



Main Features

- Intel Atom® x6416RE processor
- 8GB LPDDR4 onboard
- 40GB pSLC eMMC onboard
- 2 x USB 3.2 Gen 2, Type-A
- 3 x 1GbE RJ45 port with 1-pair bypass (default: standard NIC mode)
- 1 x RJ45 console port
- Dual DC (12~48V)

Product Overview

NEXCOM ISA 120 powered by Intel's Atom® quad core processor, is an ultra compact fanless OT security gateway equipped with three 1 GbE ports for network connectivity with one bypass pair (default: standard NIC mode). Its space saving, rugged DIN rail design allows ISA 120 to be easily embedded into limited spaces.

Specifications

Main Board

- Intel Atom® x6416RE processor, TDP 9W
- TPM 2.0 onboard

Main Memory

- 8GB LPDDR4 onboard

Storage

- 40GB pSLC eMMC

Interface External

- 3 x 1GbE RJ45 port with 1-pair bypass (default: standard NIC mode)
- 1 x RJ45 console port
- 2 x USB 3.2 Gen 2, Type-A
- Reset button
- LED: SYS/SYS1/SYS2/SYS3/PWR 1/PWR2/BYPASS
- 1 x Ground screw

Power

- Dual DC (12~48V)

Dimension and Weight

- Chassis dimension: 40 mm (W) x 110 mm (D) x 147 mm (H)
- Package dimension: 279 mm (W) x 212 mm (D) x 163 mm (H)
- Net weight: 0.965 kg
- Gross weight: 1.685 kg

Environment

- Operating temperature: -40°C~65°C
- Storage temperature: -40°C~85°C
- Relative humidity: 5%~95% non-condensing

Certifications

- CE/FCC Class A

Ordering Information

• ISA 120 (P/N: 10L10012000X0)

Intel Atom® processor x6416RE, 4 cores, 8GB LPDDR4, 40GB pSLC eMMC, 3 x 1GbE RJ45 port with 1-pair bypass (default: standard NIC mode)