

Raidon Technology UR2M-B32 Professional-Grade Dual M.2 NVMe RAID USB Type-C and Thunderbolt 3/4 Enclosure

RAID-1 for data redundancy, JBOD for independent drive use, or BIG mode for maximum storage capacity

[Raidon Technology, Inc.](#) launches the [UR2M-B32](#) performance external hardware RAID storage solution using 2 NVMe M.2 SSD designed for professionals who demand speed and reliability.



Whether you're managing massive media files, editing on the fly, or simply need ultra-fast backup, this compact enclosure features with **dual M.2 NVMe SSD slots, 20Gb transfer speeds, and a rugged aluminum construction that is built to withstand the pressure.** Equipped with hot-swappable trays, intuitive LED indicators, and quiet adjustable fans, the UR2M-B32 is designed for optimal performance and usability, making it a trusted partner for content creators, IT professionals, and data-driven workflows.



It features a secure, hot-swappable M.2 NVMe SSD tray that enhances airflow to minimize heat buildup, ensuring consistent high-speed performance and extended drive lifespan.

Key Features:

Type-C 5V/3A Power Connector

The UR2M-B32 features a 5V/3A USB Type-C power input with an integrated on/off switch, offering convenient, energy-

efficient operation.

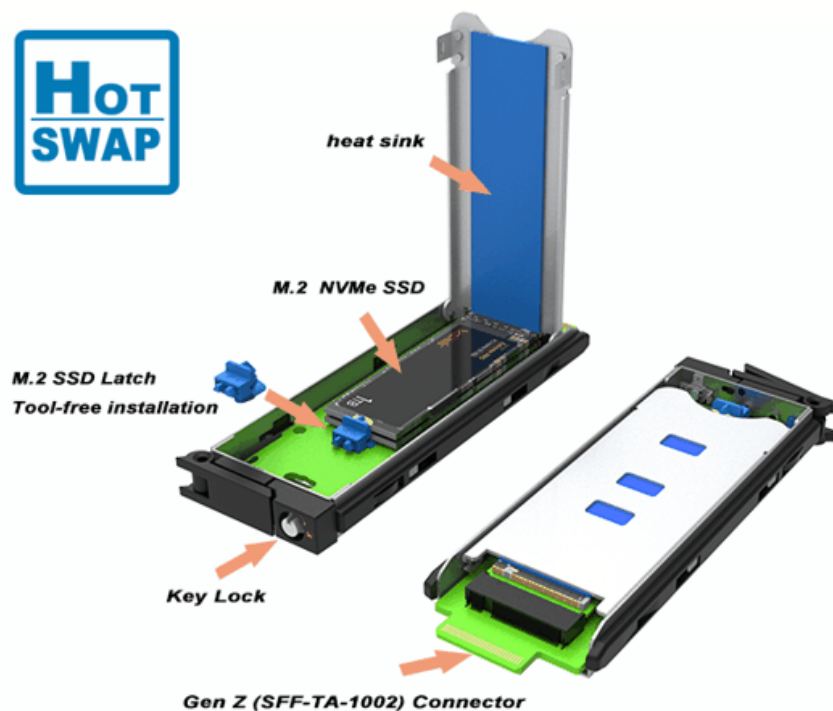
Dual M.2 NVMe SSD Support

Supports 2 high-performance M.2 NVMe SSDs, enabling ultra-fast data access for demanding workloads and intensive data processing.



Flexible RAID Configuration

Choose from RAID-1 for data redundancy, JBOD for independent drive use, or BIG mode for maximum storage capacity – tailor your setup to match your workflow.



Secure, Hot-Swappable SSD Tray

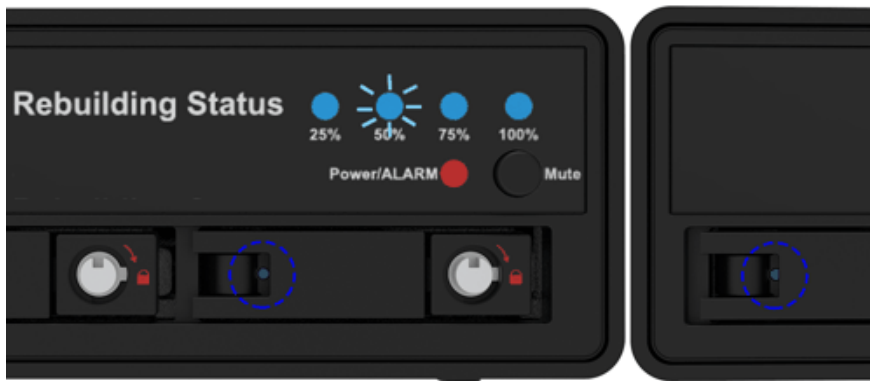
An innovative, hot-swappable SSD tray allows for safe, tool-free drive replacement without downtime, while optimizing airflow for consistent cooling and performance.

