

SABRENT EC-SNVE

SABRENT USB 3.2 Type-C Tool-Free Enclosure User Manual

Model: **EC-SNVE**

For M.2 PCIe NVMe and SATA SSDs

1. INTRODUCTION

Thank you for choosing the SABRENT USB 3.2 Type-C Tool-Free Enclosure (Model: EC-SNVE). This enclosure provides a convenient and high-speed solution for converting your M.2 PCIe NVMe or SATA SSD into a portable external storage device. Its tool-free design ensures quick and easy installation, making it ideal for data transfer, backups, and expanding storage capacity.

This manual provides detailed instructions for setting up, operating, and maintaining your enclosure, along with troubleshooting tips and product specifications.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- SABRENT USB Tool-free Enclosure (EC-SNVE)
- 8-inch Type-C to Type-C cable
- Instruction manual (this document)



Image: The SABRENT USB 3.2 Type-C Tool-Free Enclosure shown alongside its included USB-C to USB-C cable.

3. SETUP AND INSTALLATION

The SABRENT EC-SNVE enclosure features a 100% tool-free design for quick and easy SSD installation.

1. **Open the Enclosure:** Locate the release button at the end of the enclosure. Press the button firmly to release the internal tray. The enclosure will open, allowing access to the SSD slot.

We Have You Covered

Perfect for all your creative pursuits: saving, creating and editing.

