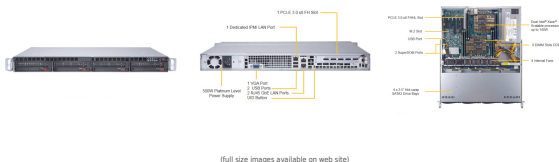


# 1U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG  
SL-1U-MCX-C621DPL-LE



## Type:

- 1U Rack Mount Server
- Depth: 19.98"

## Motherboard:

- Featuring Intel C621 Chipset and Intel Xeon Scalable Processors processor
- **Full Height Slots:**
  - 1 - PCIe x8
- **LAN:** 2x Ports (1GbE (10/100/1000))
- **RAID:** 0,1,5,10 via LSI MegaRAID
- **Video:** 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 2666MHz ECC Registered RAM
- **Hard Drive:** 250GB NVMe SSD M.2 2.9GB/1.3GB - Samsung 980
- **Power Supply:** 500W Multi-output power supply w/ PMbus, 80Plus 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: VGA
- VGA 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
- PCIe 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 & Silver
- Material: Steel & Plastic
- Material Thickness: 1mm
- Slide Rails: Optional

### Expansion

- Full Height Slots: 1
- 3.5" 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: 500W Multi-output power supply w/ PMbus, 80Plus 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
- 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:
  - PCI-E
    - 2 PCI-E 3.0 x16,
    - 3 PCI-E 3.0 x8,
    - 1 PCI-E 3.0 x4 (in x8 slot)
  - M.2
    - M.2 Interface: PCI-E 3.0 x4
    - Form Factor: 2260, 2280



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