

2U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG
SL-2U-XEON6-GR2LT-DN



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:**
7 - PCIe x16
- **LAN:** 4x Ports (10GbE + 10GbE + 1GbE + 1GbE + IPMI)
- **RAID:** 0,1,5,10 and NVMe 0,1 RAID Intel VROC Xeon 6
- **Video:** 1x VGA
- **Audio:** No Onboard Audio
- **Ports:**
4x USB 3.2 Gen 1 Ports (2 Front, 2 Rear)
1x COM Port (RS232 Internal Headers)
See specifications for more ports
- **Operating Temperature:** 10°C to 35°C (50°F to 95°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:** 800W 1+1 redundant PSU 80+ Platinum
- **Operating System:** Not Included -
- **Warranty:** One-Year Depot Warranty

Technical Specifications

MotherBoard Specifications:

Motherboard Model

- Motherboard Type: SSI CEB

Supported CPU

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

Chipset

- Chipset: Intel Xeon 6

Memory

- Memory Type: DDR5 5600MHz ECCR
- Memory Type: ECC Registered
- DIMMS: 8
- Maximum Memory: 128GB

On Board Audio

- Audio Type: No Onboard Audio

On Board Video

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

LAN

- LAN Ports: 4
- LAN Type and IPMI: 10GbE + 10GbE + 1GbE + 1GbE + IPMI
- IPMI
- LAN Chipset: Intel X710-AT2
- Second LAN Chipset: Intel X710-AT2
- Third LAN Chipset: Intel i210
- Fourth LAN Chipset: Intel i210
- Wireless LAN: No Integrated WLAN

Expansion Slots

- PCI Express x16 Slots On Motherboard: 7

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.

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
- Remote Server Management:

- 22110 - 22 mm x 110 mm.

Rear IO

- USB 3.2 Gen 1 Type A Ports (on IO): 2

Headers

- USB 3.2 Gen 1 Ports (on Headers): 2
- Serial (via Headers): 1
- FAN Connectors: 8
- TPM Support: Via 2.0 Header

Environmental

- Operating Temperature: 10°C to 35°C (50°F to 95°F)
- High Humidity: 90%
- Low Humidity: 20%

Operating System Support

- Windows Server 2022 STD
- 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

Compliance of Component

- CE
- RoHS
- FCC

Other Features

- Features:

PCIe x 16

SLOT7: PCIe5.0 / CXL2.0 x16*

SLOT6: PCIe5.0 / CXL2.0 x16

SLOT5: PCIe5.0 / CXL2.0 x16

SLOT4: PCIe5.0 / CXL2.0 x16*

SLOT3: PCIe5.0 / CXL2.0 x16

SLOT2: PCIe5.0 / CXL2.0 x16*

SLOT1: PCIe5.0 / CXL2.0 x16

*SLOT7, 4, 2 only function with selected processors

M.2 Slot - 2 M-key (PCIe5.0 x4), supports 22110/2280 form factor

Ethernet

2 RJ45 (10GbE) by Intel X710-AT2

2 RJ45 (1GbE) by Intel i210

- Motherboard Warranty: 1 Year



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