

1U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG SL-1U-MCX-C621A-R182-TF





Type:

- 1U Rack Mount Server
- Depth: 30.71"

Motherboard:

- Featuring Intel C621A Chipset and Intel Xeon Scalable Processors 3rd Gen processor
- Full Height Slots:
 - 2 PCle x16
- **LAN:** 2x Ports (1GbE (10/100/1000))
- RAID: 0,1,5,10Video: 1x VGA
- Audio: No Onboard Audio
- Ports:
 - 2x USB 3.2 Gen 1 Ports (2 Rear) See specifications for more ports
- Operating Temperature: 10°C to 35°C
 - (50°F to 95°F)

Configuration summary:

- Processor: 2 x 3rd Gen Xeon Silver 4310
 2.1GHz (up to 3.3GHz) Twelve Core Intel Processor - 18MB Cache (120W)
- **Memory:** 4 x 8GB DDR4 3200MHz ECC Registered RAM
- Hard Drive: 1.0TB SATA 6Gb/s 7200RPM 128MB 3.5" - EXOS 7E2 Series
- Power Supply: 1+1 80 PLUS Platinum 1300W redundant PSU
- Operating System: Not Included -Warranty: One-Year Depot Warranty

Technical Specifications

MotherBoard Specifications:

Motherboard Model

• Motherboard Type: Proprietary

Supported CPU

• Number of Processors: 2

Processor Type: Intel Xeon Scalable Processors

Chipset

• Chipset: Intel C621A Chipset

Memory

Memory Type: DDR4 2666MHz ECCR

• Memory Type: ECC Registered

• DIMMS: 32

• Maximum Memory: 128GB

On Board Audio

• Audio Type: No Onboard Audio

On Board Video

• Video Chipset: ASPEED AST2600 BMC

Video on IO: 1x VGAVGA Port Out: 1

LAN

• LAN Ports: 2

• LAN Type: 1GbE (10/100/1000)

• LAN Chipset: Intel i350

• Second LAN Chipset: Intel i350

• Wireless 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

Expansion Slots

• PCI Express x16 Slots On Motherboard: 2

Rear IO

• USB 3.2 Gen 1 Type A Ports (on IO): 2

Headers

• FAN Connectors: 8

Management Features

Chassis Specifications:

General

• Form Factor: 1U Rackmount

Color: Black & SilverMaterial: Steel & PlasticMaterial Thickness: 1mm

• Redundant Power Supply Capable

• Slide Rails: Included

Expansion

Full Height Slots: 23.5" Hot Swap Bays: 4

Front Ports

• USB 3.2 Ports (Front): 2

Cooling System

• Maximum Fan Count: 8

• Included Fans: 8

Physical

• Depth: 30.71"

• Width: 17.25"

Shipping Box - Depth: 39"
Shipping Box - Width: 24"
Shipping Box - Height: 10"

Power

Built-in Chassis Power Supply: 1+1 80 PLUS
 Platinum 1300W redundant PSU

• TPM Support: Via 2.0 Header

Environmental

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

High Humidity: 80%Low Humidity: 8%

Operating System Support

- Ubuntu Server Edition
- Windows Server 2019 Std
- RED HAT Enterprise LINUX SERVER BASIC
- RED HAT Enterprise LINUX WORKSTATION STANDARD
- RED HAT Enterprise LINUX SERVER STANDARD
- VMWare Compatible

Warranty of Component

• Motherboard Warranty: 3 Years

Other Features

- 1 x PCle x16 slot (Gen4 x16), Full-height halflength
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www.superlogics.com
Phone: 1-508-650-9500

sales@superlogics.com Fax: 1-508-650-9525