UR2-B32 Series

Distributor Sales Guide

USB 20Gbps Dual-Bay M.2 NVMe Hardware RAID Storage

Flexible USB-C and USB-A connectivity for professional workflows

RAID 1 · JBOD · BIG | **Front-access trays** | **Rebuild & alarm status**

One RAID platform. Three host-connectivity packages.

UR2-B32 — USB-C | UR2-B32A — USB-A | UR2-BA32 — USB-C + USB-A

POSITIONING

One enclosure platform addresses three buying situations

The sales story is not only speed.

UR2-B32 combines hardware-managed storage modes, front serviceability, visible status, active cooling, and package-level host compatibility.

Distributor takeaway

Lead with the customer’s host connector and storage priority—then select the package and RAID mode.

01 Creative workflows

Large project files, removable NVMe media, visible operating status

02 Professional offices

Local mirrored working storage and rapid project backup

03 Mixed computer fleets

One platform for newer USB-C and legacy USB-A systems

04 Field & mobile teams

Easy Data Vault backs up and restores iPhone/iPad photos and videos over USB-C

MODEL SELECTION

Choose the package by host environment—not by enclosure features

UR2-B32

USB-C workflow

Included black data cable

USB-C → USB-C

Connection expectation

Up to USB 20Gbps*

Best fit

Modern laptops and workstations with a confirmed high-speed USB-C port

UR2-B32A

USB-A workflow

Included black data cable

USB-C → USB-A

Connection expectation

Up to 5Gbps via supplied cable

Best fit

Reliable desktop and workstation systems without USB-C

UR2-BA32

Mixed deployment

Included black data cable

Both data cables

Connection expectation

Host-dependent

Best fit

Studios, resellers, schools, and fleets spanning USB-C and USB-A

Requires a compatible USB 3.2 Gen 2x2 host and USB-C data cable. USB-C describes the connector; it does not guarantee the data rate.

STORAGE MODE

Match the RAID mode to the customer’s real priority

RAID 1

Protect access after one SSD fails

Usable capacity = smaller SSD

Mirrors data across both drives. Preferred for working-storage continuity and on-location ingest.

Single-drive-failure protection

JBOD

Keep two independent volumes

Two separately managed SSDs

Best for separating projects, clients, source/output media, cache files, or operating environments.

Factory-default mode

BIG

Create one combined volume

Combined capacity, no redundancy

Spans both SSDs into a single logical volume when simplicity and total capacity matter most.

Not a redundant mode

RAID 1 improves availability; it does not replace a separate backup for deletion, malware, theft, or enclosure-wide damage.

OPERATIONAL VISIBILITY

Front-panel LEDs and StatusGuard GUI make RAID health visible

Visible from the enclosure

- Disk activity and drive-failure status
- RAID 1 degraded condition
- Rebuild progress at 25% / 50% / 75% / 100%
- Alarm and power status

Why it matters

Fast checks during critical work

Production teams and IT staff can identify degradation, rebuilding, cooling alarms, or insufficient power directly from the unit.

RAIDON StatusGuard GUI

Supported Windows models (UR2-B32A / UR2-BA32) show disk health, RAID status, and rebuild progress in a graphical interface.

Active cooling and dedicated power support sustained NVMe operation

Thermal path

Aluminum chassis + 30mm fan

- Selectable high / low fan-speed control
- Red warning LED and buzzer above 60°C
- Fan-failure warning for early intervention

Power path

Separate USB-C 5V / 3A input

- White USB-C cable is for power only
- Black cable provides the host data connection
- Blue power LED = sufficient input
- Red power LED = do not switch on

Sales message: stable operation and early warning—not an unsupported promise of guaranteed SSD lifespan.

BEST-FIT APPLICATIONS

Four application patterns indicate a strong product fit

01	**Creative project storage**	Active project storage for video, photo, design, and large creative files.
02	**Local RAID 1 redundancy**	Direct-attached RAID 1 storage for workstations requiring local redundancy.
03	**Front-access service**	Front-access storage where drive replacement and rebuild visibility matter.
04	**Mobile backup & mixed hosts**	Easy Data Vault backs up, browses, and restores iPhone/iPad photos and videos over USB-C; UR2-BA32 also serves mixed USB-C/USB-A fleets.

Sales cue: confirm connector, 5V / 3A power, mobile backup needs, and model-specific GUI support.

Five questions prevent the most common mis-selling errors

01	**Which connector is on the host?**	USB-C only, USB-A only, or a mixed fleet determines the package.
02	**What data rate does the host support?**	Look for explicit USB 20Gbps / USB 3.2 Gen 2x2 support before promising maximum speed.
03	**Protection, separation, or capacity?**	RAID 1 = mirrored protection; JBOD = independent volumes; BIG = one spanned volume.
04	**Can the customer provide 5V / 3A power?**	Confirm a stable source for the dedicated USB-C power input.
05	**Mobile backup or GUI monitoring?**	Easy Data Vault: USB-C iPhone/iPad photo/video backup, browse, restore. StatusGuard: Windows RAID, drive and rebuild status on supported models.

Confirm connector, power, iOS USB-C compatibility, and model-specific GUI availability.

TECHNICAL SUMMARY

The core specification is compact and easy to qualify

Product type	Dual-bay external M.2 NVMe hardware RAID enclosure
Host interface	USB Type-C device port; up to USB 20Gbps with compatible host/cable
Supported SSDs	2 × M.2 PCIe NVMe; 2242 / 2260 / 2280
Storage modes	RAID 1 / JBOD / BIG; JBOD default
Cooling & alarms	30mm fan, high/low control, >60°C and fan-failure alerts
Power	Dedicated USB-C input, 5V / 3A; blue/red sufficiency indicator
Host support	Windows 7+, macOS 10.10+, Linux; Thunderbolt hosts connect in USB mode
Mobile / GUI	Easy Data Vault: iOS 16+, USB-C only. StatusGuard: Windows on UR2-B32A / UR2-BA32.

0–40°C; CE/FCC; M.2 SATA unsupported; performance varies. Easy Data Vault requires USB-C (no Lightning).
Sources: STARDOM product pages; Apple App Store (accessed 2026-08-04).

CLAIM GUARDRAILS

Clear claims protect customer trust and distributor credibility

Use

- “Data protection” or “single-drive-failure protection”
- “Up to USB 20Gbps with a compatible Gen 2x2 host”
- “Front-access removable or serviceable SSD trays”
- “Active cooling and early warning”
- “Actual performance varies by system configuration”

Avoid

- Broad “data security” claims without encryption
- RAID 0 unless shipping firmware is reconfirmed
- “Every USB-C or Thunderbolt host delivers 20Gbps”
- “Entirely tool-free SSD installation”
- A fixed 2,500MB/s transfer promise

Required reminder

RAID 1 is not a substitute for a separate backup.

Keep the caveat close to any RAID 1 protection statement.

Sell the fit—not only the speed.

Start with the host. Confirm speed and mode. Add the right mobile or GUI workflow.

1 HOST

USB-C, USB-A, or mixed

2 RATE

Confirm USB 20Gbps support

3 MODE

RAID 1, JBOD, or BIG

UR2-B32 for USB-C | UR2-B32A for USB-A | UR2-BA32 for mixed deployment

EASY DATA VAULT: USB-C iPhone/iPad media backup & restore | STATUSGUARD: Windows RAID / drive / rebuild monitoring

StatusGuard availability varies by model. Easy Data Vault requires iOS 16+ and a USB-C iPhone/iPad.