StarTech.com

Hard-to-find **made easy**®

4 Drive Trayless 3.5" SATA/SAS Mobile Rack

HSB4SATSASBA

*actual product may vary from photos

For the most up-to-date information, please visit: www.startech.com

Manual Revision: 09/23/2014

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

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by StarTech.com could void the user's authority to operate the equipment.

Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

CAN ICES-3 (B)/NMB-3(B)

Use of Trademarks, Registered Trademarks, and other Protected Names and Symbols

This manual may make reference to trademarks, registered trademarks, and other protected names and/or symbols of third-party companies not related in any way to StarTech.com. Where they occur these references are for illustrative purposes only and do not represent an endorsement of a product or service by StarTech.com, or an endorsement of the product(s) to which this manual applies by the third-party company in question. Regardless of any direct acknowledgement elsewhere in the body of this document, StarTech.com hereby acknowledges that all trademarks, registered trademarks, service marks, and other protected names and/or symbols contained in this manual and related documents are the property of their respective holders.

StarTech.com
Hard-to-find made easy®

Table of Contents

StarTech.com

Hard-to-find made easy®

Introduction

Packaging Contents

- 1x 4 Drive Trayless 3.5in SATA/SAS Mobile Rack
- 8x Installation screws
- 2x Drive bay keys
- 4x SATA cables
- 1x Instruction Manual

System Requirements

- 1x Computer System with SATA connectivity and three available 5.25" bays
- 2x Available SATA Power Connections
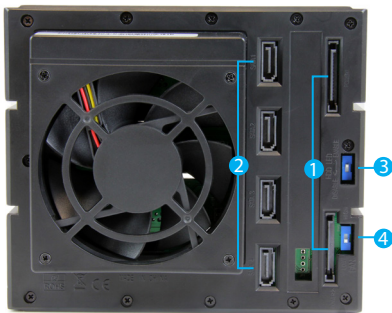- Up to four 3.5" SATA/SAS Hard Drive(s)

StarTech.com
Hard-to-find made easy

Product Diagram

Front View

1. 4x 3.5" Drive bays
2. 4x 3.5" Drive bay key hole
3. 4x 3.5in LED indicators

Rear View

1. 2x SATA Drive Power Connector ports
2. 4x SATA Data Connector ports
3. Hard Drive LED Enable/Disable
4. Fan speed control switch (High/Low)

StarTech.com

Hard-to-find made easy®

Installation

WARNING! Hard drives and storage docks 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. Be sure that you are properly grounded by wearing an anti-static strap when handling computer components or discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds.

Hardware Installation

1. Ensure your computer system is powered down, and the power cable has been disconnected from the Power Supply.

2. Open your computer case (refer to the computer user manual for details), and place the 3.5in SATA/SAS HDD Backplane into four available 5.25" slots, lining up the side installation holes on the HSB4SATSASBA (pictured below), with installation holes on the 5.25" slot inside the computer.

StarTech.com
Hard-to-find made easy®

3. Hold the HSB4SATSASBA into place by lining up the screw holes on HSB4SATSASBA with the corresponding mounting holes in your 5.25in bays. Next, fix the HSB4SATSASBA to your 5.25in bays by screwing 4 of the included screws into any of the installation holes on both side of the 5.25" bay (8 screws in total).

4. Connect the 4x SATA cables (4x included) from an available SATA host port on your motherboard to the SATA data connector ports on the back of the HSB4SATSASBA.

5. Connect 2x SATA Power connectors from your power supply to the SATA power connector ports on the back of the HSB4SATSASBA.

   Note: For optimal performance, ensure each SATA power connector is on a different power rail. Failure to do so may result in power disruption while swapping drives.

3.5in Hard Drive Installation

1. Insert either of the included bay keys into the your desired 3.5in Drive bay key holes depending on which drawer you intend to install the drive into. And Turn the key clockwise into the unlock position.

2. Pull the drive door handle to open the drive bay

StarTech.com

Hard-to-find made easy®

3. Insert your desired drive

4. Close the drive door.

3.5in Hard Drive Removal

1. Insert either of the included bay keys into the 3.5in Drive bay key holes depending on which type of drive you intend to install. And Turn the key clockwise into the unlock position.

