

2 Drive 2.5in Trayless Hot Swap SATA Mobile Rack Backplane

StarTech ID: HSB220SAT25B



This 3.5in SATA hard drive hot-swap bay allows you to install two 2.5in SATA hard drives (HDD) or solid state drives (SSD) in an available/unused 3.5in floppy drive bay.

Featuring a convenient "no mounting required /easy eject" feature (like a tape cartridge or floppy disk), the hard drive hot swap bay doesn't require that the drives be installed in a tray - making it the ideal solution for quick and easy drive removals and insertions as part of a system building process, or integration into rackmount systems or industrial environments.

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.

Also a perfect addition for operating system image deployment and any task that requires being able to quickly access large volumes of data on the fly, the hot swap bay provides everything you need to expedite important projects while maintaining a reliable storage solution.

With support for SATA HDD speeds up to 6.0 Gbps, this backplane is fully compatible with RAID installations to ensure maximum performance and versatility for enhanced storage applications.

Applications

- IT environments where you just need to quickly insert/replace removable hard drives/solid state drives
- Imaging - For System Builders or configuring new systems - Use Hot Swap Bay in master system to copy Windows OS quickly to blank hard drive as part of system building process
- Ideal for RAID applications (with RAID supported SATA controller)

Features

- Holds up to two SATA drives in a single 3.5" bay
- Trayless design: drives are not mounted into separate trays/enclosures
- Includes a plastic protective film for the bottom side of hard drive
- Aluminum construction
- 50,000+ insertion rating
- Power/Activity LED for each drive
- Support for SATA revision I/II/III (1.5/3.0/6.0 Gbps)
- Supports 2.5" form factor SATA hard drives (HDD) and solid state drives (SSD)
- Plug-and-Play and Hot-Swap compatible

Technical Specifications

| | |
|--|---|
| Warranty | 2 Years |
| Compatible Drive Types (Type and Rate) | SATA |
| Drive Size | 2.5in |
| Key Lock | No |
| Number of Drives | 2 |
| Hot Swap Capability | Yes |
| Max Drive Capacity | Tested up to 500GB per drive |
| Type and Rate | SATA III (6 Gbps) |
| Connector Type(s) | 2 - SATA (7 pin; Data) Receptacle |
| Connector Type(s) | 2 - SATA Power (15 pin) Receptacle |
| Connector Type(s) | 2 - SP4 (4 pin; Small Drive Power) Male |
| Drive Connectors | 2 - SATA (7 pin; Data) Receptacle |
| Drive Connectors | 2 - SATA Power (15 pin) Receptacle |
| Host Connectors | 2 - SATA (7 pin; Data) Plug |
| Host Connectors | 2 - SATA Power (15 pin) Plug |
| OS Compatibility | OS independent; No software or drivers required |
| LED Indicators | 1 - Power/Drive Activity |
| Color | Black |
| Enclosure Type | Aluminum |
| Max Drive Height | 0.4 in [9.5 mm] |
| Product Height | 0.9 in [24 mm] |
| Product Length | 5.3 in [134 mm] |
| Product Weight | 10 oz [282.5 g] |
| Product Width | 4 in [102 mm] |
| Shipping (Package) Weight | 1.1 lb [0.5 kg] |
| Included in Package | 1 - dual SATA hot-swap bay |
| Included in Package | 2 - LP4 to SATA and LED adapter cable |
| Included in Package | 1 - 15-pin SATA power and LED Y cable |
| Included in Package | 2 - 7-pin SATA data cable |
| Included in Package | 2 - hard drive protector film |
| Included in Package | 1 - screw kit |
| Included in Package | 1 - instruction manual |

Certifications, Reports and Compatibility

