

# 1U Rack Mount Server Rackmount

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



(full size images available on web site)

## Riser Included

### Type:

- 1U Rack Mount Server
- Depth: 19.80", 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 x16
  - 1 - PCIe x8
  - 1 - PCIe x4
- **LAN:** 2x Ports (1GbE (10/100/1000))
- **RAID:** 0,1,5,10
- **Video:** VGA
- **Audio:** No Onboard Audio
- **Ports:**
  - 6x USB 2.0 Ports ( 2 Rear, 4 Internal Headers )
  - 4x USB 3.2 Gen 1 Ports ( 2 Front, 2 Rear )
  - 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:** G4400 - 3.3GHz Intel Pentium Dual Core - 3MB Cache, HD Graphics 510 (54W) (ERM) or Better
- **Memory:** 4GB DDR4 2400MHz ECC Unbuffered RAM
- **Hard Drive:** 250GB NVMe SSD M.2 2.9GB/1.3GB - Samsung 980

- **Power Supply:** 350W AC power supply w/ PFC 80+ Platinum
- **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: VGA

#### 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): 8
- RAID
- RAID Type: Software RAID
- RAID Levels Supported on Motherboard: 0, 1, 5, 10

#### Expansion Slots

- PCI Express x16 Slots On Motherboard: 1
- PCI Express x8 Slots On Motherboard: 1

### Chassis Specifications:

#### General

- Form Factor: 1U Rackmount
- Color: Black & Silver
- Material: Steel & Plastic
- Material Thickness: 1mm
- Slide Rails: Optional

#### Expansion

- Full Height Slots: 1
- Max Card Depth: 8 Inches"
- 2.5" Hot Swap Bays: 10
- 3.5" Hot Swap Bays: 4

#### Front Ports

- USB 3.2 Ports (Front): 2

#### Cooling System

- Maximum Fan Count: 4
- Included Fans: 4

#### Physical

- Depth: 19.80"
- Depth (Inches): 19.8
- Width: 17.20"
- Height: 1.70"
- Shipping Box - Depth: 29.50"
- Shipping Box - Width: 24"
- Shipping Box - Height: 8.50"
- Shipping Weight: 31lbs

#### Power

- Built-in Chassis Power Supply: 350W AC power supply w/ PFC 80+ Platinum

- PCI Express x4 Slots On Motherboard: 1

### **M.2 Slot Specs**

- Total M.2 NVMe SSD Slots: 1
- M.2 Slot #1 Specs
- 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): 4
- USB 3.2 Gen 1 Ports (on Headers): 2
- Serial (via Headers): 1
- FAN Connectors: 5
- Chassis Intrusion

### **Management Features**

- TPM Support: Via 2.0 Header

### **Environmental**

- Operating Temperature: 10°C to 35°C (50°F to 95°F )
- High Humidity: 90%
- Low Humidity: 10%

### **Operating System Support**

- Windows 7 Ultimate (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 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
- Windows Server 2019 Std
- 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 (in x16) AOC slot
- 1 M.2 connector



[www.superlogics.com](http://www.superlogics.com)  
Phone: 1-508-650-9500

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