

1U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG
SL-1U-J4105B-GC



No Windows 7 Support, for Windows 7 see SL-1U-LL1900J-GC or similar

Type:

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

Motherboard:

Featuring Intel Celeron SoC and Intel Celeron J4105 Processor (1.5GHz Quad Core, Burst 2.5GHz) TDP 10W

LAN: 1x GB (10/100/1000)

Video: VGA + HDMI

Audio: 8-Channel HD Audio by Realtek ALC887

Ports:

5x USB 2.0 Ports (2 Front, 1 Rear, 2 via internal headers)

5x USB 3.1 Ports (3 Rear , 2 via internal headers)

2x COM Ports (1 Rear, 1 on Headers)

1x Parallel Port (Rear)

See specifications for more ports

Operating Temperature: 0°C to 50°C (32°F to 122°F)

Also Included:

Memory: 4GB DDR4 2400MHz SODIMM RAM
[Upgradeable]

Hard Drive: 250GB SSD SATA 6.0Gb/s,
500/300MB/s read/write (or greater)
[Upgradeable]

Power Supply: 150W 1U Flex ATX Power Supply

Operating System: Not Included -

Warranty: One-Year Depot Warranty
[Upgradeable]

Technical Specifications

MotherBoard Specifications:

Motherboard Model

- Motherboard Type: MiniITX
- Fanless

Supported CPU

- Number of Processors: 1
- Processor Type: Embedded CPUs (ultra-low power, soldered down)
- Embedded CPU: Intel Celeron J4105 Processor (1.5GHz Quad Core, Burst 2.5GHz) TDP 10W

Chipset

- Chipset: Intel Celeron SoC

Memory

- Memory Type: SO DIMM DDR4 2400MHz
- Memory Type: Non-ECC
- DIMMS: 2
- Maximum Memory: 8GB

On Board Audio

- Audio Type: 8-Channel HD Audio by Realtek ALC887

On Board Video

- Video Chipset: Integrated Intel UHD Graphics 600: 12 EUs inside (Up to 750MHz)
- Video on IO: VGA + HDMI
- VGA Port Out: 1
- HDMI Out: 1

LAN

- LAN Ports: 1
- LAN Type: GB (10/100/1000)
- LAN Chipset: Realtek RTL8111H
- Wireless LAN: No Integrated WLAN

Drive Interface

- SATA III Ports (6GB): 2

mini PCIe

Rear IO

- PS/2 Combo (Mouse/Keyboard)
- USB 2.0 Ports (on IO): 1
- USB 3.1 Gen 1 Type A Ports (on IO): 3
- Serial (Rear IO): 1

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

Compliance of Component

- RoHS

Other Features

- Chassis Warranty: 1 Year

- Parallel Ports: 1
- Audio on IO

Headers

- USB 2.0 Ports (on Headers): 4
- USB 3.1 Ports Gen 1 (on Headers): 2
- Serial (via Headers): 1
- FAN Connectors: 2
- Audio on Headers

Environmental

- High Humidity: 90%
- Low Humidity: 5%

Operating System Support

- Windows 10 Home (64 Bit)
- Windows 10 Pro (64-Bit)
- Windows 10 IoT Entry
- Windows 10 IoT Entry 2019 LTSC

Compliance of Component

- UL
- CE
- RoHS
- FCC

Other Features

- Other Features:

Microsoft® Windows® 10 64-bit*

*Supports UEFI mode only

*USB3_1_2 is shared with USB2_3.

1 x PCI Express 2.0 x16 Slot (PCIe1: x2 mode)

* 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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