

5.25in Trayless Hot Swap Mobile Rack for 3.5in Hard Drive

StarTech ID: HSB100SATBK



This 3.5in SATA hard drive hot-swap bay allows you to install a 3.5in SATA drive in an available/unused 5.25in drive bay. To remove the drive, it's as simple as opening the front panel door; to re-insert a drive, simply insert the drive (connector first) until the door closes.

The hot swap bay offers a trayless design that makes it the ideal solution for quick and easy drive removals and insertions as part of a system building process, or integration into rackmount systems or industrial environments.

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.

Also a perfect addition for operating system image deployment and any task that requires being able to quickly access large volumes of data on the fly, the hot swap bay provides everything you need to expedite important projects while maintaining a reliable storage solution.

With support for SATA HDD speeds up to 6.0 Gbps, the mobile rack/backplane is fully compatible with RAID installations to ensure maximum performance and versatility for enhanced storage applications.

Designed to provide a durable and reliable operating experience, the mobile rack features a 50,000+ insertion rating and is backed by StarTech.com's 2-year warranty.

Applications

- Add additional hot-swap bays to a server or workstation computer
- Replace or upgrade old IDE backplane with a SATA backplane
- System builders who need to image drives quickly and efficiently
- Environments where drives need to be replaced/removed regularly, without external protection for the drives required after removal
- Be able to replace/remove individual drives from a storage array with minimal or no system down time

Features

- Holds a 3.5" SATA drive in a front accessible 5.25" bay
- Trayless design: drives are not mounted into separate trays/enclosures
- Lockable drive bay
- Internal rubber shock absorbers
- 50,000+ insertion rating
- Power and Activity LED indicator
- Support for SATA revision I/II/III (1.5/3.0/6.0 Gbps)
- Supports 3.5" form factor SATA hard drives
- Plug-and-Play and Hot-Swap compatible

Technical Specifications

Warranty	2 Years
Key Lock	Yes
Number of Drives	1
Drive Size	3.5in
Compatible Drive Types (Type and Rate)	SATA
Drive Connectors	1 - SATA (7 pin; Data) Receptacle
Drive Connectors	1 - SATA Power (15 pin) Receptacle
Host Connectors	1 - SATA (7 pin; Data) Plug
Host Connectors	1 - SATA Power (15 pin) Plug
Hot Swap Capability	Yes
Insertion Rating	50,000+ Cycles
Temperature Alarm	No
OS Compatibility	OS independent; No software or drivers required
Color	Black
Enclosure Type	Aluminum and Plastic
Product Length	7.2 in [184 mm]
Product Width	5.9 in [149 mm]
Product Height	1.7 in [42 mm]
Product Weight	10.8 oz [305 g]
LED Indicators	1 - Drive Power/Activity
Operating Temperature	0°C to 50°C (32°F to 122°F)
Humidity	Operating - 5~85% RH Non-condensing Storage - 5~95%
Shipping (Package) Weight	1 lb [0.4 kg]
Included in Package	1 - 5.25" Tray-Less SATA Hot-Swap Bay
Included in Package	2 - Key
Included in Package	1 - Screw Kit
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility



Operating System
Independent

 **RoHS Compliant**
Available