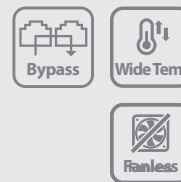


ISA 120

Fanless Ultra-compact OT Security Gateway
with Intel Atom® Processor, and 3 x 1GbE Copper Ports



Main Features

- ♦ Intel Atom® x6416RE Processor
- ♦ 8GB LPDDR4 onboard
- ♦ 40GB pSLC eMMC onboard
- ♦ 2 x USB 3.1 ports
- ♦ 3 x 1GbE RJ45 ports with 1-pair bypass
- ♦ 1 x RJ45 console port
- ♦ Dual DC (12~48V)

Product Overview

NEXCOM ISA 120 powered by Intel's Atom® quad core processor, is ultra compact fanless OT security gateway equipped with three 1GbE ports for network connectivity with one bypass pair. Its space saving, rugged DIN rail design allows ISA 120 to be easily embedded into limited spaces while embedded OOB management function simplifies device monitoring and management, including remote power on/off and reboot.

Specifications

Main Board

- ♦ Intel Atom® x6416RE processor, 4 cores, 1.5M cache, 1.70 GHz
- ♦ TPM 2.0 onboard

Main Memory

- ♦ 8GB LPDDR4 onboard

Storage

- ♦ 40GB pSLC eMMC

Interface External

- ♦ 3 x 1GbE RJ45 ports with 1-pair bypass
- ♦ 1 x RJ45 console port
- ♦ 2 x USB 3.1 ports
- ♦ Reset button
- ♦ LEDs: SYS/SYS1/SYS2/SYS3/PWR 1/PWR2/BYPASS
- ♦ 1 x Ground screw

Power

- ♦ Dual DC (12~48V)

Dimension and Weight

- ♦ Chassis dimension (mm): 40 x 110 x 147 (W x D x H)
- ♦ Package dimension (mm): TBD
- ♦ Without package: TBD kg
- ♦ With package: TBD kg

Environment

- ♦ Operating temperature: -40°C~75°C
- ♦ Storage temperature: -40°C~85°C
- ♦ Relative humidity: 0%~95% non-condensing

Certifications

- ♦ CE/FCC Class A

Ordering Information

- ♦ **ISA120 (P/N: 10L10012000X0)**
Intel Atom® processor x6416RE, 4 cores, 8GB LPDDR4, 40GB pSLC eMMC, 3 x 1GbE RJ45 ports with 1-pair bypass