



2.5" USB 2.0/eSATA to SATA Enclosure

Quick Installation Guide

Introducing the *USB 2.0 2.5" Enclosure*

The *2.5" USB 2.0/eSATA to SATA Enclosure* is designed to support USB or eSATA equipped computers. This enclosure provides large capacity mobile storage using 2.5" SATA hard disk drives through hot-swapping USB 2.0 or eSATA interface.

Key Features and Benefits

- Quickly adds more storage space to your USB- or eSATA- enabled PC
- No driver installation required. Simply install a 2.5" SATA (3Gb/s or 1.5 Gb/s) hard disk into the enclosure then connect to a USB port or eSATA port
- Supports Hi-Speed USB 2.0 data transfer rate up to 480Mb/s
- Compliant with Universal Serial Bus 2.0 Specification

System Requirements

- Desktop or notebook PC with an available USB 2.0/3.0 or eSATA port
- Windows® 7 (32-/64-bit)) / Vista (32-/64-bit) / XP (32-/64-bit) / Server 2003 & 2008 (32-/64-bit) / 2000 SP4

Package Contents

- *2.5" USB 2.0/eSATA to SATA Enclosure*
- USB Y-split (data & power) cable
- eSATA cable
- Installation kit
- Quick installation guide

Layout



Figure 1: Layout

USB Y-split Cable

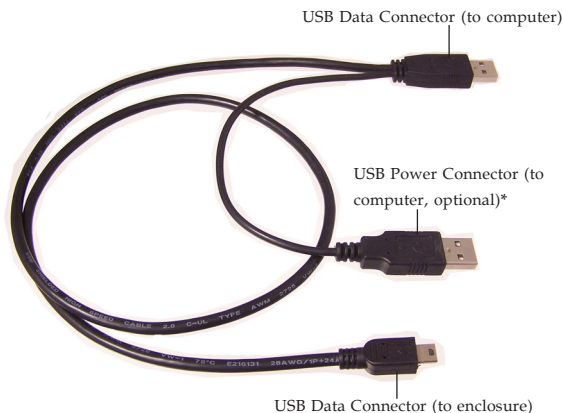


Figure 2: USB cable

***Note:** In most cases the **USB Data Connector** will supply enough power to the enclosure. If not, use the optional **USB Power Connector** to supply more power. Before proceeding, first unplug the **USB Data Connector**, then plug the **USB Power Connector** into an available USB port, then re-plug the **USB Data Connector**.

Hardware Installation

The following section guides you through the installation of your drive kit.

Installing a 2.5" Hard Drive

1. Remove the 2 screws in each side, see **Figure 3**. Slide the top cover out of the case, then slide the lower cover out of the case, see **Figure 4**.



Figure 3



Figure 4

2. Take off the PCB and connect it to the hard disk drive, see **Figure 5** and **Figure 6**.

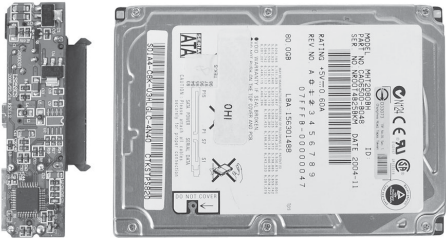


Figure 5

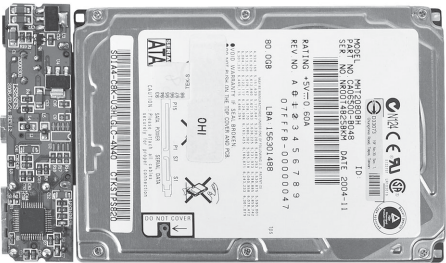


Figure 6

- Put the installed PCB with hard disk drive into the hard disk drive tray, see **Figure 7**.

