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Data Sheet

4-Bay Mobile Rack Backplane for 2.5in SATA/SAS Drives

Product ID: SATSASBP425



Now it’s easy to drive share and enhance the storage capabilities of your server or PC. This mobile rack backplane lets you install four 2.5in SATA or SAS solid-state or hard disk drives into a single 5.25in bay and quickly hot swap them between systems. It’s ideal for systems integrators and administrators who are looking for flexible management of their data storage.

Designed for durability and trouble-free use

The mobile rack backplane is engineered to protect your valuable data and provide reliable performance. The aluminum housing is designed for enhanced heat dissipation, while two 40mm fans improve air flow to minimize heat build-up and ensure optimum operating temperature.

The backplane can be mounted either vertically or horizontally, for error-free tray insertion and maximum compatibility with servers or desktop computers. You can lock the removable steel trays in place, providing an enhanced level of drive protection. The Non-Scratch SATA (NSS) connector provides a high 50,000+ insertion rating, your assurance of long-lasting performance of both the drives and the bay.



Convenient, interchangeable drive trays

Many fast-paced work environments require drives to be removed regularly. Hot swap between systems quickly, without shutting down, with the convenient backplane.

The included drive trays are interchangeable, working with both the 4-bay backplane and the single-bay backplane (SATSASBP125) so you can hot swap between systems for easy file access.



Compatible with a wide range of drives

Designed for versatile use, the backplane supports an extensive range of both SATA or SAS based HDDs and SSDs, from 5 to 15mm in height.

To maximize the performance of your drives, the mobile rack supports SAS II and SATA III performance for transfer speeds up to 6 Gbps when paired with a compatible controller. The backplane also works with your preferred RAID controller or Hyper Duo™ controller to produce a high-performance or redundant storage solution.

The SATSASBP425 backplane is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

RoHS Compliant Available

Applications

- Systems integrators and administrators looking for flexible storage management
- Build your incremental or off-site storage back-up plan by attaching hot-swappable drives to your server or computer
- Fast-paced work environments where drives need to be replaced or removed regularly

Features

- Build your storage system by adding four 2.5in SAS or SATA drives into one 5.25in bay
- Supports a wide range of SSDs and HDDs from 5-15mm
- Easy, error free insertion of tray with vertically or horizontally mounted backplane
- Lockable, removable trays provide drive protection
- NSS connector provides 50,000+ insertion rating for long-lasting performance
- Interchangeable drive trays also work with the 1-bay backplane (SATSASBP125)
- High-quality metal housing provides enhanced heat dissipation
- Two 40mm fans to optimize ventilation
- Flammability rating of UL 94 V-O
- Support for SAS II and SATA I, II and III with file transfer speeds of up to 6Gbps
- Works with your RAID or HyperDuo controller

	Warranty	2 Years
Hardware	Compatible Drive Types	SAS & SATA
	Drive Installation	Removable
	Drive Size	2.5in
	Fan Bearing Type	Sleeve Bearing
	Fan(s)	Yes
	Fans	2 - 40 mm
	Front Door Key Lock	Yes
	Interface	SATA
		SAS
	Number of 2.5 inch bays	4
	Number of Drives	4
	Supported Drive Height(s)	5mm
		9.5mm
		12.5mm
		15mm
Performance	Hot Swap Capability	Yes
	Insertion Rating	50,000
	Max Drive Capacity	Tested with hard drives up to 2TB at 7200 RPM
	Maximum Data Transfer Rate	6 Gbps
	MTBF	30,000
	Noise Level	20 dBA
	Port Multiplier	No
	Type and Rate	SATA III (6 Gbps)
Connector(s)	Drive Connectors	4 - SATA Data & Power Combo (7+15 pin) Receptacle
	Host Connectors	4 - SATA (7 pin, Data) Receptacle
	Other Interface(s)	1 - LP4 (4 pin; Molex-type Large Drive Power) Female
Software	OS Compatibility	OS independent; No software or drivers required
Special Notes / Requirements	**Note**	Flammability rating: UL94 - V0
Indicators	LED Indicators	4 - Drive power and activity LED
		1 - Fan activity

Environmental	Humidity	5%~65% RH
	Operating Temperature	0°C to 55°C (23°F to 95°F)
	Storage Temperature	-20°C to 55°C (-4°F to 131°F)
Physical Characteristics	Color	Black
	Enclosure Type	Aluminum and Steel
	Max Drive Height	0.6 in [15 mm]
	Product Height	1.7 in [42 mm]
	Product Length	6 in [151.5 mm]
	Product Weight	26.8 oz [760 g]
	Product Width	5.7 in [146 mm]
Packaging Information	Shipping (Package) Weight	2.3 lb [1 kg]
What's in the Box	Included in Package	1 - 4-bay SATA/SAS hard drive backplane
		2 - drive tray keys
		4 - 2.5" drive trays
		4 - 18" SATA data cables
		2 - SATA to Molex power adapters
		16 - drive mounting screws
		8 - backplane mounting screws
		1 - quick start guide

Product appearance and specifications are subject to change without notice.