2U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG
SL-2U-XEON6-MS04-DT

Type:

- 2U Rack Mount Server
- Depth: 17.72"

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:** 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:** 800W 1+1 redundant PSU 80+ Platinum
- **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: 2U Rackmount
- Color: Black
- Material: Metal/Steel
- Material Thickness: 1mm
- Motherboard Compatibility: E-ATX
- Redundant Power Supply Capable
- Slide Rails: Optional

Expansion
- Low Profile Slots: 7
- 2.5" Hot Swap Bays: 4

Front Ports
- USB 3.2 Ports (Front): 2

Cooling System
- Maximum Fan Count: 4
- Included Fans: 4

Physical
- Depth: 450mm
- Depth (Inches): 17.7
- Width: 438mm
- Height: 88mm
- Shipping Box - Depth: 580mm
- Shipping Box - Width: 655mm
- Shipping Box - Height: 244mm
- Shipping Weight: 29lbs

Power
- Built-in Chassis Power Supply: 800W 1+1 redundant PSU 80+ Platinum

- 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

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

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