1U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG
SL-1U-MCX-AJ1900I-GC

Type:

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

Motherboard:

- Featuring Intel Celeron SoC and Intel Celeron J1900 Processor (2.0GHz Quad Core, Burst 2.42GHz) TDP 10W
- **LAN:** 3x Ports (GB (10/100/1000))
- **Video:** VGA + HDMI
- **Audio:** No Onboard Audio
- **Ports:**
  1x USB 2.0 Port(1 Rear)
  1x USB 3.2 Gen 1 Port(1 Rear)
  See specifications for more ports
- **Operating Temperature:** 10ºC to 35ºC (50ºF to 95ºF)

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 J1900 Processor (2.0GHz Quad Core, Burst 2.42GHz) 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: No Onboard Audio

On Board Video
- Video Chipset: ASPEED AST2300
- Video on IO: VGA + HDMI
- VGA Port Out: 1
- HDMI Out: 1

LAN
- LAN Ports: 3
- LAN Type: GB (10/100/1000)
- LAN Chipset: Intel i210AT
- Second LAN Chipset: Intel i210AT
- Third LAN Chipset: Realtek RTL8211E (Dedicated IPMI)
- Wireless LAN: No Integrated WLAN

Drive Interface
- SATA II Ports (3GB): 2

Rear IO
- USB 2.0 Ports (on IO): 1
- USB 3.0 Ports (on IO): 1

Headers
- USB 2.0 Ports (Type A): 1
- FAN Connectors: 4
- TPM Support: Via 1.2 Header

Management Features
- IPMI

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

- NMI
- Watch Dog

Environmental
- Operating Temperature: 10ºC to 35ºC (50ºF to 95ºF)
- High Humidity: 90%
- Low Humidity: 5%

Operating System Support
- Windows 10 IoT Entry
- Windows 10 IoT Entry 2019 LTSC
- Windows Server 2012
- Ubuntu Server Edition

Compliance of Component
- UL
- CE
- RoHS
- FCC

Other Features
- Other Features:
  1x 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