1U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG
SL-1U-C262-RS300-PS4

Type:

- 1U Rack Mount Server
- Depth: 19.57"

Motherboard:

- Featuring Intel C262 Chipset and Intel Xeon6 6300-Series / Intel Xeon E-2400 Processors, LGA1700 processor
- **Full Height Slots:**
  1 - PCIe x16
  1 - PCIe x8
- **LAN:** 2x Ports (1GbE + 1GbE + IPMI)
- **RAID:** 0,1,5,10 Intel VROC
- **Video:** 1x VGA
- **Audio:** No Onboard Audio
- **Ports:**
  2x USB 3.2 Gen 1 Ports (2 Front)
  3x USB 3.2 Gen 2 Ports (3 Rear)
  1x COM Port (RS232 Rear)
  See specifications for more ports
- **Operating Temperature:** 10ºC to 35ºC (50ºF to 95ºF)

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:** Single 350W 80 PLUS Gold Power Supply
- **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 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 + 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

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: Single 350W 80 PLUS Gold Power Supply

- 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

Headers

- USB 3.2 Gen 1 Ports (on Headers): 2

Management Features

- TPM Support: 2.0 Module Included

Environmental

- Operating Temperature: 10ºC to 35ºC (50ºF to 95ºF)
- High Humidity: 90%
- Low Humidity: 20%

Operating System Support

- Windows 11 Pro (64 Bit)
- Windows 11 Pro for WS (64 Bit)
- LINUX Ubuntu Desktop
- Ubuntu Server Edition
- 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

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 x8 Low Profile Slot is occupied), Full Height Slot
  1 x PCI-E x 8 (Gen5 x8 Link), HH/HL* Low Profile Slot

  Networking

  2 x Intel I210AT + 1 x Mgmt LAN

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