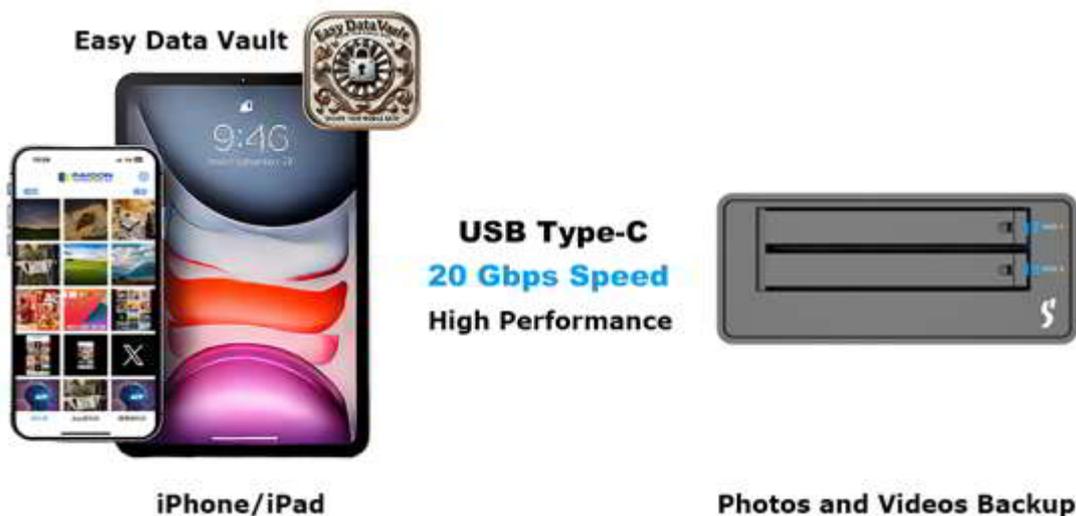Raidon UR2-B32+Easy Data Vault NVMe SSD RAID USB 3.2 Gen 2×2 Type-C Storage and Mobile Data Management Solution

For 2xM.2 NVMe SSD (2242/2260/2280) and supports RAID-0 (performance), RAID-1 (redundancy), JBOD (individual drives), and BIG (spanning mode)

Raidon technology Inc. introduces the UR2-B32, the NVMe SSD RAID storages now paired with the Easy Data Vault iOS app.

This combination **enhances storage, backup, and data management** by merging **high-speed hardware RAID** with an intuitive mobile platform.

Designed for **professionals, power users, and enterprise environments**, the UR2-B32 ensures **reliable, efficient, and secure** data handling. With a **Type-C 5V power connector** for energy-efficient operation and **multiple RAID configurations (RAID-0, RAID-1, JBOD, BIG)**, it offers performance, redundancy, and flexibility. Its **universal USB Type-C and Thunderbolt 3/4 compatibility** ensures integration with a wide range of devices.

Key Features:

Hardware: UR2-B32 NVMe SSD RAID storage

- **Dual M.2 NVMe SSD Support** – Accommodates 2 **high-speed NVMe SSDs** for lightning-fast data processing.
- **Flexible RAID Configurations** – Supports **RAID-0 (performance), RAID-1 (redundancy), JBOD (individual drives), and BIG (spanning mode)** to meet diverse storage needs.
- **USB 3.2 Gen 2 (10Gb) and Thunderbolt Compatibility** – Ensures **high-speed data transfer** and broad system integration.
- **Hot-Swappable SSD Tray** – Enables **quick drive replacement** without system downtime.
- **Type-C 5V Power Connector with ON/OFF Switch** – Provides **stable, energy-efficient power management**.
- **Real-Time Drive Status Monitoring** – LED indicators provide **instant insights into drive health**.
- **Optimized Thermal Management** – Features a **manually adjustable, low-noise cooling fan** and a **durable aluminum chassis** for superior heat dissipation.
- **Cross-Platform Compatibility** – Works with **Windows, macOS, and Linux** systems.
- **Raidon Status Guard GUI (Windows Only)** – Simplifies **RAID configuration and drive management**.

