## 4U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG SL-4U-TRX50-SG-ST





## Liquid Cooled Rack Mount

## Type:

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

## Motherboard:

- Featuring AMD TRX50 and AMD Socket sTR5 for Ryzen<sup>™</sup> Threadripper<sup>™</sup> PRO 7000 WX-Series processor
- Full Height Slots: 5 - PCle x16
- LAN: 2x Ports (2.5GbE + 10GbE )
- WiFi: Wi-Fi 7 + BT
- **RAID:** 0,1,5,10 and NVMe 0,1,5
- Video: None
- Audio: Realtek ALC1220P Surround Sound High Definition Audio CODEC
- Ports: 6x USB 2.0 Ports ( 2 Rear, 4 Internal Headers ) 2x USB 3.2 Gen 1 Ports ( 2 Front ) 6x USB 3.2 Gen 2 Ports ( 6 Rear ) 1x USB 3.2 Gen 2 Type-C Port ( 1 Internal Headers ) See specifications for more ports
- Operating Temperature: 10°C to 35°C (50°F to 95°F)

Configuration summary:

- **Processor:** i7-9800X 3.8GHz (up to 4.4GHz) Intel Octa (8) Core CPU - 16.5MB Cache, No Onboard Graphics (165W)
- Memory: 2 x 16GB DDR5 6000MHz ECCR RAM..
- Hard Drive: 1TB PCIe 4.0 NVMe SSD M.2

7,450/6,900MB/s - Samsung 990 PRO

- Add-In Graphic Card: NVIDIA Quadro T400 4GB 64-bit GDDR5 PCIe 3.0 x16 Workstation Video Card - 3 x Mini DisplayPort 1.4 - No Win 7 Support!
- **Power Supply:** 850W ATX12V / EPS12V Full Modular 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: AMD Socket sTR5 for Ryzen™ Threadripper™ PRO 7000 WX-Series

#### Chipset

Chipset: AMD TRX50

#### Memory

- Memory Type: DDR5 4800MHz ECCR
- Memory Type: ECC Registered
- DIMMS: 4

#### **On Board Audio**

• Audio Type: Realtek ALC1220P Surround Sound High Definition Audio CODEC

#### **On Board Video**

- Video Chipset: None
- Video on IO: None

#### LAN

- LAN Ports: 2
- LAN Type: 2.5GbE + 10GbE
- LAN Chipset: Marvell AQtion 10Gb Ethernet
- Second LAN Chipset: Intel i226-LM 2.5GbE Ethernet
- Wireless LAN: Wi-Fi 7 + BT

#### **Drive Interface**

• SATA III Ports (6GB): 4

**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

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

#### **Expansion Slots**

• PCI Express x16 Slots On Motherboard: 5

#### M.2 Slot Specs

- Total M.2 NVMe SSD Slots: 3
- M.2 Slot #1 Specs
- PCle Signal
- 2242 22 mm x 42 mm.
- 2260 22 mm x 60 mm.
- 2280 22 mm x 80 mm.
- M.2 Slot #2 Specs
- PCle Signal
- 2242 22 mm x 42 mm.
- 2260 22 mm x 60 mm.
- 2280 22 mm x 80 mm.
- M.2 Slot #3 Specs
- PCle Signal
- 2280 22 mm x 80 mm.

#### Rear IO

- USB 2.0 Ports (on IO): 2
- USB 3.2 Gen 2 Type A Ports (on IO): 6
- USB 3.2 Gen 2x2 Type C Ports (on I/O): 1
- SPDIF Connector: 1
- Audio on IO

#### Headers

- USB 2.0 Ports (on Headers): 4
- USB 3.2 Gen 1 Ports (on Headers): 2
- USB 3.2 Gen 2 Type-C (on Headers): 1
- SPDIF Connector: 1
- FAN Connectors: 6
- Audio on Headers
- Chassis Intrusion
- TPM Support: Via 2.0 Header

#### Environmental

- Operating Temperature: 10°C to 35°C (50°F to 95°F )
- High Humidity: 90%
- Low Humidity: 20%

#### **Operating System Support**

- Windows 11 Pro (64 Bit)
- Windows 11 Pro for WS (64 Bit)

#### **Compliance of Component**

• CE

#### **Other Features**

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

- RoHS
- FCC

#### **Other Features**

Features: AMD Ryzen<sup>™</sup> Threadripper<sup>™</sup> PRO 7000 WX-Series and Ryzen<sup>™</sup> Threadripper<sup>™</sup> 7000 Series Processors 2 x PCle 5.0 x16 slots 1 x PCle 5.0 x16 slot(x8 mode) 1 x PCle 4.0 x16 slot 1 x PCle 4.0 x16 slot(x4 mode)

Total supports 3 x M.2 slots, 4 x SATA 6Gb/s ports AMD Ryzen<sup>™</sup> Threadripper<sup>™</sup> PRO 7000 WX-Series and Ryzen<sup>™</sup> Threadripper<sup>™</sup> 7000 Series Processors M.2 1 slot (Key M), type 2242/2260/2280

(supports PCIe 5.0 x4 mode) M.2\_2 slot (Key M), type 2242/2260/2280 (supports PCIe 5.0 x4 mode)AMD TRX50 Chipset M.2\_3 slot (Key M), type 2280(supports PCIe 4.0 x4 mode)

4 x SATA 6Gb/s ports

1 x SlimSAS slot supports PCIe 4.0 x4 mode NVMe device

\* AMD RAIDXpert2 Technology supports both PCIe RAID 0/1/5/10 and SATA RAID 0/1/5/10.

\* 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



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