

# 1U Rack Mount Industrial PC Rackmount

Configuration Number: BASE CONFIG  
SL-1U-LLW480I-RD



## Type:

- 1U Rack Mount Industrial PC
- Depth: 10.19"

## Motherboard:

- Featuring Intel W480 Chipset and 10th Gen Intel Core i9, i7, i5, i3, Intel Xeon W-1200 processor
- **Long Production Cycle Motherboard (Through Q4 2030)**
- **Full Height Slots:**
  - 1 - PCIe x16
- **LAN:** 2x Ports (1GbE + 1GbE)
- **RAID:** 0,1
- **Video:** DisplayPort + HDMI
- **Audio:** Realtek ALC888S HD Audio
- **Ports:**
  - 4x USB 2.0 Ports ( 2 Front, 2 Internal Headers )
  - 4x USB 3.2 Gen 2 Ports ( 4 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:** i3-10100 - 3.6GHz (up to 4.3GHz) Intel Quad-Core (4 cores) CPU - 6MB Cache, UHD Graphics 630 (65W)
- **Memory:** 8GB DDR4 2666MHz SODIMM RAM
- **Removable Drive Bay:** 2 x 2.5" 5mm-9.5mm HDD/SSD in 5.25" Hot Swap Mobile Rack Cage.
- **Hard Drive:** 250GB NVMe SSD M.2 2.9GB/1.3GB - Samsung 980

- **Power Supply:** 150W 1U Flex ATX Power Supply
- **Operating System:** Not Included -
- **Warranty:** One-Year Depot Warranty

## Technical Specifications

### MotherBoard Specifications:

#### Motherboard Model

- Motherboard Type: MiniITX
- Long Production Cycle
- Long Life: YES
- EOL Date: Q4 2030

#### Supported CPU

- Number of Processors: 1
- Processor Type: 10th Gen Intel Core i9, i7, i5, i3, Intel Xeon W-1200

#### Chipset

- Chipset: Intel W480 Chipset

#### Memory

- Memory Type: SO DIMM DDR4 2666MHz
- Memory Type: Non-ECC
- DIMMS: 2
- Maximum Memory: 64GB

#### On Board Audio

- Audio Type: Realtek ALC888S HD Audio

#### On Board Video

- Video Chipset: Supported by CPU - depends on CPU selected
- Video on IO: DisplayPort + HDMI
- Display Port Out: 1
- HDMI Out: 2

#### LAN

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

#### Drive Interface

- SATA III Ports (6GB): 2
- RAID

### Chassis Specifications:

#### General

- Form Factor: 1U Rackmount
- Front Changeable Air Filter
- Color: Black
- Material: Metal/Steel
- Material Thickness: 1mm
- Motherboard Compatibility: Mini ITX
- Slide Rails: Optional

#### Expansion

- Full Height Slots: 2
- External 5.25" Bays: 1
- Internal 2.5" Bays: 1

#### Front Ports

- USB 2.0 Ports (Front): 2

#### Cooling System

- Maximum Fan Count: 2
- Included Fans: 2

#### Physical

- Depth: 10.19"
- Width: 16.85"
- Height: 1.78"
- Shipping Box - Depth:
- Shipping Box - Width:
- Shipping Box - Height:
- Shipping Weight:

#### Other Features

- Features: External 5.25" Bay for upgradable Removable Drive Cage.
- Chassis Warranty: 1 Year

- RAID Type: Software RAID
- RAID Levels Supported on Motherboard: 0, 1

#### **Expansion Slots**

- PCI Express x16 Slots On Motherboard: 1

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

- Total M.2 NVMe SSD Slots: 1
- M.2 Slot #1 Specs
- M.2 SATA SSD
- PCIe Signal
- 2242 - 22 mm x 42 mm.
- 2280 - 22 mm x 80 mm.

#### **Rear IO**

- USB 3.2 Gen 2 Type A Ports (on IO): 4
- Audio on IO

#### **Headers**

- USB 2.0 Ports (on Headers): 4
- Serial (via Headers): 2
- FAN Connectors: 3

#### **Management Features**

- AMT
- NMI

#### **Environmental**

- Operating Temperature: 0°C to 60°C (32°F to 140°F )
- High Humidity: 85%
- Low Humidity: 10%

#### **Operating System Support**

- Windows 10 Home (64 Bit)
- Windows 10 Pro (64-Bit)
- SL-Windows 11PRO to 10PRO 64bit
- 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
- RED HAT Enterprise LINUX WORKSTATION STANDARD
- RED HAT Enterprise LINUX SERVER STANDARD
- LINUX Ubuntu Desktop
- Ubuntu Server Edition

#### **Compliance of Component**

- CE
- FCC

**Other Features**

- Motherboard Warranty: 1 Year



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