1U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG
SL-1U-MCX-GC246I-RD

Upgradeable Removable Drive Cage Included in 5.25" Bay

Type:

- 1U Rack Mount Server
- Depth: 10.19"

Motherboard:

- Featuring Intel C246 Chipset and 8th/9th Gen Core i3/Pentium/Celeron/Xeon E-2100 processor
- **LAN:** 2x Ports (GB (10/100/1000))
- **RAID:** 0,1,5,10
- **Video:** VGA + DisplayPort + HDMI
- **Audio:** Realtek ALC887 codec
- **Ports:**
  0x USB 2.0 Port( )
  5x USB 3.2 Gen 1 Ports (4 Rear, 1 Internal Headers)
  1x USB 3.2 Gen 2 Port (1 Rear)
  1x USB 3.2 Gen 2 Type-C Port (1 Rear)
  1x COM Port (RS232 Internal Headers)
  See specifications for more ports
- **Operating Temperature:** -10ºC to 50ºC (14ºF to 122ºF)

Configuration summary:

- **Processor:** G4900 - 3.1GHz Intel Celeron CPU - Dual Core, 2MB Cache, UHD Graphics 610 (54W) (ERM) - or Better
- **Memory:** 4GB DDR4 2666MHz RAM
- **Removable Drive Bay:** 2 x 2.5" 5mm-9.5mm HDD/SSD in 5.25" Hot Swap Mobile Rack Cage with Fixed 3.5" Drive/Device Bay.
- **Hard Drive:** 250GB NVMe SSD M.2

2.9GB/1.3GB - Samsung 980
- **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

Supported CPU
- Number of Processors: 1
- Processor Type: 8th/9th Gen Core i3/Pentium/Celeron/Xeon E-2100

Chipset
- Chipset: Intel C246 Chipset

Memory
- Memory Type: DDR4 2666MHz ECCU
- Memory Type: ECC Unbuffered
- DIMMS: 2
- Maximum Memory: 64GB

On Board Audio
- Audio Type: Realtek ALC887 codec

On Board Video
- Video Chipset: Supported by CPU - depends on CPU selected
- Video on IO: VGA + DisplayPort + HDMI
- VGA Port 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 i219LM
- Wireless LAN: No Integrated WLAN

Drive Interface
- SATA III Ports (6GB): 8
- RAID
- RAID Type: Software RAID

Chassis Specifications:

General
- Form Factor: 1U Rackmount
- Front Changeable Air Filter
- Color: Black
- Material: Metal/Steel
- Material Thickness: 1mm
- Motherboard Compatibility: Mini ITX
- Slide Rails: Optional

Expansion
- Full Height Slots: 2
- External 5.25" Bays: 1
- Internal 2.5" Bays: 1

Front Ports
- USB 2.0 Port (Front): 2

Cooling System
- Maximum Fan Count: 2
- Included Fans: 2

Physical
- Depth: 10.19"
- Width: 16.85"
- Height: 1.78"
- Shipping Box - Depth:
- Shipping Box - Width:
- Shipping Box - Height:
- Shipping Weight:

Other Features
- Features:
  External 5.25" Bay for upgradable Removable Drive Cage.

- Chassis Warranty: 1 Year

- RAID Levels Supported on Motherboard: 0, 1, 5, 10

M.2 Slot Specs
- Total M.2 NVMe SSD Slots: 1
- M.2 Slot #1 Specs
- M.2 SATA SSD
- PCIe Signal
- 2280 - 22 mm x 80 mm.

Rear IO
- USB 3.2 Gen 1 Type A Ports (on IO): 4
- USB 3.2 Gen 2 Type A Ports (on IO): 1
- USB 3.2 Gen 2 Type C Ports (on I/O): 1
- Audio on IO

Headers
- USB 3.2 Gen 1 Ports (on Headers): 1
- Serial (via Headers): 1
- FAN Connectors: 3
- Audio on Headers
- TPM Support: Via 2.0 Header

Management Features
- AMT

Environmental
- Operating Temperature: -10ºC to 50ºC (14ºF to 122ºF)
- High Humidity: 95%
- Low Humidity: 5%

Operating System Support
- Windows 10 Home (64 Bit)
- Windows 10 Pro (64-Bit)
- Windows 10 Pro WS (64-Bit)
- Windows 10 IoT Value 2019 LTSC
- Windows 10 IoT Ent 2019 LTSC
- Windows Server 2019 Std
- LINUX Ubuntu Desktop
- Ubuntu Server Edition

Compliance of Component
- CE
- RoHS
- FCC

Other Features
- Features:

  8x SATA Ports (4 via miniSAS HD connector)

  When M.2 SATA SSD is installed, 1x SATA port will be disable.

  If M.2 NVMe SSD installed, miniSAS HD connector

will be disable (4 SATA ports).

- Motherboard Warranty: 1 Year