

1U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG

SL-1U-MCX-C622SPW-LN





Type:

- 1U Rack Mount Server
- Depth: 23.50", Max Card Depth: 12.3""

Motherboard:

- Featuring Intel C622 Chipset and Intel Xeon Scalable Processors processor
- Full Height Slots:
 - 2 PCle x16
 - 1 PCle x8
- **LAN:** 2x Ports (10GbE)
- RAID: 0,1,5,10 via LSI MegaRAID
- Video: 1x VGA
- Audio: No Onboard Audio
- Ports:

7x USB 2.0 Ports (2 Rear, 5 Internal

Headers)

4x USB 3.2 Gen 1 Ports (2 Front, 2 Rear) 2x COM Ports (1 RS232 Rear, 1 RS232 Internal Headers)

See specifications for more ports

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

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: 700W 1+1 Redundant, Platinum Level
- Operating System: Not Included -Warranty: One-Year Depot Warranty

Technical Specifications

MotherBoard Specifications:

Motherboard Model

• Motherboard Type: Proprietary

Supported CPU

• Number of Processors: 1

• Processor Type: Intel Xeon Scalable Processors

Chipset

• Chipset: Intel C622 Chipset

Memory

Memory Type: ECC Registered

• DIMMS: 8

• Maximum Memory: 768GB

On Board Audio

• Audio Type: No Onboard Audio

On Board Video

 Video Chipset: Supported by CPU - depends on CPU selected

Video on IO: 1x VGAVGA 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): 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

M.2 SATA SSD

• PCIe Signal

• 22110 - 22 mm x 110 mm.

• 2280 - 22 mm x 80 mm.

Rear IO

Chassis Specifications:

General

• Form Factor: 1U Rackmount

Color: Black & SilverMaterial: Metal/SteelMaterial Thickness: 1mm

• Redundant Power Supply Capable

• Slide Rails: Included

Expansion

Full Height Slots: 2
Low Profile Slots: 1
Max Card Depth: 12.3""
2.5" Hot Swap Bays: 10

Front Ports

• USB 3.2 Ports (Front): 2

Cooling System

• Maximum Fan Count: 6

• Included Fans: 5

Physical

• Depth: 23.50"

• Depth (Inches): 23.5

Width: 17.50"Height: 1.70"

Shipping Box - Depth: 32"
Shipping Box - Width: 24"
Shipping Box - Height: 8"

• Shipping Weight: 32lbs

Power

 Built-in Chassis Power Supply: 700W 1+1 Redundant, Platinum Level

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

Headers

- USB 2.0 Ports (on Headers): 5
- USB 3.2 Gen 1 Ports (on Headers): 2
- USB 2.0 Ports (Type A): 1
- Serial (via Headers): 1
- FAN Connectors: 7
- Chassis Intrusion

Management Features

- Watch Dog
- TPM Support: Via 2.0 Header

Environmental

- Operating Temperature: 35°C to 10°C (95°F to 50°F)
- High Humidity: 8%
- Low Humidity: 90%

Operating System Support

- Windows 8.1 Pro (64-bit)
- 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
- Ubuntu Server Edition
- Windows Server 2012
- 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

Compliance of Component

- CE
- RoHS
- FCC

Warranty of Component

• Motherboard Warranty: 1 Year



www.superlogics.com sales@superlogics.com Phone: 1-508-650-9500 Fax: 1-508-650-9525