

## SR-28402 - FANLESS 2U RACKMOUNT PC - DUAL SYSTEM



**\$5,590.00 USD**

### ***A Powerful Fanless Rack Solution***

- Two Systems in the Same Space as One
  - Fanless, Noise Free Computing
  - Space Saving 2U, 3.5" Rack Server/PC
- Powerful Intel's® 10th Generation Core i5, i7 & i9 mobile processors
  - 8x DIO (Digital input/output) ports
- Single Removable Front Drive, Single Internal Drive
  - Wide Range 9-48 VDC Input, ideal for mobile/field
- Built-in 2.5Gb LAN, USB 3.2, Audio, Serial, Video (Display port x 3)
  - 4K Resolution, Ultra HD, Triple Display support
  - Single/Dual channel CAN Bus (Optional)
    - Solid State Drives (SSD) Standard
      - Windows 10, 11 and Linux
    - UL, CE, FCC & RoHS Certified
  - See our FAQ - Why Choose Fanless?
  - Single System Option also available



## GALLERY IMAGES



## PRODUCT DESCRIPTION

Stealth's SR-28402 high performance Fanless Rack Server/PC is dual system built into a slim 3.5" high (2U) rack mountable steel chassis with locking/latching front door. It is also available in a single configuration.

The noise free fanless design provides a high-performance solution that uses powerful Intel 10th Gen Core i5, i7 and i9 Mobile Processors without the need for noisy cooling fans that can draw in dust and potentially cause catastrophic failures. Per system, up to 64GB of DDR4 RAM is supported, along with 16TB in solid state drives (SSD) when equipped with 2 drives total. Raid 0/1 options are available for multiple drive configurations. The space saving design features a rugged extruded aluminum chassis that provides superior heat dissipation.

Stealth's SR-28402 Fanless Rack PC is designed to handle 4K Ultra HD Resolution video and can support up to three displays per system via Display Ports. An abundance of I/O ports on each PC includes USB 3.2, RS232 Serial, Gigabit networking, external SIM card sockets for 4G wireless connectivity, audio and 8x DIO (Digital input/output) ports with electrical isolation of digital signals. Port expansion is available via single or dual-channel CAN Bus or by including any of the optional 10GB LAN, RJ45 PoE or USB 3.0 ports in the Universal Bay. The inclusion of 9-48 VDC power inputs with Over Voltage, Over Current and Reverse Polarity Protection, along with optional 5G communications makes the SR-28402 extremely mobile friendly.

The SR-28402 is UL, CE, FCC & RoHS certified, and designed for use in a multitude of applications including; Transportation, IoT, IIoT, Audio/Video recording, Embedded Control, Digital Signs, Interactive Kiosks, Thin-Clients, and Human/Machine Interface.

## ADDITIONAL INFORMATION

### Processor

Supporting Intel® Core™ 10th Generation Processors  
Intel® Core™ i5-10500TE (6 Cores / 12 Threads, up to 3.7Ghz)  
Intel® Core™ i7-10700TE (8 Cores / 16 Threads, up to 4.4Ghz)  
Intel® Core™ i9-10900TE (10 Cores / 20 Threads, up to 4.5Ghz)

### BIOS

AMI 256Mbit SPI BIOS

### Chipset

Intel® Q470E Express Chipset

### Memory

2x DDR4 Memory Sockets Supporting up to 64GB of RAM /  
Memory

### Internal Storage

480GB 3D NAND SSD (Solid State Drive) standard (SATA)  
Options of up to 8TB SSD internal storage.  
Up to 2 x 2.5" SSD supported total (1 x internal, 1 x removable)  
Optional Onboard RAID configurations (0, 1), requires multiple  
drives

### Internal Expansion Option

(1) M.2 E-key, 2230  
1 Internal full sized Mini-PCIe expansion slot  
Triple Display support with 3x DisplayPort (1x DP Port co-layout  
HDMI connector)

### Video

Intel® UHD Graphics 630  
Supports 4K Ultra HD Resolution as well as 1080p HD Video  
1 onboard 2.5Gb Ethernet controller, RJ-45 interface, PXE and  
WOL Supported  
1 onboard Gigabit Ethernet controller, RJ-45 interface, PXE and  
WOL Supported

