2U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG
SL-2U-AB760M-GD

Type:

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

Motherboard:

- Featuring Intel B760 Chipset and 13th & 12th Gen Intel Core™, Pentium Gold and Celeron, LGA1700 processor
- **Low Profile Slots:**
  1 - PCIe x16
  2 - PCIe x1
- **LAN:** 1x Ports (1GbE (10/100/1000))
- **RAID:** 0,1,5,10
- **Video:** 1x VGA, 2x DisplayPort, 1x HDMI
- **Audio:** Realtek Audio CODEC
- **Ports:**
  6x USB 2.0 Ports (2 Front, 2 Rear, 2 Internal Headers)
  4x USB 3.2 Gen 1 Ports (2 Rear, 2 Internal Headers)
  2x COM Ports (RS232 Internal Headers)
  1x Parallel Port (Headers)
  See specifications for more ports
- **Operating Temperature:** 0ºC to 40ºC (32ºF to 104ºF)

Configuration summary:

- **Processor:** i3-12100 - 3.30GHz (up to 4.30GHz) Intel Core CPU - 4 Core, 12MB Cache, UHD Graphics 730 (Base 60W, Max 89W) (ERM)
- **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:** 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
- Long Production Cycle

Supported CPU
- Number of Processors: 1
- Processor Type: 13th & 12th Gen Intel Core™, Pentium Gold and Celeron, LGA1700

Chipset
- Chipset: Intel B760 Chipset

Memory
- Memory Type: DDR5 4800MHz
- Memory Type: Non-ECC
- DIMMS: 4
- Maximum Memory: 128GB

On Board Audio
- Audio Type: Realtek Audio CODEC

On Board Video
- Video Chipset: None
- Video on IO: 1x VGA, 2x DisplayPort, 1x HDMI
- VGA Port Out: 1
- Display Port Out: 2
- HDMI Out: 1

LAN
- LAN Ports: 1
- LAN Type and IPMI: 1GbE (10/100/1000)
- LAN Chipset: Intel GbE LAN chip
- Wireless LAN: No Integrated WLAN

Drive Interface
- SATA III Ports (6GB): 4
- RAID
- RAID Type: Software RAID
- RAID Levels Supported on Motherboard: 0, 1, 5, 10

Expansion Slots

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:

- PCI Express x16 Slots On Motherboard: 1
- PCI Express x1 Slots On Motherboard: 2

M.2 Slot Specs

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

Rear IO

- PS/2 Mouse on IO
- PS/2 Keyboard on IO
- USB 2.0 Ports (on IO): 2
- USB 3.2 Gen 1 Type A Ports (on IO): 2
- Audio on IO

Headers

- USB 2.0 Ports (on Headers): 4
- USB 3.2 Gen 1 Ports (on Headers): 2
- Serial (via Headers): 2
- Parallel Ports: 1
- FAN Connectors: 2
- Audio on Headers
- Chassis Intrusion

Environmental

- Operating Temperature: 0ºC to 40ºC (32ºF to 104ºF)
- High Humidity: 90%
- Low Humidity: 5%

Operating System Support

- 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 2019 LTSC
- Windows 10 IoT Ent 2019 LTSC
- Windows 10 IoT 2021 LTSC Value
- Windows 10 IoT 2021 LTSC High End
- Windows 11 Pro (64 Bit)
- Windows 11 Pro for WS (64 Bit)
- Windows 11 IoT 2024 LTSC Value
- Windows 11 IoT 2024 LTSC High End
- LINUX Ubuntu Desktop

- Ubuntu Server Edition

Compliance of Component

- CE
- RoHS
- FCC

Other Features

- Features:
  Expansion Slots

  Intel 13th & 12th Gen Processors
  1 x PCIe 4.0/3.0 x16 slot
  Intel B760 Chipset
  2 x PCIe 3.0 x1 slots
  Note: To ensure compatibility of the device installed, please refer to https://www.asus.com/support/ for the list of supported peripherals.

  Storage

  Total supports 2 x M.2 slots and 4 x SATA 6Gb/s ports*

  Intel 13th & 12th Gen Processors
  M.2_1 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 mode)
  Intel B760 Chipset
  M.2_2 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 mode)
  4 x SATA 6Gb/s ports
  * Intel Rapid Storage Technology supports SATA RAID 0/1/5/10.

- Motherboard Warranty: 1 Year