

## 2U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG  
SL-2U-WS-PD-C236SAE-DF



(Full size images available on web site)

### Type:

- 2U Rack Mount Industrial PC
- Depth: 17", Max Card Depth: 9 inches"

### Motherboard:

- Featuring Intel C236 Chipset and Xeon E3-1200v5/v6 (LGA1151, 'Skylake, Kaby Lake') processor
- **Long Production Cycle Motherboard (Through Q4 2024)**
- **Low Profile Slots:**
  - 2 - PCIe x16
  - 3 - PCIe x1
  - 2 - PCI
- **LAN:** 2x Ports (1GbE + 1GbE)
- **RAID:** 0,1 via LSI MegaRAID
- **Video:** DVI-D + HDMI + DisplyPort
- **Audio:** 7.1 Channel HD Audio by Realtek ALC888S
- **Ports:**
  - 8x USB 2.0 Ports ( 2 Rear, 6 Internal Headers )
  - 6x USB 3.2 Gen 1 Ports ( 2 Front, 2 Rear, 2 Internal Headers )
  - 2x USB 3.2 Gen 2 Ports ( 2 Rear )
  - 2x COM Ports (RS232 Internal Headers)
  - See specifications for more ports
- **Operating Temperature:** 0°C to 60°C (32°F to 140°F)

### Configuration summary:

- **Processor:** G4400 - 3.3GHz Intel Pentium Dual Core - 3MB Cache, HD Graphics 510 (54W) (ERM) or Better
- **Memory:** 8GB DDR4 2666MHz RAM
- **Hard Drive:** 250GB NVMe SSD M.2

2.9GB/1.3GB - Samsung 980

- **Power Supply:** 400W Full Range Input 1U Power Supply - Active PFC
- **Operating System:** Not Included -
- **Warranty:** One-Year Depot Warranty

# Technical Specifications

## MotherBoard Specifications:

### Motherboard Model

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

### Supported CPU

- Number of Processors: 1
- Processor Type: Xeon E3-1200v5/v6 (LGA1151, 'Skylake, Kaby Lake')

### Chipset

- Chipset: Intel C236 Chipset

### Memory

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

### On Board Audio

- Audio Type: 7.1 Channel HD Audio by Realtek ALC888S

### On Board Video

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

### LAN

- LAN Ports: 2
- LAN Type: 1GbE + 1GbE
- LAN Chipset: Intel i210AT
- Second LAN Chipset: Intel i219LM
- Wireless LAN: No Integrated WLAN

## Chassis Specifications:

### General

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

### Expansion

- Low Profile Slots: 7
- Max Card Depth: 9 inches"
- External 5.25" Bays: 1
- Internal 3.5" Bays: 3
- External 3.5" Bays: 1

### Front Ports

- USB 3.2 Ports (Front): 2

### Cooling System

- Maximum Fan Count: 3
- Included Fans: 3

### Physical

- Depth: 17"
- Depth (Inches): 17
- Width: 19"
- Height: 3.50"
- Shipping Box - Depth: 24"
- Shipping Box - Width: 23"
- Shipping Box - Height: 8"
- Shipping Weight: 28lbs

### Compliance of Component

- RoHS

### Other Features

- Chassis Warranty: 1 Year

### **Drive Interface**

- SATA III Ports (6GB): 8
- RAID
- RAID Type: Software RAID
- RAID Levels Supported on Motherboard: 0, 1, 5, 10

### **Expansion Slots**

- PCI Express x16 Slots On Motherboard: 2
- PCI Express x1 Slots On Motherboard: 3
- PCI Slots (Conventional 32-Bit): 2

### **M.2 Slot Specs**

- Total M.2 NVMe SSD Slots: 1
- 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.

### **Rear IO**

- USB 2.0 Ports (on IO): 2
- USB 3.2 Gen 1 Type A Ports (on IO): 2
- USB 3.2 Gen 2 Type A Ports (on IO): 2

### **Headers**

- USB 2.0 Ports (on Headers): 6
- USB 3.2 Gen 1 Ports (on Headers): 4
- Serial (via Headers): 2
- FAN Connectors: 5
- Chassis Intrusion
- TPM Support: Via 2.0 Header

### **Management Features**

- vPRO
- Watch Dog

### **Environmental**

- Operating Temperature: 0°C to 60°C (32°F to 140°F )
- 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
- Windows 7 PRO (FES) DGS 32-BIT
- Windows 7 PRO (FES) DGS 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 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
- Windows 10 IoT Ent
- 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 Server 2012
- Windows Server 2016 STD
- Windows Server 2019 Std
- RED HAT Enterprise LINUX SERVER STANDARD
- LINUX Ubuntu Desktop
- Ubuntu Server Edition
- VMWare Compatible

#### **Compliance of Component**

- UL
- CE
- RoHS
- FCC

#### **Other Features**

- Other Features:
  - PCI-E
    - 2 PCI-E 3.0 x16,
    - 3 PCI-E 3.0 x12 - 5V PCI 32bit
    - \*\*\*2 PCIe x16 slots are running at x16/NA or x8/x8 \*\*\*

\* Access to PCI Express slot requires expansion slot and a riser in some chassis models. Please check Chassis Specification section for more information.

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

- Motherboard Warranty: 1 Year



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