SABRENT
Connecting Differently™

RUGGED THUNDERBOLT™ 3 TO NVMe M.2 SSD TOOL-FREE DUAL ENCLOSURE

M.2 SSD
NVMe
X2

WINDOWS
MAC OS
COMPATIBLE

EC-T3DN QUICK INSTALLATION GUIDE

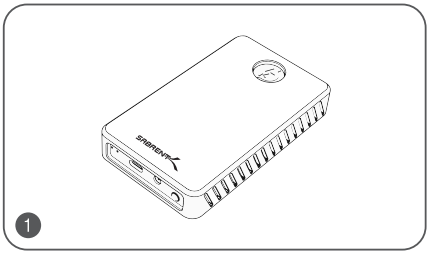
FEATURES

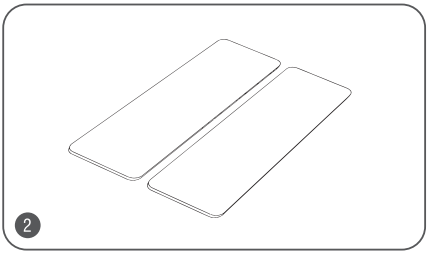
- Turn two NVMe SSDs into two independent, fast, reliable, and portable drives.
- Intel's Thunderbolt™ 3 controller inside.
- Single disk speed up to 1500 MB/s *. Software RAID speed up to 2500 MB/s **.
- Solid aluminum construction for durability and maximum heat dissipation.
- Integrated temperature and health monitoring system.
- Tool-free fasteners.
- M.2 size compatibility: 80mm (2280), 60mm (2260), and 42mm (2242).
- Plug and play. No drivers needed.
- Power adapter is required and included.

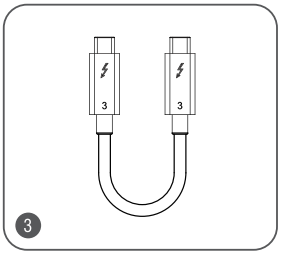
* Performance will depend both on the speed of your NVMe disk and your system's overall performance.
** RAID array is only possible via software.

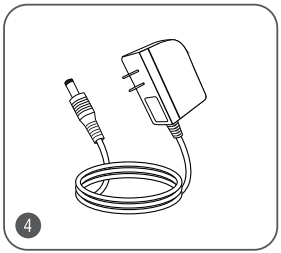
NOTE: Only for NVMe M-Key SSDs (PCIe-based). Does NOT support SATA-based or AHCI-based SSDs. NVMe disks NOT included.

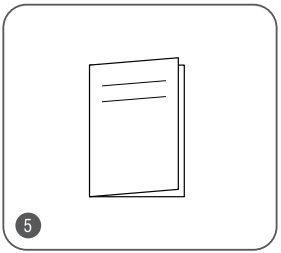
PACKAGE CONTENTS











1. Rugged Thunderbolt™ 3 to NVMe M.2 SSD Tool-free Dual Enclosure
2. Thermal Tape: 2x 1.2mm, and 2x 0.8mm
3. Thunderbolt™ 3 cable
4. Power adapter: 110V-240V AC
5. Quick user guide

SYSTEM REQUIREMENTS

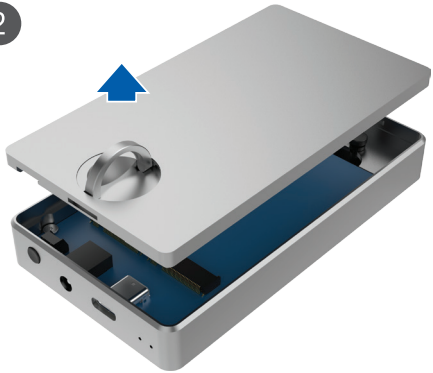
- Windows / Mac / Linux

DISK INSTALLATION

1

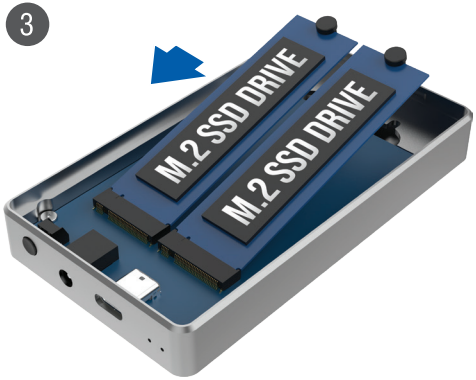
STEP 1
Lift and rotate to unlock the knob
(counter clockwise)

