

4U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG
SL-4U-XEON6-MS04-ST



Type:

- 4U Rack Mount Server
- Depth: 16.89", Max Card Depth: 375mm"

Motherboard:

- Featuring Intel Xeon 6 and Intel Xeon6 6700/6500-Series Processors, LGA4710 processor
- **Full Height Slots:**
5 - PCIe x16
- **LAN:** 3x Ports (1GbE + 1GbE + IPMI)
- **RAID:** 0,1,5,10 and NVMe 0,1 RAID Intel VROC Xeon 6
- **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:** 2 x 16GB DDR5 5600MHz ECC Registered RAM
- **Hard Drive:** 1TB PCIe 4.0 NVMe SSD M.2 Read/write speeds up to 7100MB/s / 6700MB/s
- **Power Supply:** 850W ATX12V / EPS12V Full Modular Power Supply - 80+ Gold Certified
- **Operating System:** Not Included -
- **Warranty:** One-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

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.

Chassis Specifications:

General

- Form Factor: 4U Rackmount
- Front Changeable Air Filter
- Color: Black
- Material: Metal/Steel
- Material Thickness: 1mm
- Motherboard Compatibility: SSI CEB
- Redundant Power Supply Capable
- Slide Rails: Optional

Expansion

- Full Height Slots: 8
- Max Card Depth: 375mm"
- Internal 3.5" Bays: 3
- Internal 2.5" Bays: 8

Front Ports

- USB 3.2 Ports (Front): 2
- USB Type-C (Front): 1

Cooling System

- Maximum Fan Count: 3

Physical

- Depth: 16.89"
- Depth (Inches): Click Available Downloads Tab > Mechanical Drawings.
- Width: 17"
- Height: 6.96"
- Shipping Box - Depth: 21"
- Shipping Box - Width: 21"
- Shipping Box - Height: 11"
- Shipping Weight: 30lbs

Other Features

- Features:
 - 8x full height PCIe card slot cutouts
 - Maximum card height: 158mm (card and power connector must be $\leq$ 158mm tall)
 - Maximum card length: 375mm (with 25mm thick front fans)
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 - LIQUID COOLING NOTE: radiators reduce the available depth inside the case for long GPUs

- 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 Interfeace

SlimSAS:

3 x SlimSAS 4i for 12 x SATA

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

- Inside of case is 399mm deep
- Thickness of radiator + thickness of case fans + GPU length must equal less than 399mm total.
- Chassis Warranty: 1 Year



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www.superlogics.com
Phone: 1-508-650-9500

sales@superlogics.com
Fax: 1-508-650-9525