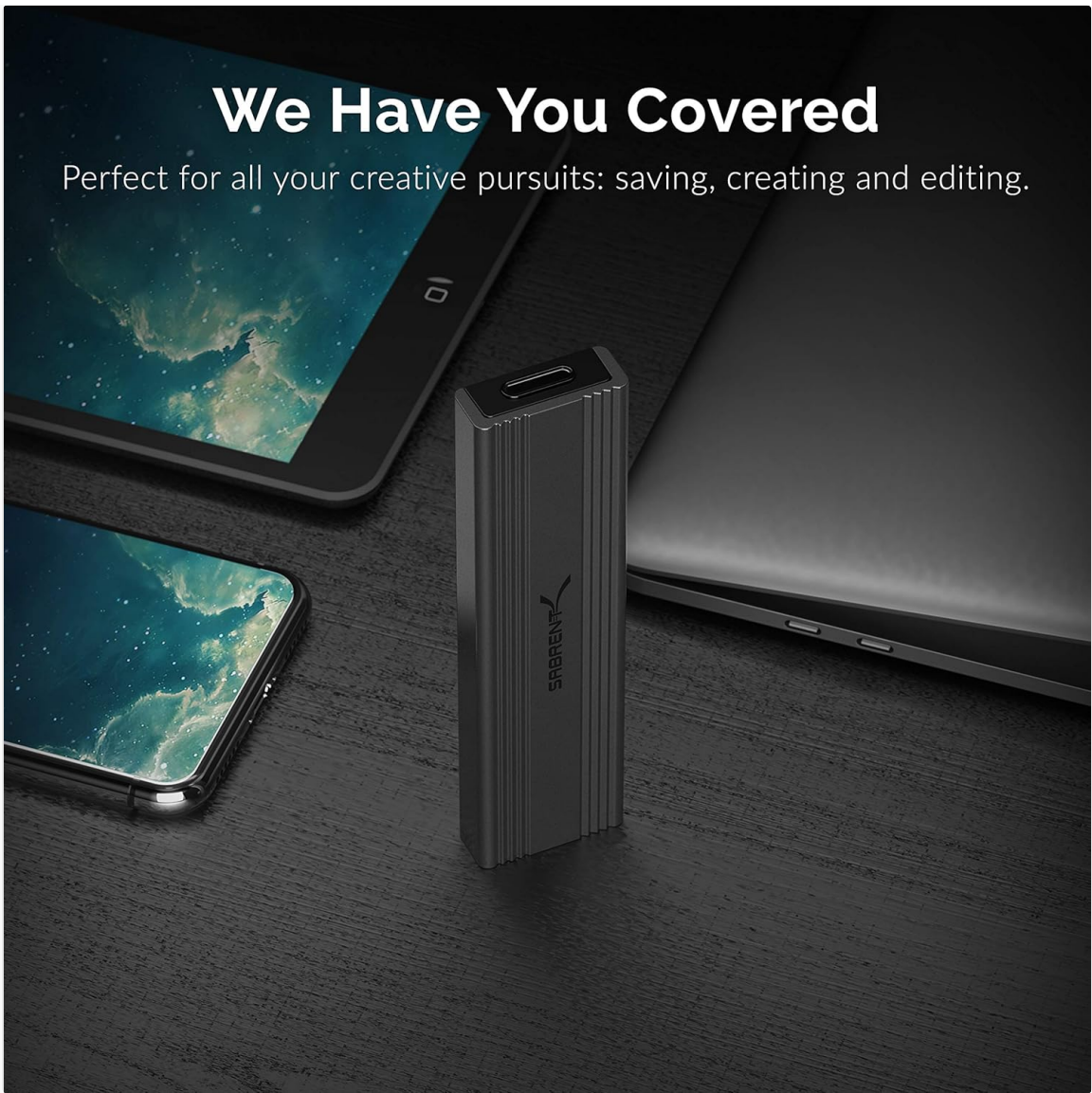


Image: Illustration demonstrating the tool-free opening mechanism of the enclosure. Pressing the button allows the top cover to pivot open.

2. **Insert the SSD:** Gently slide your M.2 NVMe or SATA SSD into the designated slot on the internal tray. Ensure the SSD is fully seated. The enclosure supports M.2 form factors 2242, 2260, and 2280.

Type-C Compatible

Plug and Play, no driver required!



