

2U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG
SL-2U-i3-AZ370A-BA



(Not all images available on web site)

Type:

- 2U Rack Mount Industrial PC
- Depth: 17.70", Max Card Depth: 9 inches", Locking Front Bezel

Motherboard:

- Featuring Intel Z370 Chipset and 8th and 9th Gen Core i7/i5/i3 (LGA1151) processor
- **LAN:** 1x Ports (1GbE (10/100/1000))
- **RAID:** 0,1,5,10
- **Video:** 1x VGA, 1x DVI-D, 1x HDMI
- **Audio:** 7.1+2 Channel HD Audio by Realtek ALC892
- **Ports:**
 - 5x USB 2.0 Ports (2 Front, 3 Internal Headers)
 - 7x USB 3.2 Gen 1 Ports (5 Rear, 2 Internal Headers)
 - 1x USB 3.2 Gen 1 Type-C Port (Rear)
 - 1x COM Port (RS232 Internal Headers)
- See specifications for more ports
- **Operating Temperature:** 0°C to 50°C (32°F to 122°F)

Configuration summary:

- **Processor:** i3-8100 - 3.6GHz Intel Quad-Core (4 cores) CPU - 6MB Cache, UHD Graphics 630 (65W) (ERM)
- **Memory:** 8GB DDR4 3200MHz RAM
- **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: ATX

Supported CPU

- Number of Processors: 1
- Processor Type: 8th and 9th Gen Core i7/i5/i3 (LGA1151)

Chipset

- Chipset: Intel Z370 Chipset

Memory

- Memory Type: DDR4 2133MHz
- Memory Type: Non-ECC
- DIMMS: 4
- Maximum Memory: 64GB

On Board Audio

- Audio Type: 7.1+2 Channel HD Audio by Realtek ALC892

On Board Video

- Video Chipset: Supported by CPU - depends on CPU selected
- Video on IO: 1x VGA, 1x DVI-D, 1x HDMI
- VGA Port Out: 1
- DVI-D Out: 1
- HDMI Out: 1

LAN

- LAN Ports: 1
- LAN Type: 1GbE (10/100/1000)
- LAN Chipset: Intel i219V
- Wireless LAN: No Integrated WLAN

Drive Interface

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

M.2 Slot Specs

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

Chassis Specifications:

General

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

Expansion

- Full Height Slots: 3
- Max Card Depth: 9 inches"
- External 5.25" Bays: 1
- Internal 3.5" Bays: 2

Front Ports

- USB 2.0 Ports (Front): 2

Cooling System

- Maximum Fan Count: 1
- Included Fans: 1

Physical

- Depth: 17.70"
- Depth (Inches): 17.7
- Width: 19"
- Height: 3.50"
- Shipping Box - Depth: 23"
- Shipping Box - Width: 23"
- Shipping Box - Height: 12"
- Shipping Weight: 27lbs

Compliance of Component

- UL
- CE
- RoHS
- FCC

Other Features

- Chassis Warranty: 1 Year

- PCIe Signal
- 2230 - 22 mm x 30 mm.
- 2242 - 22 mm x 42 mm.
- 2260 - 22 mm x 60 mm.
- 2280 - 22 mm x 80 mm.
- M.2 Slot #2 Specs
- M.2 SATA SSD
- PCIe Signal
- 2230 - 22 mm x 30 mm.
- 2242 - 22 mm x 42 mm.
- 2260 - 22 mm x 60 mm.
- 2280 - 22 mm x 80 mm.

Rear IO

- PS/2 Combo (Mouse/Keyboard)
- USB 3.2 Gen 1 Type A Ports (on IO): 5
- USB 3.2 Gen 1 Type C Ports (on I/O): 1
- Audio on IO

Headers

- USB 2.0 Ports (on Headers): 5
- USB 3.2 Gen 1 Ports (on Headers): 2
- Thunderbolt 3 via Header: 1
- Serial (via Headers): 1
- FAN Connectors: 4
- Audio on Headers
- Chassis Intrusion
- TPM Support: Via 2.0 Header

Environmental

- Operating Temperature: 0°C to 50°C (32°F to 122°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)
- Windows 10 IoT Value
- Windows 10 IoT Ent
- LINUX Ubuntu Desktop
- LINUX Ubuntu Workstation
- Ubuntu Server Edition

Compliance of Component

- UL
- CE
- RoHS
- FCC

Other Features

- Other Features:

2 x PCI Express 3.0 x16 Slots (PCIe2: x16 mode;
PCIe4: x4 mode)*
3 x PCI Express 3.0 x1 Slots (Flexible PCIe)
1 x PCI Slot
Supports AMD Quad CrossFireX™ and
CrossFireX™
1 x M.2 Socket (Key E), supports type 2230
WiFi/BT module

If PCIe5 slot or PCI slot is
occupied, PCIe4 slot will
run at x2 mode.

2 x Ultra M.2 Sockets
(M2_1 and M2_2),
supports M Key type
2230/2242/2260/2280
M.2 SATA3 6.0 Gb/s
module and M.2 PCI
Express module up to
Gen3 x4 (32 Gb/s)**

*If M2_1 is
occupied by
a SATA-type
M.2 device,
SATA_5 will
be disabled.

If M2_2 is
occupied by
a SATA-type
M.2 device,
SATA_0 will
be disabled.

**Supports

Intel® Optan
e™
Technology
Supports
NVMe SSD
as boot
disks
Supports
ASRock U.2
Kit

- Motherboard Warranty: 1 Year



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