



ATTO Configuration Tool v3.17 - Linux

1. General Release Information

The ATTO Configuration Tool helps you customize the settings of your ExpressSAS, Celerity and ExpressPCI host adapters to maximize the performance to your storage connection. While the factory settings on your host adapter should provide excellent performance for a wide range of applications, some specialized applications may benefit from modification of the adapter settings to tune the adapter for a specific performance range.

2. Changes

- **Version 3.17 (Released 1/24/2008)**
 - The following apply to changes made from v3.16 to v3.17. These changes were made specifically for the ExpressSAS RAID Adapter. They do not affect Celerity Fibre Channel adapters, ExpressPCI SCSI adapters or ExpressSAS host adapters.
 - **New Features**
 - Added support for tape drives and libraries.
 - Support added to allow users to set the adapter to automatically begin a rebuild of a RAID group when a failed drive is replaced with a new, clean drive.
 - Support added to set the interval to spin drives up individually, lowering the power consumption on the enclosure power supply.
 - Added support to monitor the health of the storage enclosure and its respective devices using SES.
 - Added ability to display RAID group properties within the Configuration Tool.
 - Added the ability to change the SpeedRead setting after the creation of a RAID group.
 - Added support for N-way mirroring. Note that since anything other than one mirror is not supported in RAID 10, migration is disabled for RAID1 with more than one mirror and RAID 0 with more than one stripe.
 - **Incident Resolutions/Bug Fixes/Changes**
 - Enhanced device enumeration to improve user experience by providing feedback while waiting for drives to be discovered.
 - Improved messaging during the configuration of hot spares.
 - Added Spin-Up Delay option configurability.
 - Reassign I/O base registers when a system BIOS improperly assigns I/O addresses to avoid system hangs on some platforms.

3. Known Issues/Advisements

- If the firmware resets, opening the CLI tab or sending more commands on it will hang the application until the firmware is totally reset (~30 seconds).
- Only 32K of the event log is accessible - the rest is truncated.

- There is no way to identify a specific device. A workaround is to use the device number from the popup when double clicking the device in the table on the RAID tab, and then issuing the proper CLI commands with that number.
- SES devices are not added to or removed from the device tree when the device is attached or detached while the Configuration Tool is running. In general, devices other than disks in the tree reflect the state when the Configuration Tool starts, and is not subsequently updated.

4. Affected Products

Product Name	SKU
ATTO Configuration Tool	N/A

5. Contacting ATTO Support

ATTO Technology, Inc. is renowned for its technical support services. ATTO's goal is to provide you the quickest response possible for your technical support needs, and is available Monday-Friday, 8:00 AM to 8:00 PM EST (except holidays and plant closings).

ATTO Technical Support can be contacted via phone or email:

- Phone: 716.691.1999 ext. 242
- E-Mail: techsupport@attotech.com