

2U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG
SL-2U-C256STH-4LN-SG



Type:

- 2U Rack Mount Server
- Depth: 13.13"

Motherboard:

- Featuring Intel C256 Chipset and Intel Xeon E-2300 Processor processor
- **Low Profile Slots:**
 - 1 - PCIe x16
 - 2 - PCIe x8
- **LAN:** 4x Ports (1GbE + 1GbE + 1GbE + 1GbE + IPMI)
- **RAID:** 0,1,5,10
- **Video:** 1x VGA
- **Audio:** No Onboard Audio
- **Ports:**
 - 6x USB 2.0 Ports (2 Rear, 4 Internal Headers)
 - 4x USB 3.2 Gen 1 Ports (2 Front, 2 Rear)
 - 2x COM Ports (1 RS232 Rear, 1 RS232 Internal Headers)
- See specifications for more ports
- **Operating Temperature:** 0°C to 50°C (32°F to 122°F)

Configuration summary:

- **Processor:** Intel Xeon E-2314 (Up to 4.5 GHz) - 2.8 GHz - 4 core - 4 threads - 8MB Cache - E-2300 Series (65W)
- **Memory:** 2 x 32GB DDR4 3200MHz ECCU RAM
- **Hard Drive:** 500GB M.2 2280 NVMe SSD or greater 5,000/3,000MB/s
- **Power Supply:** 400W 1U FLEX ATX Power Supply - 80+ Gold Efficient
- **Operating System:** Not Included -

- **Warranty:** One-Year Depot Warranty

Technical Specifications

MotherBoard Specifications:

Motherboard Model

- Motherboard Type: MicroATX

Supported CPU

- Number of Processors: 1
- Processor Type: Intel Xeon E-2300 Processor

Chipset

- Chipset: Intel C256 Chipset

Memory

- Memory Type: DDR4 3200MHz
- Memory Type: ECC Unbuffered
- DIMMS: 4
- Maximum Memory: 128GB

On Board Audio

- Audio Type: No Onboard Audio

On Board Video

- Video Chipset: ASPEED AST2600 BMC
- Video on IO: 1x VGA
- VGA Port Out: 1

LAN

- LAN Ports: 4
- LAN Type and IPMI: 1GbE + 1GbE + 1GbE + 1GbE + IPMI
- LAN Chipset: Intel i210
- Second LAN Chipset: Intel i210
- Third LAN Chipset: Intel i210
- Fourth LAN Chipset: Intel i210
- Wireless LAN: No Integrated WLAN

Drive Interface

- SATA III Ports (6GB): 8
- RAID
- RAID Type: Software RAID
- RAID Levels Supported on Motherboard: 0, 1, 5, 10

Expansion Slots

- PCI Express x16 Slots On Motherboard: 1
- PCI Express x8 Slots On Motherboard: 2

Chassis Specifications:

General

- Form Factor: 2U Rackmount
- Front Changeable Air Filter
- Color: Black
- Material: Metal/Steel
- Material Thickness: 1mm
- Motherboard Compatibility: ATX
- Slide Rails: Optional

Expansion

- Low Profile Slots: 7
- Internal 3.5" Bays: 2
- Internal 2.5" Bays: 4

Front Ports

- USB 3.2 Ports (Front): 2

Cooling System

- Maximum Fan Count: 3

Physical

- Depth: 13.13"
- Width: 17"
- Height: 3.50"
- Shipping Box - Depth: 20"
- Shipping Box - Width: 17"
- Shipping Box - Height: 9"
- Shipping Weight: 12lbs

Other Features

- Chassis Warranty: 1 Year

Power

- Remote Server Management:

M.2 Slot Specs

- Total M.2 NVMe SSD Slots: 1
- M.2 Slot #1 Specs
- PCIe Signal
- 2280 - 22 mm x 80 mm.
- 22110 - 22 mm x 110 mm.

Rear IO

- USB 2.0 Ports (on IO): 2
- USB 3.2 Gen 1 Type A Ports (on IO): 2
- Serial (Rear IO): 1

Headers

- USB 2.0 Ports (on Headers): 4
- USB 3.2 Gen 1 Ports (on Headers): 2
- USB 3.0 Type A Internal: 1
- Serial (via Headers): 1
- FAN Connectors: 6
- TPM Support: Via 2.0 Header

Environmental

- Operating Temperature: 0°C to 50°C (32°F to 122°F)
- High Humidity: 90%
- Low Humidity: 8%

Operating System Support

- Windows 11 Pro (64 Bit)
- Windows 11 Pro for WS (64 Bit)
- Windows 11 IoT 2024 LTSC High End
- Windows Server 2019 Std
- Windows Server 2022 STD
- RED HAT Enterprise LINUX SERVER BASIC
- RED HAT Enterprise LINUX WORKSTATION STANDARD
- RED HAT Enterprise LINUX SERVER STANDARD
- LINUX Ubuntu Desktop
- Ubuntu Server Edition

Compliance of Component

- CE
- FCC

Other Features

- Features:
 - PCIe
 - 1 PCIe 3.0 x4 (in x8 slot),
 - 1 PCIe 4.0 x16,
 - 1 PCIe 4.0 x4 (in x8 slot)
 - M.2
 - M.2 Interface: 1 PCIe 3.0 x4
 - Form Factor: 2280/22110

Key: M-Key

LAN

4 RJ45 Gigabit Ethernet LAN ports

- Motherboard Warranty: 1 Year



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