

1U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG

SL-1U-C236SAEM-LH







Type:

- 1U Rack Mount Industrial PC
- Depth: 19.80", Max Card Depth: 6.98"

Motherboard:

- Featuring Intel C236 Chipset and Xeon E3-1200v5/v6 (LGA1151, 'Skylake, Kaby Lake') processor
- Long Production Cycle Motherboard (Through Q4 2024)
- **LAN:** 2x Ports (1GbE + 1GbE)
- **RAID:** 0,1,5,10
- Video: 1x DVI-D, 1x HDMI, 2x DisplayPort
- Audio: 7.1 Channel HD Audio by Realtek ALC888S
- Ports:
 - 6x USB 2.0 Ports (2 Front, 2 Rear, 2 Internal Headers)
 - 6x USB 3.2 Gen 1 Ports (2 Rear, 4 Internal Headers)
 - 1x COM Port (RS232 Internal Headers) See specifications for more ports
- Operating Temperature: 0°C to 60°C (32°F to 140°F)

Configuration summary:

- Processor: G4400 3.3GHz Intel
 Pentium Dual Core 3MB Cache, HD
 Graphics 510 (54W) (ERM) or Better
- Memory: 8GB DDR4 2666MHz RAM
- Hard Drive: 500GB M.2 2280 NVMe SSD or greater 5,000/3,000MB/s
- Power Supply: 1U 350W Multi-output power supply Platinum level
- Operating System: Not Included -Warranty: One-Year Depot Warranty

Technical Specifications

MotherBoard Specifications:

Motherboard Model

Motherboard Type: ATXLong Production Cycle

Long Life: YESEOL Date: Q4 2024

Supported CPU

• Number of Processors: 1

 Processor Type: Xeon E3-1200v5/v6 (LGA1151, 'Skylake, Kaby Lake')

Chipset

• Chipset: Intel C236 Chipset

Memory

Memory Type: DDR4 2133MHz ECCMemory Type: ECC Unbuffered

• DIMMS: 4

• Maximum Memory: 64GB

On Board Audio

 Audio Type: 7.1 Channel HD Audio by Realtek ALC888S

On Board Video

 Video Chipset: Supported by CPU - depends on CPU selected

• Video on IO: 1x DVI-D, 1x HDMI, 2x DisplayPort

DVI-D Out: 1Display Port Out: 1HDMI Out: 1

LAN

• LAN Ports: 2

LAN Type: 1GbE + 1GbELAN Chipset: Intel i210AT

Second LAN Chipset: Intel i219LMWireless LAN: No Integrated WLAN

Drive Interface

• SATA III Ports (6GB): 8

RAID

• RAID Type: Software RAID

• RAID Levels Supported on Motherboard: 0, 1, 5,

Chassis Specifications:

General

• Form Factor: 1U Rackmount

Color: Black & SilverMaterial: Metal/SteelMaterial Thickness: 1mm

Motherboard Compatibility: ATX

• Slide Rails: Included

Expansion

Full Height Slots: 1Max Card Depth: 6.98"3.5" Hot Swap Bays: 4

Front Ports

• USB 2.0 Ports (Front): 2

Cooling System

• Maximum Fan Count: 4

• Included Fans: 4

Physical

• Depth: 19.80"

• Depth (Inches): 19.8

Width: 17.20"Height: 1.70"

Shipping Box - Depth: 29.70"
Shipping Box - Width: 23.40"
Shipping Box - Height: 8.50"
Shipping Weight: 35lbs

Compliance of Component

• UL

CE

FCC

CCC

Other Features

• Chassis Warranty: 1 Year

Power

 Built-in Chassis Power Supply: 1U 350W Multioutput power supply Platinum level

M.2 Slot Specs

- Total M.2 NVMe SSD Slots: 1
- M.2 Slot #1 Specs
- PCIe Signal
- 2242 22 mm x 42 mm.
- 2260 22 mm x 60 mm.
- 2280 22 mm x 80 mm.

Rear IO

- USB 2.0 Ports (on IO): 2
- USB 3.2 Gen 1 Type A Ports (on IO): 2

Headers

- USB 2.0 Ports (on Headers): 4
- USB 3.2 Gen 1 Ports (on Headers): 4
- Serial (via Headers): 1
- FAN Connectors: 5
- Chassis Intrusion
- TPM Support: Via 2.0 Header

Management Features

- vPRO
- 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 (64-bit)
- Windows 7 Pro (FES) 64-Bit
- SL-Windows 10PRO to 7PRO 64-bit
- Windows Embedded 7 (64-Bit)
- Windows 8.1 (64-bit)
- Windows 8.1 Pro (64-bit)
- Windows Embedded 8 (64-bit)
- Windows 10 Home (64 Bit)
- Windows 10 Pro (64-Bit)
- Windows 10 Pro WS (64-Bit)
- SL-Windows 11PRO to 10PRO 64bit
- Windows 10 IoT Value
- Windows 10 IoT Ent
- Windows 10 IoT Value 2019 LTSC
- Windows 10 IoT Ent 2019 LTSC
- Windows 10 IoT 2021 LTSC Value
- Windows 10 IoT 2021 LTSC High End
- Windows Server 2012
- Windows Server 2016 STD
- RED HAT Enterprise LINUX WORKSTATION

STANDARD

- RED HAT Enterprise LINUX SERVER BASIC
- RED HAT Enterprise LINUX SERVER STANDARD
- LINUX Ubuntu Desktop
- Ubuntu Server Edition

Compliance of Component

- UL
- CE
- RoHS
- FCC

Other Features

- Other Features:
 - 1 PCI-E 3.0 x16 Slot
 - 1 PCI-E 3.0 x4 Slot
 - 1 5V PCI 32bit
 - * 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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