



ST8R-B32

8-Bay USB-C Dual Hardware RAID Storage

SALES GUIDE

Two RAID Workflows. One Professional DAS.



The sales proposition

8 drive bays

Two independent 4-drive hardware RAID groups

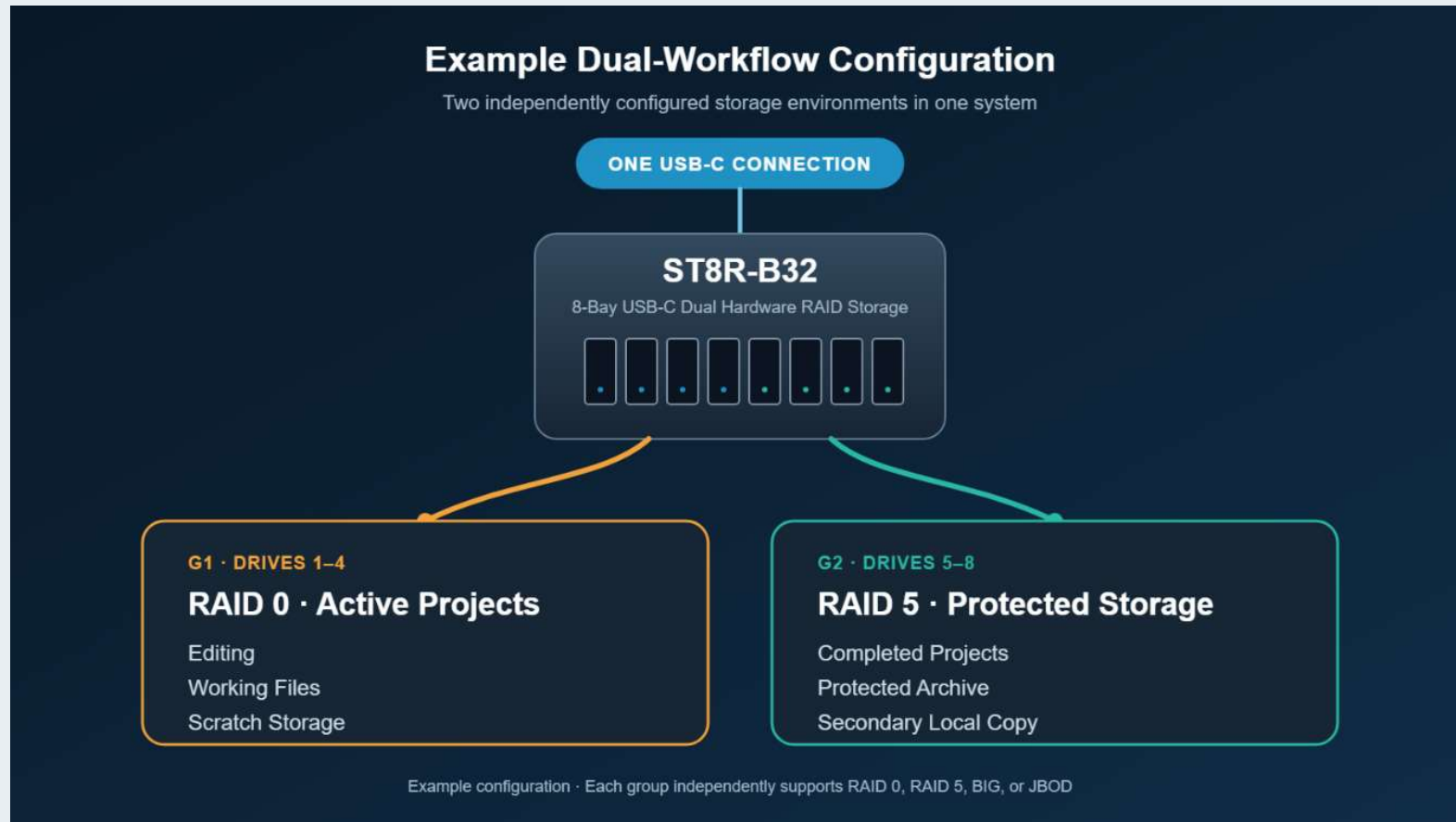
One USB-C host connection

Up to 240TB total raw capacity



Sell workflow separation: an active workspace and protected storage can use different RAID modes.

