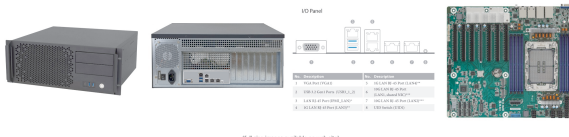


4U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG
SL-4U-XEON6-GR2LT-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:**
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:** 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: 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.

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)

- 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): 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

Maximum card length with 2x 25mm 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:

2 RJ45 (1GbE) by Intel i210

- Motherboard Warranty: 1 Year



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