4U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG
SL-4U-MCX-C612-WA

(full size images available on web site)

Type:

- 4U Rack Mount Server
- Depth: 21.50", Max Card Depth: Full Length", Locking Front Bezel

Motherboard:

- Featuring Intel C612 Chipset and Xeon E5-2600v4 (LGA2011-3, 'Broadwell') processor
- **Full Height Slots:**
  3 - PCIe x16
  2 - PCIe x8
  1 - PCIe x4
- **LAN:** 2x Ports (1GbE (10/100/1000))
- **RAID:** 0,1,5,10 via LSI MegaRAID
- **Video:** N/A
- **Audio:** 7.1+2 Channel HD Audio by Realtek ALC888
- **Ports:**
  4x USB 2.0 Ports (2 Rear, 2 Internal Headers)
  6x USB 3.2 Gen 1 Ports (2 Front, 4 Rear)
  See specifications for more ports
- **Operating Temperature:** 10ºC to 35ºC (50ºF to 95ºF)

Configuration summary:

- **Processor:** 2 x E5-2603 v4 - 1.7GHz Intel Xeon Six Cores CPU - 15MB Cache (no graphics on CPU) (85W)
- **Memory:** 8 x 4GB DDR4 2133MHz ECC Registered RAM
- **Hard Drive:** 1.0TB SATA 6Gb/s 7200RPM 128MB 3.5" - EXOS 7E2 Series
- **Power Supply:** 600W ATX12V (v2.2) 8cm 80 Plus Bronze 80MM FAN

- **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 E5-2600v4 (LGA2011-3, 'Broadwell')

Chipset
- Chipset: Intel C612 Chipset

Memory
- Memory Type: DDR4 2133MHz ECCR
- Memory Type: ECC Registered
- DIMMS: 16
- Maximum Memory: 512GB

On Board Audio
- Audio Type: 7.1+2 Channel HD Audio by Realtek ALC888

On Board Video
- Video Chipset: None
- Video on IO: N/A

LAN
- LAN Ports: 2
- LAN Type: 1GbE (10/100/1000)
- LAN Chipset: Intel i210AT
- Second LAN Chipset: Intel i210AT
- 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
- PCI Express x8 Slots On Motherboard: 2
- PCI Express x4 Slots On Motherboard: 1

Chassis Specifications:

General
- Form Factor: 4U Rackmount
- Front Changeable Air Filter
- Color: Black & Silver
- Material: Metal/Steel
- Material Thickness: 1.20mm
- Motherboard Compatibility: SSI EEB
- Redundant Power Supply Capable
- Slide Rails: Optional

Expansion
- Full Height Slots: 7
- Max Card Depth: Full Length"
- External 5.25" Bays: 3
- Internal 3.5" Bays: 4
- External 3.5" Bays: 1
- Serial Port Punchouts: 2

Front Ports
- USB 3.2 Ports (Front): 2

Cooling System
- Maximum Fan Count: 3
- Included Fans: 1

Physical
- Depth: 21.50"
- Depth (Inches): 21.5
- Width: 16.90"
- Height: 7"
- Shipping Box - Depth: 26"
- Shipping Box - Width: 23"
- Shipping Box - Height: 12"
- Shipping Weight: 28lbs

Compliance of Component
- RoHS

Other Features
- Chassis Warranty: 1 Year

Rear IO

- USB 2.0 Ports (on IO): 2
- USB 3.2 Gen 1 Type A Ports (on IO): 4
- SPDIF Connector: 1
- Audio on IO

Headers

- USB 2.0 Ports (on Headers): 2
- USB 3.2 Gen 1 Ports (on Headers): 2
- USB 2.0 Ports (Type A): 1
- FAN Connectors: 8
- DOM
- Chassis Intrusion
- TPM Support: Via 2.0 Header

Management Features

- NMI
- Watch Dog

Environmental

- Operating Temperature: 10ºC to 35ºC (50ºF to 95ºF)
- High Humidity: 90%
- Low Humidity: 8%

Operating System Support

- Windows 7 Ultimate (64-bit)
- Windows 7 Pro (64-bit)
- SL-Windows 10PRO to 7PRO 64-bit
- Windows 8.1 Pro (64-bit)
- Windows 10 Pro (64-Bit)
- Windows 10 Pro WS (64-Bit)
- SL-Windows 11PRO to 10PRO 64bit
- Windows 10 IoT Ent
- Windows 10 IoT Ent 2019 LTSC
- Windows Server 2012
- Windows Server 2016 STD
- RED HAT Enterprise LINUX SERVER STANDARD
- Ubuntu Server Edition
- VMWare Compatible: Partially Supported

Compliance of Component

- UL
- CE
- RoHS
- FCC

Other Features

- Other Features:
    - 3 PCI-E 3.0 x16
    - 2 PCI-E 3.0 x8
    - 1 PCI-E 2.0 x4 (in x8) Slot

(Both CPUs need to be installed for full access to PCI-E slots and onboard controllers.)

* Access to PCI Express slot requires expansion slot and a riser in some chassis models. Please check Chassis Specification section for more information.

If you have any questions, please discuss with our Sales Engineers.

- Motherboard Warranty: 1 Year

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www.superlogics.com
Phone: 1-508-650-9500

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