

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 and Solutions

- 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
- Product Height: 3.35 in [85 mm]
- Humidity: Operating - 5~85% RH Non-condensing

Storage - 5~95%

- Insertion Rating: 10, 000+ Cycles
- LED Indicators: Drive Power
- LED Indicators: Drive Activity
- Product Length: 7.64 in [194 mm]
- Noise Level: 24
- Number of Drives: 3
- Operating Temperature: 0°C to 50°C (32°F to 122°F)
- OS Compatibility: OS independent; No software or drivers required
- Carton Quantity: 8
- Storage Temperature: 0°C to 50°C (32°F to 122°F)
- Shipping (Package) Weight: 3.58 lb [1.62 kg]
- Product Weight: 2.43 lb [1.1 kg]
- Product Width: 5.75 in [146 mm]

