

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 - PCIe x16

2 - PCIe x8

LAN: 2x GB (10/100/1000)

RAID: 0,1,5,10

Video: VGA

Audio: No Onboard Audio

Ports:

2x USB 2.0 Ports (2 Front, 2 Rear)

4x USB 3.0 Ports (2 Rear , 2 via internal headers)

2x COM Ports (1 Rear, 1 on Headers)

See specifications for more ports

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



(full size images available on web site)

Also Included:

Processor: 2 x Xeon Bronze 3104 - 1.70GHz Six Core Intel Processor - 8.25MB Cache (85W) [Upgradeable]

Memory: 2 x 8GB DDR4 2400MHz ECC Registered RAM [Upgradeable]

Hard Drive: 250GB NVMe SSD M.2 3.5GB/2.3GB - Samsung 970 EVO Plus [Upgradeable]

Operating System: Not Included -

Warranty: One-Year Depot Warranty [Upgradeable]

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: VGA
- VGA Port Out: 1

LAN

- LAN Ports: 2
- LAN Type: GB (10/100/1000)
- LAN Chipset: Intel X722
- Second LAN Chipset: Intel X722
- Wireless 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

mini PCIe

M.2

- M.2 NVMe: 1
- M.2

Chassis Specifications:

General

- Form Factor: 2U Rackmount
- Color: Black
- Material: Steel & Plastic
- Material 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
- Slim CDBay: 1

Front Ports

- USB 2.0 Port (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

- PCIe
- 110mm
- 60mm
- 80mm

Rear IO

- USB 2.0 Ports (on IO): 2
- USB 3.0 Ports (on IO): 2
- Serial (Rear IO): 1

Headers

- USB 3.0 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

- UL
- 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)