

1U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG
SL-1U-H81SLV-GC



Full size images available on web site

Type:

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

Motherboard:

Featuring Intel H81 Chipset and 4th Gen Core i3/i5/i7 (LGA1150, 'Haswell') processor

Long Production Cycle Motherboard (Through Q3 2020)

LAN: 2x GB (10/100/1000)

Video: DVI-I + HDMI + DisplayPort

Audio: 7.1 Channel HD Audio by Realtek ALC888S

Ports:

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

3x USB 3.0 Ports (2 Rear , 1 via internal headers)

4x COM Ports (2 Rear, 1 on Headers, 1 RS232/422/485 on Headers)

See specifications for more ports

Operating Temperature: 0°C to 60°C (32°F to 140°F)

Also Included:

Processor: G1820 - 2.7GHz Intel Dual Core Celeron CPU - 2MB Cache, HD Graphics (53W) (ERM) [Upgradeable]

Memory: 4GB DDR3 1600MHz SODIMM RAM [Upgradeable]

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

Power Supply: 150W 1U Flex ATX Power Supply [Upgradeable]

Operating System: Not Included -

Warranty: One-Year Depot Warranty [Upgradeable]

Technical Specifications

MotherBoard Specifications:

Motherboard Model

- Motherboard Type: MiniITX
- Long Production Cycle
- Long Life: YES
- EOL Date: Q3 2020

Supported CPU

- Number of Processors: 1
- Processor Type: 4th Gen Core i3/i5/i7 (LGA1150, 'Haswell')

Chipset

- Chipset: Intel H81 Chipset

Memory

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

On Board Audio

- Audio Type: 7.1 Channel HD Audio by Realtek ALC888S

On Board Video

- Video Chipset: Intel HD Graphics 4600
- Video on IO: DVI-I + HDMI + DisplayPort
- DVI-I Out: 1
- Display Port Out: 1
- HDMI Out: 1

LAN

- LAN Ports: 2
- LAN Type: GB (10/100/1000)
- LAN Chipset: Intel i210AT
- Second LAN Chipset: Intel i217V
- Wireless LAN: No Integrated WLAN

Drive Interface

- SATA II Ports (3GB): 2
- SATA III Ports (6GB): 2

mini PCIe

- mSATA
- half and/or full size mini PCIe card: full/half size
- mSATA

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

Compliance of Component

- RoHS

Other Features

- Chassis Warranty: 1 Year

- USB and PCIe signals
- 3G Data Support
- mSATA

M.2

- 110mm

Rear IO

- USB 2.0 Ports (on IO): 2
- USB 3.0 Ports (on IO): 2
- Serial (Rear IO): 2
- Audio on IO

Headers

- USB 2.0 Ports (on Headers): 2
- USB 3.0 Ports (on Headers): 1
- USB 2.0 Ports (Type A): 1
- Serial (via Headers): 1
- Serial 232/422/485 Ports: 1
- FAN Connectors: 3
- Audio on Headers
- DOM
- Chassis Intrusion
- TPM Support: Via 2.0 Header

Management Features

- NMI
- Watch Dog

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 Pro WS (64-Bit)
- Windows 10 IoT Value

- Windows 10 IoT Ent
- Windows 10 IoT Value 2019 LTSC
- Windows 10 IoT Ent 2019 LTSC
- LINUX Ubuntu Desktop
- Ubuntu Server Edition

Compliance of Component

- UL
- CE
- RoHS
- FCC

Other Features

- Other Features:
 - PCI-E
 - 1 PCI-E 2.0 x16,
 - Mini-PCIe with mSATA support

* 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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