

# SCB-1924

Performance Network System

## AEWIN Technologies Co., Ltd.

1U Rack-Mount, Single Intel Skylake-SP & Cascade Lake-SP processor with C624 PCH, DDR4, 4x PCIe x8 slot for NIC, Console, USB2.0, USB 3.0, 2 GbE, 2x 2.5" HDD, CF/ m-SATA, 2 M.2 2280, 2x USB 3.0, 2x GbE, Console, CF, mSATA, M.2, PCIe x16 slot, Redundant PSU



### Features

- Intel® Skylake-SP/Cascade Lake Xeon® scalable Series Processor, LGA3647
- Six-channel DDR4 ECC/Registered 2400/2666 MHz Memory, Up to 32GB per DIMM, max support 384GB.
- 4x PCIe x8 slots for expansion LAN modules, up to 96 GbE Copper / Fiber ports
- Support Hot-Swappable FAN module
- 1x RJ45 Console port, 2x USB 3.0, 2x RJ45 GbE ports, 4x SFP+ 10 GbE ports
- Support 100GbE LAN modules (Option)
- 1x standard PCIe x8 add-on card (Option)
- Support IPMI card with VGA (Option)
- 2x 2.5" HDD/SSD hot-plugging (Option)



### Specifications

#### ▼ Processor System

CPU	Single Intel® Skylake-SP/Cascade Lake-SP platform Xeon Scalable processors
Chipset	Intel® C624 PCH
System Bus	UPI up to 10.4 GT/s
BIOS	AMI® UEFI BIOS

#### ▼ Memory

Technology	6x channels, 2x DIMM per channel ECC & Registered : DDR4 2133/2400/2666 MHz memory, up to 32GB per DIMM LRDIMM : DDR4 2133/2400/2666 MHz, up to 32GB per DIMM
Capacity	RDIMM : up to 384GB LRDIMM : up to 384GB

#### ▼ Expansion

Onboard Expansion Slots	4x PCIe x8 slots for NIC module 1x standard PCIe x8 add-on card (Option)
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#### ▼ I/O

USB	2x external USB 3.0 ports 2x internal USB 3.0 pin header
Serial	1x RJ45 Console port (COM1) 1x internal 5x2 pin header (COM2)

#### ▼ Ethernet

GbE Ethernet	2x RJ45 GbE ports (1x IMPI, 1x MGMT) 4x SFP+ 10 GbE ports
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#### ▼ Storage

SATA	Support 4x 2.5" SATA HDD or SSD
CompactFlash Socket	1x CompactFlash™ Type II

#### ▼ Power Supply

Watt	Redundant 550W CRPS Power Supply
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#### ▼ Mechanical and Environment

Form Factor	1U rack-mount
LED	1x Power LED (Green) 1x HDD LED (Red) 2x Status LED (Green/Yellow via programmable GPIO)
Dimension (W x D x H)	440mm (W) x 548mm (D) x 44mm (H) (17.2"W x 21.5"D x 3.5"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	9 kg
Certification	CE/FCC

#### ▼ Packing List

- 1x SCB-1924 unit
- 2x power cord
- 1x CD(Manual, Quick Installation Guide, Utility Driver)