### Networking

LAN1: Intel I219, LAN2: Intel I225  
Optional 2x 10G RJ45 Ports with Intel X710 on Front Panel  
Optional 4x 10/100/1000 RJ45 POE Ports with Intel I350 on Front  
Panel  
Optional 802.11 b/g/n/ac Dual Band (2.4Ghz / 5Ghz) Wireless  
Networking and Bluetooth 4.0, Realtek® RTL8821AE via internal  
Mini-PCIe

## Communications

2x External SIM card sockets standard for 4G wireless connectivity  
Optional 2x External SIM card sockets in Front Bay for 5G wireless connectivity  
5x RS232/422/485 COM ports (standard)  
Optional 4x USB 3.0 Ports on Front Panel  
Single/Dual channel CAN Bus (optional)

## Audio

Integrated Realtek High Definition Audio CODEC ALC888S

## Operating Systems

Windows 11 (64-bit)  
Windows 10 (64-bit)  
Windows Server 2019  
Ubuntu Linux  
Please contact us directly for any special requirements

## TPM Module

TPM 2.0 (Trusted Platform Module), provides increased hardware security.

## WatchDog Timer

1 ~ 255 sec/min  
System Reset

## Hardware Monitor

Processor temperature  
Voltage

## Chassis Description

2U, 3.5" High, 19" EIA rackmount  
Solid Steel Chassis, Black Color  
Locking / Latching Secure Front door  
Fanless Design  
Rear locking 3-Pin Power Jack (includes Ignition / Car PC function)  
Input is 9V – 48V DC

## Power Input

Power Mode: AT & ATX  
Includes External AC Adapter, Input 100~240V AC @ 1.4A  
50-60Hz  
Power Protection: OVP (Over Voltage Protection), OCP (Over Current Protection) & Reverse Protection

## Included with System

North American Power Cord  
\* NOTE: Subject to change without notice  
100-240V AC Adapter, 4.75ft cable exit length

## Options

5G wireless connectivity w/ 2x External SIM card sockets in Front Bay

2x 10Gb Ports on Front Panel

4x 10/100/1000 RJ45 POE Ports on Front Panel

4x USB 3.0 Ports on Front Panel

802.11 b/g/n/ac Dual Band (2.4Ghz / 5Ghz) WiFi and Bluetooth, Intel® AC7260 via internal Mini-PCIe

External USB DVD+-RW/CD-RW Drive

1x 2.5Gb RJ45 Network connection

1x DP/HDMI video connector

2x USB 3.2 Gen 2 Ports

3x RS232 COM ports

## Rear Panel

Car Mode Delay Time Setting Switch

1x Gigabit RJ45 Network connection

8x DIO (Digital input/output) with Isolation

2x DisplayPort video connectors

9 - 48V DC Connector

2 x SIM Communications Slots (4G / LTE)

PC/Car Mode Select Switch

1x Removable SSD Bay

1x Universal Bay (various I/O Options)

2x RS232 COM ports

## Front Panel

4x USB 3.2 Gen 2 Ports

Clear CMOS

Remote Power Connector

Headphone/Audio Line-Out Jack

AT / ATX Switch

Power-on button

## Dimensions

19.0"(W) x 13.94"(D) x 3.468"(H) (482.6 x 354 x 88 mm)

Operating Temperature: 0 - 40C (32 to 104 F)

Relative Humidity: 10% ~ 95%, non-condensing (Operating & Non-Operating)

## Environmental

Shock: 50G, half sine, 11ms (with SSD)

Vibration: 5 Grms, 5 - 500 Hz, 0.5 hr/axis (with SSD)

UL 62368-1 and CSA C22.2 No. 62368-1:19

RoHS

## Approvals

CE

FCC

## Weight

35lbs / 15.88kg depending on configuration

## **Warranty**

2 Year limited Warranty, Standard

1 Year Extended Warranty available (see Configurator/Price List)

## **Disclaimer**

Note: Specifications are subject to change without notice.