3U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG
SL-3U-MTC741T-SU

Type:

- 3U Rack Mount Industrial PC
- Depth: 17", Max Card Depth: 322mm"

Motherboard:

- Featuring Intel C741 Chipset and Intel Xeon Scalable Processors 5th/4th Gen, LGA4677 (Socket E) 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
- **Power Supply:** 700W SFX Form Factor Auto-Switching Power Supply, Fully Modular, 80+ Platinum

- **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

Chassis Specifications:

General
- Form Factor: 3U Rackmount
- Front Changeable Air Filter
- Color: Black
- Material: Metal/Steel
- Material Thickness: 1mm
- Motherboard Compatibility: SSI EEB
- Slide Rails: Optional

Expansion
- Full Height Slots: 8
- Max Card Depth: 322mm"
- External 5.25" Bays: 1
- Internal 2.5" Bays: 2

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

Cooling System
- Maximum Fan Count: 2

Physical
- Depth: 17"
- Depth (Inches): 17
- Width: 17"
- Height: 5.22"
- Shipping Box - Depth: 20.50"
- Shipping Box - Width: 18.50"
- Shipping Box - Height: 11.50"
- Shipping Weight: 20lbs

Other Features
- Features:
  Expansion slots

  Eight (8) Full height PCIe card slot cutouts
  8x full height PCIe card slots
  Maximum card height: 115mm (including power connectors)
  Maximum card length with 2x 25mm thick front fans: 375mm

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 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

Maximum card length with Asetek 240mm AIO and 2x 25mm thick front fans: 347mm
Maximum card length with Asetek 240mm AIO and 4x 25mm thick front fans: 322mm

Storage

One (1) 2.5" drive
Supports up to 1x 2.5" SSD under 5.25" bay
One (1) 2.5" drive up to 15mm thick
Supports up to 1x 2.5" SSD up to 7mm thick, or 1x 2.5" SSD up to 15mm thick
Mounting points located between motherboard IO shield and SFX PSU cutout

- Chassis Warranty: 1 Year

Power

- Remote Server Management:

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