

4U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG
SL-4U-Q87SLQ-WB



(full size images available on web site)

Type:

4U Rack Mount Industrial PC
Depth: 17.50", Max Card Depth: 12.28 inches",
Locking Front Bezel

Motherboard:

Featuring Intel Q87 Chipset and 4th Gen Core i3/i5/i7 (LGA1150, 'Haswell') processor

Long Production Cycle Motherboard (Through Q3 2020)

Full Height Slots:

- 1 - PCIe x16
- 1 - PCIe x4
- 1 - PCIe x1

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

RAID: 0,1,5,10

Video: HDMI + DisplayPort + VGA + DVI-D

Audio: 7.1 Channel HD Audio by Realtek ALC888S

Ports:

- 8x USB 2.0 Ports (2 Front, 4 Rear, 2 via internal headers)
- 4x USB 3.0 Ports (2 Rear , 2 via internal headers)
- 4x COM Ports (3 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 RAM [Upgradeable]

Hard Drive: 1.0TB SATA 6.0Gb/s 7200RPM

64MB 3.5" - WD Blue [Upgradeable]
Power Supply: 350W Power Supply [Upgradeable]
Operating System: Not Included -
Warranty: One-Year Depot Warranty [Upgradeable]

Technical Specifications

MotherBoard Specifications:

Motherboard Model

- Motherboard Type: MicroATX
- 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 Q87 Chipset

Memory

- Memory Type: DDR3 1600MHz
- Memory Type: Non-ECC
- DIMMS: 4
- Maximum Memory: 32GB

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: HDMI + DisplayPort + VGA + DVI-D
- VGA Port Out: 1
- DVI-D Out: 1
- Display Port Out: 1
- HDMI Out: 1

LAN

- LAN Ports: 2
- LAN Type: GB (10/100/1000)
- LAN Chipset: Intel i217LM
- Second LAN Chipset: Intel i210AT
- Wireless LAN: No Integrated WLAN

Chassis Specifications:

General

- Form Factor: 4U Rackmount
- Locking Bezel: 1
- Front Changeable Air Filter
- Color: Black & Silver
- Material: Metal/Steel
- Material Thickness: 1mm
- Motherboard Compatibility: ATX
- Redundant Power Supply Capable
- Slide Rails: Optional

Expansion

- Full Height Slots: 7
- Max Card Depth: 12.28 inches"
- External 5.25" Bays: 3
- Internal 3.5" Bays: 4
- External 3.5" Bays: 2
- Serial Port Punchouts: 2
- Slim CDBay: 1

Front Ports

- USB 2.0 Port (Front): 2

Cooling System

- Maximum Fan Count: 3
- Included Fans: 1

Physical

- Depth: 17.50"
- Depth (Inches): 17.5
- Width: 16.90"
- Height: 7"
- Shipping Box - Depth: 23"
- Shipping Box - Width: 22"
- Shipping Box - Height: 12"
- Shipping Weight: 28lbs

Drive Interface

- SATA III Ports (6GB): 5
- RAID
- RAID Type: Software RAID
- RAID Levels Supported on Motherboard: 0, 1, 5, 10

Expansion Slots

- PCI Express x16 Slots On Motherboard: 1
- PCI Express x4 Slots On Motherboard: 1
- PCI Express x1 Slots On Motherboard: 1

mini PCIe

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

Rear IO

- PS/2 Combo (Mouse/Keyboard)
- USB 2.0 Ports (on IO): 4
- USB 3.0 Ports (on IO): 2
- Audio on IO

Headers

- USB 2.0 Ports (on Headers): 4
- USB 3.0 Ports (on Headers): 2
- Serial (via Headers): 3
- Serial 232/422/485 Ports: 1
- FAN Connectors: 4
- Audio on Headers
- DOM
- PS/2 Combo (Mouse/Keyboard) on Headers
- Chassis Intrusion
- TPM Support: Via 1.2 Header

Management Features

- AMT
- vPRO
- 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

Compliance of Component

- UL
- CE
- RoHS
- FCC

Other Features

- Chassis Warranty: 1 Year

- 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 Ent-Value
- Windows 10 IoT Ent
- LINUX Ubuntu Desktop

Compliance of Component

- RoHS

Other Features

- Other Features:
 - 1x PCI-E 3.0 x16 (in x16) slot
 - 1x PCI-E 2.0 x4 slot
 - 1x PCI-E 2.0 x1 slot
 - 1x Mini-PCI-E w/ 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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