SATDOCK2520

Instruction Manual

Serial ATA Hard Drive Mobile Rack

3.5” Trayless SATA Mobile Rack for Dual 2.5” Hard Drives

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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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Table of Contents

Introduction 1
Packaging Contents 1
System Requirements 1
Front View 2
Rear View 2

Installation 3
Hardware Installation 3
Driver Installation 3

How to Use 4

Specifications 5

Technical Support 6

Warranty Information 6

Introduction

This 3.5” trayless SATA Mobile Rack allows you to install two 2.5” SATA drives in an available/unused 3.5” floppy drive bay. Featuring a convenient trayless “easy eject” feature (like a tape cartridge or floppy disk), the hard drive bay doesn’t require that the drives be installed into 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.

Packaging Contents

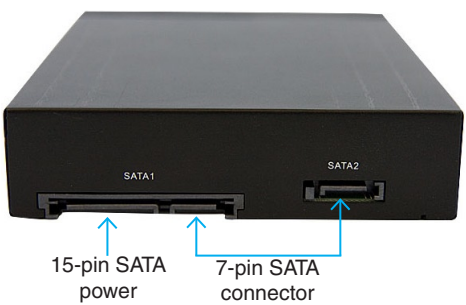
- 1 x SATDOCK2520 hard drive backplane
- 1 x Package of mounting screws
- 2 x Keys
- 2 x 18” 7-pin SATA cable
- 1 x Instruction Manual

System Requirements

- 9.5mm 2.5” SATA 1.5/3.0 Gbps hard drive(s)
- An available external 3.5” bay in the computer case
- SATA enabled computer system

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. Make sure the computer system is powered off and unplugged from the power source before attempting any hardware installation.
2. Locate an available external 3.5” floppy drive bay on the computer case and install the Mobile Rack appropriately. See the documentation for your computer case for installation details. Mounting screws are included, if necessary.
3. Connect two 7-pin SATA cable from the back of the Mobile Rack to the SATA port in the computer system.
4. Connect the 15-pin SATA power cable from the computer power supply to the Mobile Rack.
5. Pull on the metal tabs/hinge on the front of the Mobile Rack to open the drive bay doors. Insert a SATA hard drive into the drive bay (label facing up) and close the door behind it, making sure it latches properly.

OPTIONAL: Use the included keys to lock the front door to prevent accidental/unauthorized access to the hard drive(s).

6. Power up the computer and use the hard drive(s) as if connected directly to the SATA controller/motherboard.

Driver Installation

No driver installation is required for any operating system, as this Mobile Rack is a pass through device, so only the hard drives are seen by the computer system.

How to Use

If the SATA controller supports Hot-Swapping drives, then hard drives can be removed and installed into the Mobile Rack without having to shut the computer system off. Refer to the documentation for the SATA controller for details on how to use Hot-Swapping. If not supported, the computer must be shut down first, to install or remove hard drives.

To remove hard drives from the Mobile Rack, unlock the front drive bay door (if necessary) with the provided keys and open the door by pulling on the metal latch. Swing the door fully open and the drive will be ejected, and can then be pulled out of the drive bay by hand.

Specifications

Bus Interface	SATA 3.0Gb/s
External Connectors	2 x 7-pin SATA 1 x 15-pin SATA power
LEDs	Power/Activity
Hard Drive Compatibility	9.5mm 2.5” SATA 1.5/3.0 Gbps hard drives up to 500GB in capacity*
Insertion Rating	15 000 cycles
Operating Temperature	5°C to 70°C
Storage Temperature	-40°C to 80°C
Humidity	8 - 90% RH
Dimensions	154.0mm x 101.0mm x 25.0mm
Weight	224g

* The unit will only support SATA hard drive capacities supported by the SATA controller, up to a maximum of 500GB.

Technical Support

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit www.startech.com/support and access our comprehensive selection of online tools, documentation, and downloads.

Warranty Information

This product is backed by a one year warranty.

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