

Raidon Technology Introduces SR4-B32A 4-Bay Hardware RAID Desktop Storage System for USB-A Systems

Supports RAID-5 for single-drive fault tolerance, as well as RAID-0, JBOD, and BIG, up to 10Gb/s with compatible USB 3.2 Gen 2 USB-A hosts, and 150W Internal Power

[Raidon Technology, Inc.](#) announces the [SR4-B32A](#) a 4-bay hardware RAID enclosure designed for desktops and workstations that rely on standard USB-A ports.



It provides a practical upgrade path for legacy systems, including a USB-C to USB-A cable for simple plug-and-play deployment and support for up to 10Gb/s transfer speeds on compatible USB 3.2 Gen 2 USB-A hosts.

A **dedicated hardware RAID controller supports RAID-5** for single-drive fault tolerance, as well as **RAID-0, JBOD, and BIG** for performance-oriented or capacity-focused workflows. With a **150W internal power supply**, active cooling, and **hot-swappable lockable trays**, the SR4-B32A is engineered for reliable operation in backup, media, research, and other data-intensive environments.

Features:

Broad USB-A Compatibility



Designed for desktops and workstations with standard USB-A ports. Ships with a USB-C to USB-A cable and supports **up to 10Gb/s** when connected to **compatible USB 3.2 Gen 2 USB-A hosts**.

Built-in Hardware RAID



Supports RAID-0, RAID-5, JBOD, and BIG. In **RAID-5 mode**, the system maintains data availability during a single-drive failure and begins rebuilding the array once a compatible replacement drive is installed.

Professional, Service-Ready Design

Supports 4x3.5" or 2.5" SATA 3 HDDs or SSDs. Hot-swappable, lockable trays simplify maintenance and improve physical security. A 150W internal power supply ensures stable, continuous operation.

Status Monitoring and Active Cooling



Rebuild Tracking:
4-dot progress LEDs (25% / 50% / 75% / 100%)

Front-panel LEDs display power, drive activity, failure alerts, and RAID rebuild progress (25/50/75/100%). Includes a buzzer with mute switch, an adjustable 80mm rear fan, and hardware RAID controls with optional Windows GUI monitoring.

Cross-Platform and Mobile Workflow Support



Plug-and-play support for Windows, macOS, and Linux

Plug-and-play compatible with Windows, macOS, and Linux. Also supports Easy Data Vault backup for USB-C iPhone and iPad models when using a USB-C to USB-C cable.



Applications:

- **Creative Studio Backup and Archive**
Protect large photo and video projects with RAID-5 reliability..
- **Departmental Local File Storage**
Provide dependable shared storage without the complexity of network systems.
- **Research and Lab Data Protection**
Safeguard long-term datasets with high-capacity, fault-tolerant storage.
- **Legacy Workstation Expansion**
Add professional-grade RAID storage to older USB-A desktops and workstations.
- **High-Capacity Backup Target**
Serve as a scheduled backup destination for systems that have outgrown single-drive solutions.
- **Surveillance Footage Archive**
Organize and retain large volumes of video data with dependable long-term storage.

Frequently Asked Questions (FAQ):

Q1: Which RAID modes are supported?

A: The SR4-B32A supports RAID-0, RAID-5, JBOD, and BIG.

Q2: What happens if a drive fails in RAID-5 mode?

A: The array enters a degraded state, but data remains accessible. Rebuilding begins once a compatible replacement drive is installed.

Certifications	CE / FCC
Packaging	4 pcs per carton
Included Accessories	<ul style="list-style-type: none">• 1x SR4-B32A Enclosure• 1x USB-C to USB-A Cable<ul style="list-style-type: none">• 1x Power Cord• 1x Accessory Kit (Drive Screws, Keys)• 1x Quick Installation Guide