

## USB 3.1 (10Gbps) Enclosure for 2.5" SATA Drives

S251BMU313



\*actual product may vary from photos

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For the latest information, technical specifications, and support for this product, please visit [www.startech.com/S251BMU313](http://www.startech.com/S251BMU313).

## 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)

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# Introduction

Use the S251BMU313 to turn your 2.5 in. solid-state or hard drive into a fast and portable external storage solution for desktops, laptops, or netbooks. The lightweight and compact design of the enclosure makes it easy to take with you, while the durable aluminum housing ensures that the enclosure won't be damaged in your laptop bag or carrying case. The enclosure easily connects to a host computer through USB 3.1 Gen 2 (10Gbps) and no external power source is required. It comes with a USB A to Micro B cable, which provides backward compatibility with existing USB ports or hardware.

## Packaging contents

- 1 x USB 3.1 to SATA enclosure
- 1 x USB cable
- 1 x 7 mm to 9.5 mm SSD spacer
- 1 x protective case
- 4 x assembly screws
- 1 x screwdriver
- 1 x quick install guide

## System requirements

- USB-enabled computer system with an available USB port

The S251BMU313 is OS independent and doesn't require any additional drivers or software.

**Note:** To obtain the maximum USB throughput, you must use a system with a USB 3.1 Gen 2 port.

System requirements are subject to change. For the latest requirements, please visit [www.startech.com/S251BMU313](http://www.startech.com/S251BMU313).

# Product diagram



Micro-USB B port



Micro-USB B port

LED indicator

# Install a drive

**Warning!** Hard drives and storage enclosures should be handled carefully, especially when they're transported. If you're not careful with your hard drive, you may lose data as a result. Make sure that you're properly grounded by wearing an anti-static strap when you install any computer component. If an anti-static strap isn't available, touch a large grounded metal surface for several seconds to discharge any built-up static electricity.

1. Use the provided screwdriver to remove the four small screws from the bottom of the enclosure.
2. Pull the two halves of the enclosure apart.
3. Gently slide the connectors on your drive into the corresponding connectors on the enclosure. The connectors on your drive are keyed so that the drive only fits into the enclosure one way.

**Note:** If you're using a 7 mm drive, use the provided 7 mm to 9 mm spacer.

4. To reassemble the enclosure, place the two halves together and replace the four small screws in the bottom of the enclosure.

## Connect a drive to your computer

- After you install a drive in the enclosure, connect the USB cable to the USB port on your computer and the Micro-USB B port on the enclosure.

When you connect the enclosure to your computer and the OS automatically installs the necessary software, the drive is accessible as though it's installed internally in the system. Before you use the drive, you need to prepare it for use and format it according to the requirements of your OS. For more information, see the *Prepare a drive for use* topic.

**Note:** The enclosure doesn't require an external power supply, as it receives enough power through the USB bus that it's connected to.

## Prepare a drive for use

### Windows OS

If you install a drive that already has data on it, after you insert the drive, it appears under **My Computer** or **Computer** with a drive letter assigned to it.

If you install a brand-new drive that doesn't contain any data, you must prepare the drive for use.

**Warning!** When you complete the following steps, all of the data on your drive will be deleted. If your drive has data on it that you require, you should create a backup file or use a different drive.

1. Depending on the version of OS that you're running, do one of the following:
    - On your desktop, right-click **My Computer** and click **Manage**.
    - On your desktop, right-click **Computer** and click **Manage**.
    - Click the **Start** button or **Windows** icon. Enter **compmgmt.msc** and press **Enter**.
  2. On the **Computer Management** screen, click **Disk Management**.
  3. A dialog window appears that asks you to initialize the drive. Depending on the version of Windows that you're running, you have the option to create either an **MBR** or a **GPT** disk.
- Note:** GPT (GUID partition) is required for drives larger than 2 TB, but GPT isn't compatible with some earlier versions of operating systems. MBR is supported by both earlier and later versions of operating systems.
4. Locate the disk that is labeled as **Unallocated**. To confirm that the drive is the correct one, check the drive capacity.
  5. Right-click the section of the window that says **Unallocated** and click **New Partition**.
  6. To initialize the drive in the format of your choice, complete the on-screen instructions.

When the drive is successfully installed, it appears under **My Computer** or **Computer** with a drive letter assigned to it.

## Mac OS

If you install a brand-new drive that doesn't contain any data, you must prepare the drive for use.

**Warning!** When you complete the following steps, you create a partition that uses the entire drive space.

1. Do one of the following:
  - In **Spotlight**, enter **Disk Utility**.
  - Open **Finder**. Navigate to **Applications** and click **Utilities**. Open **Disk Utility**.
2. Select the new drive and click the **Partition** tab.
3. Enter a name for the partition.
4. Click **Apply**.

The drive should now appear on your desktop and be accessible in **Finder**.

# Disconnect a drive

## Windows

If you're using a computer that's running a version of Windows, complete the following:

1. On the task bar on your desktop, click the **Safely Remove Hardware and Eject Media** icon.
2. Click **Eject USB Device**.
3. When the **Safe to Remove Hardware** message appears, disconnect the USB cable from the enclosure and your computer.

**Warning!** If you disconnect the drive before you receive a notification that says it's safe to do so, you could experience lost or corrupted data.

## Mac OS

If you're using a computer that's running a version of Mac OS, complete the following:

1. Close any of the windows that list the contents of the removable drive.
2. On the desktop, click the **USB storage** icon and drag it onto the **trash can** icon on your desktop.
3. Wait 5 seconds and then disconnect the USB cable from the enclosure and your computer.

## About the LED indicator

The S251BMU313 features a power and activity LED (white) indicator. For more information, see the table below.

LED behavior	Significance
LED is illuminated	The drive enclosure is receiving power
LED is illuminated and blinking	The drive is being accessed

**Warning!** Don't disconnect the drive from your computer when the LED is blinking, as doing so could damage the drive and you could experience lost or corrupted data.

# 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](http://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](http://www.startech.com/downloads)

# Warranty information

This product is backed by a two-year warranty.

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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