



TurboBox[®]

Quick Installation Guide

External PCIe Slot Expansion Box

NA210A External PCIe Slot Expansion Box

1. Overview

Thanks for purchasing Netstor's products. TurboBox is designed to expand PCIe slots for Desktop computers or Laptop computers. This user manual will help you setup the TurboBox.

2. Package Checklist

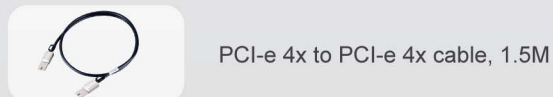
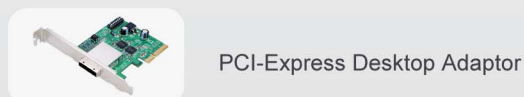
Before installing this unit, verify that package contains the following items.



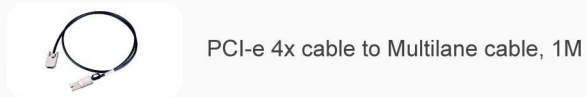
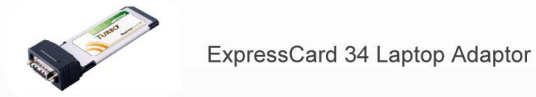
Optional combinations

One of the following optional host adaptors must be chosen in order to attach NA210A to your Desktop or Laptop computer.

F Turbo PCI-Express

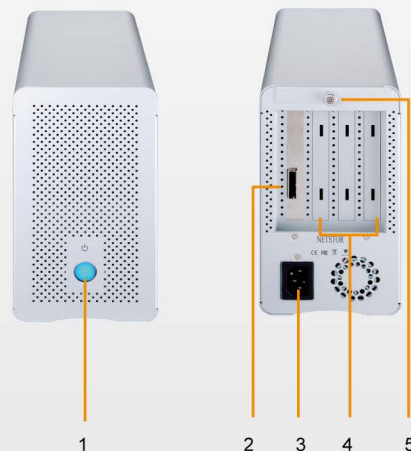


G Turbo ExpressCard



Notify your sales representative if any of the above items are missing or damaged.

3. Description of Panel Layout



1. Power Switch Button and LED

Blue – Power On

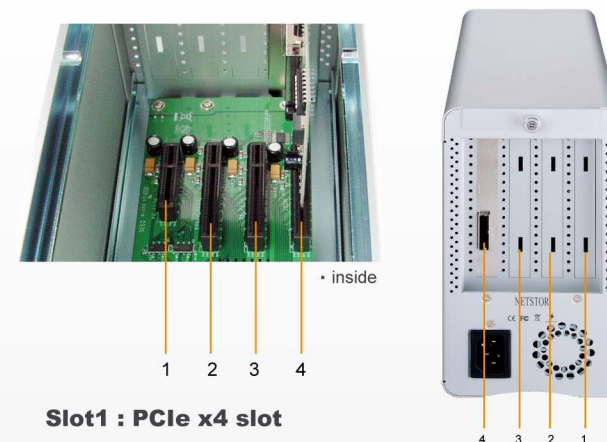
Note: To Power on/off the TurboBox, press the button for 3 seconds.

2. PCIe x4 connector for host connection

3. Power Cord Receptacle

4. PCIe Expansion

5. Thumbscrew to loosen/lock the top cover



Slot1 : PCIe x4 slot

Slot2 : PCIe x8 slot

Slot3 : PCIe x8 slot

Slot4 : Target Adaptor Card

(already fixed in the box)

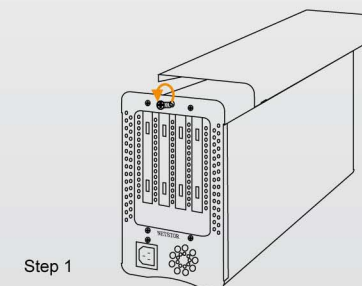
To Desktop computers, the speed of the PCIe expansion slots will run at PCIe x4.

To Laptop computers, the speed of the PCIe expansion slots will run at PCIe x1.

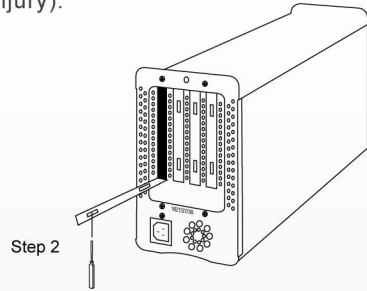
4. Installation of PCI Express add-on card into NA210A

Before the following installing procedure, disconnect the NA210A from the power source to prevent electric shock or add-on card damage.

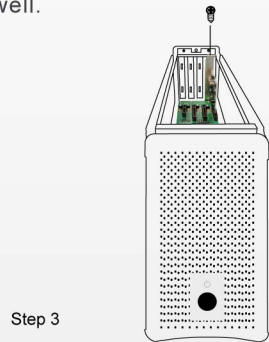
1. Loosen the thumbscrew and remove the top cover of NA210A.



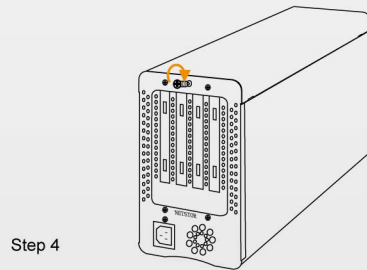
- Bend one of metal slots on the rear panel of NA210A for preparation the installation of PCI Express card (! Here we recommend that using the screwdriver to avoid the injury).



- Insert the PCI Express add-on card into the slot and screw then well.



- Put the top cover back and lock them well.



- Connect the power cord and one of the end PCI Express x4 cable at the rear of the enclosure.

PCIe Raid control card or high-end Capture card will generate a lot of heat that causes the high temperature inside of TurboBox. We strongly recommend you to install the enclosed blower to help the ventilation when you install those cards

5. Host Adaptor Installation and cable connection

• For Laptop

- Connect the end of PCI Express cable with screw connector to Netstor Turbo ExpressCard host adaptor



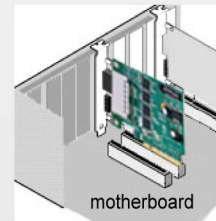
- Insert the Turbo ExpressCard host adaptor into the ExpressCard slot on your laptop computer



• For Desktop

! Before the following installing procedure, disconnect the Computer from the power source to prevent electric shock or add-on card damage.

- Install Netstor Turbo PCI-Express host adaptor into an available PCI Express slot x4 (x8/x16 Compatible) in your Desktop computer. Secure with retaining screw.

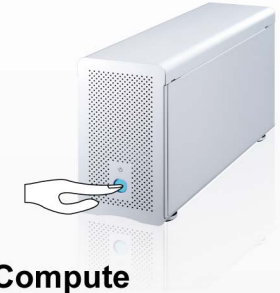


- Connect the other end of the PCI Express x4 cable to the Turbo PCI Express host adaptor.



6. Power on the TurboBox

Power on the TurboBox by pressing the Power Switch button 3 seconds



7. Power on the Compute

In order to let the Computer BIOS identify and assign resources appropriately. Make sure to power on Netstor TurboBox first and then the Computer.

There is no software required on Netstor TurboBox for proper configuration by Computer OS; however your operating system may prompt for software or drivers required for the PCI Express Card installed in TurboBox. Please follow the instruction included with your PCI Express add-on card.

8. Remove the TurboBox and Power Off

• For Removing the NA210A from a laptop:

- Double click the safely Remove Hardware icon in the bottom right corner of your laptop screen.
- Power Off the TurboBox

• For Desktop Computer:

- Power Off the Computer
- Power Off the Turbobox

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