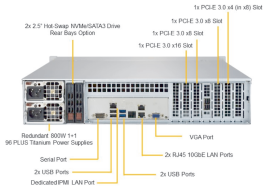
2U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG
SL-2U-MCX-C622SPH-LE



(full size images available on web site)

Type:

- 2U Rack Mount Server
- Depth: 25.60", Max Card Depth: 14"

Motherboard:

- Featuring Intel C622 Chipset and Intel Xeon Scalable Processors processor
- **Low Profile Slots:**
  1 - PCIe x16
  2 - PCIe x8
  1 - PCIe x4
- **LAN:** 2x Ports (10GbE)
- **RAID:** 0,1,5,10
- **Video:** 1x VGA
- **Audio:** No Onboard Audio
- **Ports:**
  2x USB 2.0 Ports (2 Rear)
  2x USB 3.2 Gen 1 Ports (2 Rear)
  2x COM Ports (1 RS232 Rear, 1 RS232 Internal Headers)
  See specifications for more ports
- **Operating Temperature:** 10ºC to 35ºC (50ºF to 95ºF)

Configuration summary:

- **Processor:** Xeon Bronze 3104 - 1.70GHz Six Core Intel Processor - 8.25MB Cache (85W)
- **Memory:** 8GB DDR4 3200MHz ECC Registered RAM
- **Hard Drive:** 500GB M.2 2280 NVMe SSD or greater 5,000/3,000MB/s
- **Power Supply:** 800W Redundant Power Supplies with PMBus 80+ Titanium
- **Operating System:** Not Included -
- **Warranty:** One-Year Depot Warranty

Technical Specifications

MotherBoard Specifications:

Motherboard Model
- Motherboard Type: ATX

Supported CPU
- Number of Processors: 1
- Processor Type: Intel Xeon Scalable Processors

Chipset
- Chipset: Intel C622 Chipset

Memory
- Memory Type: DDR4 2400MHz ECCR
- Memory Type: ECC Registered
- DIMMS: 8
- Maximum Memory: 256GB

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 and IPMI: 10GbE
- LAN Chipset: Intel X557
- Second LAN Chipset: Intel X557
- Wireless LAN: No Integrated WLAN

Drive Interface
- SATA III Ports (6GB): 10
- SAS 6G Ports: 8

Expansion Slots
- PCI Express x16 Slots On Motherboard: 1
- PCI Express x8 Slots On Motherboard: 2
- PCI Express x4 Slots On Motherboard: 1

M.2 Slot Specs
- Total M.2 NVMe SSD Slots: 1
- M.2 Slot #1 Specs
- M.2 SATA SSD
- PCIe Signal
- 2280 - 22 mm x 80 mm.

Chassis Specifications:

General
- Form Factor: 2U Rackmount
- Color: Black & Silver
- Material: Steel & Plastic
- Material Thickness: 1mm
- Redundant Power Supply Capable
- Slide Rails: Optional

Expansion
- Low Profile Slots: 4
- Max Card Depth: 14"
- 2.5" Hot Swap Bays: 2
- 3.5" Hot Swap Bays: 12

Cooling System
- Maximum Fan Count: 3
- Included Fans: 3

Physical
- Depth: 25.60"
- Width: 17.20"
- Height: 3.50"
- Shipping Box - Depth: 34"
- Shipping Box - Width: 26.50"
- Shipping Box - Height: 11.50"
- Shipping Weight: 60lbs

Power
- Built-in Chassis Power Supply: 800W Redundant Power Supplies with PMBus 80+ Titanium

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

- Serial (via Headers): 1
- FAN Connectors: 8

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 (64-Bit)
- Windows 10 Pro WS (64-Bit)
- Windows 10 IoT Ent
- Windows 10 IoT Ent 2019 LTSC
- SL-Windows 11PRO to 10PRO 64bit
- LINUX Ubuntu Workstation
- Ubuntu Server Edition
- Windows Server 2012
- 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
    - 1 PCI-E 3.0 x16
    - 1 PCI-E 3.0 x8
    - 1 PCI-E 3.0 x8
    - 1 PCI-E 2.0 x4 (in x8)