

# 1U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG  
SL-1U-C262SCL-LU



(Not all images available on web site)

## Type:

- 1U Rack Mount Server
- Depth: 14.50", Max Card Depth: 12.28"

## Motherboard:

- Featuring Intel C262 Chipset and Intel Xeon6 6300-Series / Intel Xeon E-2400 Processors, LGA1700 processor
- **LAN:** 2x Ports (1GbE + 1GbE)
- **RAID:** 0,1
- **Video:** 1x VGA
- **Audio:** No Onboard Audio
- **Ports:**
  - 6x USB 2.0 Ports ( 2 Rear, 4 Internal Headers )
  - 4x USB 3.2 Gen 1 Ports ( 2 Rear, 2 Internal Headers )
  - 2x COM Ports (1 RS232 Rear, 1 RS232 Internal Headers)
- See specifications for more ports
- **Operating Temperature:** 0°C to 50°C (32°F to 122°F)

## Configuration summary:

- **Processor:** Intel Xeon E-2414 - 2.6 GHz - 4 cores - 4 threads - 12 MB cache - E-2400 Series (55W)
- **Memory:** 2 x 16GB DDR5 5600MHz ECC Unbuffered RAM (Requires Intel Core i7/i9 or Xeon Processors)
- **Hard Drive:** 500GB M.2 2280 NVMe SSD or greater 5,000/3,000MB/s
- **Power Supply:** 350W Multi-output power supply Platinum level
- **Operating System:** Not Included -
- **Warranty:** One-Year Depot Warranty

# Technical Specifications

## MotherBoard Specifications:

### Motherboard Model

- Motherboard Type: MicroATX

### Supported CPU

- Number of Processors: 1
- Processor Type: Intel Xeon6 6300-Series / Intel Xeon E-2400 Processors, LGA1700

### Chipset

- Chipset: Intel C262 Chipset

### Memory

- Memory Type: DDR5 4400MHz
- Memory Type: ECC Unbuffered
- DIMMS: 4
- 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: 2
- LAN Type and IPMI: 1GbE + 1GbE
- LAN Chipset: Intel i210
- Second LAN Chipset: Intel i210
- Wireless LAN: No Integrated WLAN

### Drive Interface

- SATA III Ports (6GB): 8
- RAID
- RAID Type: Software RAID
- RAID Levels Supported on Motherboard: 0, 1, 5, 10

### M.2 Slot Specs

- Total M.2 NVMe SSD Slots: 1
- M.2 Slot #1 Specs
- PCIe Signal
- 2280 - 22 mm x 80 mm.
- 22110 - 22 mm x 110 mm.

### Rear IO

## Chassis Specifications:

### General

- Form Factor: 1U Rackmount
- Color: Black & Silver
- Material: Metal/Steel
- Material Thickness: 1mm
- Motherboard Compatibility: ATX
- Slide Rails: Optional

### Expansion

- Full Height Slots: 1
- Max Card Depth: 12.28"
- Internal 3.5" Bays: 2

### Cooling System

- Maximum Fan Count: 2
- Included Fans: 2

### Physical

- Depth: 14.50"
- Depth (Inches): 14.5
- Width: 17.20"
- Height: 1.70"
- Shipping Box - Depth: 22"
- Shipping Box - Width: 20"
- Shipping Box - Height: 6.30"
- Shipping Weight: 20lbs

### Compliance of Component

- CE
- FCC

### Other Features

- Chassis Warranty: 1 Year

### Power

- Built-in Chassis Power Supply: 350W Multi-output power supply Platinum level

- USB 2.0 Ports (on IO): 2
- USB 3.2 Gen 1 Type A Ports (on IO): 2
- Serial (Rear IO): 1

#### **Headers**

- USB 2.0 Ports (on Headers): 4
- USB 3.2 Gen 1 Ports (on Headers): 2
- USB 3.0 Type A Internal: 1
- Serial (via Headers): 1
- FAN Connectors: 7
- Chassis Intrusion
- TPM Support: Via 2.0 Header

#### **Environmental**

- Operating Temperature: 0°C to 50°C (32°F to 122°F )
- High Humidity: 90%
- Low Humidity: 8%

#### **Operating System Support**

- Windows Server 2022 STD
- RED HAT Enterprise LINUX SERVER BASIC
- RED HAT Enterprise LINUX WORKSTATION STANDARD
- RED HAT Enterprise LINUX SERVER STANDARD
- LINUX Ubuntu Desktop
- Ubuntu Server Edition

#### **Compliance of Component**

- CE
- FCC

#### **Other Features**

- Features:
  - PCIe
    - 2 PCIe 4.0 x4 (in x8 slot),
    - 1 PCIe 5.0 x8,
    - 1 PCIe 5.0 x8 (in x16 slot)
  - M.2
    - M.2 Interface: 1 PCIe 4.0 x4
    - Form Factor: 2280/22110
    - Key: M-Key
- Motherboard Warranty: 1 Year