

## 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 - PCIe x16
  - 1 - PCIe x4
  - 1 - PCIe x1
  - 2 - PCI
- **LAN:** 2x Ports (1GbE + 1GbE)
- **RAID:** 0,1,5,10
- **Video:** VGA + HDMI + DVI-I + 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:** 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: ATX
- Long Production Cycle
- Long Life: YES
- EOL 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: VGA + HDMI + DVI-I + DisplayPort
- 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 i211AT

### Chassis Specifications:

#### General

- Form Factor: 4U Rackmount
- Front Changeable Air Filter
- Color: Black & Silver
- Material: 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

- 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
- PCIe 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%

#### **Operating System Support**

- Windows 10 Home (64 Bit)

#### **Compliance of Component**

- RoHS

#### **Other Features**

- Chassis Warranty: 1 Year

- 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



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