Tower Server Desktop

Configuration Number: BASE CONFIG
SL-DK-MTC741T-FW

(full size images available on web site)

Type:

- Tower Server
- Dimension: 547mm x 240mm x 475mm

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 5.0 NVMe SSD M.2 7,150/6,300MB/s - Samsung 990 EVO Plus

- **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, 10

Chassis Specifications:

General
- Form Factor: Full Tower
- Front Facing I/O
- Front Changeable Air Filter
- Color: Black
- Material: Metal/Steel
- Material Thickness: 1mm
- Motherboard Compatibility: E-ATX

Expansion
- Full Height Slots: 7
- Max Card Depth: Storage layout: 315 mm - Open layout: 491 mm (467 mm w/ front fan)"
- External 5.25" Bays: 1
- Internal 3.5" Bays: 6
- Internal 2.5" Bays: 2

Front Ports
- USB 3.2 Ports (Front): 5
- Front Audio Ports: 1

Cooling System
- Maximum Fan Count: 9
- Included Fans: 4

Physical
- Depth: 547mm
- Depth (Inches): 21.5
- Width: 240mm
- Height: 475mm
- Shipping Box - Depth: 558mm
- Shipping Box - Width: 363mm
- Shipping Box - Height: 641mm
- Shipping Weight: 36lbs

Other Features
- Chassis Warranty: 1 Year

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 slot and a riser in some chassis models. Please check Chassis Specification section for more information.

- Motherboard Warranty: 1 Year