2U Rack Mount Industrial PC Rackmount

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

(full size 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:** 0ºC to 50ºC (32ºF to 122ºF)

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:** 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: 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: 0ºC to 50ºC (32ºF to 122ºF)
- 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® Optane™ Technology
Supports NVMe SSD as boot disks
Supports ASRock U.2 Kit

- Motherboard Warranty: 1 Year