2.5in SATA Removable Hard Drive Bay for PC Expansion Slot

StarTech 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.

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

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

Technical Specifications

Warranty	2 Years
Number of Drives	1
Drive Size	2.5in
Compatible Drive Types (Type and Rate)	SATA
Drive Installation	Removable
Fan(s)	No
Drive Connectors	1 - SATA Data & Power Combo (7+15 pin) Receptacle
Host Connectors	1 - LP4 (4 pin; Molex Large Drive Power) Male
Host Connectors	1 - SATA (7 pin; Data) Plug
Host Connectors	1 - SATA Power (15 pin) Plug
Max Drive Capacity	Tested up to 500 GB
Hot Swap Capability	Yes
Color	Black
Enclosure Type	Aluminum and Steel
Max Drive Height	0.4 in [9.5 mm]
Product Length	5.7 in [145 mm]
Product Width	0.8 in [21 mm]
Product Height	4.7 in [120 mm]
Product Weight	5.6 oz [158.4 g]
LED Indicators	1 - Solid - Power On Blinking - Activity
Operating Temperature	0°C to 55°C (32°F to 131°F)
Storage Temperature	-5°C to 75°C (23°F to 167°F)
Humidity	80% RH
Shipping (Package) Weight	0.3 lb [0.1 kg]
Included in Package	1 - Expansion Slot Removable HDD bracket
Included in Package	1 - 20in SATA cable
Included in Package	1 - LP4 SATA breakout cable
Included in Package	1 - Hard Drive Protective Film
Included in Package	1 - Mounting Screws
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility