# SCB-6012A/B

Industrial DIN-Rail Firwall

## AEWIN Technologies Co., Ltd.

Industrial Firewall Appliance with Intel Atom® Apollo Lake X5-E3930/X5-E3940 CPU onboard, DDR3L, 1/2x SFP, 2/5x RJ45, 2x USB 3.0, 1x Console Port, Full-Sized Mini-PCIe, M.2 2242, 1xSATA III Port, 1x Micro SD, 1x Micro SIM, Dual 12V~36V DC Input



**SCB-6012A**       **SCB-6012B**

### ■ Features

- Extruded aluminum and heavy-duty steel
- Fanless design with lower power consumption
- Intel® Atom™ processor X5-E3930/X5-E3940 CPU onboard
- DDR3L 204 Pin SO-DIMM and support DDR3L 1333/1600/1866 memory module
- Reserved 2x8 pin VGA connector/1x M.2 2242 socket(PCIe and SATA III Port)
- 1x Full mini-PCIe socket(PCIex1 and USB 2.0 Signal) for WIFI/4G LTE Module
- 1x Serial Port (RJ45 type), 2x USB 3.0 Port, SIM Card Holder, Micro SD socket
- 4 in & 4 Out with 2x5 pin DIO connector

## Introduction

SCB-6012A/B is Industrial Firewall Appliance is a compact fanless industrial grade appliance with Intel® "Apollo-lake-I" Atom™ X5-3930/X5-E3940 CPU. Deployed in remote, unmanned and harsh environments, SCB-6012A supports 1x SFP, 2x RJ45,2x USB 3.0 Port,1xconsole Port and extended operating temperature from -20 to 70 degrees

SCB-6012B supports 2x SFP, 5x RJ45,2x USB 3.0 Port, 1x Micro SD, 1x Micro SIM, 1xconsole Port and extended operating temperature from -20 to 70 degrees.

It also boosts for its flexible design with versatile mounting options (DIN-Rail) and Ethernet LAN configuration, making it perfect for performing at critical infrastructure such as Oil refinery, Substation, Power plants, Manufacturing factories

## Specification

### ▼ Processor System

| | |
|---|---|
| CPU | Intel X5-E3930/X5-E3940 CPU onboard (Code name is Apollo-Lake-I) |
| Chipset | SOC Integrated |
| BIOS | AMI EFI with CMOS backup in 64Mbit SPI BIOS |

### ▼ Memory

| | |
|---|---|
| Technology | DDR3L SO-DIMM 1866/1600/1333 |
| Capacity | Max. up to 8GB |

### ▼ Ethernet

| | |
|---|---|
| GbE Ethernet | 2/5x RJ45, 1/2x SFP |

### ▼ I/O

| | |
|---|---|
| USB | 2x USB3.0 |

### ▼ Expansion

| | |
|---|---|
| M.2 | 1x M.2 B+M Key 2242 Socket |
| PCI-E slot | 1x Full-sized Mini-PCIe |
| SIM | 1x Micro SIM |

### ▼ Storage

| | |
|---|---|
| SD Card | 1x Micro SD |

### ▼ Power Supply

| | |
|---|---|
| Power Connector | 1x4 pin Terminal-Block Connector |
| Power Consumption | TBD |
| Management | ACPI 5.0 compliant |
| Power States | ACPI Power Management Power-on mode for AC power recovery (Wake on by USB KB/Mouse under Suspend to RAM-S3) |

### ▼ Mechanical and Environment

| | |
|---|---|
| Form Factor | DIN-rail |
| LED | 1x Power LED 1x HDD LED 1x Status1 1x Status2 |
| Dimension (W x D x H) | SCB-6012A 130x150x68.4mm(WxDxH) SCB-6012B 130x150x100mm(WxDxH) |
| Operating Temperature | -20 ~ 70°C (-4 ~ 158°F) |
| Storage Temperature | -55 ~ 85°C (-67 ~ 185°F) |
| Humidity | 5-90% RH operating, non-condensing 5-95% RH storage |
| Weight | 1.5kg |
| Certification | CE/FCC |

SCB-6912A/B

Performance
Network System

Mainstream
Network System

Entry
Network System

Desktop
Network System

Industrial
DIN-Rail Firwall

▼ Packing List
- 1x SCB-6012A/B unit
- 1x CD (Manual, Quick installation guide, Utility driver)
- 1x DIN-rail kit
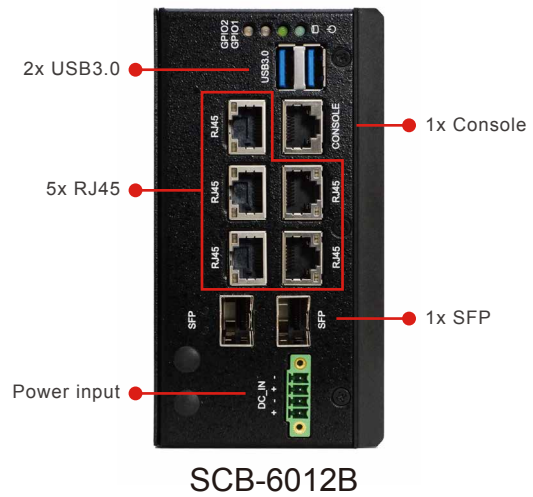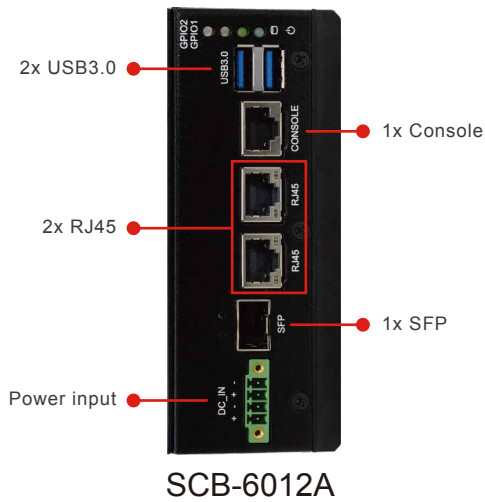- 1x SATA cable
- 1x console cable
- 1x power cord

▼ Optional
- Power adapter : GP006-376

▼ Ordering Information

| Standard | |
| --- | --- |
| SCB-6012A | Industrial Firewall Appliance with Intel Atom® Apollo Lake-I X5-E3930 CPU onboard,DDR3L,1xSFP,2xRJ45, 2xUSB 3.0, 1xConsole Port,Full-Sized Mini-PCIe,M.2 2242,1x SATAIII Port ,1x Micro SD, 1x Mirco SIM, Dual 12V~36V Input |
| SCB-6012B | Industrial Firewall Appliance with Intel Atom® Apollo Lake-I X5-E3940 CPU onboard,DDR3L,2xSFP,5xRJ45, 2xUSB 3.0, 1xConsole Port,Full-Sized Mini-PCIe,M.2 2242,1x SATAIII Port,1x Micro SD, 1x Mirco SIM, Dual 12V~36V Input |

## Physical Interface



SCB-6012A

2x USB3.0 — 1x Console — 2x RJ45 — 1x SFP — Power input

SCB-6012B

2x USB3.0 — 1x Console — 5x RJ45 — 1x SFP — Power input