

SCB-1723

Performance Network Appliance

AWIN Technologies Co., Ltd.

1U Rack-Mount Intel® 8/9th Core i7/i5/i3 (Coffee Lake-S) series processor and Intel® H310 PCH, support DDR4 up to 32GB, 2x 2.5" SATA3.0 HDD/SSD, 2x USB 3.0, 8x GbE Copper ports, 1x Network Expansion Module, 1x Console



Features

- Support Intel® 8/9th Core i7/i5/i3 (Coffee Lake-S) processor Series processor, LGA 1151
- 2x channel DDR4 2133 MHz un-buffered / Non-ECC memory, max support 32GB
- 8x GbE Copper ports
- Support 1x Network Expansion Module
- 2x 2.5" SATA3.0 HDD / SSD

Description

The SCB-1723 is a 1U Rack-Mount hardware networking system. Supporting Intel® Coffee Lake with efficient performance processor and Intel® H310 PCH. The new generation platform provides Intel Core i7/i5/i3, Pentium and Celeron Processor.

The SCB-1723 supports 2x channels DDR4 2133 up to 32GB un-buffered/Non-ECC RDIMM,, the SCB-1723 can support up to 8x GbE Cooper ports and 1x NIC Expansion Modules.

The flexible IO elements of SCB-1723 include a console port, 2x USB3.0 ports, LEDs for power/2x 2.5" SATA 3.0 HDD/SSD for network storage application.

Specifications

▼ Processor System

CPU	Support Single Intel® 8/9th Core i7/i5/i3 (Coffee Lake-S) processors, LGA 1151
Chipset	Intel® H310 PCH
BIOS	AMI® UEFI BIOS

▼ Memory

Technology	Un-buffered / Non-ECC DDR4 2133MHz memory
Capacity	UP to 32GB with 2 DIMM socket

▼ Expansion

Onboard Expansion Slots	1x PCIe Gen4 x8 slots for Network Expansion Module
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▼ I/O

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

▼ Ethernet

GbE Ethernet	8x RJ45 GbE ports
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▼ Storage

SATA	2x 2.5" or 1x 2.5" + 1x 3.5" SATA3.0 HDD / SSD
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▼ Power Supply

Watt	1U single 250W ATX Power Supply or 300W Redundant PSU
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▼ Mechanical and Environment

Form Factor	1U Rackmount
LED	2x LED (Green / Yellow via GPIO) 1x HDD LED (Green) / (Red) 1x Power LED (Green) / (Blue)
Dimension (W x D x H)	440mm (W) x 360mm (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	5 kg
Certification	CE/FCC

▼ Packing List

- 1x SCB-1723 unit

Optional

R405B	Expansion module with 4 SFP GbE ports, Intel 82580EB	R473B	Expansion module with 4 RJ45 GbE and 4 SFP GbE ports, 2 pairs Gen3 bypass, Intel 82580EB, with PCIe switch IDT89HPES16T4AG2
R406D	Expansion module with 4 RJ45 GbE ports, Intel 82580EB		
R472A	Expansion module with 8 SFP GbE ports, Intel 82580EB, with PCIe switch IDT89HPES16T4AG2	R529B-BC1	Expansion module with 8 RJ45 GbE ports, Intel I211-AT with IDT 89HPES12NT12G2 12 Lanes PCIe Switch

I/O

