2U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG
SL-2U-MTC741T-SJ

(full size images available on web site)

Type:

- 2U Rack Mount Industrial PC
- Depth: 17", Max Card Depth: 404mm"

Motherboard:

- Featuring Intel C741 Chipset and Intel Xeon Scalable Processors 5th/4th Gen, LGA4677 (Socket E) processor
- **Low Profile 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
- **Power Supply:** 600W 1U FLEX ATX Power Supply - 80+ Platinum Efficient
- **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, 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: 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 and IPMI: 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
- 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

Chassis Specifications:

General
- Form Factor: 2U Rackmount
- Front Changeable Air Filter
- Color: Black
- Material: Metal/Steel
- Material Thickness: 1mm
- Motherboard Compatibility: SSI EEB
- Slide Rails: Optional

Expansion
- Low Profile Slots: 7
- Max Card Depth: 404mm"
- Internal 2.5" Bays: 5

Front Ports
- USB 3.2 Ports (Front): 2

Cooling System
- Maximum Fan Count: 4

Physical
- Depth: 17"
- Depth (Inches): 17
- Width: 17"
- Height: 3.46"
- Shipping Box - Depth: 20.50"
- Shipping Box - Width: 20.50"
- Shipping Box - Height: 7.50"
- Shipping Weight: 16lbs

Other Features
- Features:
  Storage

  Five (5) 2.5" drives up to 7mm thick
  Up to five(5) 7mm 2.5" SSDs in the rear drive cage when not using 3.5" HDD mounts
  Two (2) 3.5" drives up to 20mm thick
  Up to two(2) 3.5" Hard Disk Drives [HDDs]
  OR
  One(1) full-sized 3.5" HDD, and one(1) 2.5" SSD up to 15mm thick

- 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 SERVER BASIC
- RED HAT Enterprise LINUX WORKSTATION STANDARD
- 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 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
- Chassis Warranty: 1 Year

Power

- Remote Server Management:

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