

4 Drive 3.5in Trayless Hot Swap SATA Mobile Rack Backplane

StarTech ID: HSB430SATBK



This 4 Bay SATA Mobile Rack lets you swap between 3.5in Serial ATA (SATA, SATA II, SATA III-6Gbps) hard drives in seconds.

A time saving storage solution, the mobile rack offers four trayless SATA hard drive bays, allowing you to hot swap Serial ATA hard drives but avoid having to mount the drives to trays for deployment or unfasten them for replacement.

Supporting up to four hard drives, the mobile SATA hot swap rack only takes up three 5.25in drive bays inside a host computer - maximizing space-efficiency within the computer. 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.

Using Terabyte hard drives? Don't expose your Hard Drive and valuable data to unnecessary heat!

The HSB430SATBK has two built-in 40mm fans that re-distribute the heat build-up generated as a result of typical drive operation. This feature is especially important for larger volume storage drives, and faster "spinning" drives (i.e. 7200 RPM), as it can help optimize drive operability and in turn preserve stored data integrity.

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 many drives simultaneously and quickly
- 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 up to four SATA drives across three 5.25" bays
- Trayless design: drives are not mounted into separate trays/enclosures
- Internal rubber shock absorbers
- Solid aluminum construction
- 10,000+ insertion rating
- Power and Activity LEDs for each drive
- Fully supports SATA revision 1/2/3 (1.5/3.0/6.0 Gbps) drives and controllers
- Supports 3.5" form factor SATA hard drives
- Plug-and-Play and Hot-Swap compatible

Technical Specifications

Warranty	2 Years
Number of Drives	4
Drive Size	3.5in
Drive Type	SATA
Fans	2 - 40 mm
Drive Connectors	4 - SATA (7 pin; Data) Receptacle
Drive Connectors	4 - SATA Power (15 pin) Receptacle
Host Connectors	4 - SATA (7 pin; Data) Plug
Host Connectors	4 - SATA Power (15 pin) Plug
Hot Swap Capability	Yes
Insertion Rating	10, 000+ Cycles
Noise Level	24 dBA
OS Compatibility	OS independent; No software or drivers required
Color	Black
Enclosure Type	Aluminum and Plastic
Product Length	7.6 in [194 mm]
Product Width	5.7 in [146 mm]
Product Height	5 in [127 mm]
Product Weight	3.1 lb [1.4 kg]
LED Indicators	4 - Drive Activity
LED Indicators	4 - Drive Power
Operating Temperature	05/20/2012eg;C to 505/20/2012eg;C (325/20/2012eg;F to 1225/20/2012eg;F)
Storage Temperature	05/20/2012eg;C to 505/20/2012eg;C (325/20/2012eg;F to 1225/20/2012eg;F)
Humidity	Operating - 5~85% RH Non-condensing Storage - 5~95%
Shipping (Package) Weight	4.6 lb [2.1 kg]
Included in Package	1 - 5.25" Tray-Less SATA Hot-Swap Bay
Included in Package	4 - SATA cable
Included in Package	4 - SATA to LP4 Molex + LED Cable
Included in Package	1 - Screw kit
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

