2U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG
SL-2U-MCX-C622DPIT-LG

(full size images available on web site)

Type:

- 2U Rack Mount Server
- Depth: 25.50", Max Card Depth: 8 - 14 Inches"

Motherboard:

- Featuring Intel C622 Chipset and Intel Xeon Scalable Processors processor
- **Low Profile Slots:**
  4 - PCIe x16
  2 - PCIe x8
- **LAN:** 2x Ports (10GbE)
- **RAID:** 0,1,5,10
- **Video:** 1x VGA
- **Audio:** No Onboard Audio
- **Ports:**
  2x USB 2.0 Ports (2 Rear)
  4x USB 3.2 Gen 1 Ports (2 Rear, 2 Internal Headers)
  1x COM Port (RS232 Rear)
  See specifications for more ports
- **Operating Temperature:** 10ºC to 35ºC (50ºF to 95ºF)

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:** 1000W Redundant Power Supplies with PMBus 80+ Titanium
- **Operating System:** Not Included -
- **Warranty:** One-Year Depot Warranty

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 C622 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: 1x VGA
- VGA Port Out: 1

LAN
- LAN Ports: 2
- LAN Type: 10GbE
- LAN Chipset: Intel X722
- Second LAN Chipset: Intel X557
- 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

M.2 Slot Specs
- Total M.2 NVMe SSD Slots: 1
- M.2 Slot #1 Specs
- PCIe Signal
- 22110 - 22 mm x 110 mm.

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

Front Ports
- USB 2.0 Ports (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

- 2260 - 22 mm x 60 mm.
- 2280 - 22 mm x 80 mm.

Rear IO

- USB 2.0 Ports (on IO): 2
- USB 3.2 Gen 1 Type A Ports (on IO): 2
- Serial (Rear IO): 1

Headers

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

Management Features

- TPM Support: Via 2.0 Header

Environmental

- Operating Temperature: 10ºC to 35ºC (50ºF to 95ºF)
- 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

- 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)