

5.25in Trayless Hot Swap Mobile Rack for 3.5in SATA HDD with LCD & Fan

Product ID: HSB110SATBK



The HSB110SATBK 5.25-inch Trayless Hot Swap Mobile Rack for SATA Hard Drives (with built-in LCD) enables users to quickly swap 3.5-inch SATA hard drives (HDD) from a standard 5.25-inch bay.

The mobile rack features an integrated, backlit LCD screen that displays the operating status of the hard drive, monitoring the drive temperature, cooling fan speed and continuous up-time of the HDD. The mobile rack also features customizable warning thresholds that trigger buzzer warnings in the event the HDD gets too hot or the cooling fan fails.

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.

Removing/replacing hard drives from the mobile rack is as simple as opening the front panel door and pulling the drive out, then sliding a new HDD into the opening and closing the door. The trayless design makes the process of changing hard drives quick and painless, as there are no enclosures or trays/caddies to deal with.

Certifications, Reports and Compatibility

Applications

- Add additional hot swap bays to a server or workstation
- Be able to quickly replace individual drives from a storage array, with no system down time
- Use with systems that need a standalone hardware monitor for hard drives
- Use in operating environments with potentially high/unpredictable temperatures

Features

- Built-in backlit LCD display shows hard drive and fan status (temperature, fan speed, up-time, etc.)
- Audible warning buzzers for temperature and fan failure
- Trayless design: hard drives are not mounted into separate trays/enclosures
- Flammability rating of UL 94 V-0
- 40mm cooling fan
- Lockable drive bay
- Built-in vibration/shock absorbers
- Power and Disk Activity LED indicators
- Standard 5.25" form factor and fully enclosed design
- Supports 3.5" form factor SATA hard drives
- Support for SATA revision I/II/III (1.5/3.0/6.0 Gbps)
- Plug and Play and Hot Swap compatible

Hardware

Warranty	2 Years
Front Door Key Lock	Yes
Fans	40 mm
Regulatory Approvals	UL94 V-0 Rated Plastic
Number of Drives	1
Drive Size	3.5in
Compatible Drive Types	SATA

Performance

Shock Protection	Yes
Hot Swap Capability	Yes
Insertion Rating	15,000 Cycles
Temperature Alarm	Yes



Connector(s)

Drive Connectors	SATA Data & Power Combo (7+15 pin)
Host Connectors	LP4 (4 pin; Large Drive Power)
	SATA Data & Power Combo (7+15 pin)

Software

OS Compatibility	OS independent; No software or drivers required
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Special Notes / Requirements

System and Cable Requirements	Available 5.25 inch front bay
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Indicators

LED Indicators	Power (Blue)
	Activity (Blue)

Environmental

Operating Temperature	5C to 80C (41F to 176F)
Storage Temperature	-40C to 70C (-40F to 158F)
Humidity	8~90% RH

Physical Characteristics

Color	Black
Material	Steel and Plastic
Product Length	7.1 in [18 cm]
Product Width	5.9 in [15 cm]
Product Height	1.6 in [40 mm]
Weight of Product	24.3 oz [689 g]

Packaging Information

Package Length	8.5 in [21.5 cm]
Package Width	6.7 in [17 cm]
Package Height	2.2 in [55 mm]



Shipping (Package) Weight	28.7 oz [812 g]
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What's in the Box

Included in Package	Trayless Mobile Rack
	SATA Data Cable
	Set of keys
	Package of mounting screws
	Instruction Manual

****Product appearance and specifications are subject to change without notice.***

