

# SCB-7910

Value Network Appliance

## AEWIN Technologies Co., Ltd.

1U rack-mount system with Intel® Atom® C3000R (Denverton Refresh) processors with 2x DDR4 (with ECC) 2400MHz SO-DIMM, 2x USB3.0, 1x SATA III, 1x M.2, 1x mSATA, eMMC (optional), 1x mPCIe, TPM 2.0 (optional), 6x RJ45 GbE, 2x 10 GbE SFP+ port, 1x Network Expansion module



### Features

- Support Single Intel® Atom® C3000R (Denverton Refresh) Processors, FCBGA1310
- 2x DDR4 (ECC) SO-DIMM memory, up to 2400 MHz
- Support Intel QAT (by SKU)
- 6x 1GbE RJ45, 2x 10GbE SFP+, 1x Expansion Module bay
- 1x 2.5"/3.5" SATA, 1x mSATA, 1x M.2, 1x mPCIe, 1x eMMC 5.0

### Description

The SCB-7910A is a 1U rack-mount networking system. It supports Intel® Atom® C3000R (Denverton Refresh) processors with QAT (encryption & decryption accelerator) for secure internet connection.

The SCB-7910A support 6x 1GbE RJ45 GbE and 2x 10G SFP+ ports. The SCB-7910A has 1x NIC module, 1x mPCIe and 1x M.2 slot for future expansion, e.g. 1G/10G/WiFi/LTE/5G module.

The SCB-7910A can connect with SATA/mSATA/eMMC storage. Customers can select suitable solution to meet their application.

### Specifications

#### ▼ Processor System

CPU	Support Intel Atom C3558R/C3758R Processor
BIOS	AMI® UEFI BIOS

#### ▼ Memory

Technology	2x DDR4 2400MHz ECC SO-DIMM
Capacity	Max up to 32GB

#### ▼ Expansion

Onboard Expansion Slots	1x Network Expansion module 1x mPCIe
M.2	1x M.2(B-key for LTE/5G module)

#### ▼ I/O

USB	2x USB 3.0
Serial	1x RJ45 Console port

#### ▼ Ethernet

GbE Ethernet	6x 1GbE RJ45 2x 10GbE SFP+
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#### ▼ Storage

SATA	1 x SATA III connectors
mSATA	1 x mSATA

#### ▼ Power Supply

Watt	65W Open Frame or 80W Redundant PSU
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#### ▼ Mechanical and Environment

Form Factor	1U Rackmount
LED	1x Status LED 1x Power LED 1x HDD LED
Dimension (W x D x H)	440mm(W) x 268 mm(D) x 44mm(H)
Operating Temperature	Operating: 0 ~ 40°C ( 32 ~ 104°F )
Storage Temperature	-20 ~ 75°C (-4 ~ 167°F)
Humidity	10 ~ 85% relative humidity, non-operating, non-condensing
Weight	3.5 kg
Certification	CE/FCC

#### ▼ Packing List

- 1x SCB-7910 unit
- 1x power cord

Ordering Information

SCB-7910A 1U rack-mount system with Intel C3558R platform, 2x DDR4 ECC, SO-DIMM, 1x SATA, 1x mSATA, 1x mPCIe slot, 1x M.2 slot and 1x network expansion modules

I/O

