

## 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 GB (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 via internal headers )
  - 6x USB 3.0 Ports ( 4 Rear, 2 via internal headers )
  - See specifications for more ports
- **Operating Temperature:** 10°C to 35°C (50°F to 95°F)

### 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 Power Supply

- **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: GB (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 3.0 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

## **mini PCIe**

### **Rear IO**

- USB 2.0 Ports (on IO): 2
- USB 3.0 Ports (on IO): 4
- SPDIF Connector: 1
- Audio on IO

### **Headers**

- USB 2.0 Ports (on Headers): 2
- USB 3.0 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: 10°C to 35°C (50°F to 95°F )
- 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)
- 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](http://www.superlogics.com)  
Phone: 1-508-650-9500

[sales@superlogics.com](mailto:sales@superlogics.com)  
Fax: 1-508-650-9525