Two independent RAID groups



Why customers choose ST8R-B32

Independent workflows

Configure G1 and G2 separately as RAID 0, RAID 5, BIG, or JBOD.

One integrated system

Two RAID environments share one enclosure, one power supply, and one host connection.

Operational visibility

Monitor both controllers through one Windows GUI utility.

Flexible media

Use HDDs or qualified 2.5-inch SATA SSDs across eight lockable trays.

RAID mode selection

Mode	Primary use	Important point
RAID 0	Active editing and scratch space	No drive fault tolerance
RAID 5	Protected project storage	Survives one drive failure per group
BIG	One large volume per group	Capacity focus
JBOD	Individual disk access	Each drive appears independently

RAID is not a substitute for a separate backup.

Video and photography workflows

Video editing

G1 RAID 0 for active projects. G2 RAID 5 for protected project files.

Photography archive

G1 BIG for a media library. G2 RAID 5 for protected archive.

Mixed media

G1 can hold SSDs while G2 uses HDDs, with matched drives recommended within each group.

Backup and mobile workflows

Two local RAID 5 groups

G1 and G2 can hold separately managed local copies. Maintain another backup on a separate device or location.

Mobile media backup

Easy Data Vault can back up photos and videos from compatible USB-C iPhone and iPad devices.

Multi-stage work

Use G1 RAID 0 or BIG for working data and G2 RAID 5 for completed data.

One system vs. two 4-bay systems

	Two 4-bay DAS	ST8R-B32
Enclosures	2	1
Power supplies	2	1
Host connections	Typically 2	1
RAID environments	2	2
Windows monitoring	Two devices	One utility for both controllers

Customer fit: simpler physical setup with two independent RAID workflows.

Qualification and objections

“Can it make one 8-drive RAID 5 array?”

No. Drives 1–4 and 5–8 form two separate hardware RAID groups.

“Does each group get 20Gb/s?”

No. Up to 20Gb/s is shared aggregate USB 3.2 Gen 2x2 interface bandwidth.

“Does RAID 5 replace backup?”

No. It protects against one drive failure within a group; keep a separate backup.

“Will every USB-C host run at 20Gb/s?”

The host and cable must support the mode. Otherwise it negotiates a lower USB speed.

Operational features

Status monitoring

LEDs indicate access, rebuild, failure, and rebuild progress at 25%, 50%, 75%, and 100%.

Cooling and alerts

Each group has an 80mm High/Low fan and buzzer switch; a separate 40mm fan cools the power supply.

Drive handling

Hot-swappable lockable trays support 3.5-inch and 2.5-inch SATA HDDs or SSDs.

Windows utility

Shows drive status, system temperature, fans, alerts, and rebuild progress for both controllers.

Specifications and fit

Host	USB 3.2 Gen 2x2 Type-C, up to 20Gb/s aggregate
Drives	8 × 3.5-inch or 2.5-inch SATA HDD/SSD, up to 30TB per drive
RAID	Two independent 4-drive groups; RAID 0 / 5 / BIG / JBOD per group
Capacity	Up to 240TB raw; usable capacity varies by configuration
Power and size	Built-in 250W PSU; 295 × 140 × 280 mm
Platform	Storage access on Windows, macOS, and Linux

Best fit: customers who need two separately configured storage workflows in one DAS.

Market positioning and channel message

Target customers

Video studios, post-production teams, and media asset managers.

Primary purchase reason

Consolidate two 4-bay RAID systems into one 8-bay unit with two independent RAID groups.

Recommended configurations

RAID 0 plus RAID 5 for editing and protected storage, or dual RAID 5 for separately managed copies.

Portfolio role

ST4R-B32 serves entry dual workflows; ST8R-B32 serves higher-capacity RAID 5 workflows.

Internal distributor positioning in supplied brief: ST8R-B32 USD 499; ST4R-B32 USD 195.