

## 4 Drive 3.5in Trayless Hot Swap SATA Mobile Rack Backplane

Product 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.

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.

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. 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.

### Certifications, Reports and Compatibility



### 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
- 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

|                                 |                           |                                                        |
|---------------------------------|---------------------------|--------------------------------------------------------|
| <b>Hardware</b>                 | Warranty                  | 2 Years                                                |
|                                 | Compatible Drive Types    | SATA                                                   |
|                                 | Drive Size                | 3.5in                                                  |
|                                 | Fan(s)                    | Yes                                                    |
|                                 | Fans                      | 2 - 40 mm                                              |
|                                 | Number of Drives          | 4                                                      |
| <b>Performance</b>              | Hot Swap Capability       | Yes                                                    |
|                                 | Insertion Rating          | 10, 000+ Cycles                                        |
|                                 | Noise Level               | 24 dBA                                                 |
| <b>Connector(s)</b>             | Drive Connectors          | 4 - SATA (7 pin, Data) Receptacle                      |
|                                 |                           | 4 - SATA Power (15 pin) Receptacle                     |
|                                 | Host Connectors           | 4 - SATA (7 pin, Data) Plug                            |
|                                 |                           | 4 - SATA Power (15 pin) Plug                           |
| <b>Software</b>                 | OS Compatibility          | OS independent; No software or drivers required        |
| <b>Indicators</b>               | LED Indicators            | 4 - Drive Activity                                     |
|                                 |                           | 4 - Drive Power                                        |
| <b>Environmental</b>            | Humidity                  | Operating - 5~85% RH Non-condensing<br>Storage - 5~95% |
|                                 | Operating Temperature     | 0°C to 50°C (32°F to 122°F)                            |
|                                 | Storage Temperature       | 0°C to 50°C (32°F to 122°F)                            |
| <b>Physical Characteristics</b> | Color                     | Black                                                  |
|                                 | Enclosure Type            | Aluminum and Plastic                                   |
|                                 | Product Height            | 5 in [12.6 cm]                                         |
|                                 | Product Length            | 7.6 in [19.4 cm]                                       |
|                                 | Product Width             | 5.7 in [14.6 cm]                                       |
|                                 | Weight of Product         | 3.2 lb [1.4 kg]                                        |
| <b>Packaging Information</b>    | Package Height            | 8.6 in [21.8 cm]                                       |
|                                 | Package Length            | 10.6 in [27 cm]                                        |
|                                 | Package Width             | 7.2 in [18.2 cm]                                       |
|                                 | Shipping (Package) Weight | 3.2 lb [1.4 kg]                                        |
| <b>What's in the Box</b>        | Included in Package       | 1 - 5.25" Tray-Less SATA Hot-Swap Bay                  |

- 4 - SATA cable
- 4 - SATA to LP4 Molex + LED Cable
- 1 - Screw kit
- 1 - Instruction Manual

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Product appearance and specifications are subject to change without notice.