

## Dual Bay 5.25" Trayless Hot Swap Mobile Rack Backplane for 2.5" and 3.5" SATA/SAS HDD or SSD with Fan

Product ID: HSB2535SATBK



The HSB2535SATBK Removable 2-drive backplane lets you quickly install and hot-swap drives from the front of your computer, by turning a 5.25" bay into a hot-swappable SATA/SAS interface for you to connect a 3.5" SATA hard drive (HDD) and/or a 2.5" SATA hard drive or solid state drive (SSD).

The hard drive bay interfaces with SATA/SAS, offering two trayless hard drive bays and can be mounted into any 5.25" front bay, to provide a hot-swappable mobile rack. The bays feature ejection levers which allow drives to be installed and removed quickly from the computer system, providing a convenient way to create backups that can then be removed for safekeeping, archiving, or external portable access.

For added versatility the backplane provides support for both SATA and SAS interfaces, an ideal accommodation for enterprise system integration. Plus, to help prevent drive failure, the bay provides excellent heat dissipation with a built-in fan and slotted aluminum enclosure.

The HSB2535SATBK is backed by a StarTech.com 2-year warranty and free lifetime technical support.

### Certifications, Reports and Compatibility



### 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 you need to quickly insert/replace hard drives with no external HDD enclosure required
- Add a hot-swap bay to a server or workstation computer, for a removable backup solution
- Create a hybrid storage solution with a solid state drive for speed, and a standard hard drive for larger storage capacity like hyperduo

### Features

- Individual 2.5" and 3.5" drive trays
- Complies with 5.25" small form factor specification
- Trayless design for hot swap support
- Solid aluminum construction
- Support for SATA revision I/II/III (1.5/3.0/6.0 Gbps)
- Power and Activity LEDs for each drive
- Support for 2.5" and 3.5" form factor SATA hard drives
- Support for SAS revision I/II (3.0/6.0 Gbps)

|                                 |                                  |  |
|---------------------------------|----------------------------------|--|
| <b>Hardware</b>                 | Warranty                         | 2 Years  |
|                                 | Compatible Drive Types           | SAS & SATA   |
|                                 | Drive Installation               | Removable  |
|                                 | Drive Size                       | 2.5in & 3.5in  |
|                                 | Fan Bearing Type                 | Ball Bearing   |
|                                 | Fan(s)                           | Yes  |
|                                 | Fans                             | 1 - 50 mm  |
|                                 | Front Door Key Lock              | Yes  |
|                                 | Interface                        | SATA   |
|                                 | Number of 2.5 inch bays          | 1  |
|                                 | Number of Drives                 | 2  |
|                                 | Number of internal 3.5 inch bays | 1  |
| <b>Performance</b>              | Insertion Rating                 | 10,000   |
|                                 | Max Drive Capacity               | Currently tested with up to 4TB 7200 RPM hard drives (3.5")<br>Currently tested with up to 1TB 7200 RPM hard drives (2.5") |
|                                 | Maximum Data Transfer Rate       | 6 Gbit/s   |
|                                 | Type and Rate                    | SATA III (6 Gbps)  |
| <b>Connector(s)</b>             | Drive Connectors                 | 2 - SFF-8482 (29 pin, Data & Power, Internal SAS) Receptacle   |
|                                 | Host Connectors                  | 1 - LP4 (4 pin, Molex Large Drive Power) Male<br>2 - SATA (7 pin, Data) Receptacle   |
| <b>Software</b>                 | OS Compatibility                 | OS independent; No software or drivers required  |
| <b>Indicators</b>               | LED Indicators                   | 1 - 2.5" HDD/SSD Activity LED<br>1 - 3.5" HDD Activity LED   |
|                                 | <b>Environmental</b>             | Humidity   |
|                                 | Operating Temperature            | -5°C to 35°C (23°F to 95°F)  |
|                                 | Storage Temperature              | -20°C to 50°C (-4°F to 122°F)  |
| <b>Physical Characteristics</b> | Product Height                   | 1.7 in [42 mm]   |
|                                 | Product Length                   | 5.8 in [148 mm]  |
|                                 | Product Weight                   | 18.6 oz [528 g]  |
|                                 | Product Width                    | 7.2 in [182.6 mm]  |

|                              |                           |  |
|------------------------------|---------------------------|--|
| <b>Packaging Information</b> | Shipping (Package) Weight | 1.6 lb [0.7 kg]  |
| <b>What's in the Box</b>     | Included in Package       | 1 - 2.5/3.5in SATA HDD Backplane<br>2 - 18" SATA Cable<br>1 - Molex LP4 to SATA Power Adapter Cable<br>2 - Bay Key<br>1 - Installation Screw kit<br>1 - Instruction Manual |

Product appearance and specifications are subject to change without notice.