

## 2U Rack Mount Server Rackmount

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



### 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:** 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:** 600W 1U FLEX ATX Power Supply - Cybenetics 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
- 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

- 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

- 22110 - 22 mm x 110 mm.
- M.2 Slot #2 Specs
- 2280 - 22 mm x 80 mm.
- 22110 - 22 mm x 110 mm.

- Remote Server Management:

#### **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



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