

# 1U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG  
SL-1U-LLH410J-GC



## Type:

- 1U Rack Mount Industrial PC
- Depth: 11", Max Card Depth: 6.5 inches"

## Motherboard:

- Featuring Intel H410 Chipset and 10th Gen Intel Core i7, i5, i3/Pentium/Celeron processor
- **Long Production Cycle Motherboard (Through Q2 2035)**
- **LAN:** 2x Ports (1GbE + 1GbE)
- **Video:** DisplayPort + HDMI
- **Audio:** 7.1 Channel HD Audio by Realtek ALC888S
- **Ports:**
  - 5x USB 2.0 Ports ( 2 Front, 1 Rear, 2 Internal Headers )
  - 3x USB 3.2 Gen 1 Ports ( 3 Rear )
  - 6x COM Ports (3 RS232 Rear, 2 RS232 Internal Headers, 1 RS232/422/485 Rear)
  - See specifications for more ports
- **Operating Temperature:** 0°C to 60°C (32°F to 140°F)

## Configuration summary:

- **Processor:** G5905- 3.50GHz Intel Celeron CPU - Dual Core, 4MB Cache, UHD Graphics 610 (58W)
- **Memory:** 8GB DDR4 2666MHz SODIMM RAM
- **Hard Drive:** 250GB NVMe SSD M.2 2.9GB/1.3GB - Samsung 980
- **Power Supply:** 150W 1U Flex ATX Power Supply
- **Operating System:** Not Included -
- **Warranty:** One-Year Depot Warranty

# Technical Specifications

## MotherBoard Specifications:

### Motherboard Model

- Motherboard Type: MiniITX
- Long Life: YES
- EOL Date: Q2 2035

### Supported CPU

- Number of Processors: 1
- Processor Type: 10th Gen Intel Core i7, i5, i3/Pentium/Celeron

### Chipset

- Chipset: Intel H410 Chipset

### Memory

- Memory Type: SO DIMM DDR4 2666MHz
- Memory Type: Non-ECC
- DIMMS: 2
- Maximum Memory: 64GB

### 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: DisplayPort + HDMI
- Display Port Out: 1
- HDMI Out: 1

### LAN

- LAN Ports: 2
- LAN Type: 1GbE + 1GbE
- LAN Chipset: Intel i219V
- Second LAN Chipset: Intel i211AT
- Wireless LAN: No Integrated WLAN

### Drive Interface

- SATA III Ports (6GB): 2

### M.2 Slot Specs

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

## Chassis Specifications:

### General

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

### Expansion

- Full Height Slots: 1
- Max Card Depth: 6.5 inches"
- Internal 2.5" Bays: 2

### Front Ports

- USB 2.0 Ports (Front): 2

### Cooling System

- Maximum Fan Count: 2
- Included Fans: 2

### Physical

- Depth: 11"
- Depth (Inches): 11
- Width: 19.10"
- Height: 1.75"
- Shipping Box - Depth: 22"
- Shipping Box - Width: 15"
- Shipping Box - Height: 5"
- Shipping Weight: 15lbs

### Other Features

- Chassis Warranty: 1 Year

- 2280 - 22 mm x 80 mm.

#### **Rear IO**

- USB 2.0 Ports (on IO): 1
- USB 3.2 Gen 1 Type A Ports (on IO): 3
- Serial (Rear IO): 3
- Serial 232/422/485 Ports: 1
- Audio on IO

#### **Headers**

- USB 2.0 Ports (on Headers): 4
- Serial (via Headers): 2
- FAN Connectors: 3
- Audio on Headers
- TPM Support: 2.0 Module Included

#### **Environmental**

- Operating Temperature: 0°C to 60°C (32°F to 140°F )
- High Humidity: 90%
- Low Humidity: 10%

#### **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)

#### **Compliance of Component**

- CE
- RoHS
- FCC

#### **Other Features**

- Features:
  - 1x PCI-E 3.0 x16 Slot
  - 1x M.2 M-Key, 2242 2280, PCIe and SATA
- Motherboard Warranty: 1 Year



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