SR-2950 - FANLESS 2U RACKMOUNT SERVER/PC WITH NVIDIA VIDEO

$4,420.00 USD

Fanless 2U Rackmount PC with Nvidia Video

- Fanless, Noise Free Computing
- Space Saving 2U, 3.5″ Rack Server/PC
- Powerful Intel® 6th and 7th Generation Core™ i5, i7 & Xeon processors
- ECC Memory Support
- Dedicated NVIDIA® GeForce® Quadro T1000 graphics card
- Supports up to 8K resolution, 7 Display support
- 32 DIO (16 In/16 Out Digital input/output) ports
- Dual Removable Front Drives
- Solid State Drives (SSD) Standard
- PCIe x4 expansion slot
- Wide Range 10-36 VDC Input, ideal for mobile/field
- Windows 10, Server 2022, and Linux
- RoHS, CE & FCC, EN50121-3-2, EN50155 certified
- Wide Range Temperature version also available
- Small Form Factor model version also available

GALLERY IMAGES

PRODUCT DESCRIPTION

The new Stealth SR-2950 is our latest in innovative Fanless 2U Rackmount Computer/Servers. It features a dedicated NVIDIA® graphics card, along with Intel® 6th and 7th Generation Core™ i5, i7 & Xeon processors and supports operation in temperatures ranging from -25°C – 60°C. The robust capabilities packed into a 2U high rack mount chassis make it ideal for installation in standard 19" EIA rack cabinets.

The SR-2950 Rack Mount PC comes equipped with a dedicated NVIDIA® GeForce Quadro T1000 graphics card supporting up to 8K Resolution across 4 DisplayPort video ports. In combination with the Intel onboard video (DVI-D, VGA and 2 DisplayPort video ports), up to 7 displays can be connected simultaneously.

Fanless by design, the system operates without noisy cooling fans that can draw in dirt and dust causing potentially catastrophic failures. The space saving design features a rugged extruded aluminum chassis that provides superior heat dissipation within a 2U high 19" rack mount chassis.

The SR-2950 can be configured with 480GB to 16TB of total SSD storage (using dual drives), as well as 8GB to 64GB of RAM. ECC memory is available depending on the CPU selected. Also included are dual Removable Front Drive Bays that provide easy drive swapping and onboard Raid supporting 0/1 set-up options. The powerful small form factor PC includes an abundance of I/O ports such as USB 3.0, RS232 Serial, Gigabit networking, 32 DIO (Digital input/output), external SIM card sockets for wireless connectivity and audio/video ports.

Engineered to be extremely mobile friendly, the SR-2950 includes a Wide Range 10-36 VDC power input with a rear locking 3-Pin Ignition Switch. A TPM 2.0 (Trusted Platform Module) is incorporated to provide increased hardware security.

The SR-2950 is RoHS, CE, FCC, EN50121-3-2 & EN50155 certified and designed for use in a multitude of applications including: Audio/Video Recording, Embedded Control, Digital Signs, Interactive Kiosks, IoT, Industrial Internet of Things (IIoT), Transportation, and Human/Machine Interface.

ADDITIONAL INFORMATION

Processor	Supporting Intel® Core™ 6th and 7th Generation, and Xeon® Processors Intel® Celeron® G3900TE (2 Cores / 2 Threads, 2.30Ghz) Intel® Core™ i5-6500TE (4 Cores / 4 Threads, up to 3.30Ghz) Intel® Core™ i7-6700TE (4 Cores / 8 Threads, up to 3.40Ghz) Intel® Core™ i7-7700T (4 Cores / 8 Threads, up to 3.80Ghz) Intel® Xeon® E3-1268L v5 (4 Cores / 8 Threads, up to 3.40Ghz)
BIOS	AMI
Chipset	Intel® C236
Memory	2x DDR4 Memory Sockets Supporting up to 64GB of RAM / Memory Optional ECC Memory Support (available for Celeron and Xeon CPUs only)
Internal Storage	256GB 3D NAND SSD (Solid State Drive) standard (SATA) Options of up to 2TB SSD internal storage. Optional Onboard RAID configurations (0, 1), requires multiple drives
Internal Expansion Option	(3) Full-Sized MiniPCIe Slots PCIe x4 expansion slot (Up to 7" length)
Video	NVIDIA® GeForce® Quadro T1000 providing 4x DisplayPorts Supports 8K UHD and 4K UHD Resolution as well as 1080p HD Video Up to 7 independent displays total (3 video ports using onboard Intel chipset) Includes 1 VGA, 1 DVI and 6 DisplayPort video ports – 1 VGA : Up to 1920 x 1200 @ 60Hz – 1 DVI : Up to 1920 x 1200 @ 60Hz – 2 DisplayPort : Up to 4096 x 2304 @ 60Hz – 4 DisplayPort : Up to 7680 x 3840 @ 60Hz

Networking	LAN1: Intel® I219LM, LAN2: Intel® I210 2 onboard Gigabit Ethernet controllers, RJ-45 interface, PXE and WOL Supported 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	3x External SIM Card sockets for wireless connectivity
Audio	Integrated Realtek High Definition Audio CODEC ALC892, 5.1 Channel HD Audio
Operating Systems	Windows Server 2022 Windows 10 (64-bit) Windows 10 IoT Enterprise Ubuntu Linux
TPM Module	TPM 2.0 (Trusted Platform Module), provides increased hardware security.
Chassis Description	2U, 3.5" High, 19" EIA rackmount Fanless Rugged Aluminum Chassis
Power Input	Input is 10V – 36V DC Rear Locking 3-Pin Ignition Switch (12V or 24V) Rear Locking 3-Pin power Jack ideal for mobile applications
Included with System	AC Adapter North American Power Cord * NOTE: Subject to change without notice
Rear Panel	10 – 36V DC Connector 1x Expansion Slot 32 DIO (16 In/16 Out Digital input/output) 4x DisplayPort Video connectors 4x RS232 COM ports Rear Locking 3-Pin Ignition Switch (12V or 24V) 2 x USB 3.0 Ports

Front Panel	(2) Removable 2.5" Drive Bays 1x Analog VGA / HD-15 1x DVI-D video connector 2x DisplayPort Video connectors 2x Gigabit RJ45 Network connections 3x SIM Card Communication Slots 4x USB 3.0 Ports Audio Line-Out Jack Microphone Input Jack Power-on button Reset button
Dimensions	19.0"(W) x 8.5"(D) x 3.5"(H) (483mm x 215mm x 89mm)
Environmental	Shock: IEC 60068-2-27, SSD: 50G @ wallmount, Half-sine, 11ms Storage Temperature: -10C – 60C (14F – 140F) Vibration: IEC 60068-2-64, SSD: 5Grms, 5Hz to 500Hz, 3 Axis Humidity: 5% ~ 95%, non-condensing (Operating & Non-Operating) Operating Temperature: 0 – 40C (32 to 104 F)
Approvals	EN50121-3-2 EN50155 RoHS CE FCC
Weight	22lbs (10kg)
Warranty	2 Year limited Warranty, Standard 1 Year Extended Warranty available (see Configurator/Price List)
Disclaimer	Note: Specifications are subject to change without notice.