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

 Processor System 		 Storage 	▼ 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	 Power Supply 		
BIOS	AMI UEFI BIOS	Watt	60W power adapter	
 Memory 		 Mechanical and 	 Mechanical and Environment 	
Technology	DDR4 up to 3200MHz	Form Factor	Desktop, Fanless	
Capacity	Max. 16 GB	LED	Power/HDD/Status/Bypass	
 Expansion 		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		
 Ethernet 		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	 Packing List 1x SCB-6915 unit 1x power cord 	:	

Ordering Information

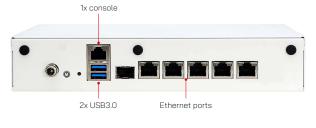
SCB-6915A	Desktop Network System with Intel Alder Lake-N N97 Processor, 1 x DDR4 SO-DIMM, 5 x Copper GbE (Intel I210-AT), 1 x fiber GbE (Intel I210-IS), 2 x USB 3.0, 1 x SATA, 1 x mSATA, 1 x M.2 B-key connector, eMMC 8G, 1 x Bypass
SCB-6915B	Desktop Network System with Intel Alder Lake-N N97 Processor,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