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M.2 NGFF SATA Enclosure | USB 3.1 (10Gbps)



Actual product may vary from photos

User Manual

SKU#: SM21BMU31C3

For the latest information and specifications visit
www.startech.com/SM21BMU31C3

Manual Revision: 06/20/2019

Compliance Statements

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

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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Safety Statements

Safety Measures

- Wiring terminations should not be made with the product and/or electric lines under power.
- Cables (including power and charging cables) should be placed and routed to avoid creating electric, tripping or safety hazards.

Mesures de sécurité

- Les terminaisons de câblâge ne doivent pas être effectuées lorsque le produit et/ou les câbles électriques sont sous tension.
- Les câbles (y compris les câbles d'alimentation et de chargement) doivent être placés et acheminés de façon à éviter tout risque électrique, de chute ou de sécurité

安全対策

- 電源が入っている状態の製品または電線の終端処理を行わないでください。
- ケーブル（電源ケーブルと充電ケーブルを含む）は、適切な配置と引き回しを行い、電気障害やつまづきの危険性など、安全上のリスクを回避するようにしてください。

Misure di sicurezza

- I terminiali dei fili elettrici non devono essere realizzate con il prodotto e/o le linee elettriche sotto tensione.
- I cavi (inclusi i cavi di alimentazione e di ricarica) devono essere posizionati e stesi in modo da evitare pericoli di inciampo, rischi di scosse elettriche o pericoli per la sicurezza.

Säkerhetsåtgärder

- Montering av kabelavslutningar får inte göras när produkten och/eller elledningarna är strömförda.
- Kablar (inklusive elkablar och laddningskablar) ska dras och placeras på så sätt att risk för snubblingsolyckor och andra olyckor kan undvikas.

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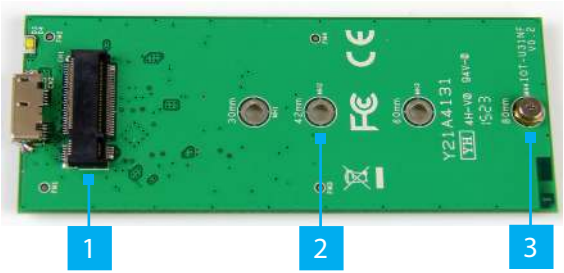
Product Diagram

Front View



1	*Drive Tray Screw*
2	*USB 3.1 Micro-B Port*
3	*Drive Tray Screw*

Internal View



1	*M.2 NGFF Key B Drive Connector*
2	*Drive Length Adjustable Holes (x 4)*
3	*Drive-Mount Hardware (Screw and Standoff)*

Product Information

Package Contents

- M.2 NGFF SATA Enclosure - USB 3.1 x 1
- USB C to Micro B Cable x 1
- Assembly Screws x 4
- Set of M.2 Drive-Mount Hardware x 1
- Screwdriver x 1
- User Manual x 1

Requirements

System requirements are subject to change. For the latest requirements, please visit www.startech.com/SM21BMU31C3.

- An available USB connector
- An M.2 NGFF SATA Solid State Drive (SSD)

Installing a Hard Drive

Warning! *Hard Drives should be handled carefully, especially when they're transported. If you're not careful with your drives, you may lose data as a result. Make sure that you are 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. Using the **Screwdriver** (included), remove the two **Drive Tray Screws** from the **Faceplate**.
2. Slide the **Drive Tray** out of the **Hard Drive Enclosure**.
3. Place your **Hard Drive** next to the **Drive Tray** measuring the length of the **Hard Drive** to determine the **Drive Length Hole** that match the length of the **Hard Drive** (30, 42, 60 or 80 mm).
4. Place the **Mounting Hardware** (Standoff) and **Nut** in the **Drive Length Hole** that matches the length of the **Hard Drive** and tighten them.
5. Gently slide the **M.2 Connector** on the **Hard Drive** into the **M.2 Connector** on the **Hard Drive Enclosure**.

   Note: *The connector on your drive is keyed so that it only fits one way.*
6. Gently press the **Hard Drive** down aligning it with the **Standoff**.
7. Place the **Screw** into the **Standoff** and tighten the screw to secure the **Hard Drive** in place.

8. Slide the **Drive Tray** back into the **Hard Drive Enclosure** so that the **USB 3.1 Micro-B Connector** is facing outward.
9. Place the **Faceplate** over the **Connector**.
10. Secure the **Faceplate** in place by inserting two **Drive Tray Screws** on either side of the **USB 3.1 Micro-B Port** on the front of the **Hard Drive Enclosure** and use the **Screwdriver** to tighten the **Drive Tray Screws**.

Connecting the Hard Drive Enclosure

Note: *The* **Hard Drive Enclosure** *does not require an external power supply, as it receives enough power through the USB port on the* **Host Computer**.

After you have installed a **Hard Drive** in the **Hard Drive Enclosure**:

- Connect the **USB C to Micro B Cable** (included) to the **USB 3.1 Micro-B Port** on the **Hard Drive Enclosure** and to a USB 3.1 port on the **Host Computer**. The **Host Computer's OS** will automatically install the necessary drives.

  Note: *Before you use the* **Hard Drive**, *you need to format it according to the requirements of your OS. For more information about how to do so, see the* *Formatting a Hard Drive section.*

Formatting a Hard Drive

If you install a Hard Drive that already has data on it, after you insert the Hard Drive, it appears under **My Computer** or **Computer** with a drive letter assigned to it. If you install a brand-new Hard Drive that doesn't contain any data, you must format the Hard Drive.

If you use a computer that is running a version of Windows®, complete the following:

1. On the taskbar, click the **Windows** icon.
2. In the **Search** field, type **Disk Management**.
3. In the search results, click **Disk Management**.
4. A dialog window appears that asks you to initialize the Hard Drive. Depending on the version of Windows that you are running, you have the option to create either an MBR or a GPT disk.

   Note: *GPT (GUID partition) is required for drives that are 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.*
5. Locate the disk that is labeled **Unallocated**. To confirm that the drive is the correct one, check the drive capacity.
6. Right-click the section of the window that says **Unallocated** and click **New Partition**.
7. To initialize the drive in the format of your choice, complete the on-screen instructions.

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

Disconnecting a Hard Drive

If the computer that you are using is running a version of Windows, complete the following steps:

1. On the task bar notification area on your desktop, click the **Safely remove Hardware and Eject Media** icon.
2. Click the storage device that you want to remove.
3. When the message appears indicating that it's safe to remove the device, disconnect the drive.

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

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

1. Close any windows that list the contents of the drive.
2. On your desktop, click the **USB Storage** icon and drag it onto the **trash can** icon on your desktop.
3. Wait 5 seconds and then remove the drive from the duplicator dock.

Warranty Information

This product is backed by a two-year warranty.

For further information on product warranty terms and conditions, please refer to www.startech.com/warranty.

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