

AIC Storage Server SB407-TU, Rack 4U, DP, 3Gen. Intel Xeon Scalable, 60xLFF, 8xSFF, Red. PSU, IPMI, Rails for 1M rack

Kod producenta: XP1-S407TU01



Chassis Form Factor	Rack 4U
CPU Socket	LGA 4189 (Socket P+)
# of CPU sockets	2
Supported CPU's	Intel Xeon Scalable 3rd Gen
Max CPU TDP	270 W
Chipset	Intel C621A
Memory Type	DDR4 ECC RDIMM DDR4 ECC LRDIMM
Memory Speed	3200 MHz 2933 MHz 2666 MHz
# of DIMM's	16
Integrated GPU	Aspeed AST2500
# of 2.5 Hybrid NVMe bays	8
# of 3.5 hot-swap bays	60
Backplanes	SAS3/SATA3
# of PCIe x16 4.0	3
# of PCIe x8 4.0	2
I/O expansion modules	1 x OCP 3.0 PCI-E 4.0 x16
# of USB Ports	2 x USB 3.0 Type A
# of SATA Ports	10
Integrated RAID	0,1,5,10
# of M.2 2280	2
# of Serial Ports	1 x external COM port phone jack
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2500
Power Supply	Redundant
PSU Wattage	800 W
PSU Certification	80+ Platinum
Rack Rails	37" tool-less slide rail
Chassis Dimensions	434 x 853 x 176 mm
Warranty	3 years

Key Features

- 4U high-density storage server supports 60 hot-swap 3.5" SAS drive bays
- Supports 3rd generation Intel® Xeon® Scalable Processor (Ice Lake)
- Intel® C621A chipset to provide 5+ years product life cycle
- Onboard Baseboard Management Controller (BMC) for system management and IPMI control

- Dedicated BMC management port
- Front-to-back airflow and hot-swap redundant fans to provide optimal thermal conditions

Dimensions (W x D x H)

- mm : 434 x 853 x 176
- inches : 17.1 x 33.6 x 7

Motherboard

[Code Name - Tucana](#)

Processor

Processor Support :

- Intel® 3rd Gen Xeon® Scalable Processors (Ice Lake)

*Please contact AIC Technical Support for more info/details about optimized CPUs and specialized system.

CPU Interconnection: 11.2 GT/s

Socket Type : Socket P+ (LGA-4189)

Chipset Support

Intel® Lewisburg-R C621A PCH

System Memory

- 8 x memory channels per CPU, 1 x DIMM per channel
- 16 x DIMM slots support 3200/2933/2666 MT/S
- Intel® Optane™ Persistent Memory 200 (Barlow pass) support

Front Panel

System power on/off, System reset, 2 x USB 3.0 Type A

LEDs

Power status, System alert, LAN activity, Drive activity, System ID

- Power (Secondary)
- Warning

B :

- Power (Primary)
- Warning

Drive Bays

Top-load :

- 60 x 3.5" hot swap (SATA/SAS)

Rear:

- 8 x 2.5" hot swap (NVMe/SATA/SAS)

Internal :

- 2 x M.2(NGFF)/M-Key/2280

Expansion Slots (PCIe 4.0)

- 3 x PCIe X16 slots (FHHL)
- 2 x PCIe X8 slots (FHHL)
- 1 x PCIe X16 OCP (hot-swappable)

System BIOS

BIOS Type:

AMI UEFI BIOS

BIOS Features :

- ACPI
- PXE
- WOL
- AC loss recovery
- IPMI 2.0 KCS interface
- SMBIOS
- Serial console redirection
- BIOS Boot Specification
- BIOS Recovery Mode
- SRIOV
- iSCSI
- TPM
- PCIe Hotplug

On-board Devices

SATA :

Intel® Lewisburg-R on-chip solution

- 8 x SATA 6.0 Gb/s (by 1 x Slimline 8i)
- 2 x SATA 6.0 Gb/s (by 2 x SATA 7 pin)
- RAID 0, 1, 5, 10 support by Intel RSTe

IPMI :

Aspeed AST2500 Advanced PCIe Graphics & Remote Management Processor

- Baseboard Management Controller
- Intelligent Platform Interface 2.0 (IPMI 2.0)
- iKVM, Media Redirection, IPMI over LAN, Serial over LAN
- SMASH Support
- HTML5
- Redfish

Network Controllers :

- Realtek RTL8211E 10/100/1000 Mbps Ethernet for BMC dedicated management port
- Reserve NC-SI to OCP bay for optional shared-NIC module

Graphics :

Aspeed AST2500 Advanced PCIe Graphics & Remote Management Processor

- PCIe VGA/2D Controller
- 1920x1200
- 60Hz 32bpp

Rear I/O

LAN:

1 x 10/100/1000M RJ45 dedicated to BMC management

USB:

2 x USB3.0 double-staked Type A connector

VGA:

1 x external VGA port (in slot#1)

Serial Port:

1 x external COM port phone jack

Power Supply

Standard:

800W 2+2 redundant PSU PMBus 1.2 80+ Platinum

Options:

- 800W 2+2 redundant
- 1200W 1+1 redundant
- 1600W 1+1 redundant

System Cooling

Middle : 4 x 80x38mm hot swap fans

System Management

- Baseboard Management Controller
- Intelligent Platform Interface 2.0 (IPMI 2.0)
- iKVM, Media Redirection, IPMI over LAN, Serial over LAN
- SMASH Support
- HTML5
- Redfish

Environmental Specifications

- Storage temperature : -10°C(14°F) ~ 60°C(140°F)
- Operating temperature : 0°C(32°F) ~ 35°C(95°F)
- Storage operating humidity : 5%~95% non-condensing

Gross Weight (w/PSU & Rail)

- kgs : 80
- lbs : 176

Packaging Dimensions (W x D x H)

- mm : 586 x 1110 x 400
- inches : 23 x 43.7 x 15.7

Mounting

Standard :

37" tool-less slide rail

Optional :

Cable Management Kit

** All specifications are subject to change without notice.*

Strona firmowa produktu:

<https://www.superstorage.pl/aic-storage-server-sb407-tu-rack-4u-dp-3gen-intel-xeon-scalable-60xlff-8xsff-red-psu-ipmi-rails-for-1m-rack-p-5876.html>