

# Raidon Technology Introduces 4-Bay STARDOM SR4-BA32 20Gb/s USB-C RAID-5 Desktop Storage System

Designed for desktop and workstation with both USB-C and USB-A devices, and RAID support for RAID-0, 5, JBOD, and BIG

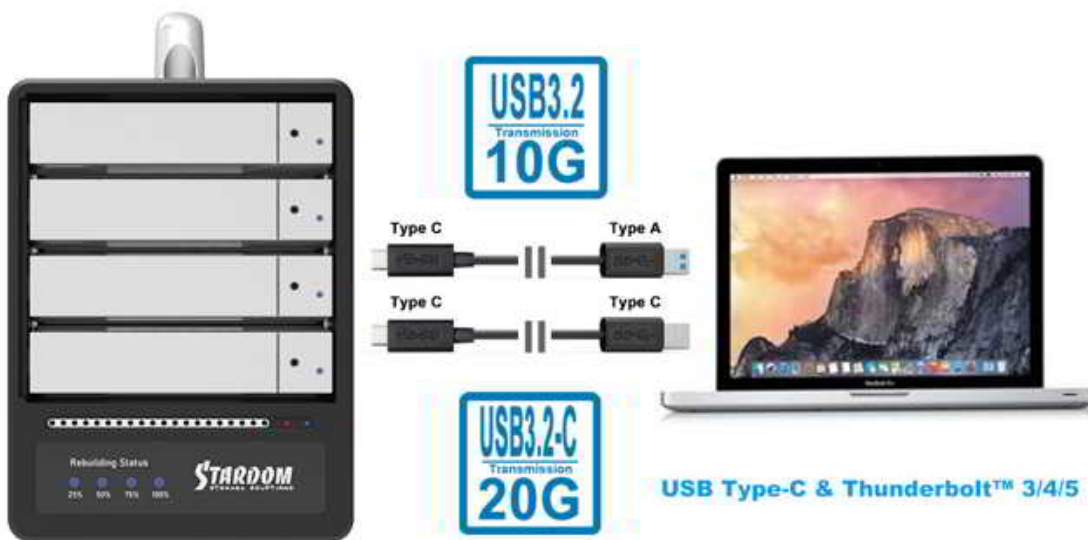
[Raidon Technology, Inc.](#) announces the [STARDOM SR4-BA32](#) 20Gb/s USB-C RAID-5 desktop storage system.



Designed for creative teams, business users, and data-intensive environments, the SR4-BA32 combines **USB 3.2 Gen 2x2 performance up to 20Gb/s, hardware RAID-5 protection**, and support for both **USB-C and USB-A hosts** in 1 compact desktop unit. It includes both a **USB-C to USB-C cable** and a **USB-C to USB-A cable** for immediate deployment across mixed-system environments.

Built for reliable daily operation, the SR4-BA32 features hot-swappable, lockable drive bays, a 150W internal PSU, status LEDs, alerts, and active cooling in a durable aluminum chassis. It also supports USB-C iPhone and iPad workflows for file access and management via Files and compatible apps. AC power is required during mobile use.

## Features:



- **Broad USB Connectivity**

Designed for desktop and workstation with both USB-C and USB-A devices. Supports up to 20Gb/s for fast, high-bandwidth transfers, making large files easy to handle and it is compatible with Thunderbolt 3/4/5 computers via USB-C for flexible connectivity.

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- **Built in Hardware RAID**

Flexible RAID support for RAID-0, 5, JBOD, and BIG, offering options for speed, protection, or capacity. In RAID-5 mode, data remains accessible if 1 drive fails, and automatic rebuilding starts when a replacement drive is hot-swapped in.



Drive Support: 4x SATA III (6Gb/s) bays supports 3.5" HDDs and 2.5" HDDs/SSDs

- **Professional Service Ready Design**

Supports up to 4x3.5" or 2.5" SATA 3 HDDs or SSDs with hot-swappable, lockable trays for easy and secure drive replacement. A built-in 150W power supply ensures stable performance, and ensures stable and continuous operation.



### Windows Management GUI (Windows only):

Tracks array status, alerts, and rebuild progress; RAID mode is configured via physical hardware controls only.

