

5.25in Bay SATA Hard Drive Mobile Rack

DRW110SAT / DRW110SATBK



*DRW110SATBK shown

*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 high quality Removable SATA Hard Drive Drawer/Mobile Rack delivers a convenient SATA hot-swap solution, allowing you to quickly swap Serial ATA hard drives in and out of a computer without having to open the computer case.

Simply install the (included) drive bay into a 5.25in drive bay on the host computer, then mount a 3.5in SATA HDD into the (removable) caddy. Connecting the SATA hard drive to the computer is as easy as inserting the caddy into the drive bay, which can be locked to prevent unauthorized removal of the installed SATA drive.

A suitable solution for large volume drives, the HDD drawer supports SATA, SATA II, and SATA III-6Gbps hard drives allowing you to swap in large amounts of data in a matter of seconds. With support for SATA HDD speeds up to 6.0 Gbps, the mobile rack/backplane is fully compatible with RAID installations to ensure maximum performance and versatility for enhanced storage applications.

The drive caddy features a rear panel ball bearing fan that helps keep the enclosed drive cool, in turn helping to optimize operation while preserving drive lifespan. To prevent damage to the hard drive(s) while being transferred in and out of the computer, the drive caddy features shock absorbers and rubber cushioning that help limit vibration/shock to the drive. This mobile rack is also compatible with DRW113-series SATA hard drive caddies.

Packaging Contents

- 1 x Hard Drive Caddy
- 1 x Drive Bay
- 2 x Keys
- 1 x Screw Kit
- 1 x Instruction Manual

System Requirements

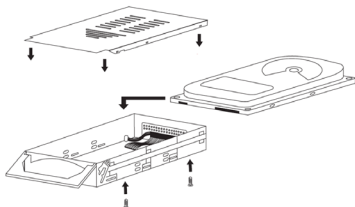
- Computer with an available 5.25 inch Drive Bay
- 1 x 7-pin SATA data cable
- Computer Power supply with available LP4 Molex power connector

Installation

Installing Hard Drive in the Caddy



WARNING! Hard drives and storage enclosures 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.

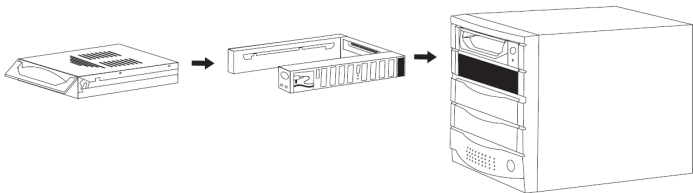


1. Remove the caddy from the bay by lifting the handle and sliding the caddy out of the bay.
2. Remove the top panel from the caddy by pressing the cover release button and sliding the lid towards the back of the caddy.
3. Connect the short SATA data cable inside the drive caddy to the hard drive.
4. Attach the SATA power cable inside the drive caddy to the hard drive.
5. Gently place the hard drive in the caddy, making sure that the screw-holes on the bottom of the hard drive line up with the holes in the caddy.
6. Firmly hold the hard drive to the shock absorber plate and use the four #6-32 x 1/4" (coarse thread) screws to mount your hard drive to the drawer from underneath.
7. Replace the top panel of the caddy.

Installing the Bay in the PC



WARNING! Computer parts can be severely damaged by static electricity. Be sure that you are properly grounded before opening your computer case. StarTech.com recommends that you wear an anti-static strap when installing any computer component. If an anti-static strap is unavailable, discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds.



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 and disconnect all peripheral devices.
2. Remove the side covers from your system and remove the front cover from an available 5.25" drive bay (see your computer's user manual for details, if necessary).
3. Insert the bay into the 5.25" bay slot, making sure that the screw-holes on the side of the bay line up with the holes in the bay slot.
4. Connect a SATA data and LP4 Molex power cable to the rear of the bay from the computer systems SATA controller and power supply respectively.

NOTE: If the drive will be hot-swapped, the SATA host controller and operating system must both support hot-swapping. The "System" drive cannot be hot-swapped, as it contains the operating system. Only secondary drives can be hot-swapped through the operating system.

5. Place the cover back onto the computer case.
6. Insert the power cable into the socket on the power supply and reconnect all other connectors removed in Step 1.

Installing the Caddy in the Bay

1. With the handle on the caddy fully raised, insert the caddy into the bay.
2. Once inserted as far as it will allow, lower the handle to firmly seat the caddy into the bay.
3. Use the provided key to lock the caddy into the bay by turning the lock counter-clockwise. The caddy must be locked in order for the drive to power up.

Removing the Drive Drawer

1. Insert the key and turn clockwise to unlock the drive drawer.
2. Lift the handle and gently pull the caddy out of the bay.

NOTE: Do not unlock the drawer when the hard drive is in use (See “Monitoring Your Hard Disk Drive and Drawer” below). Only power down the drive when the hard drive is idle. Once you have powered down the hard drive, wait about 15 seconds to let the hard drive “spin down” before removing the caddy from the bay.

Monitoring Your Hard Disk Drive and Drawer

The status LED is located on the right side of the drive drawer. It is your best indication of the hard drive’s status, and is lit when the drawer is successfully inserted and locked into the caddy.

NOTE: It is recommended that you avoid removing a drawer during hard disk activity, as doing so could damage the drive and/or data.

Specifications

Number of Drive Bays	1
Host Interface	SATA (pass through)
Host Connectors	1 x 7-pin SATA data male 1 x 4-pin LP4 Molex male
LEDs	1 x Power
Compatible Hard Drives	3.5in SATA
Fans	1 x 40mm (ball bearing)
Insertion Rating	3, 000
Enclosure Material	Plastic
Dimensions (LxWxH)	220.0mm x 148.0mm x 41.0mm
Weight	530g

Technical Support

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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.

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