

2U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG
SL-2U-J4105M-GD



Type:

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

Motherboard:

- Featuring Intel Celeron SoC and Intel Celeron J4105 Processor (1.5GHz Quad Core, Burst 2.5GHz) TDP 10W
- **Low Profile Slots:**
 - 1 - PCIe x16
 - 2 - PCIe x1
- **LAN:** 1x Ports (GB (10/100/1000))
- **Video:** VGA + DVI-D + HDMI
- **Audio:** 8-Channel HD Audio by Realtek ALC887
- **Ports:**
 - 7x USB 2.0 Ports (2 Front, 2 Rear, 3 Internal Headers)
 - 4x USB 3.2 Gen 1 Ports (2 Rear, 2 Internal Headers)
 - 2x COM Ports (RS232 Internal Headers)
 - 1x Parallel Port (Headers)
 - See specifications for more ports
- **Operating Temperature:** 0°C to 50°C (32°F to 122°F)

Configuration summary:

- **Memory:** 4GB DDR4 2666MHz RAM
- **Hard Drive:** 1.0TB SATA 6.0Gb/s 7200RPM 64MB 3.5" - WD Blue
- **Power Supply:** 400W Power Supply
- **Operating System:** Not Included -
- **Warranty:** One-Year Depot Warranty

Technical Specifications

MotherBoard Specifications:

Motherboard Model

- Motherboard Type: MicroATX
- 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: 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 + DVI-D + HDMI
- VGA Port Out: 1
- DVI-D Out: 1
- HDMI Out: 1

LAN

- LAN Ports: 1
- LAN Type: GB (10/100/1000)
- LAN Chipset: Realtek RTL8111E
- Wireless LAN: No Integrated WLAN

Drive Interface

- SATA III Ports (6GB): 2

Expansion Slots

- PCI Express x16 Slots On Motherboard: 1
- PCI Express x1 Slots On Motherboard: 2

M.2 Slot Specs

- M.2 Slot #1 Specs

Chassis Specifications:

General

- Form Factor: 2U Rackmount
- Color: Black
- Material: Metal/Steel
- Material 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: 4

Front Ports

- USB 2.0 Port (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

- PCIe Signal
- 2230 - 22 mm x 30 mm.

Rear IO

- PS/2 Mouse on IO
- PS/2 Keyboard on IO
- 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): 5
- USB 3.2 Gen 1 Ports (on Headers): 2
- Serial (via Headers): 2
- Parallel Ports: 1
- FAN Connectors: 2
- Audio on Headers
- Chassis Intrusion

Environmental

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

- 1 x PCI Express 2.0 x16 Slot (PCIe2: x1 mode)

- 2 x PCI Express 2.0 x1 Slots

- 1 x M.2 Socket (Key E), supports type 2230

Intel® CNVi (Integrated WiFi/BT)*

*M.2 PCI Express module
is not supported

* 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



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

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