Software: Easy Data Vault iOS App

Photos and Videos Backup   iPhone   iPad

- **Comprehensive Backup and Restore** – Allows **full or selective backup of photos and videos** from **iOS devices**.
- **Direct External Storage Access** – Browse and manage media **directly from USB-C storage** via the app.
- **Secure App Folder** – Offers a **dedicated storage area** for **sensitive files**, ensuring **enhanced security**.
- **Custom Permissions** – Allows users to **control media visibility and sharing settings** for better data management.

Why Choose UR2-B32 + Easy Data Vault?

1. Unmatched Performance and Speed

- **Dual NVMe SSD support** with **USB 3.2 Gen 2** enables **ultra-fast RW speeds**, critical for high-speed computing tasks.
- RAID-0 boosts performance for **video editing, gaming, and large-scale data processing**.

2. Versatile RAID Storage Solutions

- **RAID-1 ensures data redundancy**, protecting against drive failure.
- **JBOD and BIG modes offer maximum storage capacity** with flexible configurations.

3. Enhanced Security and Data Protection

- **RAID redundancy, hot-swappable trays, and backup options** safeguard critical files.
- **Easy Data Vault secures personal media** with selective storage and permission settings.
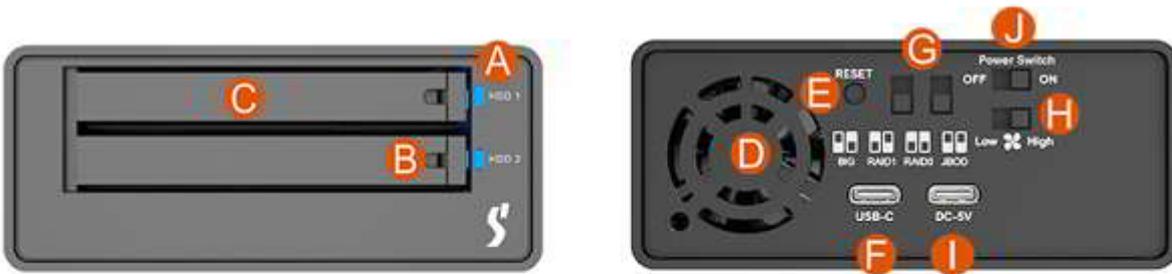
4. Cross-Platform Compatibility and Scalability

- Works with **Windows, macOS, and Linux**, making it ideal for **multi-device workflows**.
- Compatible with **USB Type-C and Thunderbolt 3/4**, ensuring **seamless connectivity**.

5. Efficient and User-Friendly Management

- **Real-time LED drive monitoring** and **plug-and-play setup** simplify usage.
- **Raidon Status Guard GUI (Windows)** enables intuitive RAID control.

Product Specs:

A. HDD access light
B. HDD enclosure pin release
C. HDD enclosure handle
D. Fan
E. RESET hole

F. USB 3.2 Gen2 Type-C (20Gbps)
G. RAID switch
H. Fan speed switch
I. USB Type-C for Power Input
(Power input only), DC 5V
J. Power Switch

Model No	UR2-B32 + APP Combo
Interfaces	USB 3.2 Gen 2×2 Type-C (up to 20Gb)
Compatible Drive	2xM.2 NVMe SSD (2242/2260/2280)
Certification	CE/FCC
Storage Mode	BIG Mode JBOD – Independent Mode RAID-0 – Speed Mode RAID-1 – Safe Mode
OS Support	Windows 7 or above, OS X 10.10 or above, Linux

Cooling System	3cm Low noise fan
Size and Weight	Height : 41 mm Width : 97 mm Depth : 165.3 mm
Carton	10 pcs per carton
Package Accessories	* UR2-B32 + APP Combo x 1 (with removable 2 x UBOX mini) * USB 3.2 (Type-C to Type-C) Cable x 1 * USB 3.2 (Type-C to Type-A) Cable x 1 * Power Adapter x 1 * Accessory kit * Quick Installation Guide

Applications:

- **Creative Professionals** – Essential for photographers, videographers, and designers handling large 4K/8K media files.
- **Enterprise Data Management** – Perfect for businesses needing scalable, secure storage with **RAID redundancy**.
- **iOS Mobile Data Users** – Simplifies photo and video backup, organization, and retrieval.
- **High-Performance Computing** – Designed for video editing suites, research labs, and engineering workstations.
- **Remote Work and Backup Solutions** – Enables **secure, offsite backup and DR**.