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Data Sheet

# 4 Bay Aluminum Trayless Hot Swap Mobile Rack Backplane for 3.5in SAS II/SATA III - 6 Gbps HDD

Product ID: HSB4SATSASBA



The HSB4SATSASBA Removable 4-drive Backplane makes inserting and removing drives fast and easy, by turning three 5.25" bays into a hot-swappable interface for up to four 3.5” SATA or SAS hard drives (HDD).

For added versatility, the hot swap bay can interface with SATA I/II/III and SAS I/II hard drives -- an ideal solution for enterprise system applications.

For a quick and secure method of installing and removing drives, the backplane features ejection levers and a key-lock design. To help prevent drive failure, the bay provides drive cooling with a built-in fan and excellent heat dissipation with a vented aluminum enclosure.

The HSB4SATSASBA is backed by a StarTech.com 2-year warranty and free lifetime technical support.

## Certifications, Reports and Compatibility

RoHS Compliant Available

## Applications

- Imaging - for new system builds or configurations, use the hot swap bay in your master system to quickly copy the Windows OS to multiple blank hard drives
- Add a hot-swap bay to a server or workstation computer that you can use as a removable backup solution
- IT environments where you need to quickly insert/replace hard drives with no external HDD enclosure required
- Onsite data backup as a secure alternative to cloud storage

## Features

- Solid aluminum construction
- Key lock design
- Built-in fan
- 4 drive bay design
- Installs in three 5.25" drive bays
- Trayless design for easier hot swapping
- Support for SATA revision I/II/III (1.5/3.0/6.0 Gbps)
- Support for SAS revision I/II (3.0/6.0 Gbps)
- Power and Activity LEDs for each drive
- UL94 - V0 flammability rating

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| | Warranty | 2 Years |
| **Hardware** | Compatible Drive Types | SAS & SATA |
| | Drive Installation | Removable |
| | Drive Size | 3.5in |
| | Fan Bearing Type | Sleeve Bearing |
| | Fan(s) | Yes |
| | Fans | 1 - 70 mm |
| | Front Door Key Lock | Yes |
| | Interface | SATA |
| | | SAS |
| | Number of Drives | 4 |
| | Number of internal 3.5 inch bays | 4 |
| **Performance** | Max Drive Capacity | Currently tested with up to 6TB 7200 RPM hard drives |
| | Maximum Data Transfer Rate | 6 Gbit/s |
| **Connector(s)** | Drive Connectors | 4 - SFF-8482 (29 pin, Data & Power, Internal SAS) Receptacle |
| | Host Connectors | 2 - SATA Power (15 pin) Receptacle |
| | | 4 - SATA (7 pin, Data) Receptacle |
| **Software** | OS Compatibility | OS independent; No software or drivers required |
| **Special Notes / Requirements** | System and Cable Requirements | Flammability rating: UL94 - V0 |
| **Indicators** | LED Indicators | 1 - Power LED |
| | | 1 - Drive 1 Activity LED |
| | | 1 - Drive 2 Activity LED |
| | | 1 - Drive 3 Activity LED |
| | | 1 - Drive 4 Activity LED |
| **Environmental** | Humidity | 5%~85% RH |
| | Operating Temperature | 0°C to 55°C (23°F to 95°F) |
| | Storage Temperature | -20°C to 60°C (-4°F to 122°F) |
| **Physical Characteristics** | Product Height | 4.9 in [124 mm] |
| | Product Length | 7.8 in [197 mm] |
| | Product Weight | 2.9 lb [1.3 kg] |

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|---|---|---|
| | Product Width | 5.7 in [145 mm] |
| **Packaging Information** | Shipping (Package) Weight | 3.5 lb [1.6 kg] |
| **What's in the Box** | Included in Package | 1 - 4 Drive Trayless 3.5in SATA/SAS Mobile Rack<br>8 - Installation screws<br>2 - Drive bay keys<br>4 - SATA cables<br>1 - Instruction manual |

Product appearance and specifications are subject to change without notice.