

## Mini SAS SFF-8087 to 4x 2.5in SATA/SAS 5.25in Hot Swap Backplane

**Product ID:** SATSAS425BK



The SATSAS425BK 4-Drive 2.5in SATA/SAS Hot-swap Backplane lets you install four 2.5" SATA and/or SAS hard drives into a single 5.25in front bay. Using a single Mini SAS SFF-8087 interface for quick setup and easy maintenance and with removable trays, each drive can be replaced or swapped out without having to open up the computer chassis.

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.

Each removable tray features a locking mechanism that prevents unauthorized removal of the drives, and also power and activity LEDs. Constructed from lightweight and durable aluminum to help with heat dissipation, the backplane also features a 40mm cooling fan to help increase air flow.

## Certifications, Reports and Compatibility

### Applications

- Add up to 4 SATA/SAS hard drives to small form factor systems with a limited number of hard drive bays
- Add convenient removable storage for backups or RAID storage systems
- Maximize hard drive density in a system by adding 4 hard drives for each 5.25in bay
- Build a small, power-efficient storage array with low-powered 2.5in drives

### Features

- Hold up to four 2.5in SATA/SAS drives

- Entire unit fits into a single 5.25in front panel bay
- Supports 2.5" form factor hard drives (HDD) and solid state drives (SSD) up to 15mm in height
- Flammability rating of UL 94 V-0
- A single SFF-8087 interface to connect all 4 drives
- Removable and lockable hard drive trays
- 40mm cooling fan
- Power/Activity LED for each hard drive bay
- Fully supports SAS revision I/II (3.0/6.0 Gbps) hard drives and controllers
- Support for SATA revision I/II/III (1.5/3.0/6.0 Gbps)
- Durable aluminum construction with air vents

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#### Hardware

Warranty	2 Years
Front Door Key Lock	Yes
Fan(s)	Yes
Fans	40 mm
Regulatory Approvals	UL94 V-0 Rated
Number of Drives	4
Drive Size	2.5in
Compatible Drive Types	SAS & SATA
Drive Installation	Fixed
Number of 2.5 inch bays	4

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#### Performance

Hardware Raid Supported	No
Hot Swap Capability	Yes
Insertion Rating	3, 000 cycles
Temperature Alarm	No



<b>Connector(s)</b>		
Drive Connectors	SFF-8482 (29 pin, Data & Power, Internal SAS)	
Host Connectors	LP4 (4 pin; Large Drive Power)	
	SFF-8087 (36 Pin, Internal Mini-SAS)	
<b>Software</b>		
OS Compatibility	OS independent; No software or drivers required	
<b>Special Notes / Requirements</b>		
System and Cable Requirements	Available 5.25in front expansion bay , SFF-8087 Mini SAS Cable	
Note	SATA drives can be used on both SATA or SAS controllers, but SASdrives can only be used on SAS controllers	
<b>Indicators</b>		
LED Indicators	HDD Power/Activity	
<b>Environmental</b>		
Operating Temperature	5C to 80C (41F to 176F)	
Storage Temperature	-40C to 70C (-40F to 158F)	
Humidity	8% ~ 90% RH	
<b>Physical Characteristics</b>		
Color	Black	
Material	Aluminum and Plastic	
Max Drive Height	0.6 in [15 mm]	
Product Length	6.1 in [15.6 cm]	
Product Width	5.7 in [14.5 cm]	
Product Height	1.7 in [42 mm]	
Weight of Product	20.4 oz [577 g]	
<b>Packaging Information</b>		



Package Quantity	1
Package Length	8.6 in [21.8 cm]
Package Width	6.8 in [17.2 cm]
Package Height	2.0 in [52 mm]
Shipping (Package) Weight	25.0 oz [707 g]

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**What's in the Box**

Included in Package	5.25in SATA/SAS Backplane
	6in LP4 Molex to SATA Power Cable
	Set of keys
	Package of mounting screws
	Instruction Manual

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