No External
Power Needed



No Drivers
Needed



Type-C
Compatible

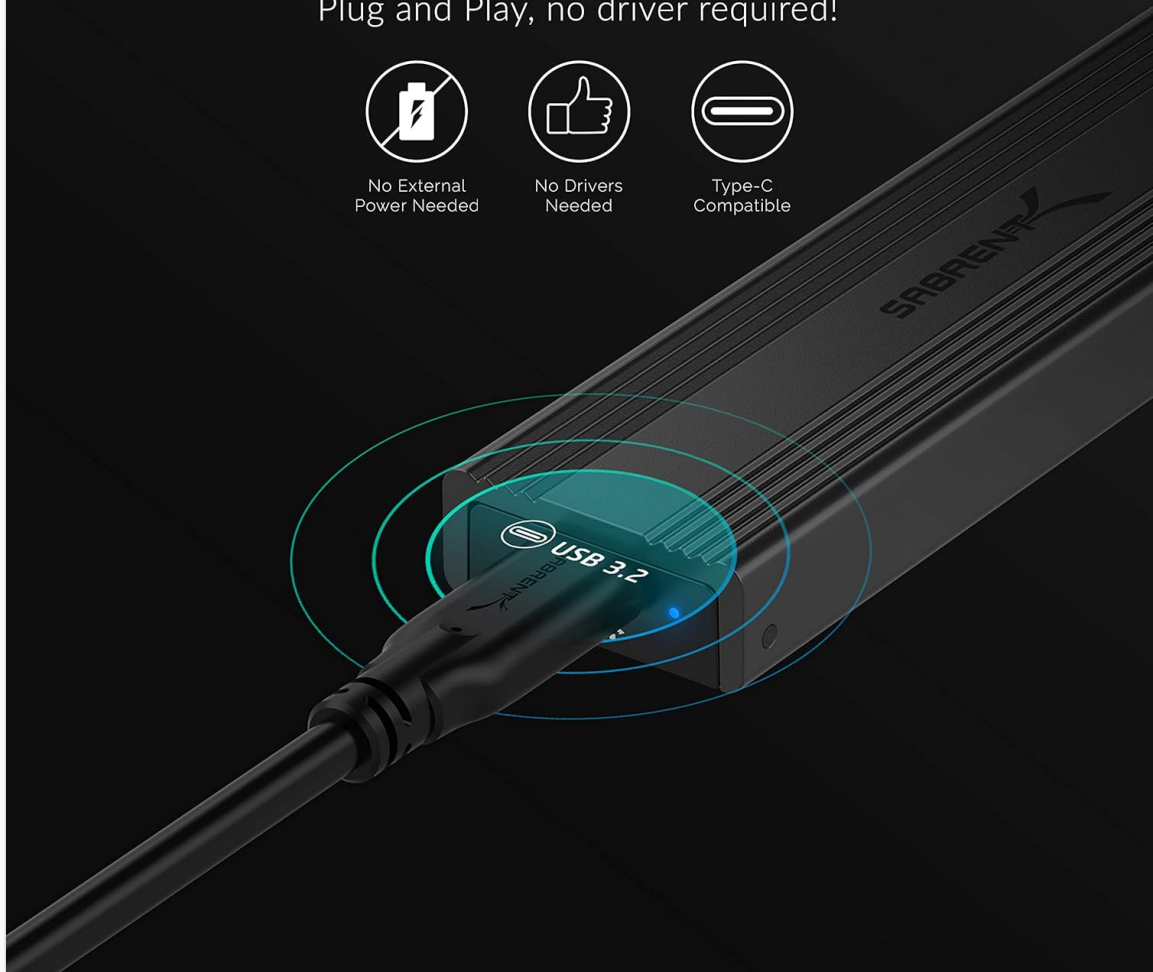


Image: A close-up view of an M.2 SSD being inserted into the enclosure's internal connector, highlighting the tool-free installation.

3. **Close the Enclosure:** Carefully close the enclosure until it clicks securely into place. No screws or additional tools are required.
4. **Connect to Device:** Use the provided USB Type-C to Type-C cable to connect the enclosure to a compatible USB 3.2 Type-C port on your computer or device. The enclosure is bus-powered and does not require an external power supply.



Image: The SABRENT enclosure connected to a laptop, demonstrating its use as an external storage device.

5. **Driver Installation:** The enclosure is Plug & Play, meaning no additional drivers are required for most operating systems (Windows, macOS, Linux). Your system should automatically detect the new storage device.

4. OPERATING INSTRUCTIONS

Once connected, the SABRENT EC-SNVE enclosure functions as a high-speed external drive.

- **Data Transfer:** The enclosure supports USB 3.2 Gen 2, providing data transfer speeds of up to 10Gbps (1000MB/s). This allows for rapid copying and transferring of large files, such as 4K content, videos, and extensive data sets. It is backward compatible with USB 3.1 and USB 3.0 at their respective speed limits.

Lightning Fast Speed

Supports data transfer speed up to 10Gbps.

10 Gbps

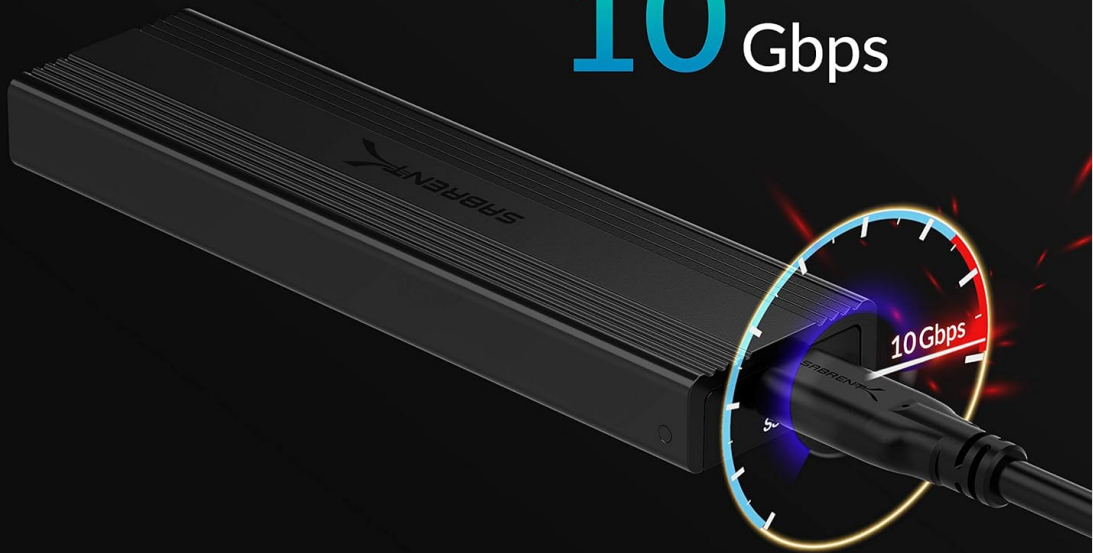


Image: A visual representation highlighting the enclosure's lightning-fast 10Gbps data transfer capability.

