

## 4U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG  
SL-4U-MTC741T-ST



(Full size images available on web site)

### Type:

- 4U Rack Mount Industrial PC
- Depth: 16.89", Max Card Depth: 375mm"

### 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:** 10°C to 35°C (50°F to 95°F)

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

## Chassis Specifications:

### **General**

- Form Factor: 4U Rackmount
- Front Changeable Air Filter
- Color: Black
- Material: Metal/Steel
- Material Thickness: 1mm
- Motherboard Compatibility: SSI CEB
- Redundant Power Supply Capable
- Slide Rails: Optional

### **Expansion**

- Full Height Slots: 8
- Max Card Depth: 375mm"
- Internal 3.5" Bays: 3
- Internal 2.5" Bays: 8

### **Front Ports**

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

### **Cooling System**

- Maximum Fan Count: 3

### **Physical**

- Depth: 16.89"
- Depth (Inches): Click Available Downloads Tab > Mechanical Drawings.
- Width: 17"
- Height: 6.96"
- Shipping Box - Depth: 21"
- Shipping Box - Width: 21"
- Shipping Box - Height: 11"
- Shipping Weight: 30lbs

### **Other Features**

- Features:
  - 8x full height PCIe card slot cutouts

### **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: 10°C to 35°C (50°F to 95°F )
- 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

- Maximum card height: 158mm (card and power connector must be ≤158mm tall)
- Maximum card length: 375mm (with 25mm thick front fans)
- LIQUID COOLING NOTE: radiators reduce the available depth inside the case for long GPUs
- Inside of case is 399mm deep
- Thickness of radiator + thickness of case fans + GPU length must equal less than 399mm total.
- Chassis Warranty: 1 Year

\* 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



[www.superlogics.com](http://www.superlogics.com)  
Phone: 1-508-650-9500

[sales@superlogics.com](mailto:sales@superlogics.com)  
Fax: 1-508-650-9525