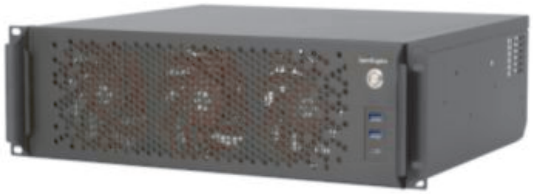
3U Rack Mount Server Rackmount

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



Type:

- 3U Rack Mount Server
- Depth: 16.89", Max Card Depth: 375mm"

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 NVMe Only
- **Video:** 1x 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:** 10ºC to 40ºC (50ºF to 104ºF)

Configuration summary:

- **Processor:** AMD Ryzen Threadripper PRO 5955WX, 16-Core, 32-Thread, 4.0GHz, Socket sWRX8 Processor
- **Memory:** 2 x 8GB DDR4 3200MHz OC RAM
- **Hard Drive:** 1TB PCIe 4.0 NVMe SSD M.2 7,450/6,900MB/s - Samsung 990 PRO
- **Add-In Graphic Card:** NVIDIA RTX A400 4GB GDDR6, PCI Express 4.0 x16 - 4x Mini DisplayPort - Low Profile and Full

Height Compatible
- **Power Supply:** 700W SFX Form Factor Auto-Switching Power Supply, Fully Modular, 80+ Platinum
- **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: 1x VGA
- VGA Port Out: 1

LAN
- LAN Ports: 4
- LAN Type and IPMI: 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
- Color: Black
- Material: Metal/Steel
- Material Thickness: 1mm
- Motherboard Compatibility: E-ATX
- Slide Rails: Optional

Expansion
- Full Height Slots: 8
- Max Card Depth: 375mm"
- Internal 2.5" Bays: 1

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

Cooling System
- Maximum Fan Count: 3

Physical
- Depth: 16.89"
- Depth (Inches): 17
- Width: 17"
- Height: 5.22"
- Shipping Box - Depth: 21"
- Shipping Box - Width: 21"
- Shipping Box - Height: 10"
- Shipping Weight: 28lbs

Other Features
- Features:
    - Eight(8) full height PCIe card slot cutouts
    - Maximum card height: 115mm
    - Maximum card length with no fans / no AIO cooler: 400mm
    - 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: 10ºC to 40ºC (50ºF to 104ºF)
- 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: 375mm
- Maximum card length with Asetek 360mm AIO and Noctua A12x25 fans: 348mm
- Maximum card length with Asetek 360mm AIO and Push/Pull Noctua A12x25 fans: 322mm
- Case includes eight(8) non-vented PCIe slot filler blank brackets (Sliger Part Number: CXSC1020A)

- 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 header with SPI interface Optional TPM2. kit: CTM010

- Motherboard Warranty: 1 Year

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