Universal Compatibility

Designed for connectivity with USB Type-C and Thunderbolt 3/4 (USB-C) hosts, ensuring broad compatibility with current and future devices.

High-Speed 20Gb Data Transfer

Includes a USB 3.2 Gen 2 cable for blazing-fast transfer speeds up to 20Gb, delivering smooth and uninterrupted productivity.



Intuitive LED Indicators

Clear, easy-to-read LED indicators provide real-time updates on drive health and RAID rebuilding status, keeping you



informed at a glance.

Adjustable Low-Noise Cooling

Fan

A manually adjustable fan ensures effective cooling while maintaining a quiet working environment – ideal for focused productivity.

Durable Aluminum Construction

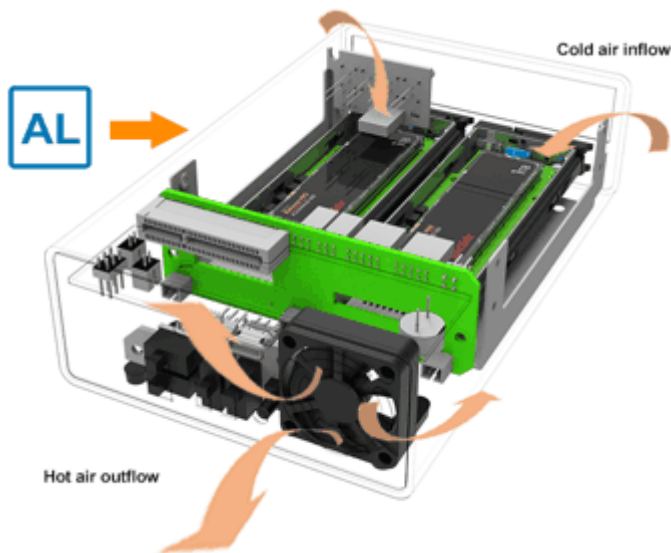
Rugged aluminum housing enhances heat dissipation and ensures stable performance, even under sustained heavy workloads.

Cross-Platform Compatibility

Works with both PC and Mac systems, offering flexibility for professionals across different environments.

Plug-and-Play Drive Management

User-friendly, plug-and-play functionality makes setup and operation simple for users of all experience levels.



High-Efficiency Cooling System

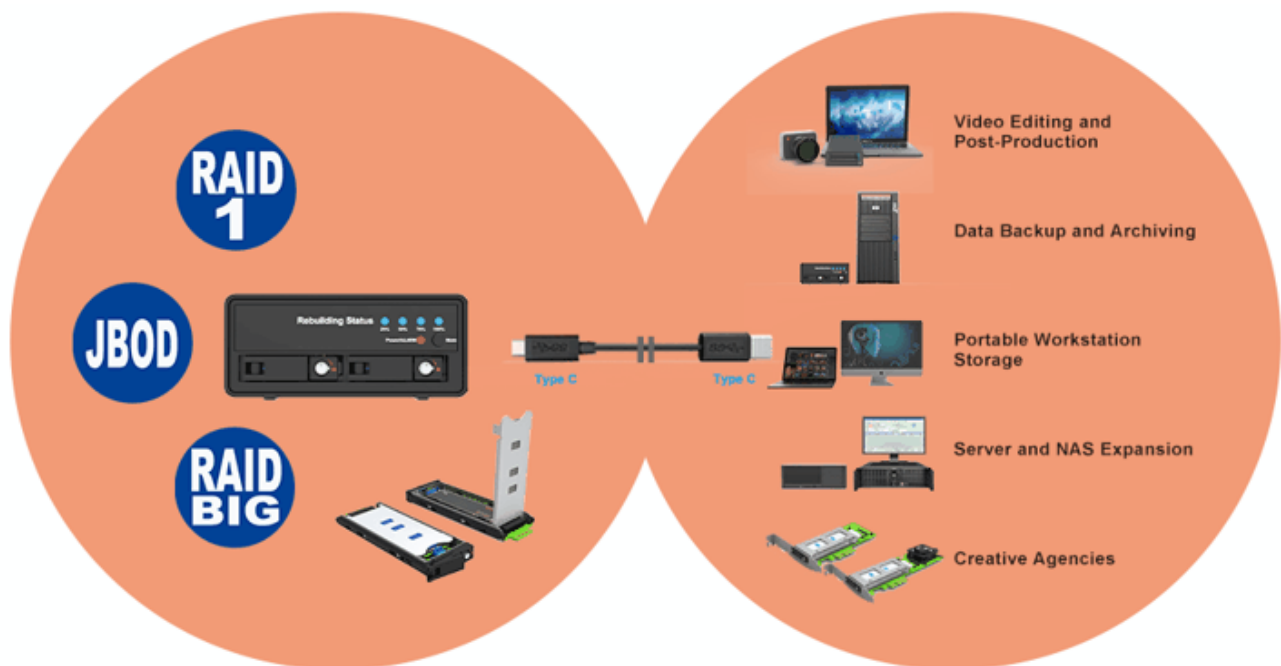
Advanced thermal design with a quiet, efficient fan provides rapid heat dissipation, helping maintain peak SSD performance and extend drive lifespan.