- **Status Monitoring and Active Cooling**

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 compatible with Windows, macOS, and Linux. It 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

**Q3: Are the drive trays hot-swappable?**

**A:** Yes. The lockable drive trays are hot-swappable, allowing drive replacement without powering down the enclosure

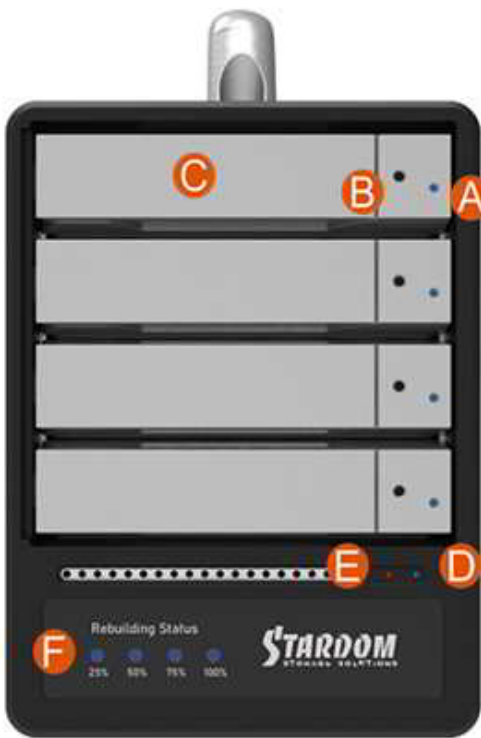
**Q4: Does it work with USB-C or Thunderbolt 3/4 hosts?**

**A:** Yes. The enclosure operates as a standard USB storage device when connected to compatible USB-C or Thunderbolt 3/4 hosts using a separate USB-C to USB-C cable

**Q5: Does it support mobile device backup?**

**A:** Yes. Easy Data Vault backup and restore is supported on compatible USB-C iPhone and iPad models **when connected with a separate USB-C to USB-C cable**

**Specs:**



- A. HDD Status Indicator LED
- B. HDD Tray Key Lock
- C. HDD Tray
- D. Power Status Indicator
- E. System Status Indicator
- F. Rebuilding Status Indicator



- G. Mute Switch
- H. Fan Switch
- I. RESET Button
- J. RAID Mode Switch
- K. Power Switch
- L. Power Socket
- M. USB 3.2 Gen 2x2 Type-C Port x 1
- N. Cooling Fan
- O. Kensington Security Slot

<b>Model No</b>	<b>SR4-BA32</b>
<b>Host Compatibility</b>	Systems with USB-C or USB-A host ports
<b>Device Port</b>	USB-C (USB 3.2 Gen 2x2)
<b>Included Cables</b>	1 x USB-C to USB-A 1 x USB-C to USB-C

<b>Maximum Host Link Rate</b>	Up to 20Gb/s with compatible USB 3.2 Gen 2x2 USB-C hosts
<b>Supported Drives</b>	4 × 3.5" / 2.5" SATA 3 HDD/SSD
<b>RAID Modes</b>	RAID-0, RAID-5, BIG, JBOD
<b>OS Support</b>	Windows 7 or later, macOS 10.10 or later, Linux
<b>Cooling</b>	80mm fan with High/Low speed switch
<b>Chassis</b>	Aluminum chassis with active cooling
<b>Status / Alerts</b>	Power, drive activity, drive failure, rebuild progress, overheat/fan failure LED, buzzer alerts
<b>Power Input</b>	Internal 150W (AC 100-240V, 50-60Hz)
<b>Dimensions (H × W × D)</b>	166 × 124 × 210 mm
<b>Certifications</b>	CE / FCC
<b>Packaging</b>	4 pcs per carton
<b>Included Accessories</b>	<ul style="list-style-type: none"> <li>1 x SR4-BA32 enclosure</li> <li>1 x USB-C to USB-C cable</li> <li>1 x USB-C to USB-A cable</li> <li>1 x power cord</li> <li>1 x accessory kit (drive screws and keys)</li> <li>1 x quick installation guide</li> </ul>