# SCB-6915

Entry Network Appliance

## AEWIN 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, 1 x SATA, 1 x mSATA, 1x eMMC, 2 x USB 3.0, 1x M.2



#### 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

<ul> <li>Processor System</li> </ul>		<ul> <li>Storage</li> </ul>	▼ Storage	
CPU	Intel® Celeron® Pentium® Atom® (Alder Lake-N) SCB-6915A, B: N97 (SKU2): 4C, 12W SCB-6915C: ×7211E (SKU5): 2C, 6W	SATA	1x 2.5"	
		mSATA	1x mSATA	
		eMMC	up to 128GB eMMC 5.1	
Chipset	SOC Integrated	<ul> <li>Power Supply</li> </ul>		
BIOS	AMI UEFI BIOS	Watt	60W power adapter	
<ul> <li>Memory</li> </ul>		<ul> <li>Mechanical and</li> </ul>	<ul> <li>Mechanical and Environment</li> </ul>	
Technology	DDR4 up to 3200MHz	Form Factor	Desktop, Fanless	
Capacity	Max. 16 GB	LED	Power/HDD/Status/Bypass	
<ul> <li>Expansion</li> </ul>		Dimension	232mm(W) x 152mm(D) x 44mm(H)	
M.2	1x M.2 (B-Key or M-Key or E-Key)	$(W \times D \times H)$		
▼ I/O		Operating Temperature	Operating: 0 ~ 40°C ( 32 ~ 104°F )	
USB	2x USB 3.0	Storage	-20 ~ 75°C (-4 ~ 167°F)	
Console	1x RJ45 console port	Temperature		
<ul> <li>Ethernet</li> </ul>		Humidity	10 ~ 85% relative humidity, non-operating, non-condensing	
Controller	Up to 6x Intel I210-AT Optional 1x I226-LM Optional 1x I210-IS	Weight	2 kg	
		Certification	CE/FCC	
GbE Ethernet	Up to 6x RJ45 Optional 1x 2.5GbE Optional 1x SFP	<ul> <li>Packing List</li> <li>1x SCB-6915 unit</li> <li>1x power cord</li> </ul>	:	

#### **Ordering Information**

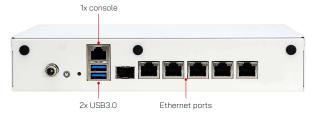
SCB-6915A	Desktop Network System with Intel Alder Lake-N N97 Processor, 1 x DDR4 SO-DIMM, 5 x Copper GbE (Intel I210-AT), 1 x fiber GbE (Intel I210-IS), 2 x USB 3.0, 1 x SATA, 1 x mSATA, 1 x M.2 B-key connector, eMMC 8G, 1 x Bypass
SCB-6915B	Desktop Network System with Intel Alder Lake-N N97 Processor,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

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

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