

1U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG

SL-1U-MCX-C622SPW-LK





Type:

- 1U Rack Mount Server
- Depth: 25.60"

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 Rear, 2

Internal Headers)

2x COM Ports (1 RS232 Rear, 1 RS232

Internal Headers)

See specifications for more ports

• Operating Temperature: 10°C to 35°C (50°F to 95°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:** 500W Redundant Power Supplies with PMBus, 80+ Platinum Certified

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: DDR4 2666MHz ECCR

• Memory Type: ECC Registered

• DIMMS: 6

• Maximum Memory: 192GB

On Board Audio

• Audio Type: No Onboard Audio

On Board Video

• Video Chipset: ASPEED AST2500 BMC

Video on IO: 1x VGAVGA Port Out: 1

LAN

• LAN Ports: 2

• LAN Type: 10GbE

• LAN Chipset: Intel X722

Second LAN Chipset: Intel X557Wireless LAN: No Integrated WLAN

Drive Interface

• SATA III Ports (6GB): 10

RAID

• RAID Levels Supported on Motherboard: 0, 1, 5,

M.2 Slot Specs

• Total M.2 NVMe SSD Slots: 1

M.2 Slot #1 Specs

M.2 SATA SSD

• PCle Signal

• 22110 - 22 mm x 110 mm.

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: 2Low Profile Slots: 13.5" Hot Swap Bays: 4

Cooling System

• Maximum Fan Count: 7

• Included Fans: 5

Physical

• Depth: 25.60"

• Depth (Inches): 25.5

Width: 17.20"Height: 1.70"

Shipping Box - Depth: 33.70"
Shipping Box - Width: 23.50"
Shipping Box - Height: 8.50"

• Shipping Weight: 50lbs

Power

 Built-in Chassis Power Supply: 500W Redundant Power Supplies with PMBus, 80+ Platinum Certified

Other Features

• Features:

Included Rail set, quick/quick, optional for 1U 17.2

• 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 2.0 Ports (on Headers): 5
- USB 3.2 Gen 1 Ports (on Headers): 2
- Serial (via Headers): 1
- FAN Connectors: 7
- 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 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

Other Features

• Other Features:

PCI-Express

- 2 PCI-E 3.0 x16 (FHFL) slots
- 1 PCI-E 3.0 x8 (LP) slot



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