

## 3U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG  
SL-3U-AB760M-GK



### Type:

- 3U Rack Mount Industrial PC
- Depth: 15.35", Max Card Depth: 8.5"

### Motherboard:

- Featuring Intel B760 Chipset and 13th & 12th Gen Intel Core™, Pentium Gold and Celeron processor
- **Long Production Cycle Motherboard (Through Q4 2024)**
- **Full Height Slots:**
  - 1 - PCIe x16
  - 2 - PCIe x1
- **LAN:** 1x Ports (1GbE (10/100/1000))
- **RAID:** 0,1,5,10
- **Video:** VGA + DisplayPort + 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:** 0°C to 40°C (32°F to 104°F)

### Configuration summary:

- **Processor:** G7400- 3.70GHz Intel Pentium Gold CPU - Dual Core, 6MB Cache, UHD Graphics 710 (Base 46W) (ERM)
- **Memory:** 8GB DDR5 4800MHz RAM Non-ECC Unbuffered DIMM
- **Hard Drive:** 250GB NVMe SSD M.2

- 2.9GB/1.3GB - Samsung 980
- **Power Supply:** 400W Power Supply
- **Operating System:** Not Included -
- **Warranty:** One-Year Depot Warranty

## Technical Specifications

### MotherBoard Specifications:

#### **Motherboard Model**

- Motherboard Type: MicroATX
- Long Production Cycle
- Long Life: YES
- EOL Date: Q4 2024

#### **Supported CPU**

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

#### **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: VGA + DisplayPort + HDMI
- VGA Port Out: 1
- Display Port Out: 2
- HDMI Out: 1

#### **LAN**

- LAN Ports: 1
- LAN Type: 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

### Chassis Specifications:

#### **General**

- Form Factor: 3U Rackmount
- Color: Black
- Material: Metal/Aluminum
- Material Thickness: 1mm
- Motherboard Compatibility: Micro ATX
- Slide Rails: Optional

#### **Expansion**

- Full Height Slots: 4
- Max Card Depth: 8.5"
- External 5.25" Bays: 2
- Internal 3.5" Bays: 4
- External 3.5" Bays: 1
- Internal 2.5" Bays: 2

#### **Front Ports**

- USB 2.0 Ports (Front): 2

#### **Cooling System**

- Maximum Fan Count: 4
- Included Fans: 2

#### **Physical**

- Depth: 15.35"
- Depth (Inches): 15.35
- Width: 19.10"
- Height: 5.25"
- Shipping Box - Depth: 22"
- Shipping Box - Width: 21"
- Shipping Box - Height: 9"
- Shipping Weight: 35lbs

#### **Other Features**

- Chassis Warranty: 1 Year

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

### **Expansion Slots**

- 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: 0°C to 40°C (32°F to 104°F )
- 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 Home (64 Bit)
- 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 13<sup>th</sup> & 12<sup>th</sup> 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 13<sup>th</sup> & 12<sup>th</sup> 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



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