Raidon Technology Introduces Stardom ST4-B32 4-Bay USB 3.2 JBOD Enclosure Storage Solution

Featuring USB Type-C interface with USB 3.2 Gen2x2 support, and delivers 20Gb/s transfer speeds

Raidon Technoloy, Inc. introduces the Stardom ST4-B32 4-bay USB 3.2 JBOD enclosure storage solution.



The ST4-B32 is a professional-grade 4-bay JBOD enclosure designed for high-volume data storage, backup, and media workflows.

Featuring a USB Type-C interface with USB 3.2 Gen2x2 support, it delivers ultra-fast 20Gb/s transfer speeds – ideal for maximizing the performance of 4 independent SATA 6Gb/s drive bays. Designed for flexibility and efficiency, it includes individual drive power switches, hot-swappable trays, an adjustable low-noise cooling fan, and integrated iOS app support for direct data management from iPhone or iPad, making it a reliable and energy-efficient solution for archival and professional storage needs.

Key Features:

• Per-Drive Power Control

Each drive features its own power switch for selective activation to save energy and reduce wear, while all drives can also power on automatically when the enclosure is turned on.

• 4 Independent Drive Access (JBOD)

Supports JBOD mode with independent access to each of the 4 drives.



Per-Drive Power Control

• Intelligent LED indicators

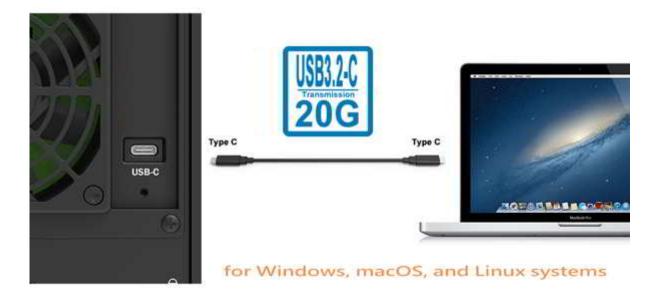
Real-time LED indicators provide immediate visual updates on each drive's status.

• Hot-Swappable Dual-Size Drive Bays

Each bay supports both 2.5'' and 3.5'' SATA SSDs or HDDs with a hot-swappable tray design, enabling fast installation, easy replacement, and flexible configuration.



High-Speed USB 3.2 Type-C Interface Supports USB 3.2 Gen2x2 (20Gb/s) and compatible with Gen2X1 (10Gb/s) / Gen1X1 (5Gb/s) for Windows, macOS, and Linux systems.



• Advanced, Efficient Cooling

Built-in 80mm low-noise fan with adjustable speed control ensures low-noise operation and optimal drive temperatures during heavy workloads.

• **Durable Aluminum Construction**Lightweight yet robust build for long-lasting, high-performance operation.



• iOS Backup Integration

Pair with the **Easy Data Vault app** to effortlessly back up photos and videos directly from your iPhone and iPad. No computer required.



Benefits

The ST4-B32 is equipped with a comprehensive set of benefits, making it a robust and reliable storage solution for professional users.

• Flexible and scalable JBOD Storage

JBOD support and independent drive access allow customized and efficient data handling.

• Plug-and-Play Compatibility

Works out-of-the-box with both Windows and macOS (and Linux), and it's also compatible with Thunderbolt 3/4.

• Energy Efficiency

Individual power switches help save energy by turning off unused drives.

• High-Speed Performance

USB 3.2 Gen2x2 support ensures fast and reliable data transfer up to 20Gb/s.

• Hot-swappable tray design

Hot-swappable drive trays for both HDD and SSD along with intuitive controls, enable hassle-free drive installation and operation.

Quiet and Reliable Operation

Lightweight aluminum casing combined with an adjustable low-noise fan keeps drives cool and protected during heavy use.

Applications

The ST4-B32 supports a wide range of high-performance data storage needs:

Media Production and Video Editing

Ideal for videographers, and audio producers who deal with large media files. The USB-C high-speed interface ensures they can efficiently handle and edit large video content, including 4K and 8K footage.

• Graphic Design and Multimedia

Perfect for designers and multimedia professionals managing large project files, ensuring fast storage access and dependable performance.

• Data Backup and Archiving

Provides ample storage with independent drive access, making it a choice for individuals and businesses needing regular, secure backups.

• Scientific Research and Data Analysis

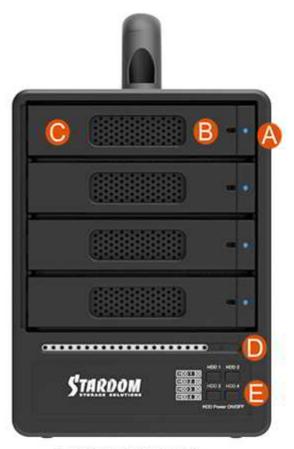
Supports researchers working with large datasets by enabling fast data retrieval and ample storage capacity.

• Software Development

Helps developers manage multiple project versions and quickly back up code repositories for efficient workflow management.

• Small Office and Network Expansion

Functions as a DAS (Direct Attached Storage) expansion unit for small servers or office networks.



- A. HDD Status Indicator LED
- B. HDD Tray Key Lock
- C. HDD Tray
- D. Power Indicator
- E. Drive Power Switches



- F. USB 3.2 Gen 2X2 Type-C Port x 1
- G. Power Switch
- H. Power Socket
- I. Fan Switch
- J. Kensington Security Slot
- K. Cooling Fan

Specs:

Model No	ST4-B32			
Interfaces	USB 3.2 Gen 2×2 Type-C (up to 20Gb) Compatible with all USB 3.2 Gen 1,2/USB 2.0 specifications			
Compatible Drive	4 x 3.5"/2.5" SATA 3 HDD/SSD			
Storage Mode	JBOD (Independent Drive Access)			
Operating System Support	Windows 7 or above, macOS 10.10+, Linux			
Cooling System	8 cm Low noise fan			
Electrical and Operating Requirements	* Line voltage: 100-240V AC * Frequency: 50Hz to 60Hz, single phase * Maximum continuous power: 150W * Operating temperature: 32° to 104° F (0° to 40° C) * Storage temperature: -4° to 116° F (-20° to 47° C) * Relative humidity: 5% to 95% non-condensing			
Size and Weight	124 mm (W) x 166 mm (H) x 210mm (D)			
Package Accessories	* ST4-B32 x 1 * USB 3.2 Gen 2×2 (Type-C to Type-C) Cable x 1 * Power Cord x1 * Accessory Kit * Quick Installation Guide x1			