

## 4U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG  
SL-4U-LLH610M-HA



(Full size images available on web site)

### Type:

- 4U Rack Mount Industrial PC
- Depth: 17.70", Max Card Depth: 12.28", Locking Front Bezel

### Motherboard:

- Featuring Intel H610 Chipset and 13th & 12th Gen Intel Core™, Pentium Gold and Celeron processor
- **Long Production Cycle Motherboard (Through Q1 2025)**
- **Full Height Slots:**
  - 1 - PCIe x16
  - 2 - PCIe x1
  - 1 - PCI
- **LAN:** 1x Ports (1GbE (10/100/1000))
- **Video:** VGA + DisplayPort + HDMI
- **Audio:** 7.1 HD Audio
- **Ports:**
  - 8x USB 2.0 Ports ( 2 Front, 2 Rear, 4 Internal Headers )
  - 2x USB 3.2 Gen 1 Ports ( 2 Internal Headers )
  - 2x USB 3.2 Gen 2 Ports ( 2 Rear )
  - 2x COM Ports (1 RS232 Rear, 1 RS232 Internal Headers)
  - 1x Parallel Port (Headers)
  - See specifications for more ports
- **Operating Temperature:** 0°C to 40°C (32°F to 104°F)

### Configuration summary:

- **Processor:** G7400- 3.70GHz Intel Pentium Gold CPU - Dual Core, 6MB Cache, UHD Graphics 710 (Base 46W) (ERM)

- **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: MicroATX
- Long Production Cycle
- Long Life: YES
- EOL Date: Q1 2025

#### Supported CPU

- Number of Processors: 1
- Processor Type: 13th & 12th Gen Intel Core™, Pentium Gold and Celeron

#### Chipset

- Chipset: Intel H610 Chipset

#### Memory

- Memory Type: DDR4 3200MHz
- Memory Type: Non-ECC
- DIMMS: 2
- Maximum Memory: 64GB

#### On Board Audio

- Audio Type: 7.1 HD Audio

#### On Board Video

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

#### LAN

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

#### Drive Interface

### Chassis Specifications:

#### General

- Form Factor: 4U Rackmount
- Color: Black
- Material: Metal/Steel
- Material Thickness: 1mm
- Motherboard Compatibility: ATX
- Redundant Power Supply Capable
- Slide Rails: Optional

#### Expansion

- Full Height Slots: 7
- Max Card Depth: 12.28"
- External 5.25" Bays: 3
- Internal 3.5" Bays: 2
- External 3.5" Bays: 1

#### Front Ports

- USB 2.0 Ports (Front): 2

#### Cooling System

- Maximum Fan Count: 2
- Included Fans: 1

#### Physical

- Depth: 17.70"
- Depth (Inches): 17.7
- Width: 19"
- Height: 7"
- Shipping Box - Depth: 26"
- Shipping Box - Width: 23"
- Shipping Box - Height: 12"
- Shipping Weight: 45lbs

#### Other Features

- Chassis Warranty: 1 Year

- SATA III Ports (6GB): 4

#### **Expansion Slots**

- PCI Express x16 Slots On Motherboard: 1
- PCI Express x1 Slots On Motherboard: 2
- PCI Slots (Conventional 32-Bit): 1

#### **M.2 Slot Specs**

- Total M.2 NVMe SSD Slots: 1
- M.2 Slot #1 Specs
- PCIe Signal
- 2242 - 22 mm x 42 mm.
- 2260 - 22 mm x 60 mm.
- 2280 - 22 mm x 80 mm.

#### **Rear IO**

- PS/2 Mouse on IO
- PS/2 Keyboard on IO
- USB 2.0 Ports (on IO): 2
- USB 3.2 Gen 2 Type A Ports (on IO): 2
- Serial (Rear IO): 1

#### **Headers**

- USB 2.0 Ports (on Headers): 6
- USB 3.2 Gen 1 Ports (on Headers): 2
- Serial (via Headers): 1
- Parallel Ports: 1
- FAN Connectors: 2
- Audio on Headers
- Chassis Intrusion
- TPM Support: 2.0 Module Included

#### **Environmental**

- Operating Temperature: 0°C to 40°C (32°F to 104°F )
- High Humidity: 90%
- Low Humidity: 5%

#### **Operating System Support**

- Windows 10 Pro (64-Bit)
- SL-Windows 11PRO to 10PRO 64bit
- 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**

- RoHS

- FCC

### Other Features

- Features:

TPM IC	Intel 1
Onboard	3 <sup>th</sup> &
Expansion	12 <sup>th</sup> G
Slots	en Proce ssors
	1 x PCIe 4.0 x16 slot
	Intel H610 Chips et
	2 x PCIe 3.0 x1 slots
	1 x PCI slot
	* Acc ess to PCI Expre ss slot requir es expan sion slot and a riser in some chassi s model s. Pleas e 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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