



TurboBox[®] Mini

Quick Installation Guide

External PCIe Box for Laptop

Version I

NA220A

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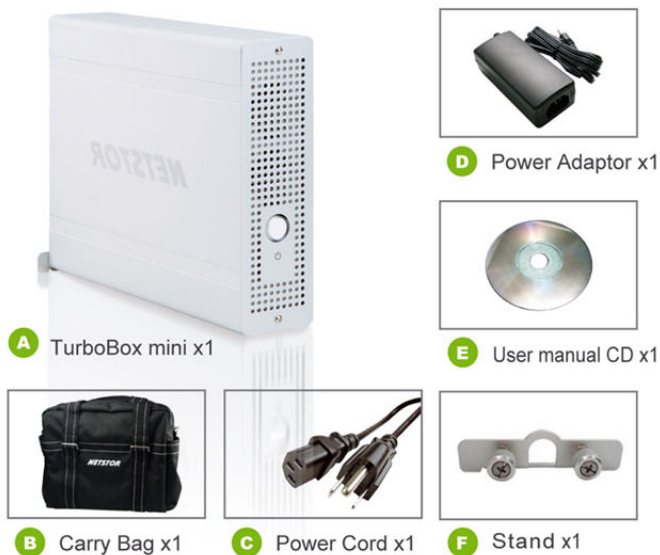
NA220A External PCIe Box for Laptop

1. Overview

Thanks for purchasing Netstor's products. TurboBox-mini is designed for attaching any type of PCI Express card to your laptop or desktop computer through our ExpressCard or a PCI Express host card.

2. Package Checklist

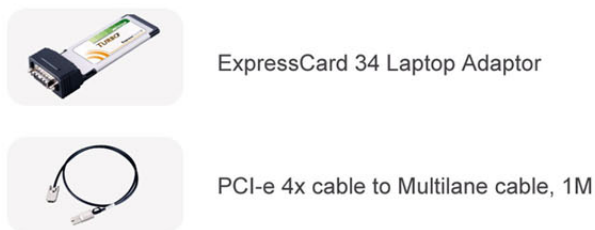
Before installing this unit, verify that package contains the following items.



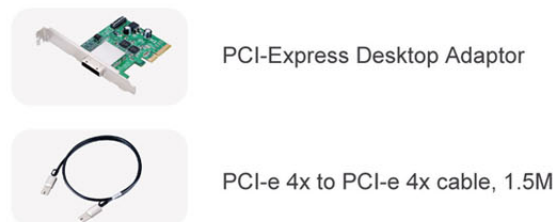
Optional combinations

One of the following optional host adaptors must be chosen in order to attach NA220A to your Desktop or Laptop computer.

G Laptop Host Package

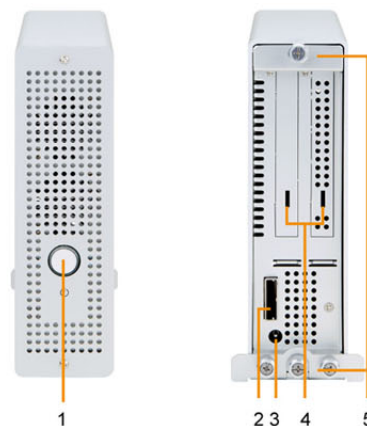


H Desktop Host Package



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

3. Description of Panel Layout



1. Power ON/OFF Button

Blue – Power On

Note: To Power on/off the TurboBox-mini, press the button for 2 seconds.

2. External PCIe x4 connector for host connection

3. Power Adaptor Receptacle

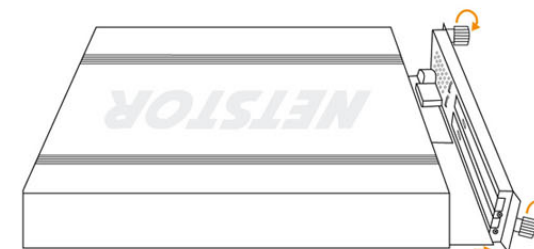
4. PCIe Slot

5. Thumbscrew to loosen/lock the PCIe Slot frame

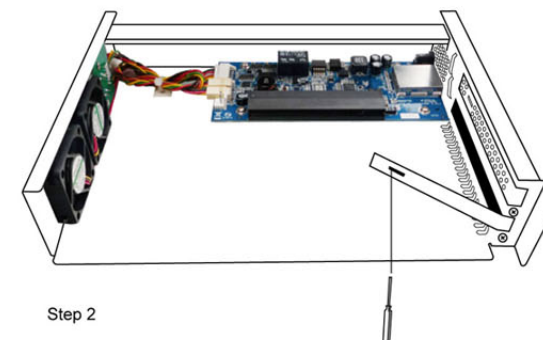
4. Installation of PCI Express add-on card into NA220A

Before the following installing procedure, disconnect the NA220A from the power source to prevent electric shock or add-on card damage.

1. First loosen the two thumb screws and draw the PCIe slot frame from NA220A

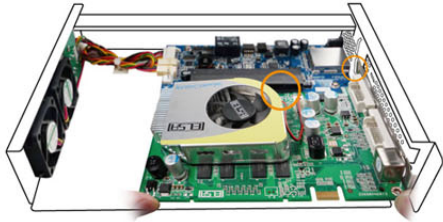


2. Bend the L shape metal bracket on the rear panel of PCIe slot frame for preparation the installation of PCI Express add-on card. (! Here we recommend that using the screwdriver to avoid the injury)



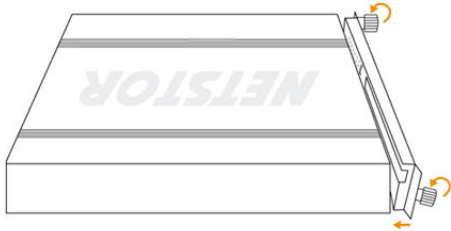
3. Insert the PCI Express add-on card into the PCIe x16 connector and screw them well.

Step 3



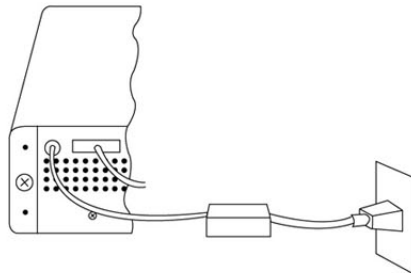
4. Find the slide guide from aluminum housing of NA220A, insert the whole PCIe slot frame back to the aluminum housing and lock the two thumb screws well.

Step 4



5. Connect the power adapter and the end of PCIe x4 cable to NA220A then plug the power cord completely into the recessed power socket on the power adapter and plug the other end into a grounded outlet or a grounded power strip.

Step 5



Note: The TurboBox-mini can be put on horizontal or vertical. If you want to put the TurboBox-mini on vertical then installation the enclosed stand will let NA220A stand well.



5. Host Adaptor Installation and cable connection

• For Laptop

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



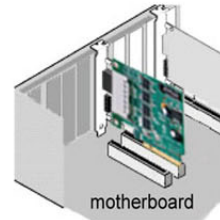
b. Insert the Turbo ExpressCard host adaptor into the ExpressCard slot on your laptop computer



• For Desktop

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

a. 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.



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



6. Power on the TurboBox-mini

Power on the TurboBox-mini by pressing the Power Switch button 2 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-mini first and then the Computer.

There is no software required on Netstor TurboBox-mini 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-mini. Please follow the instruction included with your PCI Express add-on card.

8. Remove the TurboBox-mini and Power Off

• For Removing the NA220A from a Laptop:

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

• For Desktop Computer:

a. Power Off the Computer
b. Power Off the Turbobox-mini

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