

# 4U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG

SL-4U-LLQ370J-WBD





# TPM Support: 2.0 Module Included

# Type:

- 4U Rack Mount Industrial PC
- Depth: 17.50", Max Card Depth: 12.28 inches", Locking Front Bezel

# Motherboard:

- Featuring Intel Q370 Chipset and 8th and 9th Gen Core i7/i5/i3 (LGA1151) processor
- Long Production Cycle Motherboard (Through Q2 2033)
- Full Height Slots:
  - 2 PCle x16
  - 1 PCle x4
  - 1 PCle x1
  - 2 PCI
- LAN: 2x Ports (1GbE + 1GbE)
- **RAID:** 0,1,5,10
- Video: 1x VGA, 1x HDMI, 1x DVI-I, 1x DisplayPort
- Audio: Realtek ALC662 HD Audio
- Ports:

4x USB 2.0 Ports ( 4 Internal Headers )
4x USB 3.2 Gen 1 Ports ( 2 Front, 2 Rear )
4x USB 3.2 Gen 2 Ports ( 4 Rear )
10x COM Ports (8 RS232 Internal
Headers, 1 RS232/422/485 Rear, 1
RS232/422/485 Internal Headers)
See specifications for more ports

• Operating Temperature: 0°C to 60°C (32°F to 140°F)

# Configuration summary:

• Processor: G4900 - 3.1GHz Intel Celeron

CPU - Dual Core, 2MB Cache, UHD Graphics 610 (54W) (ERM) - or Better

• Memory: 8GB DDR4 3200MHz RAM

 Hard Drive: 500GB M.2 2280 NVMe SSD or greater 5,000/3,000MB/s

 Power Supply: 550W Fully Modular ATX Power Supply - 80+ Bronze

Operating System: Not Included -Warranty: One-Year Depot Warranty

# **Technical Specifications**

# MotherBoard Specifications:

#### **Motherboard Model**

Motherboard Type: ATXLong Production Cycle

Long Life: YESEOL Date: Q2 2033

## **Supported CPU**

• Number of Processors: 1

 Processor Type: 8th and 9th Gen Core i7/i5/i3 (LGA1151)

#### Chipset

• Chipset: Intel Q370 Chipset

#### Memory

• Memory Type: DDR4 2666MHz

• Memory Type: Non-ECC

• DIMMS: 4

Maximum Memory: 128GB

#### **On Board Audio**

• Audio Type: Realtek ALC662 HD Audio

## On Board Video

 Video Chipset: Supported by CPU - depends on CPU selected

 Video on IO: 1x VGA, 1x HDMI, 1x DVI-I, 1x DisplayPort

VGA Port Out: 1DVI-D Out: 1

• Display Port Out: 1

• HDMI Out: 1

#### LAN

• LAN Ports: 2

# Chassis Specifications:

#### General

Form Factor: 4U RackmountFront Changeable Air Filter

Color: Black & SilverMaterial: Metal/Steel

Material Thickness: 1.20mm
 Motherboard Compatibility: ATX
 Redundant Power Supply Capable

• Slide Rails: Optional

# **Expansion**

• Full Height Slots: 7

Max Card Depth: 12.28 inches"

External 5.25" Bays: 3
Internal 3.5" Bays: 4
External 3.5" Bays: 2
Serial Port Punchouts: 2

## **Front Ports**

• USB 3.2 Ports (Front): 2

## **Cooling System**

Maximum Fan Count: 3

• Included Fans: 1

#### **Physical**

• Depth: 17.50"

• Depth (Inches): 17.5

Width: 16.90"Height: 7"

Shipping Box - Depth: 23"

• Shipping Box - Width: 22"

• Shipping Box - Height: 12"

• Shipping Weight: 28lbs

• LAN Type: 1GbE + 1GbE

• LAN Chipset: Intel i211AT

• Second LAN Chipset: Intel i219LM

• Wireless LAN: No Integrated WLAN

#### **Drive Interface**

• SATA III Ports (6GB): 5

• RAID

• RAID Type: Software RAID

• RAID Levels Supported on Motherboard: 0, 1, 5,

10

## **Expansion Slots**

• PCI Express x16 Slots On Motherboard: 2

• PCI Express x4 Slots On Motherboard: 1

• PCI Express x1 Slots On Motherboard: 1

• PCI Slots (Conventional 32-Bit): 2

## M.2 Slot Specs

• Total M.2 NVMe SSD Slots: 1

• M.2 Slot #1 Specs

• M.2 SATA SSD

• PCle Signal

• 22110 - 22 mm x 110 mm.

• 2242 - 22 mm x 42 mm.

• 2260 - 22 mm x 60 mm.

• 2280 - 22 mm x 80 mm.

## Rear IO

• USB 3.2 Gen 1 Type A Ports (on IO): 2

• USB 3.2 Gen 2 Type A Ports (on IO): 4

• Serial 232/422/485 Ports: 1

• Audio on IO

# **Headers**

• USB 2.0 Ports (on Headers): 4

• USB 3.2 Gen 1 Ports (on Headers): 2

• Serial (via Headers): 8

• Serial 232/422/485 Ports: 1

• SPDIF Connector: 1

• FAN Connectors: 3

• Audio on Headers

• TPM Support: 2.0 Module Included

#### **Management Features**

AMT

• Watch Dog

## **Environmental**

 Operating Temperature: 0°C to 60°C (32°F to 140°F)

• High Humidity: 95%

• Low Humidity: 10%

# **Compliance of Component**

RoHS

#### **Other Features**

• Chassis Warranty: 1 Year

#### **Power**

• Remote Server Management:

# **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
- LINUX Ubuntu Desktop
- Ubuntu Server Edition

#### **Compliance of Component**

- CE
- RoHS
- FCC

#### **Other Features**

• Features:

4 x 288-pin UDIMM Unbuffered Dual Channel DDR4-2666 up to 128GB Total

\* Core i3, Pentium, and Celeron can only support DDR4-2400 up to 64GB Total

1x PCI-E 3.0 x16 Slot (by 16-lane)

1x PCI-E 3.0 x16 Slot (by 8-lane)

1x PCI-E x4 Slot

1x PCI-E x1 Slot

\* 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

