



The Power Behind the Storage

CacheAssure™ Getting Started Guide

Thank you for purchasing ATTO CacheAssure for your ATTO 6Gb ExpressSAS® RAID Adapter. This guide gives you the basics for installing your CacheAssure components onto your 6Gb RAID card and into your host computer system.



Note

If you are purchasing this CacheAssure™ module as part of a kit with an ExpressSAS RAID adapter included, it has been disassembled for shipment. During quality testing, the super capacitor was cycled to verify its functionality. Since a small, residual charge may remain in the super capacitor for a period of time, the assembly was removed from the RAID adapter to protect the adapter from electro-static discharge (ESD). The instructions below describe the steps to re-assemble your RAID adapter with CacheAssure.

Overview

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

Install Non-Volatile Memory



CAUTION 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. Power down the computer and unplug the computer from all power sources.
2. Open the case.
3. If your adapter is installed into the workstation, gently remove your ATTO 6Gb SAS Adapter from the PCIe expansion slot. If you have questions about how to remove an expansion card from your system, consult your computer's documentation.
4. Remove the Power Module and NV Memory Card from the electrostatic safe packaging.

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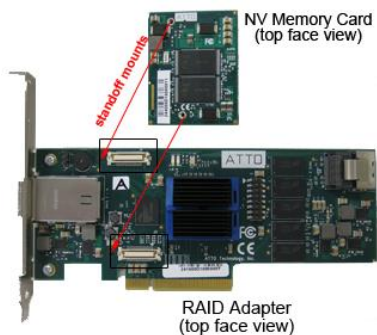
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5. Plug the Power Module power cord into the Non-Volatile Module (on the RAID adapter). The plug is keyed so that it can only be plugged in one way. Please make sure that the plug is fully inserted.
6. Holding the RAID adapter firmly, plug the NV Memory Card into the RAID Host Adapter with ATTO logos matching in 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.*

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



8. 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.



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

Install Power Module



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 PCIe 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 PCIe slot.

1. Select an area for placement of the Power Module inside 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. Use the heavy-duty, industrial adhesive to mount the module. Remove one side of the paper backing and apply it to the Power Module.



3. Remove and expose the other side of the adhesive.
4. Mount the Power Module into the computer.



5. Close your computer case.
6. 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.