

1U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG

SL-1U-MCX-C621SPM-LE





Type:

- 1U Rack Mount Server
- Depth: 19.80"

Motherboard:

- Featuring Intel C621 Chipset and Intel Xeon Scalable Processors processor
- Full Height Slots:
 - 1 PCle x8
- LAN: 2x Ports (1GbE (10/100/1000))
 RAID: 0,1,5,10 via LSI MegaRAID
- Video: 1x VGA
- Audio: No Onboard Audio
- Ports:

6x USB 2.0 Ports (2 Rear, 4 Internal

Headers)

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: 0°C to 60°C (32°F to 140°F)

Configuration summary:

- Processor: Xeon Bronze 3104 1.70GHz Six Core Intel Processor - 8.25MB Cache (85W)
- Memory: 8GB DDR4 3200MHz ECC Registered RAM
- Hard Drive: 500GB M.2 2280 NVMe SSD or greater 5,000/3,000MB/s
- Power Supply: 350W AC power supply w/ PFC
- Operating System: Not Included -Warranty: One-Year Depot Warranty

Technical Specifications

MotherBoard Specifications:

Motherboard Model

• Motherboard Type: MicroATX

Supported CPU

• Number of Processors: 1

Processor Type: Intel Xeon Scalable Processors

Chipset

• Chipset: Intel C621 Chipset

Memory

• Memory Type: DDR4 2666MHz ECCR

• Memory Type: ECC Registered

• DIMMS: 6

• Maximum Memory: 1500GB

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: Marvell 88E1512Wireless LAN: No Integrated WLAN

Drive Interface

• SATA III Ports (6GB): 4

RAID

• RAID Type: Software RAID

 RAID Levels Supported on Motherboard: 0, 1, 5, 10

M.2 Slot Specs

• Total M.2 NVMe SSD Slots: 1

M.2 Slot #1 Specs

• PCIe Signal

• 2242 - 22 mm x 42 mm.

• 2280 - 22 mm x 80 mm.

Rear IO

• USB 2.0 Ports (on IO): 2

Chassis Specifications:

General

• Form Factor: 1U Rackmount

• Color: Black

Material: Steel & PlasticMaterial Thickness: 1mm

Slide Rails: Optional

Expansion

Full Height Slots: 13.5" Hot Swap Bays: 4

Cooling System

• Maximum Fan Count: 6

• Included Fans: 4

Physical

• Depth: 19.80"

• Depth (Inches): 19.8

Width: 17.20"Height: 1.70"

Shipping Box - Depth: 29.50"
Shipping Box - Width: 24"
Shipping Box - Height: 8.50"

• Shipping Weight: 31lbs

Power

 Built-in Chassis Power Supply: 350W AC power supply w/ PFC

- USB 3.2 Gen 1 Type A Ports (on IO): 2
- Serial (Rear IO): 1

Headers

- USB 2.0 Ports (on Headers): 4
- USB 3.2 Gen 1 Ports (on Headers): 2
- Serial (via Headers): 1
- FAN Connectors: 8

Management Features

• TPM Support: Via 2.0 Header

Environmental

- Operating Temperature: 0°C to 60°C (32°F to 140°F)
- High Humidity: 85%Low Humidity: 10%

Operating System Support

- Windows 10 Pro (64-Bit)
- Windows 10 Pro WS (64-Bit)
- Windows 10 IoT Ent
- SL-Windows 11PRO to 10PRO 64bit
- Ubuntu Server Edition
- Windows Server 2012
- Windows Server 2016 STD
- Windows Server 2019 Std
- RED HAT Enterprise LINUX SERVER BASIC
- RED HAT Enterprise LINUX WORKSTATION STANDARD
- 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**
 - 2 PCI-E 3.0 x16,
 - 1 PCI-E 3.0 x8



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