Mobile Rack Backplane for 2.5in SATA/SAS Drive

Product ID: SATSASBP125

Now it's easy to increase the storage capabilities of your server or PC while protecting data integrity. This one-bay mobile rack backplane lets you install and easily remove a 2.5in SAS or SATA HDD or SDD in a 3.5in external expansion bay on your desktop PC or server. It's ideal for system integrators and administrators looking for flexible management of data storage.

The backplane provides an easy, convenient way to install and swap drives between desktops or servers. It supports both SAS and SATA 2.5in drives ranging from 5 to 15mm in height. To maximize the performance of your hard drives, the mobile rack supports SAS II and SATA III for transfer speeds up to 6 Gbps when paired with a compatible controller.

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 tray 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 drive and the bay.
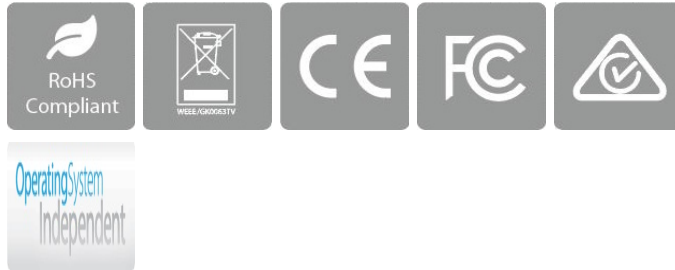
Many fast-paced work environments require drives to be removed regularly. This convenient backplane lets you hot swap between systems quickly, without shutting down.

The included drive tray is interchangeable, working with both the single-bay backplane and the 4-bay backplane (SATSASBP425) so you can hot swap between systems for easy file access.

Engineered with high-quality metal, the robust metal housing delivers reliable performance. The venting helps to ensure proper air flow to assist with heat dissipation.

The SATSASBP125 single-bay backplane is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

• System integrators and administrators looking for flexible management of their storage

• Build your incremental or off-site storage back-up plan by attaching hot swappable hard drives to your server or computer

• Fast-paced work environments where drives need to be replaced or removed regularly

Features

• Hot swap drives between systems with this single 2.5in SAS/SATA drive backplane

• Supports a wide range of SSDs and HDDs from 5-15 mm

• Easy, error-free tray insertion with this vertically or horizontally-mounted backplane

• Lockable, removable tray provides drive protection

• NSS connector provides 50,000+ insertion rating for long-lasting performance

• Interchangeable drive tray also works with the 4-bay backplane (SATSASBP425)

• High-quality vented metal enclosure provides enhanced heat dissipation

• Support for SAS II and SATA I, II and III with file transfer speeds of up to 6 Gbps

• Works with your RAID or hyper duo controller

Hardware		
	Warranty	2 Years
	Front Door Key Lock	Yes
	Interface	SATA
		SAS
	Number of Drives	1

Drive Size	2.5in	
Compatible Drive Types	SAS & SATA	
Drive Installation	Removable	
Number of 2.5 inch bays	1	
Supported Drive Height(s)	5mm	
	9.5mm	
	12.5mm	
	15mm	

Performance

Noise Level	20 bBA	
Maximum Data Transfer Rate	6 Gbps	
Type and Rate	SATA III (6 Gbps)	
Port Multiplier	No	
Max Drive Capacity	Tested with hard drives up to 2TB at 7200 RPM	
Hot Swap Capability	Yes	
Insertion Rating	50,000	

Connector(s)

Drive Connectors	1 - SATA Data & Power Combo (7+15 pin)	
Host Connectors	1 - SATA Data & Power Combo (7+15 pin)	

Software

OS Compatibility	OS independent; No software or drivers required	

Special Notes / Requirements

Note	Flammability rating: UL94 - V0	

Indicators

LED Indicators	1 - Drive power and activity	

Environmental

Operating Temperature	-20C to 70C (-4F to 158F)
Storage Temperature	-40C to 85C (-40F to 185F)
Humidity	0% to 95% (non-condensing) at 25C

Physical Characteristics

Color	Black & Silver
Material	Aluminum and Steel
Max Drive Height	0.6 in [15 mm]
Product Length	5.6 in [14.1 cm]
Product Width	4.0 in [10.1 cm]
Product Height	1.0 in [2.5 cm]
Weight of Product	15.5 oz [440.0 g]

Packaging Information

Package Quantity	1
Package Length	7.6 in [19.4 cm]
Package Width	6.2 in [15.8 cm]
Package Height	1.8 in [4.6 cm]
Shipping (Package) Weight	1.2 lb [0.6 kg]

What's in the Box

Included in Package	1 - 1-Bay 2.5in SATA/SAS Hard Drive Backplane
	2 - Drive bay keys
	1 - 2.5" HDD/SSD Drive Tray
	1 - SATA cable
	1 - Drive mounting screw kit
	1 - Backplane mounting screw kit
	1 - Quick install guide