Rear

- 2 x Console Port (support RS232/RS422/RS485)
- 1 x CFast

Devices

- None

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

