Mobile Rack Backplane for 2.5in SATA/SAS Drive

StarTech 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.

Easy compatibility

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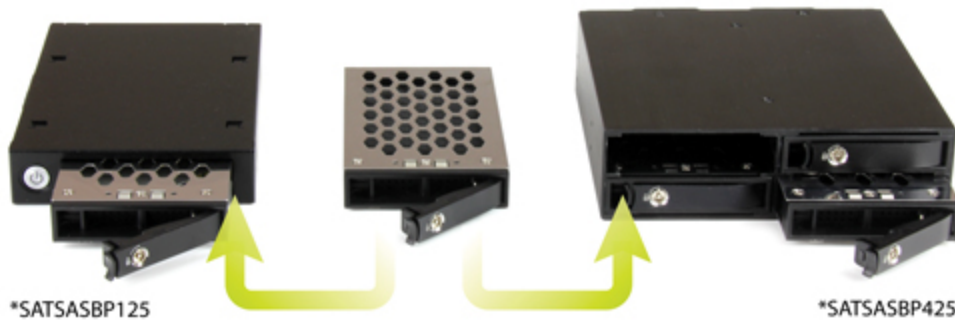
The backplane can be mounted either vertically or horizontally, for error-free tray insertion and maximum compatibility with servers or desktop computers.You can lock the removable steel tray in place, providing an enhanced level of drive protection. The Non-Scratch SATA (NSS) connector provides a high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

Convenient, interchangeable drive trays

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

*SATSASBP125   *SATSASBP425

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.

Vented metal design for durability

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 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.

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

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

Technical Specifications

Warranty	2 Years
Compatible Drive Types (Type and Rate)	SAS & SATA
Drive Installation	Removable
Drive Size	2.5in
Interface	SATA
Interface	SAS
Key Lock	Yes
Number of 2.5 inch bays	1
Number of Drives	1
Supported Drive Height(s)	5mm
Supported Drive Height(s)	9.5mm
Supported Drive Height(s)	12.5mm
Supported Drive Height(s)	15mm
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
Noise Level	20 bBA
Port Multiplier	No
Type and Rate	SATA III (6 Gbps)
Drive Connectors	1 - SATA Data & Power Combo (7+15 pin) Receptacle
Host Connectors	1 - SATA Data & Power Combo (7+15 pin) Receptacle
Note	Flammability rating: UL94 - V0
Color	Black & Silver
Enclosure Type	Aluminum and Steel
Max Drive Height	0.6 in [15 mm]
Product Height	1 in [25 mm]
Product Length	5.6 in [141 mm]
Product Weight	15.4 oz [435 g]
Product Width	4 in [101 mm]
LED Indicators	1 - Drive power and activity
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)
Shipping (Package) Weight	19.3 oz [548 g]
Included in Package	1 - 1-Bay 2.5in SATA/SAS Hard Drive Backplane
Included in Package	2 - Drive bay keys
Included in Package	1 - 2.5" HDD/SSD Drive Tray
Included in Package	1 - SATA cable
Included in Package	1 - Drive mounting screw kit
Included in Package	1 - Backplane mounting screw kit
Included in Package	1 - Quick install guide

Certifications, Reports and Compatibility

RoHS Compliant
Available

CE

FC