

## 4 Drive 2.5in Removable SAS SATA Mobile Rack Backplane

SATSASBAY425



\*actual product may vary from photos

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## FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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# Introduction

This StarTech.com SATSASBAY425 4-Drive Removable SAS/SATA Backplane/Mobile Rack offers a convenient and efficient way to maximize the storage density of your PC or Server. The backplane can hold up to four 2.5" SAS and/or SATA hard drives (9.5mm, 12.5mm, or 14.8mm thick) in a single 5.25in drive bay.

## Packaging Contents

- 1 x SATSASBAY425 backplane
- 4 x Hard Drive Caddy (installed)
- 4 x SATA cable
- 1 x Screw kit
- 1 x Instruction Manual

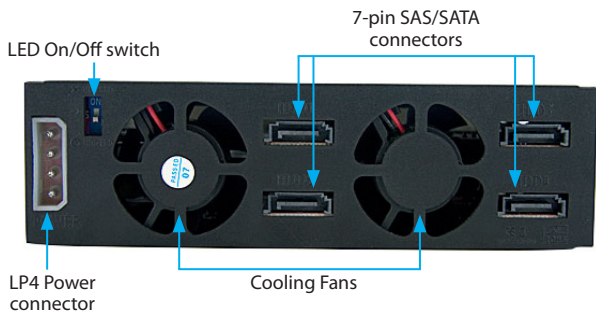
## System Requirements

- Available 5.25" external bay
- Existing SAS/SATA controller

## Front View



## Rear View



# Installation

**WARNING:** Hard drives require careful handling, especially when being transported. If you are not careful with your hard disk, lost data may result. Always handle your hard drive and storage device with caution.

## Hardware Installation

1. Turn your computer off and any peripherals connected to the computer (i.e. Printers, external hard drives, etc.). Unplug the power cable from the rear of the power supply on the back of the computer.
2. Remove the cover from the computer case. Refer to documentation for your computer system for details.
3. Open an unused 5.25" external bay in the computer case.
4. Slide the SATSASBAY425 into the 5.25" bay, per the installation instructions for the computer system/case and secure to the frame.
5. Connect an LP4 molex power connector from the computer power supply to the power connector on the rear of the backplane.
6. Connect 7-pin SAS/SATA cables from the host SATA or SAS controller to each connector on the rear of the backplane.

**NOTE:** SAS controller can operate both SAS and SATA drives, however SATA controllers can only operate SATA drives.

7. Place the cover back onto the computer case.
8. Insert the power cable into the socket on the power supply and reconnect all other connectors removed in Step 1.
9. Remove the drive trays from the backplane by pressing the colored tray release latch to the left and swing it open. Pull the drive trays out of the backplane.
10. If using a 9.5mm height drive, then the top of the drive tray does not need to be removed. Just slide the drive into the tray from the sides, then fasten the drive to the tray from the bottom side with 4 screws (included).  
If using a drive taller than 9.5mm, then the top of the drive tray needs to be removed. Release the screw located near of the rear of the tray, then pull the top of the tray off. Place the drive onto the tray and fasten from the bottom using 4 screws (included).

## Driver Installation

No driver installation is required for any operating system, as a backplane is a pass-through device, so will not be visible to the computer system.

# Specifications

<b>Bus Interface</b>	SATA SAS
<b>Maximum Number of Hard Drives</b>	4
<b>Connectors</b>	4 x 7-pin SATA/SAS 1 x LP4 Power
<b>LEDs</b>	4 x Power/Activity
<b>Fan</b>	2 x 40mm
<b>Insertion Rating</b>	25,000 cycles
<b>Compatible Hard Drives</b>	2.5" SATA, 9.5/12.5mm height 2.5" SAS, 14.8mm height
<b>Operating Temperature</b>	-10°C to 70°C (14°F to 158°F)
<b>Storage Temperature</b>	-20°C to 75°C (-4°F to 167°F)
<b>Humidity</b>	5~90% RH
<b>Dimensions</b>	175.0mm x 146.0mm x 42.0mm
<b>Weight</b>	790g

# Technical Support

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For the latest drivers/software, please visit [www.startech.com/downloads](http://www.startech.com/downloads)

## Warranty Information

This product is backed by a two year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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