2. Pull the drive door handle to open the drive bay

StarTech.com
Hard-to-find made easy®

3. Remove your drive

4. Close the drive door.

Note: It is important to eject or unmount the hard drive from your computer system before physically removing the drive. See How to Use - Disconnecting the Hard Drive section for instructions.

How to Use

Connecting the Hard Drive

Once the drive has been installed in the drive bay, the drivers will install automatically, and the inserted drive will be accessible as though it were installed within the system.

Note: some operating systems may require that the system be scanned for hardware changes from within device manager, for the newly connected drive(s) to be recognized.

Prior to using the drive, it will need to be formatted according to your operating system requirements.

Refer to Initializing the Hard Drive.

StarTech.com
Hard-to-find made easy®

LED Indicator

The HSB2535SATBK offers 3.5in LED indicators, to enable you to monitor drive activity. The LED will flash while the hard drive is being accessed. Do not remove the enclosure from the host computer while the LED is flashing, as it could damage the drive or the enclosure, resulting in data loss.

Disconnecting the Hard Drive

Windows

The drive should be uninstalled from device manager, or unmounted using third party hot swap software.
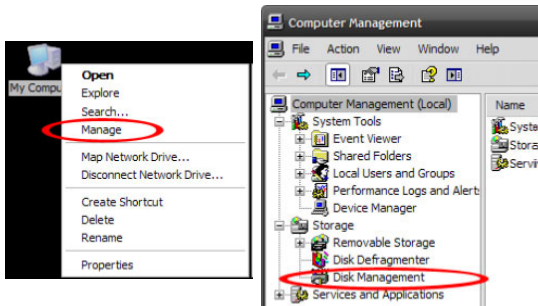
Note: Removing the connected drive while it is active in the system could result in losing or corrupting data stored on the drive.
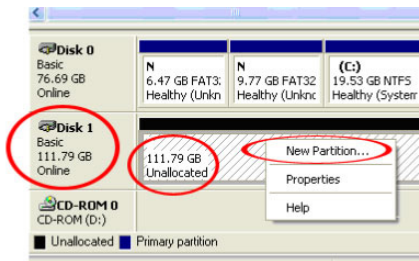
Mac OS X

To safely disconnect the attached drive from the host computer, close any windows listing the contents of the removable drive. Once all windows are closed, click on the icon for the drive on the desktop, and drag it to the Trash Can icon on the desktop. Allow 5 seconds before physically removing the enclosure/drive from the computer.

Initializing the Hard Drive

1. If the SATA Hard Drive is blank it may need to be initialized and formatted before use. From the main Windows desktop, right-click on "My Computer" ("Computer" in Vista/ 7 / 8), then select Manage. In the new Computer Management window, select Disk Management from the left window panel.

StarTech.com

Hard-to-find made easy®

2. A dialog window should automatically appear, asking you to initialize the drive. Depending on the version of Windows, it will give you the option of either creating an "MBR" or "GPT" disk. GPT (GUID partition) is required for drives larger than 2TB but is not compatible with some older operating systems, while MBR is supported by newer and older operating systems.

3. Once initialized, locate the Disk that says it is "Unallocated" (check the listed hard drive capacity to confirm it's the correct hard drive) and then right-click in the section that says "Unallocated" and select "New Partition".

4. Several on screen prompts will follow walking you through the steps to create the partition. Follow these prompts to complete partition creation.

StarTech.com
Hard-to-find made easy®

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.

For the latest drivers/software, please visit **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.

Limitation of Liability

In no event shall the liability of StarTech.com Ltd. and StarTech.com USA LLP (or their officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive, incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of or related to the use of the product exceed the actual price paid for the product. Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

StarTech.com
Hard-to-find made easy®

StarTech.com

Hard-to-find **made easy**®

Hard-to-find made easy. At StarTech.com, that isn't a slogan. It's a promise.

StarTech.com is your one-stop source for every connectivity part you need. From the latest technology to legacy products — and all the parts that bridge the old and new — we can help you find the parts that connect your solutions.

We make it easy to locate the parts, and we quickly deliver them wherever they need to go. Just talk to one of our tech advisors or visit our website. You'll be connected to the products you need in no time.

Visit www.startech.com for complete information on all StarTech.com products and to access exclusive resources and time-saving tools.

StarTech.com is an ISO 9001 Registered manufacturer of connectivity and technology parts. StarTech.com was founded in 1985 and has operations in the United States, Canada, the United Kingdom and Taiwan servicing a worldwide market.