

1U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG
SL-1U-J1900B-GC-NF



FANLESS Rackmount!

Type:

1U Rack Mount Industrial PC
Depth: 11", Max Card Depth: 8.5"

Motherboard:

Featuring Intel Celeron SoC and Intel Celeron J1900 Processor (2.0GHz Quad Core, Burst 2.42GHz) TDP 10W

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

Video: VGA + HDMI

Audio: 5.1 channel by Realtek ALC662

Ports:

4x USB 2.0 Ports (2 Front, 3 Rear)

1x USB 3.0 Port (1 Rear)

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 DDR3 1333MHz SODIMM RAM
[Upgradeable]

Hard Drive: 500GB SATA 6Gb/s 7200 RPM 32MB
2.5" WD Black [Upgradeable]

Power Supply: 90w output, 12v input DC-DC
Power Supply - AC Adapter Included
[Upgradeable]

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 J1900 Processor (2.0GHz Quad Core, Burst 2.42GHz) TDP 10W

Chipset

- Chipset: Intel Celeron SoC

Memory

- Memory Type: SO DIMM DDR3 1333MHz
- Memory Type: Non-ECC
- DIMMS: 2
- Maximum Memory: 16GB

On Board Audio

- Audio Type: 5.1 channel by Realtek ALC662

On Board Video

- Video Chipset: Intel 7th generation (Gen 7) Graphics
- 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 RTL8111G
- Wireless LAN: No Integrated WLAN

Drive Interface

- SATA II Ports (3GB): 2

mini PCIe

Rear IO

- PS/2 Mouse on IO
- PS/2 Keyboard on IO
- USB 2.0 Ports (on IO): 3
- USB 3.0 Ports (on IO): 1
- Serial (Rear IO): 1
- Parallel Ports: 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: 8.5"
- Internal 2.5" Bays: 2

Front Ports

- USB 2.0 Port (Front): 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

Power

- Built-in Chassis Power Supply: 60W AC/DC Power Adapter Included

- Audio on IO

Headers

- USB 2.0 Ports (on Headers): 1
- Serial (via Headers): 1
- FAN Connectors: 2
- Audio on Headers
- Chassis Intrusion
- TPM Support: Via 1.2 Header

Environmental

- 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 (32-bit)
- Windows 8.1 (64-bit)
- Windows 8.1 Pro (32-bit)
- Windows 8.1 Pro (64-bit)
- Windows Embedded 8 (32-bit)
- Windows Embedded 8 (64-bit)
- Windows 10 Home (64 Bit)
- Windows 10 Pro (64-Bit)
- Windows 10 IoT Ent-Entry
- LINUX Ubuntu Desktop

Compliance of Component

- CE
- FCC

Other Features

- Other Features:
1 x PCI Express 2.0 x1 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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www.superlogics.com
Phone: 1-508-650-9500

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