

Thank You

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We are committed to providing you with the best service and support. If you have a problem with installing, getting the product to function or other product related question, please feel free to write to us. We will help you answer your question.

You can write to us at : support@vantecusa.com
For the latest Drivers, Manual and Frequently Asked Questions (FAQ), they are available at our website at vantecusa.com or write to us.



QRCode to product Page,
Drivers, Manual, and FAQ.

Thank you,
VantecUSA Support Team.



Installation Guide



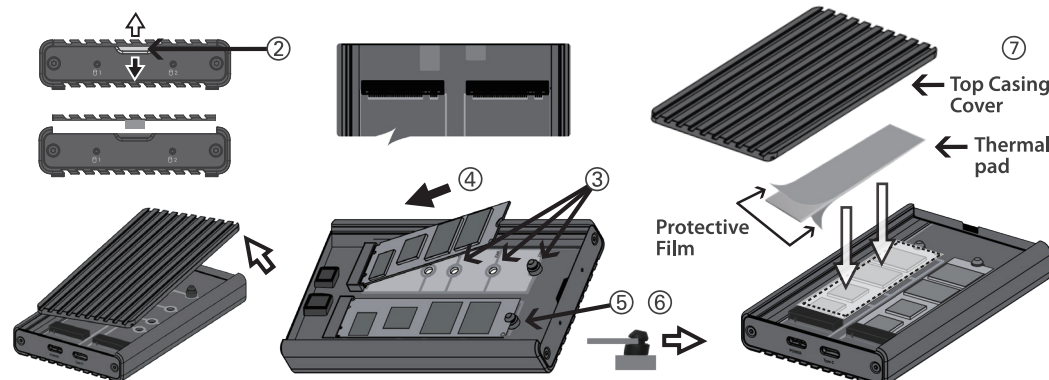
1. Verify the package contents.

- NST-262C3 enclosure unit, Quick Install Guide.
- Only TWO rubber standoffs are needed to mount TWO M.2 Module, the rubber standoff is already mounted inside, and another TWO SPARES in a bag (DO NOT LOSE THEM).
- Two Thermal pads in a bag.
- One cable for data/power, USB C to USB C.
- One cable for POWER ONLY, USB C to USB Type A (label in RED, marked Power).



CAUTION

Static Sensitive Devices
Handle with Care



2) This is a toolless unit, use your finger to pry it apart via the slot shown to lift off the top cover.

3) If your M.2 is shorter, unplug the rubber standoff and move to the right mounting hole matching your M.2 size.

4) Insert your M.2 module at an angle into the M.2 interface and push down your M.2 module.

5) Peel back the rubber standoff to lock your M.2 module in place.

6) If you need to remove your module, peel back the rubber standoff for your M.2 module to come off.

7) Remove the protective film from the pad, and place one pad on top of the M.2 module. Do the same for your other M.2 module. If you install only one module save the pad for later use.

When you place back the top casing cover to lock, the pad will make contact with the casing to protect your M.2. The Storage is ready.

8) IMPORTANT NOTE: This enclosure comes with two USB C ports:

- One Black color USB C port for DATA/POWER using the USB C to USB C cable
- One Orange color USB C port for POWER ONLY using the USB C to USB Type A cable (marked: Power)

Please be aware of your M.2 NVMe power requirement. If the total power requirement of your two M.2 NVMe is more than one of your USB port power can provide, PLEASE use the provided cable to connect to the POWER ONLY port to supplement POWER to the enclosure, else it will not work.

Here is an example:

IF one of your M.2 NVMe module label states the power requirement is 3.3V at 2.8A, that is equal to $3.3 \times 2.8 = 9.24$ watts for each of your M.2 modules.

If you have two modules in the enclosure, that adds up to 18.48 watts total that is needed.

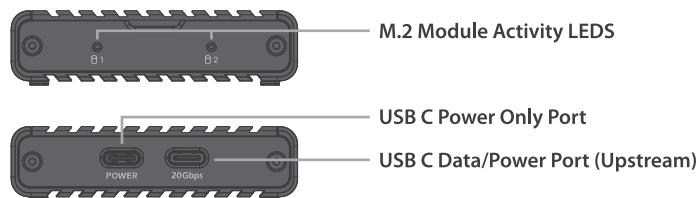
If one of your USB ports can provide 5V at 3A, that is 15 watts, it is not enough for your 18.48 watts M.2 modules. You need to use the power cable to supplement enough power for your M.2 module to function correctly. If you are not sure how much your USB port can provide to your M.2 modules, please contact your System manufacturer for more information.

If your USB C port CAN provide enough power to both of your M.2 NVMe combined, you do not need the power cable to assist.

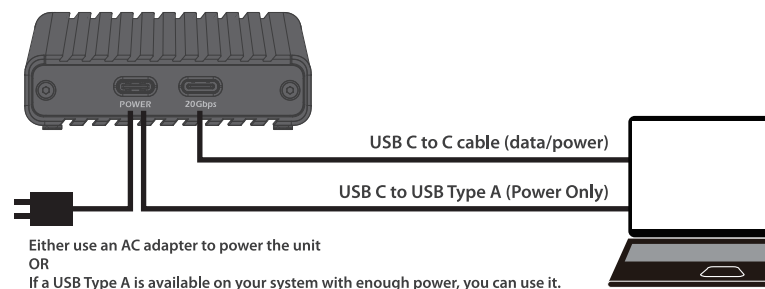
If you notice the drive behaving strangely or not functioning correctly, PLEASE use the provided cable to connect to the POWER ONLY port to supplement POWER to the enclosure.

