

1U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG
SL-1U-J3455B-GC



Only Support Windows 10 and Ubuntu

Type:

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

Motherboard:

- Featuring Intel Celeron SoC and Intel Celeron J3455 Processor (1.5GHz Quad Core, Burst 2.3GHz) Intel HD Graphics 500, TDP 10W
- **LAN:** 1x Ports (GB (10/100/1000))
- **Video:** VGA + HDMI
- **Audio:** 8-Channel HD Audio by Realtek ALC887
- **Ports:**
 - 3x USB 2.0 Ports (2 Front, 1 Rear)
 - 4x USB 3.2 Gen 1 Ports (3 Rear, 1 Internal Headers)
 - 2x COM Ports (1 RS232 Rear, 1 RS232 Internal Headers)
 - 1x Parallel Port (Rear)See specifications for more ports
- **Operating Temperature:** 0°C to 50°C (32°F to 122°F)

Configuration summary:

- **Memory:** 4GB DDR3L 1600MHz SODIMM RAM 1.35V
- **Hard Drive:** 250GB SSD SATA 6.0Gb/s 560/530MB/s 2.5" - Samsung 870 EVO
- **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
- Fanless

Supported CPU

- Number of Processors: 1
- Processor Type: Embedded CPUs (ultra-low power, soldered down)
- Embedded CPU: Intel Celeron J3455 Processor (1.5GHz Quad Core, Burst 2.3GHz) Intel HD Graphics 500, TDP 10W

Chipset

- Chipset: Intel Celeron SoC

Memory

- Memory Type: SO DIMM DDR3 1600MHz
- Memory Type: Non-ECC
- DIMMS: 2
- Maximum Memory: 16GB

On Board Audio

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

On Board Video

- Video Chipset: Supported by CPU - see Embedded CPU Information
- 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 RTL8111GR
- Wireless LAN: No Integrated WLAN

Drive Interface

- SATA III Ports (6GB): 2

Rear IO

- PS/2 Mouse on IO
- PS/2 Keyboard on IO
- USB 2.0 Ports (on IO): 1
- USB 3.0 Ports (on IO): 3

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

- Serial (Rear IO): 1
- Parallel Ports: 1
- Audio on IO

Headers

- USB 2.0 Ports (on Headers): 2
- USB 3.0 Ports (on Headers): 1
- Serial (via Headers): 1
- FAN Connectors: 2
- Audio on Headers
- Chassis Intrusion
- TPM Support: Via 2.0 Header

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

* 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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