

## 4 Drive 2.5in Removable SAS SATA Mobile Rack Backplane

**Product ID:** SATSASBAY425



The SATSASBAY425 Removable SAS and SATA Backplane/Mobile Rack offers a convenient and efficient way to maximize the storage density of your PC or Server when drive bay space is limited.

The backplane can house up to four 2.5" SAS or SATA removable hard drives (HDD) or solid state drives (SSD) (9.5mm, 12.5mm, or 14.8mm thick) in a single 5.25in drive bay, while supporting high speed data transfer rates up to 6 Gbps - a compact, RAID-compatible storage solution.

To maximize performance and utilize the full speed potential of your SATA III hard drives, this HDD Backplane supports SATA III for transfer speeds up to 6 Gbps when paired with a compatible controller.

To help dissipate operating heat, the SAS/SATA backplane features a sturdy aluminum casing that also helps to protect drives and valuable data from in-transit damage.

## Certifications, Reports and Compatibility

### Applications

- Add additional hot-swap bays to a server or workstation computer
- Replace or upgrade old IDE or SATA-only backplane with a SAS/SATA backplane
- System builders who need to image many 2.5" drives simultaneously and quickly
- Environments where drives need to be replaced/removed regularly, without external protection for the drives required after removal
- Be able to replace/remove individual drives from a storage array with minimal or no system down time

## Features

- Holds up to four 2.5" SATA/SAS drives across one 5.25" bays
- Dual 40mm cooling fans
- Durable, vented aluminum construction
- 25,000+ insertion rating
- Power/Activity LED for each drive
- Fully supports SAS revision I/II (3.0/6.0 Gbps)
- Support for SATA revision I/II/III (1.5/3.0/6.0 Gbps)
- Supports 2.5" form factor hard drives (HDD) and solid state drives (SSD) up to 14.8mm in height
- Plug-and-Play and Hot-Swap compatible

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### Hardware

Warranty	2 Years
Fan(s)	Yes
Fans	40 mm
Number of Drives	4
Drive Size	2.5in
Compatible Drive Types	SAS & SATA
Fan Bearing Type	Sleeve Bearing

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### Performance

Air Flow Rate	7.81 CFM
Noise Level	29.07 dBA
Hot Swap Capability	Yes
Insertion Rating	25, 000 Cycles
MTBF	20,000 Hours

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### Connector(s)

Drive Connectors	SATA Data & Power Combo (7+15 pin)
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Host Connectors	LP4 (4 pin; Large Drive Power)
	SATA (7 pin, Data)

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#### Indicators

LED Indicators	Green (Solid - Power, Blinking - Activity)
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#### Environmental

Operating Temperature	-10C to 70C (14F to 158F)
Storage Temperature	-20C to 75C (-4F to 167F)
Humidity	5~90% RH

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#### Physical Characteristics

Color	Black
Material	Aluminum
Max Drive Height	0.6 in [15 mm]
Product Length	6.9 in [17.5 cm]
Product Width	5.7 in [14.6 cm]
Product Height	1.7 in [42 mm]
Weight of Product	27.9 oz [790 g]

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#### Packaging Information

Package Length	9.4 in [23.8 cm]
Package Width	2.6 in [67 mm]
Package Height	6.7 in [17.1 cm]
Shipping (Package) Weight	2.4 lb [1.1 kg]

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#### What's in the Box

Included in Package	4 Drive Backplane
	24in SATA cables
	Screw Kit



Instruction Manual

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***\*Product appearance and specifications are subject to change without notice.***