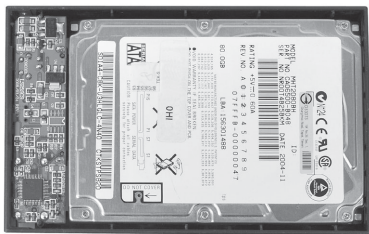


Figure 7

- Hold onto the hard disk drive and turn the hard disk drive tray over. Secure the hard disk drive with four mounting screws, see **Figure 8**.

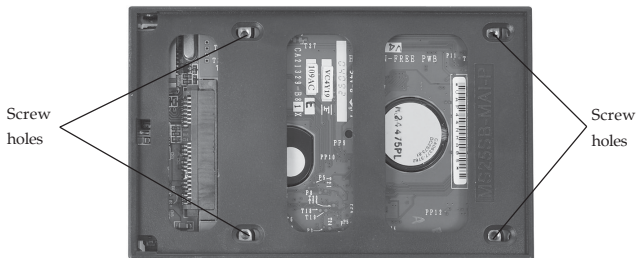


Figure 8

5. Slide the lower cover back into the case and secure it with the two mounting screws, then slide the upper cover back into the case and secure it with the two mounting screws.
6. Connect the enclosure to the computer via USB or eSATA.

USB cable: Use the included USB 2.0 data cable to plug the 2.5" USB 2.0/eSATA to SATA Enclosure into the computer. Plug the optional USB power cable into a reliable USB port.

Note: In most cases the **USB Data Connector** will supply enough power to the enclosure. If not, use the optional **USB Power Connector** to supply more power. Before proceeding, first unplug the **USB Data Connector**, then plug the **USB Power Connector** into an available USB port, then re-plug the **USB Data Connector**.

eSATA cable: Use the included eSATA data cable to plug the *2.5" USB 2.0/eSATA to SATA Enclosure* into the computer. Plug the optional USB power cable into a reliable USB port at all times.

7. The *2.5" USB 2.0/eSATA to SATA Enclosure* will turn on automatically. Make sure that the **LED** is lit.

Go to **Driver Installation** to complete the installation in the next page.

Driver Installation

Windows will automatically detect and install drivers for the *2.5" USB 2.0/eSATA to SATA Enclosure*. No additional driver installation is needed.

Using the 2.5" USB 2.0/eSATA to SATA Enclosure

An additional drive icon will appear in **My Computer** or **Computer** when the enclosure is plugged into a USB or eSATA port. The drive acts just like a conventional hard drive in your system.

eSATA hot-plug: If your eSATA controller does not support hot-plug, the enclosure will not get recognized. Follow the instructions below when you hot-plug the enclosure.

1. *For Windows 7:* Right click **Computer**, click **Manage**, click **Device Manager**.

For Windows Vista: Right click **Computer**, click **Manage**, click **Continue**, click **Device Manager**.

For Windows 2000 / XP / Server 2003: Right click **My Computer**, click **Manage**, click **Device Manager**.

For Windows Server 2008: Right click **Computer**, click **Manage**, double click **Diagnostics**, click **Device Manager**.

2. Right click **Disk drives**, then click **Scan for hardware changes**.
3. Your HDD should now appear.

Disconnecting From The Computer

Before unplugging the *2.5" USB 2.0/eSATA to SATA Enclosure* from the computer, follow the steps below for your version of Windows. The same rule applies when turning off the Enclosure. *Not following the instructions may result in data corruption or damage to the hard drive.*

USB Connection

Windows 7

1. Verify that the **LED** is not flashing before proceeding.
2. Click **Show hidden icons**, click the **Safely Remove Hardware and Eject Media** icon located in the system tray by the system clock.
3. Click **Eject USB to Serial-ATA bridge**.
4. You can now unplug or turn off the *2.5" USB 2.0/eSATA to SATA Enclosure*.

Windows Vista / Server 2008

1. Verify that the **LED** is not flashing before proceeding.
2. Click the **Safely Remove Hardware** icon located in the system tray by the system clock.
3. Click **Safely remove USB Mass Storage Device**, then click **OK**.
4. You can now unplug or turn off the 2.5" *USB 2.0/eSATA to SATA Enclosure*.

