

2U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG
SL-2U-AZ890M-GD



(Not all images available on web site)

NVMe RAID is possible with PCIe4-SI-PEX40110 Plug-in Board.

Type:

- 2U Rack Mount Industrial PC
- Depth: 15.35", Max Card Depth: 9.00"

Motherboard:

- Featuring Intel Z890 Chipset and Intel Core™ Ultra Processors (Series 2), LGA1851 processor
- **Low Profile Slots:**
3 - PCIe x16
- **LAN:** 1x Ports (2.5GbE (10/100/1000/2500))
- **WiFi:** Wi-Fi 7 + BT 5.4
- **RAID:** 0,1,5,10 and NVMe 0,1,5
- **Video:** 1x DisplayPort + HDMI
- **Audio:** Realtek Audio CODEC
- **Ports:**
6x USB 2.0 Ports (2 Front, 2 Rear, 2 Internal Headers)
2x USB 3.2 Gen 1 Ports (2 Internal Headers)
1x USB 3.2 Gen 2 Port (1 Rear)
1x USB 3.2 Gen 2 Type-C Port (1 Internal Headers)
1x COM Port (RS232 Internal Headers)
See specifications for more ports
- **Operating Temperature:** 10°C to 35°C (50°F to 95°F)

Configuration summary:

- **Processor:** Intel Core Ultra 5 225 Processor - 10 Cores (6P + 4E), 20MB Cache, 121W (PL2)

- **Memory:** 2 x 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:** 400W ATX Power Supply - Auto-Switching, 80+ Bronze.
- **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: Intel Core™ Ultra Processors (Series 2), LGA1851

Chipset

- Chipset: Intel Z890 Chipset

Memory

- Memory Type: DDR5 4800MHz
- Memory Type: Non-ECC
- DIMMS: 4
- Maximum Memory: 256GB

On Board Audio

- Audio Type: Realtek Audio CODEC

On Board Video

- Video Chipset: Supported by CPU - depends on CPU selected
- Video on IO: 1x DisplayPort + HDMI
- Display Port Out: 1
- HDMI Out: 1

LAN

- LAN Ports: 1
- LAN Type and IPMI: 2.5GbE (10/100/1000/2500)
- LAN Chipset: Realtek 2.5GbE LAN
- Wireless LAN: Wi-Fi 7 + BT 5.4

Drive Interface

- SATA III Ports (6GB): 6
- RAID

Chassis Specifications:

General

- Form Factor: 2U Rackmount
- Color: Black
- Material: Metal/Steel
- Material Thickness: 1mm
- Motherboard Compatibility: Micro ATX
- Slide Rails: Optional

Expansion

- Low Profile Slots: 4
- Max Card Depth: 9.00"
- External 5.25" Bays: 1
- Internal 3.5" Bays: 3

Front Ports

- USB 2.0 Ports (Front): 2

Cooling System

- Maximum Fan Count: 2
- Included Fans: 1

Physical

- Depth: 15.35"
- Depth (Inches): 15.35
- Width: 19"
- Height: 3.50"
- Shipping Box - Depth: 22"
- Shipping Box - Width: 21"
- Shipping Box - Height: 7"
- Shipping Weight: 25lbs

Other Features

- Chassis Warranty: 1 Year

Power

- Remote Server Management:

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

Expansion Slots

- PCI Express x16 Slots On Motherboard: 3

M.2 Slot Specs

- Total M.2 NVMe SSD Slots: 3
- M.2 Slot #1 Specs
 - 2280 - 22 mm x 80 mm.
- M.2 Slot #2 Specs
 - 2280 - 22 mm x 80 mm.
- M.2 Slot #3 Specs
 - 2280 - 22 mm x 80 mm.
- None

Rear IO

- USB 2.0 Ports (on IO): 2
- USB 3.2 Gen 2 Type A Ports (on IO): 1
- USB 3.2 Gen 2x2 Type C Ports (on I/O): 1
- Audio on IO

Headers

- USB 2.0 Ports (on Headers): 4
- USB 3.2 Gen 1 Ports (on Headers): 2
- USB 3.2 Gen 2 Type-C (on Headers): 1
- Serial (via Headers): 1
- SPDIF Connector: 1
- FAN Connectors: 7
- Audio on Headers
- TPM Support: Via 2.0 Header

Environmental

- Operating Temperature: 10°C to 35°C (50°F to 95°F)
- High Humidity: 95%
- Low Humidity: 5%

Operating System Support

- Windows 11 Pro (64 Bit)
- Windows 11 Pro for WS (64 Bit)
- Windows 11 IoT 2024 LTSC High End

Compliance of Component

- CE
- RoHS
- FCC

Other Features

- Features:
Expansion Slots

Intel Core™ Ultra Processors (Series 2)*

1 x PCIe 5.0 x16 slot

Intel Z890 Chipset

1 x PCIe 4.0 x16 slot (supports x4 mode)

2 x PCIe 4.0 x16 slots (support x1 mode)

Storage

Total supports 3 x M.2 slots and 6 x SATA 6Gb/s ports*

Intel Core™ Ultra Processors (Series 2)*

M.2_1 slot (Key M), type 2280 (supports PCIe 5.0 x4 mode)

Intel Z890 Chipset

M.2_2 slot (Key M), type 2280 (supports PCIe 4.0 x4 mode)

M.2_3 slot (Key M), type 2280 (supports PCIe 4.0 x4 mode)

6 x SATA 6Gb/s ports

* Intel Rapid Storage Technology supports PCIe RAID 0/1/5/10, SATA RAID 0/1/5/10, M.2 slot from CPU only supports RAID 0/1/5.

Graphics

1 x DisplayPort**

1 x HDMI™ port***

1 x USB 20Gbps port (USB Type-C) supports DisplayPort video output****

* 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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www.superlogics.com
Phone: 1-508-650-9500

sales@superlogics.com
Fax: 1-508-650-9525