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 - PCIe x16
- **LAN:** 2x Ports (1GbE (10/100/1000))
- **RAID:** 0,1,5,10
- **Video:** 1x VGA
- **Audio:** No Onboard Audio
- **Ports:**
  2x USB 3.2 Gen 1 Ports (2 Rear)
  See specifications for more ports
- **Operating Temperature:** 10ºC to 35ºC (50ºF to 95ºF)

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:** 250GB SSD SATA 6.0Gb/s 560/530MB/s 2.5" - Samsung 870 EVO
- **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 3rd Gen

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 VGA
- VGA Port Out: 1

LAN
- LAN Ports: 2
- LAN Type and IPMI: 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 & Silver
- Material: Steel & Plastic
- Material Thickness: 1mm
- Redundant Power Supply Capable
- Slide Rails: Included

Expansion
- Full Height Slots: 2
- 3.5" 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: 10ºC to 35ºC (50ºF to 95ºF)
- 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 PCIe x16 slot (Gen4 x16), Full-height half-length
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