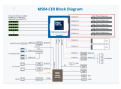
4U Rack Mount Server Rackmount

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









Type:

- 4U Rack Mount Server
- Depth: 17", Max Card Depth: 375mm (with 25mm thick front fans)"

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:** 10ºC to 40ºC (50ºF to 104ºF)

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

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 (with 25mm thick front fans)"
- External 5.25" Bays: 3
- Internal 2.5" Bays: 2

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

Cooling System
- Maximum Fan Count: 3

Physical
- Depth: 17"
- 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:
    - Eight (8) Full height PCIe card slot cutouts
      8x full height PCIe card slots
      Maximum card height: 158mm (including power connectors)
      Maximum card length with 2x 25mm

- 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: 10ºC to 40ºC (50ºF to 104ºF)
- 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

  thick front fans: 375mm
  Maximum card length with Asetek 240mm AIO and 2x 25mm thick front fans: 347mm
  Maximum card length with Asetek 240mm AIO and 4x 25mm thick front fans: 322mm
  - Two (2) 2.5" drives
    Two(2) 2.5" SSD up to 7mm thick, or one(1) 2.5" SSD up to 15mm thick
    Two(2) 2.5" SSD mounting points are located on rear of case above ATX PSU cutout
- Chassis Warranty: 1 Year

Power

- Remote Server Management:

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

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