



## ThunderStream™ SC 3808 Release v1.03 - Mac OS® X

### 1. General Release Information

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These product release notes define the new features, changes, known issues and release details that apply to the ThunderStream SC 3808 RAID Storage Controller Desklink™ Device, version 1.03, which was released on 07/17/13. This information pertains to the Mac OS X platform for Intel® based systems.

### 2. Changes

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- **Version 1.03 (Released 07/17/13)**
  - **Note:** It is recommended that firmware dated 07/15/13 be utilized with this driver release.
  - **New Features, Enhancements and Changes**
    - Pass through devices in firmware versions 1.15 and later are persistently mapped to prevent potential data corruption. Pass through devices in prior versions are not discovered to prevent data corruption.
    - Resolved an issue with the event logging so the correct time will be logged when the system resumes after sleep. *Note:* both the driver and event logging application have changed and are not compatible with previous releases.
    - Added support for the atsasphy and atsastop CLI tools.
    - Added support for additional firmware based functionality in the atinfo and attrace CLI tools.
    - Added support for the SMP API.
    - Added support for CSMI.
    - Improved the device scan time for CLI tools.
    - Added support for reading the SAS address of front-end devices.
    - Corrected an issue that could prevent the event log from displaying the entire RAID group name.
    - Added event logging to discovery code.
  
- **Version 1.02 (Released 09/26/12)**
  - **Note:** It is recommended that firmware dated 08/09/12 be utilized with this driver release.
  - **New Features, Enhancements and Changes**
    - Updated the memory allocation for x64 platforms for compatibility with OS X 10.8.2 and later.
    - A notification will be sent that the firmware has been reset when coming out of power management.
    - Improved the device polling based on the Device Wait Time and Count settings to prevent device thrashing on power up and sleep recovery.
    - Added support for Frey B2 chips.
  
- **Version 1.01 (Released 08/13/12)**
  - **Note:** It is recommended that firmware dated 08/09/12 be utilized with this driver release.
  - **New Features, Enhancements and Changes**
    - Initial release for the ThunderStream 3808D Desklink device.

### 3. Known Issues/Advisements

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- An LTFS Volume can potentially become corrupted on an LTO tape drive behind the Thunderlink SH 1068 if a Thunderbolt host goes to sleep or hibernates with data in the buffered cache. There are two options to avoid this situation:
  1. Disable the OS sleep/hibernate mode if LTFS operations are used  
– OR –
  2. If sleep mode is required, go into the LTFS application and set the utility to flush the cache as soon as the OS closes the file (sync\_type set to close). This may affect performance.
- Note: Please contact ATTO Technical Support if you need additional information or assistance with these configuration suggestions.

### 4. Affected Products

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Product Name	SKU
ThunderStream SC 3808D Desklink Device	TSSC-3808-D00/DE0
ThunderStream SC 3808E Desklink Device	TSSC-3808-E00

### 5. Contacting ATTO Support

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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 6:00 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](mailto:techsupport@attotech.com)