

1U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG
SL-1U-AH510I-GC



Type:

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

Motherboard:

- Featuring Intel H510 Chipset and 10th/11th Gen Core i7/i5/i3 (LGA1200) processor
- **LAN:** 1x GB (10/100/1000)
- **Video:** DisplayPort + HDMI
- **Audio:** 7.1 CH HD Audio (Realtek ALC897 Audio Codec)
- **Ports:**
4x USB 2.0 Ports (2 Front, 2 Rear)
4x USB 3.1 Ports 2 Rear, 2 via internal headers)
See specifications for more ports
- **Operating Temperature:** 0°C to 50°C (0°F to 122°F)

Also Included:

- **Processor:** G5905- 3.50GHz Intel Celeron CPU - Dual Core, 4MB Cache, UHD Graphics 610 (58W)
- **Memory:** 4GB DDR4 2666MHz RAM
- **Hard Drive:** 250GB SSD SATA 6.0Gb/s, 500/300MB/s read/write (or greater)
- **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

Supported CPU

- Number of Processors: 1
- Processor Type: 10th/11th Gen Core i7/i5/i3 (LGA1200)

Chipset

- Chipset: Intel H510 Chipset

Memory

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

On Board Audio

- Audio Type: 7.1 CH HD Audio (Realtek ALC897 Audio Codec)

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: 1
- LAN Type: GB (10/100/1000)
- LAN Chipset: Intel i219V
- Wireless LAN: Integrated Intel 802.11ac WiFi Module + Bluetooth 4.2 - Removable Under Networking Section

Drive Interface

- SATA III Ports (6GB): 4

mini PCIe

M.2

- M.2 NVMe: 1
- M.2
- SATA
- PCIe
- 80mm

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 Port (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

Rear IO

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

Headers

- USB 2.0 Ports (on Headers): 2
- USB 3.1 Ports Gen 1 (on Headers): 2
- FAN Connectors: 3

Environmental

- Operating Temperature: 0°C to 50°C (0°F to 122°F)
- High Humidity: 95%
- Low Humidity: 5%

Operating System Support

- Windows 10 Home (64 Bit)
- Windows 10 Pro (64-Bit)
- Windows 10 IoT Value 2019 LTSC
- Windows 10 IoT Ent 2019 LTSC
- LINUX Ubuntu Desktop

Compliance of Component

- CE
- FCC

Other Features

- Features:

11th Gen Intel Core™ Processors

- 1 x PCI Express 4.0 x16 Slot*.

Supports PCIe Gen 4 NVMe SSD

10th Gen Intel Core™ Processors

- 1 x PCI Express 3.0 x16 Slot*

Supports PCIe Gen 3 NVMe SSD

* 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

SuperLogics[®]

Simplifying Computing[™]

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

sales@superlogics.com
Fax: 1-508-650-9525