

## 1U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG  
SL-1U-AH370M-LG



### Chassis Supports 1x 3.5" HDD or 2x 2.5" HDD/SSD

#### Type:

1U Rack Mount Industrial PC  
Depth: 14", Max Card Depth: 12.28"

#### Motherboard:

Featuring Intel H370 Chipset and 8th and 9th Gen Core i7/i5/i3 (LGA1151) processor

**LAN:** 1x GB (10/100/1000)

**RAID:** 0,1

**Video:** VGA + DVI-D + HDMI

**Audio:** 7.1+2 Channel HD Audio by Realtek ALC892

#### Ports:

4x USB 2.0 Ports ( 2 Front, 2 Rear )

7x USB 3.1 Ports ( 3 Rear , 4 via internal headers )

1x COM Port (Headers)

See specifications for more ports

**Operating Temperature:** 0°C to 50°C (32°F to 122°F)

#### Also Included:

**Processor:** G4900 - 3.1GHz Intel Celeron CPU - Dual Core , 2MB Cache, UHD Graphics 610 (54W) - or Better [Upgradeable]

**Memory:** 4GB DDR4 2400MHz RAM [Upgradeable]

**Hard Drive:** 1.0TB SATA 6.0Gb/s 7200RPM 64MB 3.5" - WD Blue [Upgradeable]

**Operating System:** Not Included -

**Warranty:** One-Year Depot Warranty [Upgradeable]

# Technical Specifications

## MotherBoard Specifications:

### Motherboard Model

- Motherboard Type: MicroATX

### Supported CPU

- Number of Processors: 1
- Processor Type: 8th and 9th Gen Core i7/i5/i3 (LGA1151)

### Chipset

- Chipset: Intel H370 Chipset

### Memory

- Memory Type: DDR4 2666MHz
- Memory Type: Non-ECC
- DIMMS: 4
- Maximum Memory: 64GB

### On Board Audio

- Audio Type: 7.1+2 Channel HD Audio by Realtek ALC892

### On Board Video

- Video Chipset: Supported by CPU - depends on CPU selected
- Video on IO: VGA + DVI-D + HDMI
- VGA Port Out: 1
- DVI-D Out: 1
- HDMI Out: 1

### LAN

- LAN Ports: 1
- LAN Type: GB (10/100/1000)
- LAN Chipset: Intel i219V
- Wireless LAN: No Integrated WLAN

### Drive Interface

- SATA III Ports (6GB): 6
- RAID
- RAID Type: Software RAID
- RAID Levels Supported on Motherboard: 0, 1, 5, 10

### mini PCIe

### M.2

- M.2 NVMe: 2
- M.2

## Chassis Specifications:

### General

- Form Factor: 1U Rackmount
- Color: Black & Silver
- Material: Metal/Steel
- Material Thickness: 1mm
- Motherboard Compatibility: ATX
- Slide Rails: Optional

### Expansion

- Full Height Slots: 1
- Max Card Depth: 12.28"
- Internal 3.5" Bays: 1
- Slim CDBay: 1

### Front Ports

- USB 2.0 Port (Front): 2

### Cooling System

- Maximum Fan Count: 1
- Included Fans: 1

### Physical

- Depth: 14"
- Depth (Inches): 14
- Width: 16.80"
- Height: 1.70"
- Shipping Box - Depth: 22"
- Shipping Box - Width: 21"
- Shipping Box - Height: 7"
- Shipping Weight: 20lbs

### Other Features

- Chassis Warranty: 1 Year

### Power

- Built-in Chassis Power Supply: 260W ATX12V Power Supply

- PCIe
- 30mm
- 42mm
- 60mm
- 80mm
- M.2 (2)
- PCIe
- 30mm
- 42mm
- 60mm
- 80mm

#### **Rear IO**

- PS/2 Mouse on IO
- PS/2 Keyboard on IO
- USB 2.0 Ports (on IO): 2
- USB 3.1 Type A Ports (on IO): 2
- USB 3.1 Type C Ports (on I/O): 1
- Audio on IO

#### **Headers**

- USB 2.0 Ports (on Headers): 2
- USB 3.1 Ports (on Headers): 4
- Serial (via Headers): 1
- FAN Connectors: 4
- Audio on Headers
- TPM Support: Via 2.0 Header

#### **Environmental**

- High Humidity: 90%
- Low Humidity: 5%

#### **Operating System Support**

- Windows 10 Home (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
- LINUX Ubuntu Desktop
- Ubuntu Server Edition

#### **Compliance of Component**

- UL
- CE
- RoHS
- FCC

#### **Other Features**

- Other Features:
  - 2 x PCI Express 3.0 x16 Slots (PCIE1/PCIE4:  
single at x16 (PCIE1); dual at x16 (PCIE1) / x4

(PCIe4))\*

- 2 x PCI Express 3.0 x1 Slots (Flexible PCIe)
- Supports AMD Quad CrossFireX™ and CrossFireX™
- 1 x M.2 Socket (Key E), supports type 2230

WiFi/BT module and Intel® CNVi (Integrated WiFi/BT)

\*If PCIe2 is occupied,  
PCIe4 will downgrade to  
x2 mode.  
Supports NVMe SSD as  
boot disks

\* 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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