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USB 3.0/eSATAp 2.5" SATA HDD/SSD Enclosure

S251SMU33EP

*actual product may vary from photos

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

Manual Revision: 08/19/2014

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.

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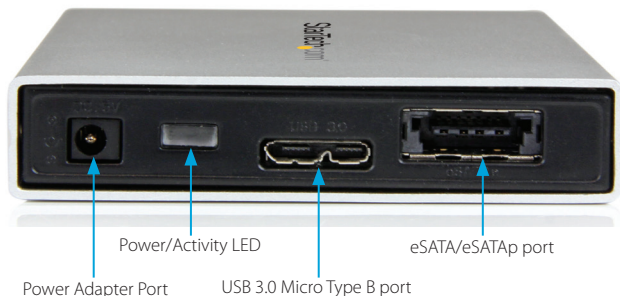
Introduction

Packaging Contents

- 1 x USB 3.0/eSATAp 2.5" SATA hard drive enclosure
- 1 x USB 3.0 cable
- 1x eSATA cable
- 1x Installation screws
- 1x Phillips head screw driver
- 1x USB to DC power cable
- 1 x Instruction manual

System Requirements

- Computer system with:
    - o available USB 3.0/2.0 port or eSATA / eSATAp port
    - o Microsoft® Windows® 2000/XP/Server 2003/Vista/Server 2008 R2/7/8 (32/64-bit), Apple® Mac® OS 9.x/10, Linux®, Google Chrome OS™
- 2.5" SATA HDD/SSD

Product Diagram

Rear View

Power/Activity LED

eSATA/eSATAp port

Power Adapter Port

USB 3.0 Micro Type B port

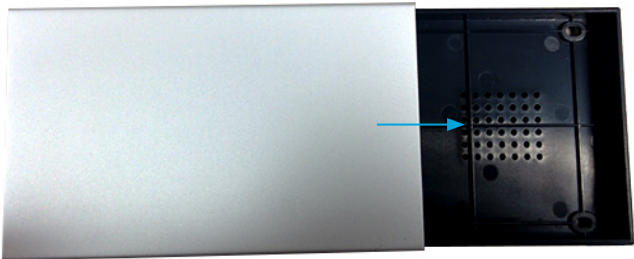**StarTech**.com
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Hardware Installation

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.
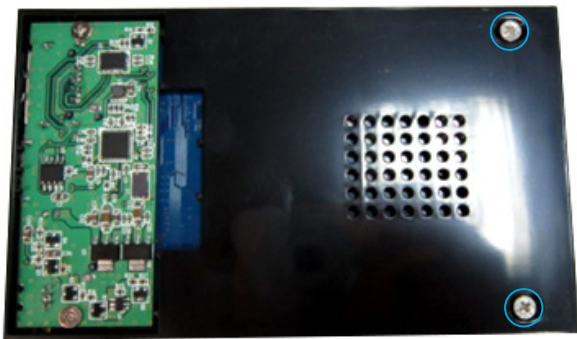
1. Slide the hard drive tray out of the enclosure.

2. Connect your 2.5" SATA SSD/HDD to the SATA connector on the drive tray.

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3. Using the included Philips head screw driver, attach your 2.5" SATA HDD/SSD to the drive tray, by driving 2 of the hard drive installation screws (larger included screws) through the stabilizing holes on the bottom of the drive tray into the bottom mounting holes on your HDD/SSD.

4. Slide the hard drive tray back inside the enclosure.

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5. Using the included Philips head screw driver, attach the hard drive tray to the enclosure, by driving 2 of the enclosure installation screws (smaller included screws) into the side hard drive tray mounting holes on the enclosure.

6. Complete installation by connecting your hard drive enclosure to your computer using eSATA/eSATAp or USB 3.0.

   a) **If using USB:**
      i. Connect the included USB 3.0 cable from the micro USB port on the hard drive enclosure to an available USB port on your computer system.

   b) **If using eSATA:**
      i. Connect the included eSATA cable from the eSATAp port on the hard drive enclosure to the eSATAp / standard eSATA port on your computer system.
      ii. Connect the included USB to DC power cable from a USB power source to the power adapter port on the enclosure.

   c) **If using eSATAp:**
      i. Connect an eSATAp cable (not included) from the eSATAp port on the hard drive enclosure to the eSATAp port on your computer system.

Note: If no eSATAp cable is available, you can use the included USB to DC Power cable to provide power to the enclosure.

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How to Use

Connecting the Hard Drive

Once the enclosure has been attached to a computer, and the OS has installed the necessary software, the drive will be accessible as though it were installed within the system.

Prior to using the drive, it will need to be formatted according to your operating system requirements. To format your newly attached hard drive, or create partitions, please see the Initializing the Hard Drive section.

Powering the Drive Enclosure

The Hard Drive enclosure is bus powered by USB 3.0 or eSATAp (eSATA + Power). If you're using a regular eSATA connection, the USB to DC Power cable is required.

LED Indicator

The hard drive enclosure offers an LED indicator, to enable you to monitor drive activity. When the enclosure is powered, the LED will illuminate. While the hard drive is being accessed, the LED will blink. 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

1. Select the "Safely remove Hardware and Eject Media" icon, located in the task bar.

2. Select the storage device from the list that appears.

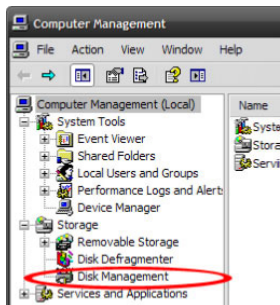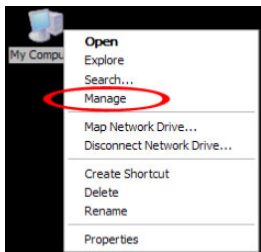3. Wait for the message indicating that it is now safe to remove the device.

Note: Removing the connected drive prior to receiving notification that it is safe to do so, could result in losing or corrupting data stored on the drive. Once the Safe to Remove Hardware message appears, please disconnect the enclosure from the computer by removing the USB connection.
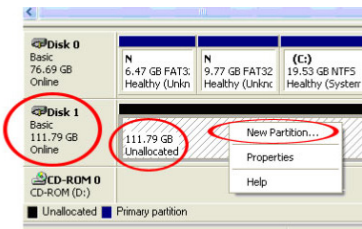
Mac OS X

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 USB storage icon 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.

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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/ 8.1), then select Manage. In the new Computer Management window, select Disk Management from the left window panel.

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 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. Follow the on screen prompts to initialize the drive in the format of your choice.

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Specifications

Host Interface	USB 3.0 / eSATAp
External Connectors	1 x USB 3.0 Micro B 1 x eSATAp
Internal Connectors	1 x 15 pin SATA Power female 1 x 7 pin SATA Data male
Maximum Data Transfer Rate	USB 3.0: 5 Gbit/s eSATA: 6 Gbit/s
Compatible Operating Systems	Windows 2000/XP/Server 2003/Vista/ Server 2008 R2/7/8/8.1 (32/64-bit), Mac OS 9/10, Linux

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