2



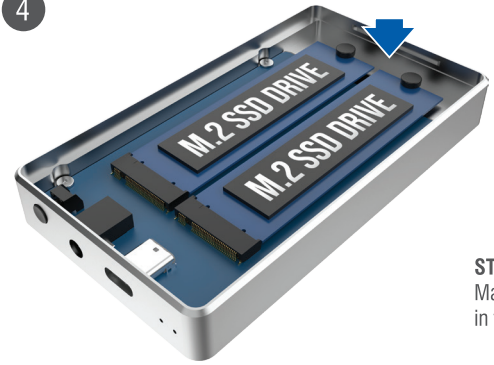
STEP 2
Remove bottom plate

3



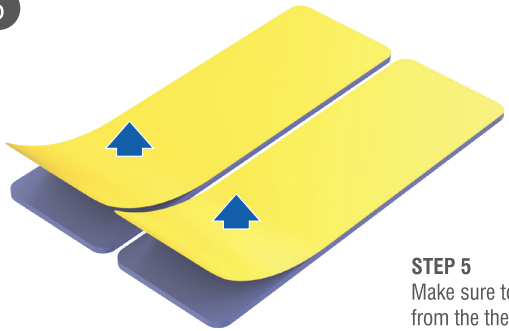
STEP 3
At a 45-degree angle, insert the Magnetic Pins in the SDDs notch and slide in your SDDs until they are properly seated.

4



STEP 4
Make sure de Magnetic Pin “clicks” in the bottom

5

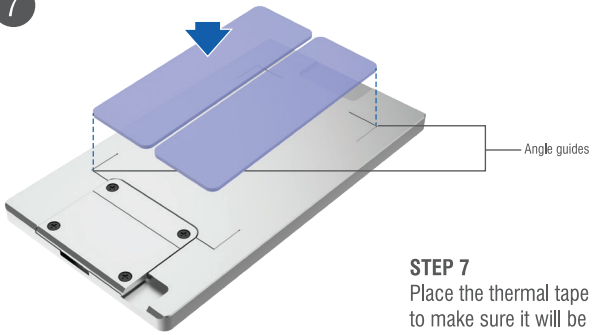


STEP 5
Make sure to remove thermal tape protector from the thermal tape, prior to placing the SSD.

6

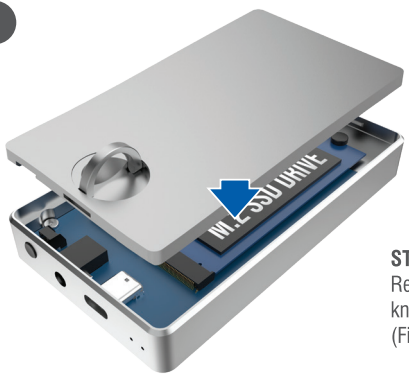
STEP 6
Flip the plate to place the thermal tape.

7



STEP 7
Place the thermal tape using the angle guides to make sure it will be placed properly.

8



STEP 8
Reattach the bottom plate, rotate to lock the knob (clockwise) and put the knob down. (Finish the installation)

9

STEP 9
Reattach bottom plate, rotate to lock the knob (clockwise) and put the knob down.

6

STEP 6
Finish the installation

CONNECTING FOR THE FIRST TIME VIA THUNDERBOLT™ 3

Connect your Sabrent external drive to your computer as shown in the diagram. Make sure to confirm your computer's port has the Thunderbolt™ 3 logo, otherwise it will likely be a standard USB 3 Type-C port. When using any Thunderbolt™ 3 device for the first time, your operating system might need you to approve the connection. If this is the case, select "Always Connect" and click "OK". You can alternatively select "Ask Every Time" if you need to do so for security reasons.

TROUBLESHOOTING YOUR THUNDERBOLT™ 3 DEVICE

To troubleshoot the scenario where a Thunderbolt™ 3 device is not recognized properly, we suggest checking following items:

1. Make sure that both the computer and the device are turned on and that the Thunderbolt™ 3 device is connected to the computer via the Thunderbolt™ interface.

2. Disconnect and re-connect the Thunderbolt™ cable and/or restart the computer.

3. Use the Thunderbolt™ 3 cable that was included. If you own a second cable, test both to rule out any problems with the cable.

4. Confirm that your computer supports Thunderbolt™. If it has a USB-C port but only supports USB, the Thunderbolt™ device won't work.**5.** For Windows PCs, update the BIOS of your computer.

6. For Windows PCs, update the Thunderbolt™ firmware (NVM) on your computer.

7. For Windows PCs, update the Thunderbolt™ software (driver) on your computer.

8. For Windows PCs, when you connect a new device for the first time, you might have to approve the device. Select "Always Connect".

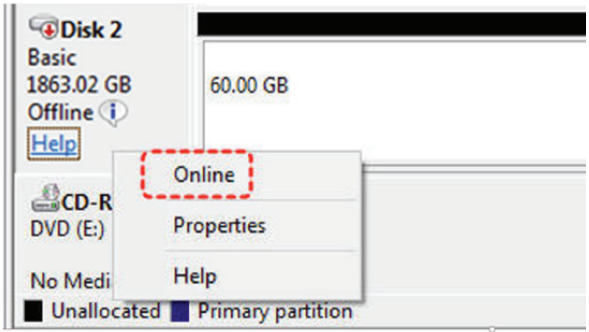
9. For Windows PCs, if the device is recognized at first but disconnecting and re-connecting fails, install the device driver for Windows.

