

1U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG
SL-1U-AM5-AB650-AR2



Type:

- 1U Rack Mount Industrial PC
- Depth: 15.50"

Motherboard:

- Featuring AMD B650 and AMD EPYC™ 4005/4004 and AMD Ryzen™ 9000/8000/7000 Series Processors processor
- **Full Height Slots:**
 - 1 - PCIe x16
- **LAN:** 2x Ports (1GbE + 1GbE + IPMI)
- **RAID:** AMD SATA 0,1. NVMe 0,1 with RAID Card.
- **Video:** 1x VGA, 1x DisplayPort, 1x HDMI
- **Audio:** No Onboard Audio
- **Ports:**
 - 1x USB 2.0 Port (1 Internal Headers)
 - 5x USB 3.2 Gen 1 Ports (1 Front, 4 Rear)
 - 1x COM Port (RS232 Rear)

See specifications for more ports
- **Operating Temperature:** 10°C to 35°C (50°F to 95°F)

Configuration summary:

- **Processor:** AMD Ryzen 5 7600X - Hexa-core (6 Core, 12 Threads) 4.70 GHz, 5.30 GHz Overclocking Speed, 32 MB L3 Cache - Socket AM5, Radeon Graphics - 105W
- **Memory:** 16GB DDR5 5600MHz RAM Non-ECC Unbuffered DIMM
- **Hard Drive:** 500GB M.2 2280 NVMe SSD or greater 5,000/3,000MB/s
- **Power Supply:** Single PSU 315W 80-PLUS Gold
- **Operating System:** Not Included -

- **Warranty:** One-Year Depot Warranty

Technical Specifications

MotherBoard Specifications:

Motherboard Model

- Motherboard Type: MicroATX

Supported CPU

- Number of Processors: 1
- Processor Type: AMD EPYC™ 4005/4004 and AMD Ryzen™ 9000/8000/7000 Series Processors

Chipset

- Chipset: AMD B650

Memory

- Memory Type: DDR5 4800MHz
- Memory Type: Non-ECC
- DIMMS: 4
- Maximum Memory: 192GB

On Board Audio

- Audio Type: No Onboard Audio

On Board Video

- Video Chipset: ASPEED AST2600 BMC
- Video on IO: 1x VGA, 1x DisplayPort, 1x HDMI
- VGA Port Out: 1
- Display Port Out: 1
- HDMI Out: 1

LAN

- LAN Ports: 2
- LAN Type and IPMI: 1GbE + 1GbE + IPMI
- LAN Chipset: Intel i210
- Second LAN Chipset: Intel i210
- Third LAN Chipset: Dedicated IPMI
- Wireless LAN: No Integrated WLAN

Drive Interface

- SATA III Ports (6GB): 3

Expansion Slots

- PCI Express x16 Slots On Motherboard: 1

M.2 Slot Specs

- Total M.2 NVMe SSD Slots: 2
- M.2 Slot #1 Specs

Chassis Specifications:

General

- Form Factor: 1U Rackmount
- Color: Black & Silver
- Material: Metal/Aluminum
- Material Thickness: 1mm

Expansion

- Full Height Slots: 1
- Internal 3.5" Bays: 1
- 2.5" Hot Swap Bays: 2

Front Ports

- USB 3.2 Ports (Front): 2

Cooling System

- Maximum Fan Count: 3
- Included Fans: 3

Physical

- Depth: 15.50"
- Width: 16.93"
- Height: 1.71"
- Shipping Box - Depth:
- Shipping Box - Width:
- Shipping Box - Height:
- Shipping Weight:

Power

- Built-in Chassis Power Supply: Single PSU 315W 80-PLUS Gold

- 2242 - 22 mm x 42 mm.
- 2280 - 22 mm x 80 mm.
- M.2 Slot #2 Specs
- 2242 - 22 mm x 42 mm.
- 2280 - 22 mm x 80 mm.

Rear IO

- USB 3.2 Gen 1 Type A Ports (on IO): 4
- Serial (Rear IO): 1

Headers

- USB 2.0 Ports (on Headers): 1
- USB 3.2 Gen 1 Ports (on Headers): 1
- FAN Connectors: 7
- Audio on Headers

Management Features

- TPM Support: Via 2.0 Header

Environmental

- Operating Temperature: 10°C to 35°C (50°F to 95°F)
- High Humidity: 90%
- Low Humidity: 20%

Operating System Support

- Windows 10 Pro (64-Bit)
- Windows 10 Pro WS (64-Bit)
- Windows 11 Pro (64 Bit)
- Windows 11 Pro for WS (64 Bit)
- SL-Windows 11PRO to 10PRO 64bit
- LINUX Ubuntu Desktop
- Ubuntu Server Edition
- Windows Server 2022 STD
- Windows Server 2025 STD
- RED HAT Enterprise LINUX SERVER BASIC
- RED HAT Enterprise LINUX WORKSTATION STANDARD
- RED HAT Enterprise LINUX SERVER STANDARD
- VMWare Compatible

Compliance of Component

- CE
- FCC

Warranty of Component

- Motherboard Warranty: 1 Year

Other Features

- Other Features:
Expansion slot

Rear: 1 FHHL PCIe4.0 x16 via RB1UX16_G4

M.2 slots

1 M-key (PCIe5.0 x4), supports 2280/2242 form factor [CPU]

1 M-key (PCIe4.0 x4), supports 2280/2242 form factor [FCH]

IPMI

1 Realtek RTL8211F for dedicated management GLAN



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