

DISTRIBUTOR SALES GUIDE

iT5440

4-Bay 2.5-Inch SATA JBOD Module

**Four drives. One 5.25-inch bay.
No chassis redesign.**

4 × 2.5-Inch SATA Drives

4 Independent SATA Paths

Front-Access
Service

WHY IT SELLS

**High-Density Expansion.
Independent Drive control. Faster service.**



Turn one legacy bay into four serviceable drives

A distributor story built around more capacity, direct control, and easier maintenance.

More capacity. Direct control. Faster service.

01

Expand without redesign

Use the existing 5.25-inch bay to add four front-accessible SATA drives.

02

Keep every drive independent

Give the OS direct visibility for independent use or host-managed RAID.

03

Simplify field service

Use lockable trays, status LEDs, alerts, and active cooling to streamline maintenance.

THE REPEATABLE LINE

One bay. Four direct SATA drives. Less integration friction.

Six customer needs. One compact answer.

Connect each customer priority to a clear product advantage.

CUSTOMER PRIORITY	WHY IT MATTERS	THE iT5440 ANSWER
More storage, same footprint	Grow capacity without a larger chassis.	Four 2.5-inch drives in one 5.25-inch bay.
Predictable drive access	Maintain a dedicated path per drive.	Four independent SATA 6Gb/s links.
Proactive monitoring	Spot cooling issues early.	MCU alerts for fan failure and high temperature.
Fast field replacement	Service drives from the front.	Lockable, hot-swap-ready trays (host dependent).
Clean integration	Reduce assembly complexity.	One 4-bay module simplifies assembly and cabling.
Stable operation	Support continuous operation.	Full-metal chassis with active cooling.

BEST FIT | Compact systems needing internal direct-access JBOD—not external storage or onboard RAID.

Sell the outcome first. Prove it with six advantages.

Lead with business value, then support it with credible engineering detail.

1 Add four drives without redesign

Four 2.5-inch SATA drives fit in one 5.25-inch bay for compact IPC, edge, and server systems.

2 Preserve direct host control

Dedicated SATA 6Gb/s paths avoid shared module-side bandwidth.

3 Keep each drive visible

Direct OS-level JBOD supports independent use or host-managed workflows.

4 Cut drive-service effort

Front access and key locks simplify replacement and help prevent unintended removal.

5 Catch thermal issues early

MCU monitoring delivers fan and temperature alerts through LEDs and a buzzer.

6 Check status at a glance

Front-panel LEDs show drive access and activity clearly.

Position iT5440 as a serviceable internal JBOD module—not a commodity mobile rack.

Expand storage without consuming PCIe

Reuse bay space and host SATA ports while keeping expansion slots available.

USE EXISTING SPACE

Add four drives without changing the chassis layout.

CONNECT DIRECTLY

Give every drive its own SATA 6Gb/s host connection.

PRESERVE EXPANSION

Keep PCIe slots free for other system functions.



RESULT | Four independently detected drives—with PCIe capacity left untouched.

Designed to reduce service effort

Four maintenance-focused features help technicians diagnose and act faster.

01

Swap drives from the front

Lockable, hot-swap-ready trays support service without opening the system.

02

See drive activity instantly

Front LEDs show access and activity status at a glance.

03

Support stable airflow

Metal construction, spaced drives, secure trays, and a 40 mm fan support cooling.

04

Catch fan and thermal events

MCU monitoring triggers LED and buzzer alerts for temperature or fan failures.

THE SERVICE PAYOFF

Less service effort. Faster diagnosis. Easier maintenance.

Spot a strong-fit opportunity in six questions

Use a short discovery sequence to qualify demand quickly.

ASK THE CUSTOMER

- Is an unused 5.25-inch bay available?
- Is compact JBOD needed without onboard RAID?
- Are PCIe slots reserved for other functions?
- Is front-access drive service important?
- Are LED and buzzer alerts required?
- Is the target an IPC, NVR, edge, embedded, or compact-server platform?

BUYING SIGNAL

2+

YES ANSWERS SIGNAL A STRONG FIT

BEST OPPORTUNITY

Compact systems needing four direct-access SATA drives, front serviceability, and no onboard RAID module.

Answer objections with clarity—and lead with value

Give sales teams short, credible responses they can use immediately.

POSITIONING

“How should we position iT5440?”

As a serviceable internal JBOD module—not a commodity mobile rack.

JBOD

“Is JBOD one large volume?”

No. The host sees four independent drives and must create any combined volume.

RAID

“Does iT5440 support RAID?”

No onboard RAID. It exposes four independent drives; host or software RAID may be used when supported.

COMPATIBILITY

“Will it work with any SATA port?”

It needs four host SATA ports—one per drive—and no port multiplication. Hot-swap depends on host support.

LEAD WITH VALUE | Compact integration. Direct control. Easier maintenance.

Give distributors a message they can repeat

Use concise language across calls, emails, product pages, and channel training.

15-SECOND PITCH

“Add four front-accessible 2.5-inch SATA drives in one 5.25-inch bay—with direct SATA control and no chassis redesign.”

30-SECOND PITCH

“For independent drive management, iT5440 combines four direct SATA paths, lockable hot-swap-ready trays, active cooling, and MCU-based LED and buzzer alerts for compact systems.”

CLOSING MESSAGE



SCAN FOR PRODUCT DETAILS

<https://www.raidon.com.tw/product.php?id=370>

One bay. Four drives. Direct control.

BEST FOR | IPC • NVR • EDGE • EMBEDDED • COMPACT SERVERS • WORKSTATIONS