2U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG
SL-2U-MCX-C7412L2T-DN

Type:

- 2U Rack Mount Server
- Depth: 17.72"

Motherboard:

- Featuring Intel C741 Chipset and Intel Xeon Scalable Processors 5th/4th Gen, LGA4677 (Socket E) processor
- **Low Profile Slots:**
  4 - PCIe x16
- **LAN:** 5x Ports (10GbE + 10GbE + 1GbE + 1GbE + IPMI)
- **RAID:** 0,1,5,10 and NVMe 0,1 RAID Intel VROC
- **Video:** 1x VGA
- **Audio:** No Onboard Audio
- **Ports:**
  2x USB 2.0 Ports (2 Internal Headers)
  4x USB 3.2 Gen 1 Ports (2 Front, 2 Rear)
  1x COM Port (RS232 Internal Headers)
  See specifications for more ports
- **Operating Temperature:** 10ºC to 35ºC (50ºF to 95ºF)

Configuration summary:

- **Processor:** Intel Xeon Silver 4410T Processor (26.25M Cache, 2.7 GHz) 10 Cores, 150W
- **Memory:** 4 x 16GB DDR5 5600MHz ECC Registered RAM
- **Hard Drive:** 1TB PCIe 4.0 NVMe SSD M.2 7,450/6,900MB/s - Samsung 990 PRO
- **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
- Long Production Cycle

Supported CPU
- Number of Processors: 1
- Processor Type: Intel Xeon Scalable Processors 5th/4th Gen, LGA4677 (Socket E)

Chipset
- Chipset: Intel C741 Chipset

Memory
- Memory Type: DDR5 5600MHz ECCR
- Memory Type: ECC Registered
- DIMMS: 8
- Maximum Memory: 96GB

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: 5
- LAN Type and IPMI: 10GbE + 10GbE + 1GbE + 1GbE + IPMI
- LAN Chipset: Broadcom BCM57416 (10GbE)
- Second LAN Chipset: Broadcom BCM57416 (10GbE)
- Third LAN Chipset: Intel i210
- Fourth LAN Chipset: Intel i210
- Wireless LAN: No Integrated WLAN

Drive Interface
- SATA III Ports (6GB): 12
- RAID
- RAID Type: Software RAID
- RAID Levels Supported on Motherboard: 0, 1, 5, 10

Expansion Slots
- PCI Express x16 Slots On Motherboard: 4

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:

M.2 Slot Specs

- Total M.2 NVMe SSD Slots: 2
- M.2 Slot #1 Specs
- M.2 SATA SSD
- PCIe Signal
- 2242 - 22 mm x 42 mm.
- 2280 - 22 mm x 80 mm.
- 22110 - 22 mm x 110 mm.
- M.2 Slot #2 Specs
- M.2 SATA SSD
- PCIe Signal
- 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 2.0 Ports (on Headers): 2
- USB 3.2 Gen 1 Ports (on Headers): 2
- Serial (via Headers): 1
- FAN Connectors: 6
- TPM Support: Via 2.0 Header

Environmental

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

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
- Ubuntu Server Edition

Compliance of Component

- CE
- RoHS
- FCC

Other Features

- Features:
  PCIe
  SLOT7: PCIe5.0 / CXL1.1 x16 [CPU]
  SLOT5: PCIe5.0 / CXL1.1 x16 [CPU]
  SLOT3: PCIe5.0 / CXL1.1 x16 [CPU]
  SLOT1: PCIe5.0 / CXL1.1 x16 [CPU]

  M.2
  1 M-key M2_1 (PCIe3.0 x4 or SATA 6Gb/s),

supports 22110/2280/2242 form factor [PCH]
1 M-key M2_2 (PCIe3.0 x4 or SATA 6Gb/s),
supports 22110/2280 form factor [PCH]

Memory

5600 MT/s on 5th Gen Intel Xeon Scalable Processors
4800 MT/s on 4th Gen Intel Xeon Scalable Processors
*Memory speed and capacity support varies by CPU SKU

IPMI

1 RJ45 Dedicated IPMI LAN port by Realtek RTL8211F

* Access to PCI Express slot requires expansion slot and a riser in some chassis models. Please check Chassis Specification section for more information.

If you have any questions, please discuss with our Sales Engineers.

- Motherboard Warranty: 1 Year