

SCB-6011

Industrial DIN-Rail Box PC

AEWIN Technologies Co., Ltd.

Industrial DIN-RAIL Fanless BOX PC with Intel® Atom® Processor E3845, 8GB DDR3L, 2 Console, 6 GbE Copper with 3 pairs LAN bypass, 1 USB 2.0, 1 CF Card, 1 SATA SSD



Features

- Industrial Firewall Appliance
- Intel® Atom® Processor E3845 processor onboard(4C/1.6GHZ)
- 8GB DDR3L memory IC onboard onboard
- Compact size, multi-I/Os
- 2x serial port, 6x LAN port
- 9V~48V power input



Introduction

The SCB-6011 series are rugged design intelligent DIN-rail type fanless hardware platforms and designed for industrial automation, power substation, transportation and potentially explosive environments. The SCB-6011 series implement isolated protection design on Serial, Ethernet, power input and DI/DO ports for supporting comprehensive tough industrial applications. The systems provide the power input range from 9 to 48 VDC that allows you to use the same type of power source at different system voltage requirement around the global. In addition, the power module supports dual isolated redundant functionality to increase the reliability of your communications system and saves on cabling/wiring costs.

The SCB-6011 series includes two models according to different communication requirements. SCB-6011 is consisted of 6 isolated Ethernet RJ45 GbE ports with 3 pairs bypass and 2 isolated RJ45 Console ports (RS-232/422/485). Models with an extended operating temperature range of -40 to 75°C are also available. The SCB-6011 series are compliant with a number of industrial sections such as UL-508, C1D2 and ATEX requirement ; covering operating temperature, power input voltage, surge, ESD and vibration, making the system suitable for a variety of industrial applications.

Specifications

▼ Processor System

CPU	Intel® Atom® Processor E3845
BIOS	AMI® UEFI BIOS

▼ Memory

Technology	Onboard Un-buffered and Non-ECC DDR3L 1600 MHz memory
Capacity	Onboard 4GB/8GB

▼ Ethernet

GbE Ethernet	6x GbE Copper
LAN Bypass	3x pairs LAN bypass

▼ Storage

SATA	One Removable 2.5" SATA HDD/SSD bay
CompactFlash Socket	One CompactFlash™ Type II

▼ I/O

USB	1 x USB2.0
Serial	RJ45 RS-232/422/485 with 2KV isolated protection
GPIO	4 digital input and 4 digital output with 2KV isolated protection

▼ Operation System

Support MS WIN7, MS WIN10 (IoT/Enterprise OS), Linux

▼ Power Supply

Watt 12VDC/40W Power Adapter (Optional)

▼ Mechanical and Environment

Form Factor	DIN-rail
LED	1 x Power LED (Green) 1 x Status LED (Green/Red) 1 x HDD LED (Yellow) 1 x Bypass LED (Red, BP1) 1 x Bypass LED (Red, BP2/3)
Dimension (W x D x H)	170mm (W) x 145mm (D) x 60mm (H) (6.7W x 5.6" D x 2.1" H)
Operating Temperature	-40 ~ 75°C (-40 ~ 167°F)
Storage Temperature	-40 ~ 85°C (-40 ~ 185°F)
Humidity	5 ~ 95% relative humidity, non-operating, non-condensing
Weight	1pc/Box, 3.3kgs,
Certification	CE/FCC

* Note : All specifications are subject to change without prior notice

▼ Packing List

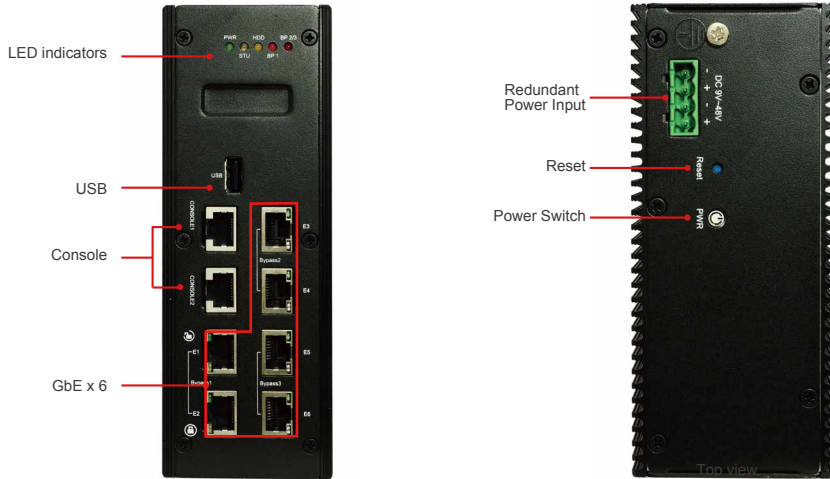
- 1 x SCB-6011 unit
- 1 x CD (Manual, Quick installation guide, Utility driver)
- One DIN-rail kit

▼ Ordering Information

Standard	
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Optional	
DK002	Cable development kit: 46L-CO5204-00 Cross over cable 46L-EC5200-00 Ethernet cable 46L-RJDB97-00 RJ45 to DB9 cable 46L-IVGA01-00 VGA cable 46L-IPS200-00 KB/MS cable DIN-rail power supply GP006-205 12VDC/75W dual output power supply

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■ Dimensions

