

# SCB-7910

Value Network Appliance

## AWIN Technologies Co., Ltd.

1U rack-mount system with Intel Atom C3000 series CPU 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 Intel Atom C3000 series CPU processors
- 2x 10GbE SFP+ fiber ports
- 1x PCIe x8 slots for Network Expansion Module
- Support M.2 for LTE/5G module & mPCIe for WiFi module
- Support eMMC & TPM

### Description

The SCB-7910A is a 1U rack-mount networking system. It supports Intel ATOM C3000 series CPU 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 256GB (depend on memory type) |

#### ▼ Expansion

|                         |   |
|-------------------------|---|
| Onboard Expansion Slots | 1x Network Expansion module<br>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<br>2x 10GbE SFP+ |
|--------------|-------------------------------|

#### ▼ Storage

|       |                         |
|-------|-------------------------|
| SATA  | 1 x SATA III connectors |
| mSATA | 1 x mSATA               |

#### ▼ Power Supply

|      |                |
|------|----------------|
| Watt | 65W open frame |
|------|----------------|

#### ▼ Mechanical and Environment

|                       |   |
|-----------------------|---|
| Form Factor           | 1U Rackmount  |
| LED                   | 1x Status LED<br>1x Power LED<br>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, 2 x DDR4 ECC, SO-DIMM, 1 x SATA, 1 x mSATA, 1 x mPCIe slot, 1 x M.2 slot and 1x Network expansion modules

I/O

