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Data Sheet

2 Drive 2.5in Trayless Hot Swap SATA Mobile Rack Backplane

Product 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.

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Certifications, Reports and Compatibility

RoHS Compliant Available

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

	Warranty	2 Years
Hardware	Compatible Drive Types	SATA
	Drive Size	2.5in
	Front Door Key Lock	No
	Number of Drives	2
Performance	Hot Swap Capability	Yes
	Max Drive Capacity	Tested up to 500GB per drive
	Type and Rate	SATA III (6 Gbps)
Connector(s)	Connector Type(s)	2 - SATA (7 pin, Data) Receptacle
		2 - SATA Power (15 pin) Receptacle
		2 - SP4 (4 pin, Small Drive Power) Male
	Drive Connectors	2 - SATA (7 pin, Data) Receptacle
		2 - SATA Power (15 pin) Receptacle
	Host Connectors	2 - SATA (7 pin, Data) Plug
		2 - SATA Power (15 pin) Plug
Software	OS Compatibility	OS independent; No software or drivers required
Indicators	LED Indicators	1 - Power/Drive Activity
Physical Characteristics	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	10.1 oz [286 g]
	Product Width	4 in [102 mm]
Packaging Information	Shipping (Package) Weight	17 oz [481 g]
What's in the Box	Included in Package	1 - dual SATA hot-swap bay
		2 - LP4 to SATA and LED adapter cable
		1 - 15-pin SATA power and LED Y cable
		2 - 7-pin SATA data cable
		2 - hard drive protector film

1 - screw kit

1 - instruction manual

Product appearance and specifications are subject to change without notice.