

1U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG
SL-1U-LL1900J-GC-NF



(Full size images available on web site)

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
- **Long Production Cycle Motherboard (Through Q2 2023)**
- **LAN:** 1x GB (10/100/1000)
- **Video:** VGA
- **Audio:** Realtek ALC662 HD Audio
- **Ports:**
 - 9x USB 2.0 Ports (2 Front, 5 Rear, 2 via internal headers)
 - 1x USB 3.0 Port (1 Rear)
 - 6x COM Ports (Headers)
 - 1x Parallel Port (Headers)See specifications for more ports
- **Operating Temperature:** 0°C to 60°C (32°F to 140°F)

Also Included:

- **Memory:** 4GB DDR3 1600MHz SODIMM RAM 1.35V
- **Hard Drive:** 250GB SSD SATA 6.0Gb/s, 500/300MB/s read/write (or greater)
- **Power Supply:** 60W AC/DC Power Adapter Included
- **Operating System:** Not Included -
- **Warranty:** One-Year Depot Warranty

Technical Specifications

MotherBoard Specifications:

Motherboard Model

- Motherboard Type: MiniITX
- Fanless
- Long Production Cycle
- Long Life: YES
- EOL Date: Q2 2023

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: DDR3 1333MHz
- Memory Type: Non-ECC
- DIMMS: 1
- Maximum Memory: 8GB

On Board Audio

- Audio Type: Realtek ALC662 HD Audio

On Board Video

- Video Chipset: Supported by CPU - see Embedded CPU Information
- Video on IO: VGA
- VGA Port Out: 1

LAN

- LAN Ports: 1
- LAN Type: GB (10/100/1000)
- LAN Chipset: Realtek RTL8111G
- Wireless LAN: No Integrated WLAN

Drive Interface

- SATA III Ports (6GB): 1

mini PCIe

- USB and PCIe signals
- half and/or full size mini PCIe card: full size
- SIM Card Slot On Motherboard: SIM

M.2

- M.2

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

Other Features

- Chassis Warranty: 1 Year

Power

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

- SATA
- 42mm
- 60mm

Rear IO

- USB 2.0 Ports (on IO): 5
- USB 3.0 Ports (on IO): 1
- Audio on IO

Headers

- USB 2.0 Ports (on Headers): 4
- Serial (via Headers): 6
- Parallel Ports: 1
- FAN Connectors: 1

Management Features

- Watch Dog

Environmental

- Operating Temperature: 0°C to 60°C (32°F to 140°F)
- 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 (32 Bit)
- Windows 10 Home (64 Bit)
- Windows 10 Pro (32 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:
 - M.2 slot supports SATA-Type SSD (2242/2260)
 - Mini-PCIe slot supports WiFi Signal Only.
 - Memory Support Upto DDR3L 1333
- Motherboard Warranty: 1 Year

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