

2U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG

SL-2U-LLH610M-GD





Type:

- 2U Rack Mount Industrial PC
- Depth: 15.35", Max Card Depth: 9.00"

Motherboard:

- Featuring Intel H610 Chipset and 13th & 12th Gen Intel Core[™], Pentium Gold and Celeron processor
- Low Profile Slots:
 - 1 PCle x16
 - 2 PCle x1
 - 1 PCI
- LAN: 1x Ports (1GbE (10/100/1000))
- Video: 1x VGA, 1x DisplayPort, 1x 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: 500GB M.2 2280 NVMe SSD or greater 5,000/3,000MB/s

- Power Supply: 400W 400W 80 PLUS Bronze ATX 12V Switching Power Supply w/ Active PFC
- Operating System: Not Included -Warranty: One-Year Depot Warranty

Technical Specifications

MotherBoard Specifications:

Motherboard Model

• Motherboard Type: MicroATX

• Long Production Cycle

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: 1x VGA, 1x DisplayPort, 1x HDMI

VGA Port Out: 1Display 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

• SATA III Ports (6GB): 4

Expansion Slots

PCI Express x16 Slots On Motherboard: 1

Chassis Specifications:

General

• Form Factor: 2U Rackmount

• Color: Black

Material: Metal/SteelMaterial Thickness: 1mm

• Motherboard Compatibility: Micro ATX

• Slide Rails: Optional

Expansion

Low Profile Slots: 4
Max Card Depth: 9.00"
External 5.25" Bays: 1
Internal 3.5" Bays: 3

Front Ports

• USB 2.0 Ports (Front): 2

Cooling System

• Maximum Fan Count: 2

• Included Fans: 1

Physical

• Depth: 15.35"

• Depth (Inches): 15.35

Width: 19"Height: 3.50"

Shipping Box - Depth: 22"
Shipping Box - Width: 21"
Shipping Box - Height: 7"

• Shipping Weight: 25lbs

Other Features

• Chassis Warranty: 1 Year

Power

• Remote Server Management:

- 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^{th} & Expansion $12^{th} G$ Slots en Proce ssors 1 x PCle 4.0 x16 slot Intel H610 Chips et 2 x PCle 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 check Chass is Speci ficatio

sectio n for more infor matio n. If you have any questi ons, pleas discus s with our Sales

> Engin eers

• Motherboard Warranty: 1 Year



www.superlogics.com sales@superlogics.com Phone: 1-508-650-9500

Fax: 1-508-650-9525