Windows XP / Server 2003

1. Verify that the **LED** is not flashing before proceeding.
2. Double click the **Safely Remove Hardware** icon located in the system tray by the system clock.
3. Highlight **Mass Storage Device**, click **Stop, OK, OK** then **Close**.
4. You can now unplug or turn off the 2.5" *USB 2.0/eSATA to SATA Enclosure*.

Windows 2000 SP4

1. Verify that the **HDD** LED is ON or not blinking.
2. Double click the **Unplug or Eject Hardware** icon located in the system tray by the system clock.
3. Highlight **USB Mass Storage Device**, click **Stop, OK, OK**, then click **Close**.
4. You can now unplug or turn off the 2.5" *USB 2.0/eSATA to SATA Enclosure*.

eSATA Connection

1. Check in Device Manager to verify successful driver installation.
For Windows 7: Right click **Computer**, click **Manage**, click **Device Manager**.
For Windows Vista: Right click **Computer**, click **Manage**, click **Continue**, click **Device Manager**.
For Windows 2000 / XP / Server 2003: Right click **My Computer**, click **Manage**, click **Device Manager**.

For Windows Server 2008: Right click **Computer**, click **Manage**, double click **Diagnostics**, click **Device Manager**.

2. Click on the + (plus sign) in front of **Disk drives**.
3. Right click the model number of the hard drive and click **Uninstall**, then click **OK**.
4. You can now unplug or turn off the *2.5" USB 2.0/eSATA to SATA Enclosure*.

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Technical Support and Warranty

QUESTIONS? SIIG's **Online Support** has answers! Simply visit our web site at www.sii.com and click **Support**. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and a technical support analysts will promptly respond.

SIIG offers a 5-year manufacturer warranty with this product. This warranty covers the original purchaser and guarantees the product to be free of any defects in materials or workmanship for five (5) years from the date of purchase of the product.

SIIG will, at our discretion, repair or replace (with an identical product or product having similar features and functionality) the product if defective in materials or workmanship. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Please see our web site for more warranty details.

If you encounter any problems with this product, please follow the procedures below.

A) If it is within the store's return policy period, please return the product to the store where you purchased from.

B) If your purchase has passed the store's return policy period, please follow the steps below to have the product repaired or replaced.

Step 1: Submit your RMA request.

Go to www.sii.com, click **Support**, then **REQUEST A PRODUCT REPLACEMENT** to submit a request to [SIIG RMA](#) or fax a request to 510-657-5962. Your RMA request will be processed, if the product is determined to be defective, an RMA number will be issued.

Step 2: After obtaining an RMA number, ship the product.

- Properly pack the product for shipping. All accessories that came with the original package must be included.
- Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton.
- You are responsible for the cost of shipping to SIIG. Ship the product to the following address:

SIIG, Inc.

6078 Stewart Avenue

Fremont, CA 94538-3152, USA

RMA #: _____

- SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer.

About SIIG, Inc.

Founded in 1985, SIIG, Inc. is a leading manufacturer of IT connectivity solutions (including Serial ATA and Ultra ATA Controllers, FireWire, USB, and legacy I/O adapters) that bridge the connection between Desktop/Notebook systems and external peripherals. SIIG continues to grow by adding A/V and Digital Signage connectivity solutions to our extensive portfolio.

SIIG products offer comprehensive user manuals, many user-friendly features, and are backed by an extensive manufacturer warranty. High quality control standards are evident by the overall ease of installation and compatibility of our products, as well as one of the lowest defective return rates in the industry. SIIG products can be found in computer retail stores, mail order catalogs, through major distributors, system integrators, and VARs in the Americas and the UK, and through e-commerce sites.

PRODUCT NAME

2.5" USB 2.0/eSATA to SATA Enclosure

**FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B
OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE**

FCC COMPLIANCE STATEMENT:

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.

THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE

SIIG, Inc.

6078 Stewart Avenue

Fremont, CA 94538-3152, USA

Phone: 510-657-8688

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