5U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG
SL-5U-MTC741T-SA

Type:

- 5U Rack Mount Server
- Depth: 20.87", Max Card Depth: Length: 455mm (without installing front fans and radiators)"

Motherboard:

- Featuring Intel C741 Chipset and Intel Xeon Scalable Processors 5th/4th Gen LGA-4677 (Socket E), CPU TDP supports up to 350W TDP processor
- **Full Height Slots:**
  4 - PCIe x16
  1 - PCIe x8
- **LAN:** 2x Ports (10GbE + 10GbE + IPMI)
- **RAID:** 0,1,5,10 and NVMe 0,1 RAID Intel VROC
- **Video:** 1x VGA
- **Audio:** Realtek ALC888S HD Audio
- **Ports:**
  2x USB 2.0 Ports (2 Rear)
  3x USB 3.2 Gen 1 Ports (1 Front, 2 Rear)
  1x COM Port (RS232 Rear)
  See specifications for more ports
- **Operating Temperature:** 10ºC to 35ºC (50ºF to 95ºF)

Configuration summary:

- **Processor:** 4th GEN Intel Xeon Bronze 3408U Octa-core (8 Core) 1.80 GHz Processor - 22.50 MB L3 Cache - 64-bit Processing - 1.90 GHz Overclocking Speed - Socket LGA-4677 - 125 W - 8 Threads
- **Memory:** 2 x 16GB DDR5 5600MHz ECC Registered RAM

- **Hard Drive:** 1TB PCIe GEN 5.0 NVMe SSD M.2 Read/write speeds up to 11,000/9,500MB/s
- **Power Supply:** 650W ATX 3.1 and PCIe Gen 5 Active PFC Power Supply - 80+ Gold Certified
- **Operating System:** Not Included -
- **Warranty:** One-Year Depot Warranty

Technical Specifications

MotherBoard Specifications:

Motherboard Model
- Motherboard Type: SSI CEB

Supported CPU
- Number of Processors: 1
- Processor Type: Intel Xeon Scalable Processors 5th/4th Gen LGA-4677 (Socket E), CPU TDP supports up to 350W TDP

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: Realtek ALC888S HD Audio

On Board Video
- Video Chipset: ASPEED AST2600 BMC
- Video on IO: 1x VGA
- VGA Port Out: 1

LAN
- LAN Ports: 2
- LAN Type: 10GbE + 10GbE + IPMI
- 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

Chassis Specifications:

General
- Form Factor: 5U Rackmount
- Color: Black
- Material: Metal/Steel
- Material Thickness: 1mm
- Motherboard Compatibility: SSI EEB
- Redundant Power Supply Capable
- Slide Rails: Optional

Expansion
- Full Height Slots: 8
- Max Card Depth: Length: 455mm (without installing front fans and radiators)"
- Internal 3.5" Bays: 4
- Internal 2.5" Bays: 4

Front Ports
- USB 3.2 Ports (Front): 2
- USB Type-C (Front): 1

Cooling System
- Maximum Fan Count: 6
- Included Fans: 3

Physical
- Depth: 20.87"
- Width: 17.30"
- Height: 8.66"
- Shipping Weight: 71lbs

Other Features
- Features:

| Expansion card | Length: 455mm (without installing front fans and radiators) |

- RAID Type: Software RAID
- RAID Levels Supported on Motherboard: 0, 1, 5, 10

Expansion Slots
- PCI Express x16 Slots On Motherboard: 4
- PCI Express x8 Slots On Motherboard: 1

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

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

Headers
- USB 3.2 Gen 1 Ports (on Headers): 1
- USB 2.0 Ports (Type A): 1
- FAN Connectors: 6
- TPM Support: Via 2.0 Header

Environmental
- Operating Temperature: 10ºC to 35ºC (50ºF to 95ºF)
- High Humidity: 90%
- Low Humidity: 0%

Operating System Support
- Windows 11 Pro (64 Bit)
- Windows 11 Pro for WS (64 Bit)
- Windows Server 2022 STD
- RED HAT Enterprise LINUX WORKSTATION STANDARD
- RED HAT Enterprise LINUX SERVER BASIC
- RED HAT Enterprise LINUX SERVER STANDARD
- LINUX Ubuntu Desktop
- Ubuntu Server Edition

Compliance of Component
- CE
- FCC

Other Features
- Features:
  Expansion Slots

  (1) PCIe Gen.5 x8 slot

  (4) PCIe Gen.5 x16 slots

  * Access to PCI Express slot requires expansion

Width w/ expansion card retainer: 157mm
Width w/o expansion card retainer: 198mm
Limitation of CPU cooler: Height w/ expansion card retainer: 181mm
Height w/o expansion card retainer: 192mm
Limitation of PSU: 160mm~190mm (Removal of 3.5" drive cage eliminates PSU depth limitation)
Dimension Incl. rear fan cage: 440mm (W) x 220mm (H) x 530mm (D), 51.3 liters Excl. rear fan cage:

- Motherboard Warranty: 1 Year

440mm (W) x 220mm (H) x 485mm (D), 46.95 liters Incl. rear fan cage: 17.3" (W), 8.66" (H), 20.87" (D) Excl. rear fan cage: 17.3" (W), 8.66" (H), 19.1" (D)

- Chassis Warranty: 1 Year