

2U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG
SL-2U-MCX-C741SEI-DN



(Not all images available on web site)

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
- **Long Production Cycle Motherboard (Through Q1 2029)**
- **Low Profile Slots:**
 - 2 - PCIe x16
 - 3 - PCIe x8
- **LAN:** 2x Ports (10GbE + 10GbE)
- **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 Rear)
 - 3x USB 3.2 Gen 1 Ports (1 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 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: Extended ATX
- Long Production Cycle
- Long Life: YES
- EOL Date: Q1 2029

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: 2048GB

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: 10GbE + 10GbE
- LAN Chipset: Intel X550 10GBase-T
- Second LAN Chipset: Intel X550 10GBase-T
- Wireless LAN: No Integrated WLAN

Drive Interface

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

Expansion Slots

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:

- PCI Express x16 Slots On Motherboard: 2
- PCI Express x8 Slots On Motherboard: 3

M.2 Slot Specs

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

Rear IO

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

Headers

- USB 3.2 Gen 1 Ports (on Headers): 1
- Serial (via Headers): 1
- FAN Connectors: 7
- TPM Support: Via 2.0 Header

Environmental

- Operating Temperature: 10°C to 35°C (50°F to 95°F)
- High Humidity: 90%
- Low Humidity: 8%

Operating System Support

- Windows 10 Pro (64-Bit)
- Windows 10 Pro WS (64-Bit)
- SL-Windows 11PRO to 10PRO 64bit
- Windows 10 IoT 2021 LTSC High End
- Windows 11 Pro (64 Bit)
- Windows 11 Pro for WS (64 Bit)
- Windows 11 IoT 2024 LTSC High End
- Windows Server 2019 Std
- 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
- FCC

Other Features

- Features:
 - PCIe

2 PCIe 5.0 x16,
3 PCIe 5.0 x8,
2 PCIe 5.0 x8 PCIe5.0 MCIO connector

M.2

M.2 Interface: 2 PCIe 5.0 x4

Form Factor: 2280/22110

Key: M-Key

* 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



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