



ATTO Technology, Inc.

# CacheAssure™ Getting Started Guide

Thank you for purchasing ATTO CacheAssure for your ATTO 6Gb ESAS RAID Adapter. This guide gives you the basics for installing your CacheAssure components onto your 6Gb RAID card and into your host computer system. For more information, refer to the ATTO ExpressSAS Host and RAID Adapter manual.

Examine the contents of your CacheAssure packing box. If any of the items listed below are missing, contact your ATTO representative.

- 0244-FINL-000 Non-Volatile (NV) Memory Card
- SPAK-0000-BLK Power Module
- MISC-0143-R00 Industrial strength adhesive
- HDWS-0205-R45 Standoff mounting screws
- PRMA-0003-000 Warranty Card

## 1 Install Non-Volatile Memory

### WARNING

**ATTO CacheAssure and Host Adapters contain components that are sensitive to electrostatic discharge (ESD). ESD can cause damage to the ATTO ExpressSAS host adapter. Please follow standard methods to avoid ESD.**

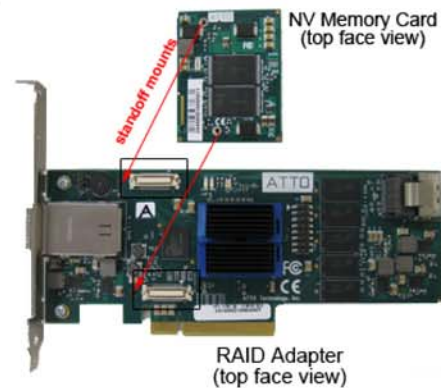
- 1.1 Power down the computer and unplug the computer from all power sources.
- 1.2 Open the case.

### Note

*If you have purchased the ESAS RAID Adapter bundled with CacheAssure, the NV Memory Card is pre-assembled to the RAID Host Adapter. If so, please go directly to section 2: "Install Power Module. If you are adding CacheAssure to a previously purchased ATTO 6Gb SAS RAID Adapter, continue on to step 1.3*

- 1.3 Gently remove your ATTO 6Gb SAS Adapter from the PCI Express expansion slot. If you have questions about how to remove an expansion card from your system, consult your computer's documentation.
- 1.4 Remove the NV Memory Card from its electrostatic safe packaging.

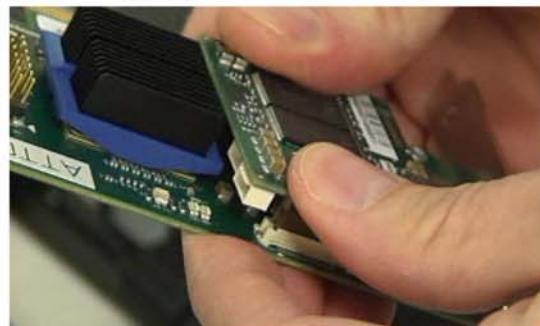
- 1.5 Holding the RAID adapter firmly, plug the NV Memory Card into the RAID Host Adapter with ATTO logos in matching direction and the standoff mounts closer to the adapter's bracket.



### CAUTION

*Make sure the NV Memory Card is evenly aligned on both sides. If the card is placed incorrectly, damage to the Memory or Host Adapter Card may occur. This may void your warranty.*

- 1.6 Make sure the NV Memory Card is firmly seated by gently pushing the card down onto the ATTO RAID Adapter, as shown:



- 1.7 Turn the Host Adapter over so that you can see the back of the printed circuit board. Use the supplied screws to secure the NV Memory Card onto your RAID adapter.



- 1.8 Use an ESD-safe crosshead screwdriver to secure the screws.

## 2 Install Power Module

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### Note

*It is the user's preference to install the Power Module while the ATTO Host Adapter is outside of the computer, or install the Power Module while the Host Adapter is seated in its PCI Express slot. If you have questions about how to remove an expansion card from your system, consult your computer's documentation. In these directions, we will assume the card is seated in its PCI Express slot.*

- 2.1 Remove the Power Module from its electrostatic safe packaging.
- 2.2 Select an area for placement of the Power Module inside of the computer. Make sure it can be mounted securely and that the Power Module's power cord can reach the Host Adapter, specifically the NV Memory Card's power jack.

- 2.3 Use the heavy-duty, industrial adhesive to mount the module. Remove one side of the paper backing and apply it to the Power Module.



- 2.4 Remove and expose the other side of the adhesive.
- 2.5 Mount the Power Module into the computer.
- 2.6 Plug the Power Module power cord into the Non-Volatile Module (on the RAID adapter). The plug is keyed so that it can only be plugged in one way. Please make sure that the plug is fully inserted.



Plug for  
Power Module  
(undemath)



- 2.7 Close your computer case.
- 2.8 You may power on your system.

Be careful handling the Power Module after it has been installed and powered. It may be live with power. If the board is mishandled while it is attached it may be shorted and damaged.

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