



ThunderLink™ SH 1068 Flash Bundle Version 131028

1. General Release Information

These product release notes define the new features, changes, known issues and release details that apply to the ThunderLink SAS Host 1068 Desklink™ Device flash bundle package which was released on 10/28/13. This information pertains to the flash bundles and BIOS utility associated with the ThunderLink SAS Host products.

2. New Features, Enhancements and Changes

- **Version 131028 (Released 10/28/13)**
 - **New Features, Enhancements and Changes**
 - Incorporate firmware version 1.20.
 - Removes devices from the system when the adapter goes degraded.
 - Added new Dynamic Device Discovery feature to more efficiently recognize devices.
 - Resolved a data abort issue after many sleep cycles.
- **Version 130708 (Released 07/17/13)**
 - **New Features, Enhancements and Changes**
 - Incorporate firmware version 1.10.

3. Known Issues/Advisements

- 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

Product Name	SKU
ThunderLink SH 1068 Desklink Device	TLSH-1068-D00/DE0

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 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