

SCB-1736

Mainstream Network Appliance

AEWIN Technologies Co., Ltd.

1U Rack-Mount, Intel Comet lake-S processor with W480E PCH, 4x DDR4, 2x RJ45 GbE, 1x RJ45 Console, 2x USB, 6x I210AT GbE, 2x I210IS SFP, 4x SATA3, mSATA, IPMI slot (IPMI Default / mini PCIe optional), 2x PCIe x8 slots for NIC card, 300W redundant PSU



Features

- Support Single Intel® Xeon® W and 10th/11th Gen Core™ Processors, LGA1200
- 4x DDR4 (ECC) UDIMM memory, up to 2933 MHz
- 2x 1GbE RJ45 or 2x 1GbE SFP, 8x 1GbE RJ45, 2x Expansion Module bays
- 4x SATA, 1x mSATA
- Optional IPMI

Description

The SCB-1736 is a 1U Rack-Mount hardware networking system supporting Single Intel® Xeon® W, Intel® Comet Lake-S (10th Core) and Rocket Lake-S (11th Core) processors with Intel® W480E PCH.

This 1U Mainstream Network Appliance features 4 DDR4 UDIMM slots, which supports 4x DDR4 UDIMM (up to 2933 MHz) and the maximum memory capacity is up to 128GB.

With two onboard PCIe x8 slots, the SCB-1736 supports multiple Ethernet modules for flexible internet connection configuration, such as 1/10/40/100 Gigabit fiber NIC module, BYPASS function enabled (or unenabled) Gigabit Copper/Fiber NIC module, through this flexibility, customers' various needs can be satisfied.

The strong IO elements include two management Ethernet port (one for management, another for option IPMI function), a console port, USB ports, LEDs for power/ HDD/ 2 x GPO. In addition, the SCB-1736 also supports 4x SATA III and 1x mSATA for network storage application.

Specifications

▼ Processor System

CPU	Intel 10th/11th Gen Core processors, LGA1200
Chipset	Intel® W480E PCH
BIOS	AMI UEFI BIOS

▼ Memory

Technology	Total 4 x DIMMs (2 channels & two DIMM per channel) -- ECC DIMM : Depends on CPU type -- DIMM : DDR4 2933MHz, up to 128GB
Capacity	Max Up to 128GB

▼ Expansion

Onboard Expansion Slots	2x PCIe Gen3 x8 slots for NIC module
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▼ I/O

USB	2x USB2.0 type A connector (via R642) 2x USB3.0 pin header
Serial	1x RJ45 type connector (via R642) 1x COM pin header

▼ Ethernet

GbE Ethernet	2x RJ45 management ports 6x RJ45 GbE ports 2x SFP or RJ45 GbE ports
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▼ Storage

SATA	4x SATA III connectors
mSATA	1x m-SATA socket

▼ Power Supply

Watt	Redundant 300W Power
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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)	438mm(W) x 450 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	8 kg
Certification	CE/FCC

▼ Packing List

- 1x SCB-1736 unit
- 2x power cord

Ordering Information

SCB-1736A 1U Rack-Mount, Intel Comet lake-S processor with W480E PCH, 4x DDR4, 2x RJ45 GbE, RJ45 Console, USB, 6x I210AT GbE, 2x I210IS SFP, 4x SATA3, mSATA, IPMI slot, (IPMI Default / mini PCIe optional), 2x PCIe x8 slots for NIC card

SCB-1736B 1U Rack-Mount, Intel Comet lake-S processor with W480E PCH, 4x DDR4, 2x RJ45 GbE, RJ45 Console, USB, 8x I210AT GbE, 4x SATA3, mSATA, IPMI slot, (IPMI Default / mini PCIe optional), 2x PCIe x8 slots for NIC card

I/O