- **Compatibility:** This enclosure is compatible with both M.2 PCIe NVMe and M.2 SATA SSDs. Ensure your SSD is an M.2 form factor.
- **Usage:** You can use the enclosure for various purposes, including:
 - Expanding storage for laptops, desktops, or gaming consoles.
 - Creating a portable backup solution.
 - Cloning existing drives for system upgrades.
 - Accessing data from old M.2 SSDs.

5. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your SABRENT EC-SNVE enclosure, follow these guidelines:

- **Heat Management:** The enclosure features an aluminum case and a thermal pad (Sandwich Design) for efficient heat dissipation. It is normal for the enclosure to become warm during prolonged high-speed data transfers, as this indicates effective heat transfer away from the SSD. Avoid obstructing the enclosure's surface during heavy use to allow for proper cooling.

Industrial Quality

High quality materials for an exceptional performance.



Image: An illustration demonstrating the "Sandwich Design" of the enclosure, which ensures proper contact with the thermal pad for effective heat dissipation, contrasting it with less effective "Slide-In" designs.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the enclosure. Do not use liquid cleaners or solvents, as they may damage the finish or internal components.
- **Storage:** When not in use, store the enclosure in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** While durable, avoid dropping the enclosure or subjecting it to strong impacts, which could damage the internal SSD or the enclosure itself.

6. TROUBLESHOOTING

If you encounter issues with your SABRENT EC-SNVE enclosure, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Enclosure not detected by computer.	<p>Loose cable connection.</p> <p>SSD not properly seated.</p> <p>Incompatible SSD or faulty SSD.</p> <p>USB port issue on computer.</p> <p>SSD not initialized or formatted (for new SSDs).</p>	<p>Ensure the USB-C cable is securely connected to both the enclosure and the computer. Try a different USB-C port.</p> <p>Re-open the enclosure and ensure the SSD is fully inserted into its slot.</p> <p>Verify your SSD is an M.2 NVMe or SATA type. Test the SSD in another compatible device if possible.</p> <p>Try connecting the enclosure to a different computer or a different USB port on the same computer.</p> <p>For new SSDs, go to Disk Management (Windows) or Disk Utility (macOS) to initialize and format the drive.</p>
Slow data transfer speeds.	<p>Connected to a slower USB port (e.g., USB 2.0 or USB 3.0).</p> <p>Cable quality issue.</p> <p>SSD performance limitations.</p>	<p>Ensure you are connected to a USB 3.2 Gen 2 (10Gbps) compatible port on your computer. These are often marked with "SS10" or a blue insert.</p> <p>Use the provided high-quality USB-C cable. If issues persist, try a different certified USB 3.2 Gen 2 cable.</p> <p>The actual speed may be limited by the SSD's maximum read/write capabilities.</p>
Enclosure feels warm during use.	<p>Normal operation for high-speed SSDs.</p> <p>Heavy workload or prolonged transfers.</p>	<p>This is expected behavior as the aluminum case acts as a heatsink to dissipate heat from the SSD.</p> <p>Ensure the enclosure is placed on a flat, open surface to allow for proper airflow. Avoid covering it during intensive operations.</p>

7. SPECIFICATIONS

Feature	Detail
Model	EC-SNVE
Brand	SABRENT
Material	Aluminum case with ABS frame
Compatible SSDs	M.2 PCIe NVMe and SATA SSDs
Supported M.2 Sizes	2242, 2260, 2280
Interface	USB 3.2 Type-C Gen 2
Data Transfer Rate	Up to 10Gbps (1000 MB/s)
Power Supply	Bus-powered (no external power needed)
Dimensions (L x W x H)	4.59 x 1.24 x 0.5 inches (11.66 x 3.15 x 1.27 cm)

Feature	Detail
Item Weight	3.99 ounces (113 grams)
Color	Black
Operating System Compatibility	Windows, macOS, Linux (Plug & Play)

8. WARRANTY AND SUPPORT

SABRENT products are designed for quality and reliability. For information regarding product warranty, please refer to the warranty policy available on the official SABRENT website or contact their customer support.

For technical support, troubleshooting assistance, or any inquiries about your SABRENT EC-SNVE enclosure, please visit the official SABRENT support page or contact their customer service team. You can often find support resources, FAQs, and contact information on the [SABRENT Brand Store on Amazon](#) or their main website.

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