

# SCB-6915

Entry Network Appliance

## AWIN Technologies Co., Ltd.

Desktop Network Appliance with Intel Celeron/Pentium/Atom (Alder Lake-N), up to 6x RJ45 ports (optional 1x 2.5GbE port or 1x 1GbE SFP port), 1x DDR4 SO-DIMM, 1x SATA, 1x mSATA, 1x eMMC, 2x USB 3.0, 1x M.2



### Features

- Support Single Intel Celeron/Pentium/Atom Processor (Alder Lake-N), FCBGA1264
- 1x DDR4 SO-DIMM memory, up to 3200 MHz
- 6 x 1GbE RJ45 ports (1x optional 2.5GbE port and 1x 1GbE SFP port)
- 1x M.2 B-Key or M-Key or E-Key
- 1x 2.5" SATA, 1x mSATA, 1x eMMC 5.1

### Description

SCB-6915, powered by Intel Atom x7000E Processor (Alder Lake N) featuring upgraded computing performance with low power consumption. SCB-6915 supports DDR4 memory with up to 16GB, 3200MHz and is designed with ultra-compact size & improved energy efficiency for entry-level networking solutions.

SCB-6915 has up to 5x 1GbE ports with 1 pair of Gen3 Bypass, 1x SFP, 1x M.2 slot for multiple options including 4G/5G module, Wi-Fi module, or NVMe storage device. It is flexible for various kinds of connectivity or functions per customer request. In addition, SCB-6915 offers 2x USB 3.0, and multiple storage options (1x eMMC, 1x SATA3 2.5" SATA SSD/HDD, and 1x mSATA).

Regarding security support, it has Intel AES-NI for crypto acceleration and TPM for protected data/keys/identity. It is also with many hardware-based secure technologies for system reliability including Intel TEE (Trusted Execution Environment) for sensitive data protection, and Intel OS Guard plus Intel Boot Guard for platform integrity.

SCB-6915 is not only suitable for edge deployment, but also ideal for silence environments uses with its optional fanless design. Featuring rich I/O and reliable hardware security in a small box. SCB-6915 is perfect for diverse applications such as uCPE, firewall, cybersecurity, and more.

### Specifications

#### ▼ Processor System

CPU	Intel® Celeron® Pentium® Atom® (Alder Lake-N) SCB-6915A, B: N97 (SKU2): 4C, 12W SCB-6915C: x7211E (SKU5): 2C, 6W
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Chipset SOC Integrated

BIOS AMI UEFI BIOS

#### ▼ Memory

Technology DDR4 up to 3200MHz

Capacity Max. 16 GB

#### ▼ Expansion

M.2 1x M.2 (B-Key or M-Key or E-Key)

#### ▼ I/O

USB 2x USB 3.0

Console 1x RJ45 console port

#### ▼ Ethernet

Controller Up to 6x Intel I210-AT  
Optional 1x I226-LM  
Optional 1x I210-IS

GbE Ethernet Up to 6x RJ45  
Optional 1x 2.5GbE  
Optional 1x SFP

#### ▼ Storage

SATA 1x 2.5"

mSATA 1x mSATA

eMMC up to 128GB eMMC 5.1

#### ▼ Power Supply

Watt 60W power adapter

#### ▼ Mechanical and Environment

Form Factor Desktop, Fanless

LED Power/HDD/Status/Bypass

Dimension (W x D x H) 232mm(W) x 152mm(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 2 kg

Certification CE/FCC

#### ▼ Packing List

- 1x SCB-6915 unit
- 1x power cord

## Ordering Information

**SCB-6915A** Desktop Network System with Intel Alder Lake-N N97 Processor, 1 x DDR4 SO-DIMM, 5 x Copper GbE (Intel I210-AT), 1 x fiber GbE (Intel I210-IS), 2 x USB 3.0, 1 x SATA, 1 x mSATA, 1 x M.2 B-key connector, eMMC 8G, 1 x Bypass

**SCB-6915C** Desktop Network System with Intel Alder Lake-N x7211E Processor, 1 x DDR4 SO-DIMM, 4 x Copper GbE (Intel 3x I210-AT + 1x I226-LM), 2 x USB 3.0, 1 x SATA, 1 x mSATA, 1 x M.2 E-key connector, eMMC 8G, w/o Bypass, Fanless

**SCB-6915B** Desktop Network System with Intel Alder Lake-N N97 Processor, 1 x DDR4 SO-DIMM, 4 x Copper GbE (Intel I210-AT), 2 x USB 3.0, 1 x M.2 M-key connector, eMMC 8G, w/o Bypass, Fanless

## I/O