The power source is 5VDC, do not use any other power source with power more than 5VDC, it will damage your m.2 Module and the enclosure.

9) IMPORTANT NOTE: This enclosure comes with two USB C ports:



10) Connection



See the back of this page for Frequently
Asked Questions (FAQ)



11) Caution Notice:

Before you unpack your NVMe module and install your NVMe into the enclosure, please be aware that these are sensitive devices and can be damaged by Static Electricity.

Please ground yourself before handling them and hold the module by the edge of the module.

For detail, instruction refers to the FAQ

"How to preparing a New storage, Hard Drive, or SSD for use with a system" on our website support section at www.vantecusa.com

www.vantecusa.com

NST-262C3

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Frequently Asked Questions (FAQ)

Below are FAQs for the back page of the QIG.



1) What is the maximum capacity for both of the M.2 Modules?

You can use up to 16TB M.2 NVMe Module per slot for a total of 32TB.
PLEASE NOTE, the bigger the capacity of the M.2 Module, it will use more power. Please check with the M.2 Module manufacturer to verify the power requirement before installing it into the slot.
Normal capacities are 512GB, 1TB, 2TB, and 4TB per slot.

2) Can I use only one M.2 Module for now?

Yes, you can mount only one M.2 Module for now and use it. It can be on any slot, if this M.2 is new, please prep it for the first time.

When you are ready to add another M.2 Module, just mount it and it should be ready, like before, if this second M.2 Module is new, please prep it first before use.

3) If I am using only one M.2 Module, do I still need to use two cables?

It depends on the power requirement of the one M.2 Module that you add into the slot. If the power requirement is enough, you do not need the additional power cable to supplement the power.

4) Can I set up RAID 0 or RAID 1 on the two M.2 Modules?

Sorry, it is not possible to set it up as a RAID enclosure.

5) Is it normal for the enclosure to get hot during use?

Yes, it is normal for the enclosure to get hot. The heat is coming from your M.2 NVMe Module, not the enclosure. It depends on the M.2 Modules installed, some brands of M.2 due to speed may get hotter than another brand of M.2 Modules. Our enclosure are designed to help mitigate the heat by using the Thermal pad and Aluminum Alloy casing to help dissipate the heat. This is why the whole enclosure can get warm during normal use.

6) Are there LEDs for the drives?

There are two LEDs on the front of the enclosure. Each LED is linked to the closest M.2 NVMe you install in the enclosure. The Right LED functions as Power and Read/Write Activity for the M.2 NVMe on the Right and the Left LED for the Left M.2 Module.

7) How do I use the M.2(s) mounted in the enclosure just for access data storage?

- If you are planning just to use it to hold data as a storage device, you can mount one or two M.2 NVMe in the enclosure.
- If the mounted M.2 is new, you will need to prep it only ONCE (just like any new storage, initialize, partition, and format the drive) and it will be ready to use.

c) The two M.2 will have their drive letter like you normally use for USB storage see drive letter like E: or F: etc.

d) For prepping the drive, If you are using Windows OS, use Disk Management. For OS X, use Disk Utility. For Linux, follow your version of Linux like the mksf command or Gparted.

8) I do not want to lose the two extra rubber standoffs, where can I keep it safe?

The unit comes with 4 Rubber standoffs. Two are already mounted inside for the use of the two M.2 NVMe you installed on the PCB inside. For the other two spare rubber standoffs, you can place them inside the enclosure in the open space corner next to the USB C connector and the M.2-1 connector before you close the cover plate. That way you will never lose them.

9) What is the right sequence of connecting the enclosure to my system/laptop?

First, make sure your system is powered ON.

a) If you are sure you do not need the power cable to assist in powering the enclosure. Plug the USB C end of the USB C cable into the enclosure and the other end with a USB C/A connector to your system depending on the ports of your system, you can connect directly to the USB C port or use the Type A adapter to connect to your system Type-A port.

b) If you need to use both cables, start with the provided USB power cable. First, plug the power cable into the enclosure orange power port and then plug the other end into a USB Type-A port on your system to draw power from the system for the enclosure. Next, plug the USB C end of the USB C cable into the enclosure and the other end with a USB C/A connector to your system depending on the ports of your system, you can connect directly to the USB C port or use the Type A adapter to connect to your system Type-A port.

10) Can I use this enclosure to clone M.2 from one slot to another?

There is no hardware cloning capability on this enclosure, but you can use software to do the cloning, see below.

Steps to clone using software:

- Search for Cloning software online, either buy or download Cloning software for your OS.
- Mount your two M.2 NVMe on the slot in the enclosure.

IMPORTANT NOTE: When you Clone a drive, MAKE SURE there is nothing IMPORTANT on your TARGET drive because it will be written over and not possible to recover once it is done.

- Connect the necessary power and data cable to your system and enclosure.
- Your system will see the two drives in Disk Management (Windows) or Disk Utility (OS X)
- Start up the cloning software and select the right SOURCE drive and TARGET drive; start cloning.
- Once the cloning is done per the cloning software, you can exit and eject the enclosure to remove the drives.

See the back of this page for Quick Install Guide (QIG)

