



## ThunderLink™ SH 1068 Release v1.10 - 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 ThunderLink SH 1068 Desklink Device, version 1.10, which was released on 10/15/13. This information pertains to the Mac OS X platform for Intel® based systems.

### 2. Changes

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- **Version 1.10 (Released 10/15/13)**
  - **Note:** It is recommended that firmware dated 11/09/12 be utilized with this driver release.
  - **New Features, Enhancements and Changes**
    - Mac OS X Mavericks (10.9) Support.
    - Added support for Frey B3 chips.
  
- **Version 1.03 (Released 07/08/13)**
  - **Note:** It is recommended that firmware dated 11/09/12 be utilized with this driver release.
  - **New Features, Enhancements and Changes**
    - Corrected improper driver behavior for the condition: device wait time set to 1 or 2 and the device wait count was greater than the number of attached devices.
    - Improved the device scan time for CLI tools.
    - Added support for reading the SAS address of front-end devices.
    - SAS addresses are only fabricated when necessary.
    - Improved event logging during discovery.
  
- **Version 1.02 (Released 11/12/12)**
  - **Note:** It is recommended that firmware dated 11/09/12 be utilized with this driver release.
  - **New Features, Enhancements and Changes**
    - Initial release for the ThunderLink SH 1068 Desklink device.
  - **Supported OS**
    - Mac OS X 10.6.8
    - Mac OS X 10.7
    - Mac OS X 10.8

### 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:
  - a. Disable the OS sleep/hibernate mode if LTFS operations are used  
– OR –
  - b. 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
ThunderLink SH 1068 Desklink device	TLSH-1068-D00/DE0

#### 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)