

1U Rack Mount Industrial PC Rackmount

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



Type:

- 1U Rack Mount Industrial PC
- Depth: 10.19"

Motherboard:

- Featuring Intel H410 Chipset and 10th Gen Intel Core i7, i5, i3/Pentium/Celeron, LGA1200 processor
- **Long Production Cycle Motherboard (Through Q2 2035)**
- **Full Height Slots:**
 - 1 - PCIe x16
- **LAN:** 2x Ports (1GbE + 1GbE)
- **Video:** 1x 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 3200MHz SODIMM RAM
- **Removable Drive Bay:** 2 x 2.5" 5mm-9.5mm HDD/SSD in 5.25" Hot Swap Mobile Rack Cage with Fixed 3.5" Drive/Device Bay.

- **Hard Drive:** 500GB M.2 2280 NVMe SSD or greater 5,000/3,000MB/s
- **Power Supply:** 220W Flex ATX Power Supply - 115/230VAC Auto switching
- **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, LGA1200

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

LAN

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

Drive Interface

Chassis Specifications:

General

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

Expansion

- Full Height Slots: 2
- External 5.25" Bays: 1
- Internal 2.5" Bays: 1

Front Ports

- USB 2.0 Ports (Front): 2

Cooling System

- Maximum Fan Count: 2
- Included Fans: 2

Physical

- Depth: 10.19"
- Width: 16.85"
- Height: 1.78"
- Shipping Box - Depth:
- Shipping Box - Width:
- Shipping Box - Height:
- Shipping Weight:

Other Features

- Features:
External 5.25" Bay for upgradable Removable Drive Cage.
- Chassis Warranty: 1 Year

- SATA III Ports (6GB): 2

Expansion Slots

- PCI Express x16 Slots On Motherboard: 1

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.
- 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 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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