

1U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG

SL-1U-MCX-C621DPL-LF







Type:

- 1U Rack Mount Server
- Depth: 19.98"

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:
 - 4x USB 2.0 Ports (2 Rear, 2 Internal
 - Headers)
 - 2x USB 3.2 Gen 1 Ports (2 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: 600W redundancy PWS meet PMBus 1.2 with high efficiency and high power density. 80 Plus Platinum
- Operating System: Not Included -
- Warranty: One-Year Depot Warranty

Technical Specifications

MotherBoard Specifications:

Motherboard Model

• Motherboard Type: 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: 8

• Maximum Memory: 64GB

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: Marvell 88E1512

• Second LAN Chipset: Marvell 88E1512

• Wireless LAN: No Integrated WLAN

Drive Interface

• SATA III Ports (6GB): 10

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

• PCle Signal

• 2260 - 22 mm x 60 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 & SilverMaterial: Steel & PlasticMaterial Thickness: 1mm

• Redundant Power Supply Capable

• Slide Rails: Optional

Expansion

Full Height Slots: 13.5" Hot Swap Bays: 4

Cooling System

• Maximum Fan Count: 6

• Included Fans: 4

Physical

Depth: 19.98"Width: 17.20"Height: 1.70"

Shipping Box - Depth: 29.70"
Shipping Box - Width: 23.40"
Shipping Box - Height: 8.50"
Shipping Weight: 35lbs

Power

 Built-in Chassis Power Supply: 600W redundancy PWS meet PMBus 1.2 with high efficiency and high power density. 80 Plus Platinum

Other Features

Features: PCI-Express

• 1 PCI-E 3.0 x8 (FHHL) slot in 1U Chassis

Headers

- USB 2.0 Ports (on Headers): 2
- USB 3.2 Gen 1 Ports (on Headers): 2
- FAN Connectors: 8
- Chassis Intrusion

Management Features

- NMI
- Watch Dog
- 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 (64-Bit)
- Windows 10 Pro WS (64-Bit)
- Windows 10 IoT Ent
- Windows 10 IoT Ent 2019 LTSC
- SL-Windows 11PRO to 10PRO 64bit
- LINUX Ubuntu Workstation
- Ubuntu Server Edition
- 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
- VMWare Compatible: Partially Supported

Compliance of Component

- CE
- RoHS
- FCC

Warranty of Component

• Motherboard Warranty: 1 Year

Other Features

• Other Features:

x8 slot)

1 PCI-E 3.0 x4 (in

M.2 • M.2 Interface:

PCI-E 3.0 x4
• Form Factor: 2260, 2280



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