

## 4U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG  
SL-4U-LLQ470M-HA



### Type:

- 4U Rack Mount Industrial PC
- Depth: 17.70", Max Card Depth: 12.28", Locking Front Bezel

### Motherboard:

- Featuring Intel Q470E Chipset and 10th Gen Core i7/i5/i3 (LGA1200) processor
- **Long Production Cycle Motherboard (Through Q2 2030)**
- **Full Height Slots:**
  - 1 - PCIe x16
  - 1 - PCIe x8
  - 2 - PCIe x4
- **LAN:** 2x Ports (1GbE + 1GbE)
- **RAID:** 0,1,5,10
- **Video:** 1x HDMI, 1x DisplayPort, 1x VGA, 1x DVI-D
- **Audio:** 7.1 Channel HD Audio by Realtek ALC888S
- **Ports:**
  - 6x USB 2.0 Ports ( 2 Front, 2 Rear, 2 Internal Headers )
  - 2x USB 3.2 Gen 2 Ports ( 2 Rear )
  - 3x USB 3.2 Gen 2 Type-C Ports ( 2 Rear, 1 Internal Headers )
  - 4x COM Ports (RS232 Internal Headers)

See specifications for more ports
- **Operating Temperature:** 0°C to 0°C (32°F to 0°F)

### Configuration summary:

- **Processor:** G5905- 3.50GHz Intel Celeron CPU - Dual Core, 4MB Cache, UHD Graphics 610 (58W)
- **Memory:** 8GB DDR4 3200MHz RAM

- **Hard Drive:** 250GB NVMe SSD M.2 2.9GB/1.3GB - Samsung 980
- **Power Supply:** 400W Power Supply
- **Operating System:** Not Included -
- **Warranty:** One-Year Depot Warranty

## Technical Specifications

### MotherBoard Specifications:

#### Motherboard Model

- Motherboard Type: MicroATX
- Long Production Cycle
- Long Life: YES
- EOL Date: Q2 2030

#### Supported CPU

- Number of Processors: 1
- Processor Type: 10th Gen Core i7/i5/i3 (LGA1200)

#### Chipset

- Chipset: Intel Q470E Chipset

#### Memory

- Memory Type: DDR4 2666MHz
- Memory Type: Non-ECC
- DIMMS: 4
- Maximum Memory: 128GB

#### On Board Audio

- Audio Type: 7.1 Channel HD Audio by Realtek ALC888S

#### On Board Video

- Video Chipset: Supported by CPU - depends on CPU selected
- Video on IO: 1x HDMI, 1x DisplayPort, 1x VGA, 1x DVI-D
- VGA Port Out: 1
- DVI-D Out: 1
- Display Port Out: 1
- HDMI Out: 1

#### LAN

- LAN Ports: 2
- LAN Type: 1GbE + 1GbE
- LAN Chipset: Intel i210AT
- Second LAN Chipset: Intel i219LM
- Wireless LAN: No Integrated WLAN

### Chassis Specifications:

#### General

- Form Factor: 4U Rackmount
- Color: Black
- Material: Metal/Steel
- Material Thickness: 1mm
- Motherboard Compatibility: ATX
- Redundant Power Supply Capable
- Slide Rails: Optional

#### Expansion

- Full Height Slots: 7
- Max Card Depth: 12.28"
- External 5.25" Bays: 3
- Internal 3.5" Bays: 2
- External 3.5" Bays: 1

#### Front Ports

- USB 2.0 Ports (Front): 2

#### Cooling System

- Maximum Fan Count: 2
- Included Fans: 1

#### Physical

- Depth: 17.70"
- Depth (Inches): 17.7
- Width: 19"
- Height: 7"
- Shipping Box - Depth: 26"
- Shipping Box - Width: 23"
- Shipping Box - Height: 12"
- Shipping Weight: 45lbs

#### Other Features

- Chassis Warranty: 1 Year

### **Drive Interface**

- SATA III Ports (6GB): 6
- 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
- PCI Express x4 Slots On Motherboard: 2

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

- Total M.2 NVMe SSD Slots: 1
- M.2 Slot #1 Specs
- PCIe Signal
- 2242 - 22 mm x 42 mm.
- 2280 - 22 mm x 80 mm.

### **Rear IO**

- PS/2 Combo (Mouse/Keyboard)
- USB 2.0 Ports (on IO): 2
- USB 3.2 Gen 2 Type A Ports (on IO): 2
- USB 3.2 Gen 2 Type C Ports (on I/O): 2
- SPDIF Connector: 1
- Audio on IO

### **Headers**

- USB 2.0 Ports (on Headers): 4
- USB 3.2 Gen 2 Type-C (on Headers): 1
- Serial (via Headers): 4
- FAN Connectors: 4
- Audio on Headers
- TPM Support: Via 2.0 Header

### **Management Features**

- AMT
- vPRO
- Watch Dog

### **Environmental**

- Operating Temperature: 0°C to 0°C (32°F to 0°F )

### **Operating System Support**

- Windows 10 Home (64 Bit)
- Windows 10 Pro (64-Bit)
- Windows 10 Pro WS (64-Bit)
- SL-Windows 11PRO to 10PRO 64bit
- Windows 10 IoT Value 2019 LTSC
- Windows 10 IoT Ent 2019 LTSC
- Windows 10 IoT 2021 LTSC Value
- Windows 10 IoT 2021 LTSC High End
- Windows 11 Home (64 Bit)

- Windows 11 Pro (64 Bit)
- Windows 11 Pro for WS (64 Bit)
- Windows 11 IoT 2024 LTSC Value
- Windows 11 IoT 2024 LTSC High End
- RED HAT Enterprise LINUX WORKSTATION STANDARD
- RED HAT Enterprise LINUX SERVER BASIC
- RED HAT Enterprise LINUX SERVER STANDARD
- LINUX Ubuntu Desktop
- Ubuntu Server Edition

#### **Compliance of Component**

- CE
- FCC

#### **Other Features**

- Features:

PCI-E

- 1 PCI-E 3.0 x16 (in x16 slot),
- 1 PCI-E 3.0 x8,
- 2 PCI-E 3.0 x4

M.2

- M.2 Interface: 1 PCI-E 3.0 x4, RAID 0 & 1
- Form Factor: 2242/2280
- Key: M-Key

\* 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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