RAIDON StatusGuard GUI

Manage RAID settings and monitor system performance with ease using the Raidon StatusGuard GUI (Windows compatible), offering real-time insights through an intuitive interface.

Unique iOS Data Management

Featuring the exclusive [Raidon Tek Easy Data Vault iOS App](#), the UR2M-B32 allows convenient storage and retrieval of content directly from your iPhone (with Type-C connector), enhancing mobile productivity and flexibility.



Main Features:

- **Type-C 5V/3A Power Connector** Integrated on/off switch to improve energy efficiency
- **Dual M.2 NVMe SSD Support** for lightning-fast access to data-intensive tasks
- **Flexible RAID Configurations choose from RAID-1** (data redundancy), **JBOD** (independent drives) or **BIG** (spanned volume) to adjust your setup to fit your workflow
- **Tool-less hot-swappable SSD tray for safety and reliability, optimized airflow** - replace drives without shutting down the system
- Compatible with USB Type-C and Thunderbolt 3/4 (USB-C) hosts

- **USB 3.2 Gen 2×2 Interface for** transfer speeds up to **20Gb** with the included Type-C cable for productivity
- **Real-Time LED Indicators to** monitor drive status and RAID rebuild progress at a glance
- **Adjustable low-noise fan to** Keep the SSDs cool with quiet, efficient airflow – perfect for focused environments
- **Rugged aluminum construction** for durable, heat-dissipating housing ensures reliability under pressure
- **Compatible with Windows and macOS, with extensive professional compatibility**
- **Plug-and-Play simplicity for** easy setup, no drivers required – ideal for users of any experience level
- **Built-in heat dissipation design maximizes airflow and extends drive life**
- **Support RAIDON StatusGuard GUI for** Windows-compatible software for managing RAID settings and monitoring performance
- Support **iOS Data Management App to** Use the [Raidon Tek Easy Data Vault App](#) to access and store content from your **iPhone with USB-C**, boosting mobile productivity

Applications:

With ultra-fast 20Gb transfer speeds and support for flexible RAID configurations, the UR2M-B32 can handle massive 4K/8K video files. It is for content creators, editors and media professionals, ensuring smooth workflows for editing, rendering and file management. UR2M-B32 is also a solution for secure backup and long-term data storage. It's for IT teams, small businesses, and anyone managing high-value digital assets.

With universal compatibility via USB-C and Thunderbolt 3/4, the UR2M-B32 is a plug-and-play external storage solution for professionals working across multiple devices and locations. In addition, as a smart storage expansion option for small and medium-sized businesses, UR2M-B32 supports hot-swappable SSDs, enabling upgrades or temporary system expansions without downtime.

Whether you're working in AI, ML, or data science, the UR2M-B32 delivers the speed, reliability, and storage adaptability you need to handle demanding workloads – processing large data sets with minimal bottlenecks.



- A. HDD Access Light
- B. HDD Tray Key Lock
- C. HDD Tray
- D. Mute Button
- E. Power/ALARM indicator
- F. Rebuilding Status indicator



- G. USB Type-C for Power Input
(Power input only), DC 5V/3A
- H. USB 3.2 Gen2 Type-C (20Gbps)
- I. Power Switch
- J. RAID Mode Switch
- K. Reset hole
- L. Fan Speed Switch
- M. Fan

Model No	UR2M-B32
Interfaces	USB 3.2 Gen 2x2 Type-C (up to 20 Gbps)
Compatible Drive	2 x M.2 NVMe SSD (2230/2242/2260/2280)
Certification	CE/FCC
Storage Mode	BIG Mode JBOD - Independent Mode RAID 1 - Safe Mode
Operating System Support	Windows 7 or above, OS X 10.10 or above, Linux
Cooling System	3 cm Low noise fan
Electrical and Operating Requirements	<ul style="list-style-type: none"> * Line voltage: 12V + 5V DC * Frequency: 50Hz to 60Hz, single phase * 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% noncondensing
Size and Weight	Height : 41 mm Width : 97 mm Depth : 155.3 mm
Carton	10 pcs per carton
Package Accessories	<ul style="list-style-type: none"> * UR2-B32M x 1 * USB3.2 Type C to Type C Cable x1 (Black) * Type C to Type C Cable x1 (White, Power only) * Tray Unlock Keys * Quick Installation Guide