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Data Sheet

2.5in SATA Removable Hard Drive Bay for PC Expansion Slot

Product ID: S25SLOTR



The S25SLOTR Trayless Hard Drive Rack can be installed into an available (full profile) PCI expansion card slot, providing easy access to a bare 2.5" SATA hard drive or solid state drive (SSD) from the rear panel of a computer case.

Unlike conventional hard drive enclosures, the S25SLOTR hard drive rack doesn't require that a drive be installed in a drive tray, saving the time and hassle involved in having to mount or install the hard drive for access to drive contents.

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.

Once installed in a PCI slot (and accompanying rear panel bracket), installing a 2.5" SATA HDD is as simple as inserting it into the trayless rack. To remove the hard drive, simply hit the eject button to unlock the access door, allowing the drive to be pulled out of the computer without having to dismount the drive.

* This unique design of the mobile rack enables you to use any available full profile expansion slot to mount a removable 2.5in SATA hard drive.

Certifications, Reports and Compatibility











Applications

- Add additional storage capabilities to a computer with no more internal or external drive bays
- Add removable storage to the rear of a system, where it is less noticeable or accessible to unauthorized users
- Add removable storage to small form factor chassis' with no standard 3.5/5.25" drive bays
- Add additional hot-swap bays to a server or workstation computer
- System builders who need to image drives quickly and efficiently
- 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

- Fits a 2.5" SATA drive into a rear full profile expansion card slot
- Trayless design: drive is not mounted into a tray or enclosure
- Latching drive door
- 50,000+ insertion rating
- Vented aluminum and steel construction
- Door mounted Power/Activity LED indicator
- 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 Installation	Removable
	Drive Size	2.5in
	Fan(s)	No
	Number of Drives	1
Performance	Hot Swap Capability	Yes
	Max Drive Capacity	Tested up to 500 GB
Connector(s)	Drive Connectors	1 - SATA Data & Power Combo (7+15 pin) Receptacle
	Host Connectors	1 - LP4 (4 pin; Large Drive Power) Male
		1 - SATA (7 pin, Data) Plug
		1 - SATA Power (15 pin) Plug
Software	OS Compatibility	OS independent; No software or drivers required
Indicators	LED Indicators	1 - Solid - Power On Blinking - Activity
Environmental	Humidity	80% RH
	Operating Temperature	0°C to 55°C (32°F to 131°F)
	Storage Temperature	-5°C to 75°C (23°F to 167°F)
Physical Characteristics	Color	Black
	Enclosure Type	Aluminum and Steel
	Max Drive Height	9.5 mm [0.4 in]
	Product Height	12 cm [4.7 in]
	Product Length	14.5 cm [5.7 in]
	Product Width	21 mm [0.8 in]
	Weight of Product	167 g [5.9 oz]
Packaging Information	Package Height	33 mm [1.3 in]
	Package Length	13.6 cm [5.4 in]
	Package Width	16.1 cm [6.3 in]
	Shipping (Package) Weight	234 g [8.3 oz]
What's in the Box	Included in Package	1 - Expansion Slot Removable HDD bracket
		1 - 20in SATA cable

1 - LP4 SATA breakout cable

1 - Hard Drive Protective Film

1 - Mounting Screws

1 - Instruction Manual

Product appearance and specifications are subject to change without notice.