

1U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG
SL-1U-JH110M-LA



(Full size images available on web site)

Type:

- 1U Rack Mount Industrial PC
- Depth: 14", Max Card Depth: 8"

Motherboard:

- Featuring Intel H110 Chipset and 7th and 6th Gen Core i7/i5/i3 (LGA1151) processor
- **Long Production Cycle Motherboard (Through Q3 2022)**
- **LAN:** 2x GB (10/100/1000)
- **Video:** VGA + HDMI + DVI-D
- **Audio:** 5.1 channel by Realtek ALC662
- **Ports:**
 - 5x USB 2.0 Ports (2 Rear, 3 via internal headers)
 - 4x USB 3.0 Ports (4 Rear)
 - 10x COM Ports (1 Rear, 8 on Headers, 1 RS232/422/485 Rear)
 - See specifications for more ports
- **Operating Temperature:** 0°C to 60°C (32°F to 140°F)

Also Included:

- **Processor:** Out of Stock - G4400 - 3.3GHz Intel Pentium Dual Core - 3MB Cache, HD Graphics 510 (54W) (ERM) or Better
- **Memory:** 4GB DDR4 2666MHz RAM
- **Hard Drive:** 1.0TB SATA 6.0Gb/s 7200RPM 64MB 3.5" - WD Blue
- **Power Supply:** Built-in 200W 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: Q3 2022

Supported CPU

- Number of Processors: 1
- Processor Type: 7th and 6th Gen Core i7/i5/i3 (LGA1151)

Chipset

- Chipset: Intel H110 Chipset

Memory

- Memory Type: DDR4 2133MHz
- Memory Type: Non-ECC
- DIMMS: 2
- Maximum Memory: 32GB

On Board Audio

- Audio Type: 5.1 channel by Realtek ALC662

On Board Video

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

LAN

- LAN Ports: 2
- LAN Type: GB (10/100/1000)
- LAN Chipset: Realtek RTL8111G
- Second LAN Chipset: Realtek RTL8111G
- Wireless LAN: No Integrated WLAN

Drive Interface

- SATA III Ports (6GB): 3

mini PCIe

- mSATA
- half and/or full size mini PCIe card: full size

M.2

- M.2 NVMe: 1

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: 8"
- Internal 3.5" Bays: 2

Cooling System

- Maximum Fan Count: 1
- Included Fans: 1

Physical

- Depth: 14"
- Depth (Inches): 14
- Width: 16.80"
- Height: 1.75"
- Shipping Box - Depth: 22"
- Shipping Box - Width: 21"
- Shipping Box - Height: 7"
- Shipping Weight: 13lbs

Other Features

- Chassis Warranty: 1 Year

Power

- Built-in Chassis Power Supply: 200W ATX12V Power Supply

- M.2
- SATA
- 110mm
- 42mm
- 60mm
- 80mm

Rear IO

- USB 2.0 Ports (on IO): 2
- USB 3.0 Ports (on IO): 4
- Serial (Rear IO): 1
- Serial 232/422/485 Ports: 1

Headers

- USB 2.0 Ports (on Headers): 3
- Serial (via Headers): 8
- TPM Support: 1.2 Module Included

Environmental

- Operating Temperature: 0°C to 60°C (32°F to 140°F)
- High Humidity: 90%
- Low Humidity: 5%

Operating System Support

- Windows 7 Ultimate (64-bit)
- Windows 7 Pro (32-bit)
- Windows 7 Pro (64-bit)
- Windows 7 Pro (FES) 32-Bit
- Windows 7 Pro (FES) 64-Bit
- SL-Windows 10PRO to 7PRO 32-bit
- SL-Windows 10PRO to 7PRO 64-bit
- Windows Embedded 7 (32-Bit)
- Windows Embedded 7 (64-Bit)
- Windows 8.1 (64-bit)
- Windows 8.1 Pro (64-bit)
- Windows Embedded 8 (64-bit)
- 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
- RED HAT Enterprise LINUX SERVER STANDARD
- LINUX Ubuntu Desktop
- Ubuntu Server Edition

Compliance of Component

- UL
- CE
- RoHS

- FCC

Other Features

- Other Features:

1x PCI-E 2.0 x16 Slot (by 16-lane)

1x PCI-E 2.0 x1 Slot

1x mini PCI-E Slot (Full-size)

1x M.2 SATA M-key, 2242/2260/2280/22110 (SATA
SSD Only)

2x PCI Slot

* 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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