

3 Drive 3.5in Trayless Hot Swap SATA Mobile Rack Backplane

StarTech ID: HSB320SATBK



This 3 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 three 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 three hard drives, the mobile SATA hot swap rack only takes up two 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 HSB320SATBK 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

- Imaging - For System Builders or configuring new systems - Use Hot Swap Bay in master system to copy Windows OS quickly to multiple blank hard drives as part of system building process
- IT environments where just need to quickly insert/replace removable hard drive - no protection required for mobility reasons for hard drive
- Serial ATA servers and storage subsystems
- High-end workstations
- Serial ATA Drive Arrays
- Network Attached Storage
- Enterprises replacing IDE/Parallel ATA hard drives with SATA/300(SATA II) or SATA/150 hard drives

Features

- Holds up to three SATA drives across two 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	3
Drive Size	3.5in
Drive Type	SATA
Fans	2 - 40 mm
Drive Connectors	3 - SATA (7 pin; Data) Receptacle
Drive Connectors	3 - SATA Power (15 pin) Receptacle
Host Connectors	3 - SATA (7 pin; Data) Plug
Host Connectors	3 - 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	3.3 in [85 mm]
Product Weight	2.4 lb [1.1 kg]
LED Indicators	3 - Drive Activity
LED Indicators	3 - 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	3.6 lb [1.6 kg]
Included in Package	1 - 5.25" Tray-Less SATA Hot-Swap Bay
Included in Package	3 - SATA cable
Included in Package	3 - SATA to LP4 Molex + LED Cable
Included in Package	1 - Screw kit
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

