

2U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG
SL-2U-MCX-C612-LA-1



Rails Included

Type:

- 2U Rack Mount Server
- Depth: 25.47", Max Card Depth: 7" to Full Length"

Motherboard:

- Featuring Intel C612 Chipset and Xeon E5-2600v3 (LGA2011-3, 'Haswell') processor
- **Low Profile Slots:**
 - 3 - PCIe x16
 - 3 - PCIe x8
- **LAN:** 2x Ports (1GbE (10/100/1000))
- **RAID:** 0,1,5,10 via LSI MegaRAID
- **Video:** 1x VGA
- **Audio:** No Onboard Audio
- **Ports:**
 - 6x USB 2.0 Ports (2 Rear, 4 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:** 0°C to 35°C (32°F to 95°F)

Configuration summary:

- **Processor:** 2 x E5-2603 v3 - 1.6GHz Six Core Intel Xeon Processor - 15MB Cache (85W)
- **Memory:** 4 x 8GB DDR4 2666MHz ECC Registered RAM
- **Power Supply:** 740W (1+1) Redundant

High-Efficiency Power Supply - 80+ Platinum

- **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: Xeon E5-2600v3 (LGA2011-3, 'Haswell')

Chipset

- Chipset: Intel C612 Chipset

Memory

- Memory Type: DDR4 2133MHz ECCR
- Memory Type: ECC Registered
- DIMMS: 16
- Maximum Memory: 1024GB

On Board Audio

- Audio Type: No Onboard Audio

On Board Video

- Video Chipset: ASPEED AST2400 BMC
- Video on IO: 1x VGA
- VGA Port Out: 1

LAN

- LAN Ports: 2
- LAN Type: 1GbE (10/100/1000)
- LAN Chipset: Intel i350
- Third LAN Chipset: Dedicated IPMI
- 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

Expansion Slots

- PCI Express x16 Slots On Motherboard: 3

Chassis Specifications:

General

- Form Factor: 2U Rackmount
- Color: Black & Silver
- Material: Metal/Steel
- Material Thickness: 1mm
- Redundant Power Supply Capable
- Slide Rails: Included

Expansion

- Low Profile Slots: 6
- Max Card Depth: 7" to Full Length"
- 3.5" Hot Swap Bays: 8

Cooling System

- Maximum Fan Count: 8
- Included Fans: 3

Physical

- Depth: 647mm
- Depth (Inches): 25.47
- Width: 437mm
- Height: 89mm
- Shipping Box - Depth: 35"
- Shipping Box - Width: 27"
- Shipping Box - Height: 12"
- Shipping Weight: 55lbs

Power

- Built-in Chassis Power Supply: 740W (1+1)
Redundant High-Efficiency Power Supply - 80+ Platinum

- PCI Express x8 Slots On Motherboard: 3

Rear IO

- USB 2.0 Ports (on IO): 2
- USB 3.0 Ports (on IO): 2
- Serial (Rear IO): 1

Headers

- USB 2.0 Ports (on Headers): 4
- USB 3.0 Ports (on Headers): 2
- Serial (via Headers): 1
- FAN Connectors: 8
- DOM
- Chassis Intrusion

Management Features

- TPM Support: Via 1.2 Header

Environmental

- Operating Temperature: 0°C to 35°C (32°F to 95°F)
- High Humidity: 90%
- Low Humidity: 8%

Operating System Support

- Windows 7 Ultimate (64-bit)
- Windows 7 Pro (64-bit)
- 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
- LINUX Ubuntu Desktop
- LINUX Ubuntu Workstation
- Ubuntu Server Edition
- Windows Server 2012
- RED HAT Enterprise LINUX SERVER STANDARD

Compliance of Component

- UL
- CE
- RoHS
- FCC

Warranty of Component

- Motherboard Warranty: 1 Year

Other Features

- Other Features:
PCI-Express
 - 3x PCI-E 3.0 x16 (Low-profile)
 - 3x PCI-E 3.0 x8 (Low-profile)



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