

2U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG
SL-2U-XEON6-MS04-SJ-031226



Type:

- 2U Rack Mount Server
- Depth: 17", Max Card Depth: 404mm"

Motherboard:

- Featuring Intel Xeon 6 and Intel Xeon6 6700/6500-Series Processors, LGA4710 processor
- **Low Profile Slots:**
5 - PCIe x16
- **LAN:** 3x Ports (1GbE + 1GbE + IPMI)
- **RAID:** RAID Google
- **Video:** 1x VGA
- **Audio:** Onboard Audio
- **Ports:**
6x USB 3.2 Gen 1 Ports (2 Front, 4 Rear)
1x COM Port (RS232 Rear)
See specifications for more ports
- **Operating Temperature:** 10°C to 40°C (50°F to 104°F)

Configuration summary:

- **Processor:** Intel Xeon 6 6505P Processor, 2.2GHz (up to 4.1GHz), 12 Cores, 48MB L3 Cache, TDP 150W
- **Memory:** 4 x 16GB DDR5 5600MHz ECC Registered RAM
- **Hard Drive:** 1TB SSD SATA 6.0Gb/s 560/530MB/s 2.5" - Samsung 870 EVO
- **Raid Controller:** LSI Logic CC 05-50134-03 MegaRAID 9540-8i 8PT 12Gb s SAS 16GT s PCIe
- **Plug-In Boards:** 7-Port PCI Express USB 3.2 Gen 1 Card - Standard and Low-Profile Design
- **Add-In Graphic Card:** NVIDIA RTX A400

4GB GDDR6, PCI Express 4.0 x16 - 4x Mini DisplayPort - Low Profile and Full Height Compatible

- **Networking:** Intel XL710-BM2 Based Ethernet Network Interface Card, 40G Dual-Port QSFP+, PCIe 3.0 x 8, Comparable to Intel XL710-QDA2, Tall&Short Bracket
- **Power Supply:** 600W 1U FLEX ATX Power Supply - Cybenetics Platinum
- **Operating System:** Not Included -
- **Warranty:** Three-Year Depot Warranty

Technical Specifications

MotherBoard Specifications:

Motherboard Model

- Motherboard Type: ATX

Supported CPU

- Number of Processors: 1
- Processor Type: Intel Xeon6 6700/6500-Series Processors, LGA4710

Chipset

- Chipset: Intel Xeon 6

Memory

- Memory Type: DDR5 4800MHz
- Memory Type: ECC Registered
- DIMMS: 8

On Board Audio

- Audio Type: Onboard Audio

On Board Video

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

LAN

- LAN Ports: 3
- LAN Type and IPMI: 1GbE + 1GbE + IPMI
- LAN Chipset: Intel i210AT
- Second LAN Chipset: Intel i210AT
- Third LAN Chipset: Dedicated IPMI
- Wireless LAN: No Integrated WLAN

Chassis Specifications:

General

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

Expansion

- Low Profile Slots: 7
- Max Card Depth: 404mm"
- Internal 2.5" Bays: 5

Front Ports

- USB 3.2 Ports (Front): 2

Cooling System

- Maximum Fan Count: 4

Physical

- Depth: 17"
- Depth (Inches): 17
- Width: 17"
- Height: 3.46"
- Shipping Box - Depth: 20.50"
- Shipping Box - Width: 20.50"
- Shipping Box - Height: 7.50"
- Shipping Weight: 16lbs

Other Features

Drive Interface

- SATA III Ports (6GB): 12
- SAS 6G Ports: 3
- RAID
- RAID Type: Software RAID
- RAID Levels Supported on Motherboard: 0, 1, 5, 10

Expansion Slots

- PCI Express x16 Slots On Motherboard: 5

M.2 Slot Specs

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

Rear IO

- USB 3.2 Gen 1 Type A Ports (on IO): 4
- Serial (Rear IO): 1

Headers

- USB 3.2 Gen 1 Ports (on Headers): 2
- FAN Connectors: 6
- TPM Support: Via 2.0 Header

Environmental

- Operating Temperature: 10°C to 40°C (50°F to 104°F)
- High Humidity: 80%
- Low Humidity: 8%

Operating System Support

- Windows Server 2025 STD
- RED HAT Enterprise LINUX SERVER BASIC
- RED HAT Enterprise LINUX WORKSTATION STANDARD
- RED HAT Enterprise LINUX SERVER STANDARD
- Ubuntu Server Edition
- OS-Custom-Image

Compliance of Component

- CE
- FCC

Other Features

- Features:
Storage Interface

SlimSAS:

3 x SlimSAS 4i for 12 x SATA

- Features:

Storage

Five (5) 2.5" drives up to 7mm thick

Up to five(5) 7mm 2.5" SSDs in the rear drive cage when not using 3.5" HDD mounts

Two (2) 3.5" drives up to 20mm thick

Up to two(2) 3.5" Hard Disk Drives [HDDs]

OR

One(1) full-sized 3.5" HDD, and one(1) 2.5" SSD up to 15mm thick

- Chassis Warranty: 1 Year

Power

- Remote Server Management:

M.2:

2 x M.2 (2280/22110), PCIe Gen5 x2

PCIe Expansion Slot

Slot_7: PCIe x16 (Gen5 x16)

Slot_6: PCIe x16 (Gen5 x16)

Slot_4: PCIe x16 (Gen5 x16)

Slot_2: PCIe x16 (Gen5 x16)

Slot_1: PCIe x16 (Gen5 x8)

- Motherboard Warranty: 1 Year



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