

## 3U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG  
SL-3U-WRX80-GM62-SR



### Type:

- 3U Rack Mount Server
- Depth: 14.89", Max Card Depth: 324mm"

### Motherboard:

- Featuring AMD WRX80 and AMD Socket sWRX8 for Ryzen™ Threadripper™ PRO Series processor
- **Full Height Slots:**  
7 - PCIe x16
- **LAN:** 4x Ports (10GbE + 10GbE + 1GbE + IPMI)
- **RAID:** 0,1,5,10 and NVMe 0,1
- **Video:** VGA
- **Audio:** Realtek ALC4080 codec
- **Ports:**  
4x USB 3.2 Gen 1 Ports ( 2 Front, 2 Internal Headers )  
5x USB 3.2 Gen 2 Ports ( 5 Rear )  
1x USB 3.2 Gen 2 Type-C Port ( 1 Rear )  
1x COM Port (RS232 Internal Headers)  
See specifications for more ports
- **Operating Temperature:** 10°C to 40°C (50°F to 104°F)

### Configuration summary:

- **Processor:** i7-9800X - 3.8GHz (up to 4.4GHz) Intel Octa (8) Core CPU - 16.5MB Cache, No Onboard Graphics (165W)
- **Memory:** 2 x 8GB DDR4 3200MHz OC RAM
- **Hard Drive:** 1TB PCIe 4.0 NVMe SSD M.2 7,000MBps/5,000MBps - Samsung 980 PRO
- **Add-In Graphic Card:** NVIDIA Quadro T400 4GB 64-bit GDDR5 PCIe 3.0 x16

- Workstation Video Card - 3 x Mini DisplayPort 1.4 - No Win 7 Support!
- **Power Supply:** 750W SFX Form Factor Auto-Switching Power Supply, Fully Modular, 80+ Gold
- **Operating System:** Not Included -
- **Warranty:** One-Year Depot Warranty

## Technical Specifications

### MotherBoard Specifications:

#### Motherboard Model

- Motherboard Type: SSI CEB

#### Supported CPU

- Number of Processors: 1
- Processor Type: AMD Socket sWRX8 for Ryzen™ Threadripper™ PRO Series

#### Chipset

- Chipset: AMD WRX80

#### Memory

- Memory Type: DDR4 3200MHz
- Memory Type: ECC Registered
- DIMMS: 8
- Maximum Memory: 2048GB

#### On Board Audio

- Audio Type: Realtek ALC4080 codec

#### On Board Video

- Video Chipset: ASPEED AST2600 BMC
- Video on IO: VGA
- VGA Port Out: 1

#### LAN

- LAN Ports: 4
- LAN Type: 10GbE + 10GbE + 1GbE + IPMI
- LAN Chipset: Intel X550-AT2 10GBase-T
- Second LAN Chipset: Intel X550-AT2 10GBase-T
- Third LAN Chipset: Intel i210
- Fourth LAN Chipset: 10/100/1000 management LAN
- Wireless LAN: No Integrated WLAN

#### Drive Interface

- SATA III Ports (6GB): 4

### Chassis Specifications:

#### General

- Form Factor: 3U Rackmount
- Front Changeable Air Filter
- Color: Black
- Material: Metal/Steel
- Material Thickness: 1mm
- Motherboard Compatibility: E-ATX
- Slide Rails: Optional

#### Expansion

- Full Height Slots: 8
- Max Card Depth: 324mm"
- External 3.5" Bays: 1
- Internal 2.5" Bays: 2

#### Front Ports

- USB 3.2 Ports (Front): 2
- USB Type-C (Front): 1

#### Cooling System

- Maximum Fan Count: 2

#### Physical

- Depth: 14.89"
- Width: 17"
- Height: 5.22"
- Shipping Box - Depth: 24"
- Shipping Box - Width: 23"
- Shipping Box - Height: 11"
- Shipping Weight: 28lbs

#### Other Features

- Features:
  - 8x full height PCIe card slot cutouts
  - Maximum card height: 115mm
  - Maximum card length with 3x Noctua

- SAS 6G Ports: 3
- RAID
- RAID Type: Software RAID
- RAID Levels Supported on Motherboard: 0, 1, 5, 10

#### **Expansion Slots**

- PCI Express x16 Slots On Motherboard: 7

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

- Total M.2 NVMe SSD Slots: 2
- M.2 Slot #1 Specs
- M.2 SATA SSD
- PCIe Signal
- 2242 - 22 mm x 42 mm.
- 2280 - 22 mm x 80 mm.
- M.2 Slot #2 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): 5
- USB 3.2 Gen 2 Type C Ports (on I/O): 1
- Audio on IO

#### **Headers**

- USB 3.2 Gen 1 Ports (on Headers): 4
- Serial (via Headers): 1
- FAN Connectors: 9
- TPM Support: Via 2.0 Header

#### **Environmental**

- Operating Temperature: 10°C to 40°C (50°F to 104°F )
- High Humidity: 95%
- Low Humidity: 20%

#### **Operating System Support**

- Windows 10 Home (64 Bit)
- Windows 10 Pro (64-Bit)
- Windows 10 Pro WS (64-Bit)
- SL-Windows 11PRO to 10PRO 64bit
- Windows 11 Pro (64 Bit)
- Windows 11 Pro for WS (64 Bit)
- Windows 11 IoT 2024 LTSC High End
- RED HAT Enterprise LINUX SERVER BASIC
- RED HAT Enterprise LINUX SERVER STANDARD
- LINUX Ubuntu Desktop
- Ubuntu Server Edition

#### **Compliance of Component**

A12x25 fans: 324mm

- Maximum card length with Asetek 360mm AIO and Noctua A12x25 fans: 297mm
- Maximum card length with no fans / no AIO cooler: 349mm
- Chassis Warranty: 1 Year

- CE

### Other Features

- Features:

#### Expansion Slots

Slot\_7: 1 x PCIe x16

(Gen4 x16) slot

Slot\_6: 1 x PCIe x16

(Gen4 x16) slot

Slot\_5: 1 x PCIe x16

(Gen4 x16) slot

Slot\_4: 1 x PCIe x16

(Gen4 x16) slot

Slot\_3: 1 x PCIe x16

(Gen4 x16) slot

Slot\_2: 1 x PCIe x16

(Gen4 x8) slot

Slot\_1: 1 x PCIe x16

(Gen4 x16) slot

Video Integrated

in

Aspeed AST

2600

2D Video

Graphic

Adapter

with PCIe

bus

interface

1920x1200

@60Hz

32bpp

TPM 1 x

TPM

head

r with

SPI

interf

ace

Optio

nal

TPM2.

kit: C

TM01

0

- Motherboard Warranty: 1 Year



Simplifying Computing™

[www.superlogics.com](http://www.superlogics.com)  
Phone: 1-508-650-9500

[sales@superlogics.com](mailto:sales@superlogics.com)  
Fax: 1-508-650-9525