



# StarTech M2E1BRU31C USB 3.2 Gen 2 Type C IP67 Rugged NVMe Enclosure User Guide

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**StarTech M2E1BRU31C USB 3.2 Gen 2 Type C IP67 Rugged NVMe Enclosure**



## Product Information

The USB 3.2 Gen 2 Type C IP67 Rugged NVMe Enclosure (M2E1BRU31C) is a high-performance external storage enclosure designed to house M.2 solid-state drives (SSDs). It features a rugged and waterproof design, making it suitable for use in harsh environments. The enclosure supports USB 3.2 Gen 2 Type C connectivity, providing fast data transfer speeds.

## Product Diagram

### Exterior



Component		Function
1	Power LED	<ul style="list-style-type: none"><li>• <b>Solid:</b> Indicates that the <b>Enclosure</b> is receiving power.</li><li>• <b>Flashing:</b> Indicates that the <b>Drive</b> activity.</li></ul>
2	USB-C Port	<ul style="list-style-type: none"><li>• Used to connect the <b>Enclosure</b> to the <b>Host Computer</b>.</li></ul>

### Interior



Component		Function
3	Drive-Bay Screws x 4	• Used to secure the <b>Drive Bay Cover</b> in the <b>Enclosure</b> .
4	Drive Connector	• Used to connect the <b>Drive</b> to the <b>Enclosure</b> .
5	Adjustable Drive Length Holes	• Used to accommodate different drive lengths.
6	Drive-Mount Screw/ Nut	• Used to secure the <b>Drive</b> to the <b>Enclosure</b> .

## Requirements

For the latest requirements and full manual, please visit [www.startech.com/M2E1BRU31C](http://www.startech.com/M2E1BRU31C)

## Installation

**Warning!** 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.

### Installing an 80 mm Drive

1. Using the Torx Screwdriver (included), remove the Drive-Cover Screws (x 4) from the bottom of the Enclosure and remove the Cover Plate.
2. Place the Drive next to the Drive Tray and align the screw groove on the Drive with the Adjustable Drive Length Holes on the Drive Tray.
3. Use the Torx Screwdriver and to remove the Drive-Mount Screw from the Enclosure.
4. Gently slide the connector on the Drive (on a 30-degree angle) into the Drive Connector on the Enclosure.  
**Note:** The connector on your drive is keyed so that it only fits one way.
5. Lightly push the Drive down into position on the circuit board.
6. Insert the Drive-Mount Screw through the screw groove on the Drive and into the Drive-Mount Screw Hole on the Enclosure.
7. Using the Torx Screwdriver tighten the Drive-Mount Screw, being careful not to over-tighten.
8. Place the Cover Plate back onto the bottom on the Enclosure. Make sure that the Cover Plate is properly aligned with the top of the Enclosure creating a tight seal and that nothing is obstructing the Cover Plate, in order to provide a water and dust resistance seal.
9. Insert the Drive-Cover Screws back into the four corner on the bottom of the Enclosure.

10. Use the Torx Screwdriver to tighten the Drive-Tray Screws.
11. Remove the backing from the Adhesive Strips and position them overtop of the Drive-Cover Screws (two screws per Adhesive Strip) on the bottom of the Enclosure, sealing the Drive-Cover Screws.

### Installing a 42 mm or 60 mm Drive

1. Using the Torx Screwdriver (included), remove the Drive-Cover Screws (x 4) from the bottom of the Enclosure and remove the Cover Plate.
2. Place the Drive next to the Drive Tray and align the screw groove on the Drive with the Adjustable Drive Length Holes on the Drive Tray.
3. Insert the Standoff into the correct Adjustable Drive Length Hole (60 or 42) according to the length of the Drive.
4. Gently slide the connector on the Drive (on a 30-degree angle) into the Drive Connector on the Enclosure.  
**Note:** The connector on your drive is keyed so that it only fits one way.
5. Lightly push the Drive down into position on the circuit board.
6. Insert the Drive-Mount Screw through the screw groove on the Drive and into the Standoff.
7. Place the Cover Plate back onto the bottom on the Enclosure. Make sure that the Cover Plate is properly aligned with the top of the Enclosure creating a tight seal and that nothing is obstructing the Cover Plate, in order to provide a water and dust resistance seal.
8. Insert the Drive-Cover Screws back into the four corner on the bottom of the Enclosure.
9. Use the Torx Screwdriver to tighten the Drive-Tray Screws.
10. Remove the backing from the Adhesive Strips and position them overtop of the Drive-Cover Screws (two screws per Adhesive Strip) on the bottom of the Enclosure, sealing the Drive-Cover Screws.

## Connecting

### Connecting a Drive to a Computer

When the Enclosure is connected to the Host Computer the OS will automatically install the necessary software.

**Note:** The Enclosure does not require an external power supply, as it receives enough power through the USB port that it is connected to. However, not all USB ports may be able to provide enough power to power the Enclosure.

- Connect a USB-C Cable to the USB-C Port on the Enclosure and to a USB port on the Host Computer.

### Disconnecting a 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 Host Computer's OS is Windows, complete the following steps:

1. On the Notification tray, 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.

If the Host Computer's OS is macOS, complete the following steps:

1. Close any windows that list the contents of the drive.
2. On your desktop, click and drag the USB Storage icon onto the Trash Can icon on your desktop.

3. Wait 5 seconds, then disconnect the drive.

## Warranty

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

### Limitation of Liability

In no event shall the liability of StarTech.com Ltd. and StarTech.com USA LLP (or their officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive, incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of or related to the use of the product exceed the actual price paid for the product. Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

### Safety Measures

If product has an exposed circuit board, do not touch the product under power.

## 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.

### CAN ICES-3 (B)/NMB-3(B)

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

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## Documents / Resources

	<a href="#">StarTech M2E1BRU31C USB 3.2 Gen 2 Type C IP67 Rugged NVMe Enclosure</a> [pdf] User Guide M2E1BRU31C, M2E1BRU31C USB 3.2 Gen 2 Type C IP67 Rugged NVMe Enclosure, USB 3.2 Gen 2 Type C IP67 Rugged NVMe Enclosure, Gen 2 Type C IP67 Rugged NVMe Enclosure, Type C IP67 Rugged NVMe Enclosure, IP67 Rugged NVMe Enclosure, Rugged NVMe Enclosure, NVMe Enclosure, Enclosure
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## References

- [holders.fr](#)
- [StarTech.com | IT Pro's Trusted Source for Connectivity Accessories](#)
- [StarTech.com | IT Pro's Trusted Source for Connectivity Accessories](#)
- [StarTech.com Support](#)
- [StarTech.com Warranty Policy](#)