

## 2U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG

SL-2U-MCX-C621DPI-LF





## Intel Xeon Scalable Platform

## Type:

- 2U Rack Mount Server
- Depth: 25.50", Max Card Depth: 8 14 Inches"

## Motherboard:

- Featuring Intel C621 Chipset and Intel Xeon Scalable Processors processor
- Low Profile Slots:
  - 4 PCle x16
  - 2 PCle x8
- LAN: 2x Ports (1GbE (10/100/1000))
- RAID: 0,1,5,10Video: 1x VGA
- Audio: No Onboard Audio
- Ports:

2x USB 2.0 Ports (2 Rear)

4x USB 3.2 Gen 1 Ports (2 Rear, 2

Internal Headers )

2x COM Ports (1 RS232 Rear, 1 RS232

Internal Headers)

See specifications for more ports

• Operating Temperature: 10°C to 35°C (50°F to 95°F)

## Configuration summary:

- Processor: 2 x Xeon Bronze 3104 -1.70GHz Six Core Intel Processor -8.25MB Cache (85W)
- Memory: 2 x 8GB DDR4 3200MHz ECC Registered RAM
- Hard Drive: 500GB M.2 2280 NVMe SSD or greater 5,000/3,000MB/s
- Power Supply: 1000W Redundant Power

## Supplies with PMBus 80+ Titanium

- Operating System: Not Included -
- Warranty: One-Year Depot Warranty

# **Technical Specifications**

## MotherBoard Specifications:

#### **Motherboard Model**

• Motherboard Type: Extended ATX

## **Supported CPU**

• Number of Processors: 2

• Processor Type: Intel Xeon Scalable Processors

#### Chipset

• Chipset: Intel C621 Chipset

## Memory

• Memory Type: DDR4 2400MHz ECCR

• Memory Type: ECC Registered

• DIMMS: 16

• Maximum Memory: 2048GB

## **On Board Audio**

• Audio Type: No Onboard Audio

#### On Board Video

• Video Chipset: ASPEED AST2500 BMC

Video on IO: 1x VGAVGA Port Out: 1

## LAN

• LAN Ports: 2

• LAN Type: 1GbE (10/100/1000)

• LAN Chipset: Intel X722

Second LAN Chipset: Intel X722Wireless LAN: No Integrated WLAN

## **Drive Interface**

• SATA III Ports (6GB): 14

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: 2

## Chassis Specifications:

#### **General**

• Form Factor: 2U Rackmount

• Color: Black

Material: Steel & PlasticMaterial Thickness: 1mm

• Redundant Power Supply Capable

• Slide Rails: Optional

#### **Expansion**

• Low Profile Slots: 6

• Max Card Depth: 8 - 14 Inches"

• 3.5" Hot Swap Bays: 8

#### **Front Ports**

• USB 2.0 Ports (Front): 2

#### **Cooling System**

• Maximum Fan Count: 3

• Included Fans: 3

#### **Physical**

• Depth: 25.50"

• Depth (Inches): 25.5

Width: 17.20"Height: 3.50"

• Shipping Box - Depth: 34.50"

• Shipping Box - Width: 11.40"

• Shipping Box - Height: 26.70"

• Shipping Weight: 37lbs

#### Power

 Built-in Chassis Power Supply: 1000W Redundant Power Supplies with PMBus 80+ Titanium

## M.2 Slot Specs

- Total M.2 NVMe SSD Slots: 1
- M.2 Slot #1 Specs
- PCle Signal
- 22110 22 mm x 110 mm.
- 2260 22 mm x 60 mm.
- 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

#### **Headers**

- USB 3.2 Gen 1 Ports (on Headers): 2
- Serial (via Headers): 1
- FAN Connectors: 8
- Chassis Intrusion

## **Management Features**

• TPM Support: Via 2.0 Header

#### **Environmental**

- Operating Temperature: 10°C to 35°C (50°F to 95°F)
- High Humidity: 90%
- Low Humidity: 8%

## **Operating System Support**

- Windows 10 Pro WS (64-Bit)
- Ubuntu Server Edition
- Windows Server 2016 STD
- Windows Server 2019 Std
- RED HAT Enterprise LINUX SERVER STANDARD

## **Compliance of Component**

- CE
- RoHS
- FCC

## **Warranty of Component**

• Motherboard Warranty: 1 Year

#### **Other Features**

• Other Features:

**PCI-Express** 

- 4 PCI-E 3.0 x16 (Low-profile)
- 2 PCI-E 3.0 x8 (Low-profile)



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