10. For Windows PCs, if the device is no longer recognized after upgrading your operating system (e.g. from Windows 7 to Windows 10), uninstall the Thunderbolt™ software and re-install the latest version, even if it's the same version.

DRIVE IS CONNECTED BUT MISSING IN FILE EXPLORER

1. Open Disk Management with administrator permissions.
To do so, in the search box on the taskbar, type **Disk Management**, select and hold (or right-click) **Disk Management,** then select **Run as administrator > Yes.** If you can't open it as an administrator, type **Computer Management** instead, and then go to **Storage > Disk Management**.

2. In Disk Management, right-click on the disk that appears **Offline**, then click **Online** (shown here).



USING A HARD DISK WITH DATA ON IT

1. Make sure everything is connected.

2. If you are using an HDD that already has a file-system and data on it, it should appear under your *Computer* after a few seconds of being powered on. In some cases, it may take up to 30 seconds.

NOTE: There are some exceptions. For instance, if you are trying to use an HDD that was pulled from a Linux or an Apple computer on a Windows computer, it might not work. This has nothing to do with your Sabrent enclosure, it happens because the Windows operating systems is not capable of seeing the file-system that is used in Linux or Apple computers.

USING A BRAND NEW HARD DISK

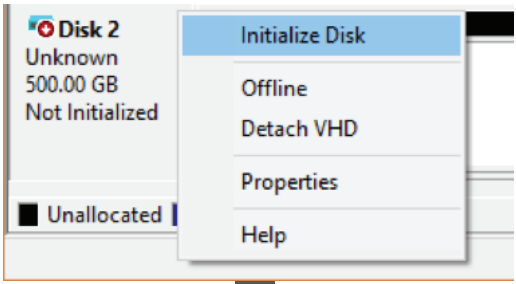
If you are using a brand new HDD, you might have to initialize it before you can use it.

NOTE: Only initialize a disk if you are absolutely sure it is a brand new disk and it does not have any of your data on it. **The initializing process destroys all previous data and renders it irretrievable**.

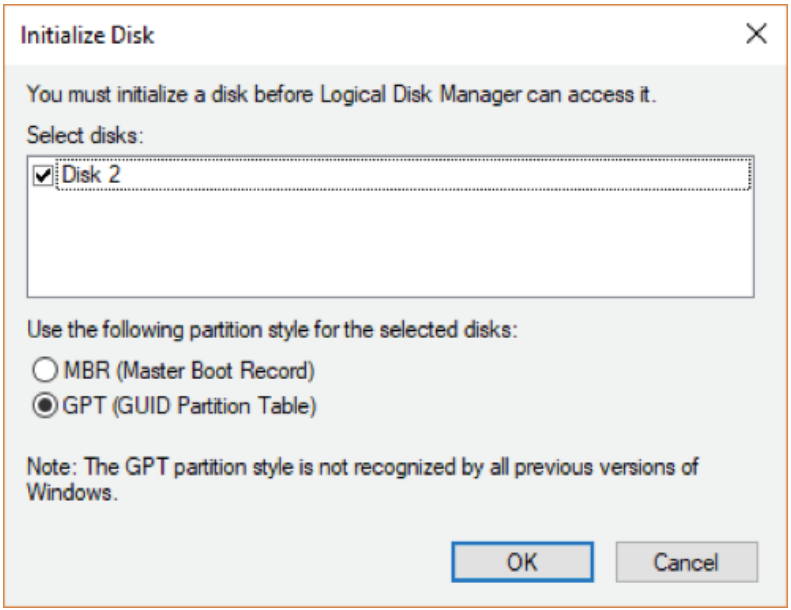
TO INITIALIZE NEW DISKS

3. Open Disk Management with administrator permissions.
To do so, in the search box on the taskbar, type **Disk Management**, select and hold (or right-click) **Disk Management**, then select **Run as administrator > Yes**. If you can't open it as an administrator, type **Computer Management** instead, and then go to **Storage > Disk Management**.

4. In Disk Management, right-click the disk you want to initialize, and then click **Initialize Disk** (shown here). If the disk is listed as *Offline*, first right-click it and select **Online**.



5. In the **Initialize Disk** dialog box (shown here), check to make sure that the correct disk is selected and then click **OK** to accept the default partition style. If you need to change the partition style (GPT or MBR), you can do it here. The disk status briefly changes to Initializing and then to the Online status.



6. Select and hold (or right-click) the unallocated space on the drive and then select New Simple Volume.

7. Select Next, specify the size of the volume (you'll likely want to stick with the default, which uses the whole drive), and then select Next.

8. Specify the drive letter you want to assign to the volume and then select Next.

9. Specify the file system you want to use (usually NTFS), select Next, and then Finish.

Please contact our Technical Support Team for additional troubleshooting

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