



## ThunderLink™ FC 2082 and 2162 Release v1.15 - 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 FC 2082 and 2162 Fibre Channel Desklink Devices, version 1.15, which was released on 09/30/15. This information pertains to the Mac OS X platform for Intel® based systems.

### 2. Changes

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- **Version 1.15 (Released 09/30/15)**
  - **New Features, Enhancements and Changes**
    - Added support for OS X 10.11
- **Version 1.10 (Released 03/16/15)**
  - **New Features, Enhancements and Changes**
    - Implemented a feature for FCP\_RSP underrun only when the FCP\_RSP frame indicates that the RSP\_INFO data is present
    - Added support for PLOGIs in direct P2P after the initialization sequence is complete.
- **Version 1.05 (Released 10/30/14)**
  - **New Features, Enhancements and Changes**
    - Addition of operating system Mac OS X 10.10
    - Corrected an issue where a cable pull could result in I/O failure in MultiPath Director instead of failing over to an alternate path.
    - Addressed resource and performance issues concerning the number of logins being generated by NPIV ports.
    - Addressed a firmware issue causing an error when two or more NPIV ports are querying a switch.
    - Changed the default setting for the LoginToTargetsOnly HW parameter to DISABLED.
    - Addressed an issue where firmware is unable to sustain a chip reset while I/O is in progress.
- **Version 1.00 (Released 09/02/14)**
  - **New Features, Enhancements and Changes**
    - Initial release of Mac OS X driver for the ThunderLink FC 2082 and 2162 Desklink Device.
  - **Supported OS**
    - Mac OS X 10.8
    - Mac OS X 10.9

### 3. Known Issues/Advisements

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- When interfacing the ATTO ThunderLink 2082 to a 16Gb Fibre Channel switch that uses SFP+ transceivers from Avago (including Avago SPFs re-branded by a switch manufacturer), a link-up delay

of up to 60 seconds may be observed if the switch port is set to auto-speed detect. To rectify the delay, set the speed of the interfacing switch port to 8Gb, Avago Part #: 57-000088-01

#### 4. Affected Products

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Product Name	SKU
ThunderLink FC 2082	TLFC-2082-D00/DE0
ThunderLink FC 2162	TLFC-2162-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 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](mailto:techsupport@attotech.com)