

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

StarTech 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.

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.

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 1/2 (3.0/6.0 Gbps) hard drives and controllers
- Fully supports SATA revision 1/2/3 (1.5/3.0/6.0 Gbps) hard drives and controllers
- Durable aluminum construction with air vents

Technical Specifications

Warranty	2 Years
Key Lock	Yes
Regulatory Approvals	UL94 V-0 Rated
Number of Drives	4
Drive Size	2.5in
Drive Type	SAS & SATA
Drive Installation	Fixed
Number of 2.5 inch bays	4
Fan(s)	Yes
Fans	1 - 40 mm
Drive Connectors	4 - SFF-8482 (29 pin; Data & Power; Internal SAS) Receptacle
Host Connectors	1 - LP4 (4 pin; Molex Large Drive Power) Male
Host Connectors	1 - SFF-8087 (36 Pin; Internal Mini-SAS) Receptacle
RAID	No
Hot Swap Capability	Yes
Insertion Rating	3,000 cycles
Temperature Alarm	No
Color	Black
Enclosure Type	Aluminum and Plastic
Max Drive Height	0.6 in [15 mm]
Product Length	6.1 in [156 mm]
Product Width	5.7 in [145 mm]
Product Height	1.7 in [42 mm]
Product Weight	20.4 oz [577 g]
LED Indicators	4 - HDD Power/Activity
Operating Temperature	5°C to 80°C (41°F to 176°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Humidity	8% ~ 90% RH
Note	SATA drives can be used on both SATA or SAS controllers, but SAS drives can only be used on SAS controllers
System and Cable Requirements	Available 5.25in front expansion bay SFF-8087 Mini SAS Cable
Package Quantity	1
Shipping (Package) Weight	25 oz [707 g]

Included in Package	1 - 5.25in SATA/SAS Backplane
Included in Package	1 - 6in LP4 Molex to SATA Power Cable
Included in Package	1 - Set of keys
Included in Package	1 - Package of mounting screws
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

