

# 1U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG  
SL-1U-C262-RS300-RS4



## Type:

- 1U Rack Mount Server
- Depth: 19.57"

## Motherboard:

- Featuring Intel C262 Chipset and Intel Xeon E-2400 Processor processor
- **Full Height Slots:**
  - 1 - PCIe x16
  - 1 - PCIe x8
  - 1 - PCIe x4
- **LAN:** 2x Ports (1GbE + 1GbE + IPMI)
- **RAID:** 0,1,5,10 Intel VROC
- **Video:** VGA
- **Audio:** No Onboard Audio
- **Ports:**
  - 3x USB 3.2 Gen 2 Ports ( 3 Rear )
  - 1x COM Port (RS232 Rear)

See specifications for more ports
- **Operating Temperature:** 10°C to 35°C (50°F to 95°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 4800MHz ECC Unbuffered RAM (Requires Intel Core i7/i9 or Xeon Processors)
- **Hard Drive:** 500GB M.2 2280 NVMe SSD or greater
- **Power Supply:** 1+1 450W 80 PLUS PLATINUM RPSU
- **Operating System:** Not Included -
- **Warranty:** One-Year Depot Warranty

# Technical Specifications

## MotherBoard Specifications:

### Motherboard Model

- Motherboard Type: Proprietary

### Supported CPU

- Number of Processors: 1
- Processor Type: Intel Xeon E-2400 Processor

### 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: VGA
- VGA Port Out: 1

### LAN

- LAN Ports: 2
- LAN Type: 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): 8
- RAID
- RAID Type: Hardware RAID
- RAID Levels Supported on Motherboard: 0, 1, 5, 10

### Expansion Slots

- PCI Express x16 Slots On Motherboard: 1
- PCI Express x8 Slots On Motherboard: 1
- PCI Express x4 Slots On Motherboard: 1

### M.2 Slot Specs

- Total M.2 NVMe SSD Slots: 1
- M.2 Slot #1 Specs

## Chassis Specifications:

### General

- Form Factor: 1U Rackmount
- Color: Black & Silver
- Material: Metal/Aluminum
- Material Thickness: 1mm
- Redundant Power Supply Capable

### Expansion

- Full Height Slots: 1
- Low Profile Slots: 1
- 3.5" or 2.5" Hot Swap Bays: 4

### Front Ports

- USB 3.2 Ports (Front): 2

### Cooling System

- Maximum Fan Count: 6
- Included Fans: 6

### Physical

- Depth: 19.57"
- Depth (Inches): 19.57
- Width: 17.31"
- Height: 1.74"
- Shipping Box - Depth:
- Shipping Box - Width:
- Shipping Box - Height:
- Shipping Weight: 40lbs

### Power

- Built-in Chassis Power Supply: 1+1 450W 80 PLUS PLATINUM RPSU

- PCIe Signal
- 2280 - 22 mm x 80 mm.

#### **Rear IO**

- USB 3.2 Gen 2 Type A Ports (on IO): 3
- Serial (Rear IO): 1

#### **Environmental**

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

#### **Operating System Support**

- LINUX Ubuntu Desktop
- Ubuntu Server Edition
- Windows Server 2022 STD

#### **Compliance of Component**

- CE
- FCC

#### **Warranty of Component**

- Motherboard Warranty: 1 Year

#### **Other Features**

- Other Features:  
Expansion Slots

Total PCI-E Slots: 3

1 x PCI-E x 16 (Gen5 x16 Link, switch to x8 link when slot B occupied), FH/HL

1 x PCI-E x 8 (Gen5 x8 Link), HH/HL\*

1 x PCI-E x 4 (Gen4 x4 Link), Proprietary R/A slot

Networking

2 x Intel I210AT + 1 x Mgmt LAN



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