

2U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG
SL-2U-AB250M-WF



Full size images available on web site

Type:

2U Rack Mount Industrial PC
Depth: 18", Max Card Depth: 12.25" , Locking Front Bezel

Motherboard:

Featuring Intel B250 Chipset and 7th and 6th Gen Core i7/i5/i3 (LGA1151) processor
LAN: 1x GB (10/100/1000)
Video: VGA + DVI-D + HDMI
Audio: 8-Channel HD Audio by Realtek ALC887
Ports:
4x USB 2.0 Ports (2 Front, 2 Rear)
6x USB 3.0 Ports (4 Rear , 2 via internal headers)
1x COM Port (Headers)
See specifications for more ports
Operating Temperature: 0°C to 50°C (32°F to 122°F)

Also Included:

Processor: G4400 - 3.3GHz Intel Pentium Dual Core - 3MB Cache, HD Graphics 510 (54W) (ERM) or Better [Upgradeable]
Memory: 4GB DDR4 2400MHz RAM [Upgradeable]
Hard Drive: 1.0TB SATA 6.0Gb/s 7200RPM 64MB 3.5" - WD Blue [Upgradeable]
Power Supply: 350W Power Supply [Upgradeable]
Operating System: Not Included -
Warranty: One-Year Depot Warranty [Upgradeable]

Technical Specifications

MotherBoard Specifications:

Motherboard Model

- Motherboard Type: MicroATX

Supported CPU

- Number of Processors: 1
- Processor Type: 7th and 6th Gen Core i7/i5/i3 (LGA1151)

Chipset

- Chipset: Intel B250 Chipset

Memory

- Memory Type: DDR4 2133MHz
- Memory Type: Non-ECC
- DIMMS: 2
- Maximum Memory: 32GB

On Board Audio

- Audio Type: 8-Channel HD Audio by Realtek ALC887

On Board Video

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

LAN

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

Drive Interface

- SATA III Ports (6GB): 6

mini PCIe

M.2

- M.2 NVMe: 1
- M.2
- SATA
- PCIe
- 30mm
- 42mm
- 60mm

Chassis Specifications:

General

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

Expansion

- Full Height Slots: 3
- Max Card Depth: 12.25"
- External 5.25" Bays: 1
- Internal 3.5" Bays: 2
- External 3.5" Bays: 1
- Internal 2.5" Bays: 1

Front Ports

- USB 2.0 Port (Front): 2

Cooling System

- Maximum Fan Count: 3
- Included Fans: 1

Physical

- Depth: 18"
- Depth (Inches): 18
- Width: 16.90"
- Height: 3.50"
- Shipping Box - Depth: 20"
- Shipping Box - Width: 40"
- Shipping Box - Height: 40"
- Shipping Weight: 35lbs

Compliance of Component

- UL
- CE
- RoHS
- FCC

Other Features

- Chassis Warranty: 1 Year

- 80mm

Rear IO

- PS/2 Combo (Mouse/Keyboard)
- USB 2.0 Ports (on IO): 2
- USB 3.0 Ports (on IO): 4
- Audio on IO

Headers

- USB 2.0 Ports (on Headers): 2
- USB 3.0 Ports (on Headers): 2
- Serial (via Headers): 1
- FAN Connectors: 3
- Audio on Headers
- Chassis Intrusion
- TPM Support: Via 2.0 Header

Environmental

- High Humidity: 90%
- Low Humidity: 5%

Operating System Support

- Windows 7 Ultimate (64-bit)
- Windows 7 Pro (32-bit)
- Windows 7 Pro (64-bit)
- Windows 7 Pro (FES) 32-Bit
- Windows 7 Pro (FES) 64-Bit
- SL-Windows 10PRO to 7PRO 32-bit
- SL-Windows 10PRO to 7PRO 64-bit
- Windows Embedded 7 (32-Bit)
- Windows Embedded 7 (64-Bit)
- Windows 8.1 (32-bit)
- Windows 8.1 (64-bit)
- Windows 8.1 Pro (32-bit)
- Windows 8.1 Pro (64-bit)
- Windows Embedded 8 (32-bit)
- Windows Embedded 8 (64-bit)
- Windows 10 Home (64 Bit)
- Windows 10 Pro (64-Bit)
- Windows 10 Pro WS (64-Bit)
- Windows 10 IoT Ent-Value
- Windows 10 IoT Ent
- LINUX Ubuntu Desktop
- Ubuntu Server Edition

Compliance of Component

- UL
- CE
- RoHS
- FCC

Other Features

- Other Features:

1 x PCI Express 3.0 x16 Slot (PCI-E1: x16 mode)*

2 x PCI Express 3.0 x1 Slots (x1 mode Flexible
PCIe)

1 x Ultra M.2 Socket, 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, SATA3_5 will be disabled.

* Access to PCI Express slot requires expansion slot and a riser in some chassis models. Please check Chassis

**Supports ASRock U.2 Kit

Specification section for more information.

Supports Intel® Optane™ Technology
Supports NVMe SSD as boot disks

If you have any questions, please discuss with our Sales Engineers.

- Motherboard Warranty: 1 Year


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