

# 1U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG  
SL-1U-MCX-C236SSH-LD



(full size images available on web site)

## Type:

- 1U Rack Mount Server
- Depth: 14.50", Max Card Depth: 8 Inches"

## Motherboard:

- Featuring Intel C236 Chipset and Xeon E3-1200v5/v6 (LGA1151, 'Skylake, Kaby Lake') processor
- **Full Height Slots:**
  - 1 - PCIe x8
- **LAN:** 2x Ports (1GbE (10/100/1000))
- **RAID:** 0,1
- **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:** 35°C to 10°C (95°F to 50°F)

## Configuration summary:

- **Processor:** G4400 - 3.3GHz Intel Pentium Dual Core - 3MB Cache, HD Graphics 510 (54W) (ERM) or Better
- **Memory:** 32GB DDR4 3200MHz ECCU RAM
- **Hard Drive:** 500GB M.2 2280 NVMe SSD or greater 5,000/3,000MB/s
- **Power Supply:** 350W 80+ Platinum Rated
- **Operating System:** Not Included -

- **Warranty:** One-Year Depot Warranty

# Technical Specifications

## MotherBoard Specifications:

### Motherboard Model

- Motherboard Type: MicroATX

### Supported CPU

- Number of Processors: 1
- Processor Type: Xeon E3-1200v5/v6 (LGA1151, 'Skylake, Kaby Lake')

### Chipset

- Chipset: Intel C236 Chipset

### Memory

- Memory Type: DDR4 2133MHz ECC
- Memory Type: ECC Unbuffered
- DIMMS: 4
- Maximum Memory: 64GB

### 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 and IPMI: 1GbE (10/100/1000)
- LAN Chipset: Intel i210AT
- Second LAN Chipset: Intel i210AT
- Wireless LAN: No Integrated WLAN

### Drive Interface

- SATA III Ports (6GB): 8
- 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
- PCIe Signal
- 2280 - 22 mm x 80 mm.

## Chassis Specifications:

### General

- Form Factor: 1U Rackmount
- Color: Black
- Material: Metal/Steel
- Material Thickness: 1mm
- Slide Rails: Optional

### Expansion

- Full Height Slots: 1
- Max Card Depth: 8 Inches"
- Internal 3.5" Bays: 2

### Cooling System

- Maximum Fan Count: 2
- Included Fans: 2

### Physical

- Depth: 14.50"
- Depth (Inches): 14.5
- Width: 17.20"
- Height: 1.70"
- Shipping Box - Depth: 6.10"
- Shipping Box - Width: 25.40"
- Shipping Box - Height: 19.80"
- Shipping Weight: 31lbs

### Power

- Built-in Chassis Power Supply: 350W 80+ Platinum Rated

**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): 4
- USB 3.2 Gen 1 Ports (on Headers): 2
- USB 2.0 Ports (Type A): 1
- Serial (via Headers): 1
- FAN Connectors: 5

**Management Features**

- NMI
- 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 7 Ultimate (64-bit)
- Windows 7 Pro (64-bit)
- Windows 7 Pro (FES) 32-Bit
- Windows 7 Pro (FES) 64-Bit
- Windows 7 PRO (FES) DGS 32-BIT
- Windows 7 PRO (FES) DGS 64-BIT
- Windows 8.1 Pro (64-bit)
- Windows 10 Pro (64-Bit)
- Windows 10 Pro WS (64-Bit)
- Windows 10 IoT Value
- Windows 10 IoT Ent
- Windows 10 IoT Value 2019 LTSC
- Windows 10 IoT Ent 2019 LTSC
- SL-Windows 11PRO to 10PRO 64bit
- LINUX Ubuntu Desktop
- LINUX Ubuntu Workstation
- Ubuntu Server Edition
- Windows Server 2012
- Windows Server 2016 STD
- RED HAT Enterprise LINUX SERVER STANDARD
- VMWare Compatible

**Compliance of Component**

- UL
- CE
- RoHS
- FCC

**Warranty of Component**

- Motherboard Warranty: 1 Year

**Other Features**

- Other Features:

PCI-Express

- 1 PCI-E 3.0 x8 AOC slot
- 1 M.2 connector



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