



## ThunderLink™ NS 1101 Release v1.10 - Mac OS® X

### 1. General Release Information

These product release notes define the new features, changes, known issues and release details that apply to the ThunderLink NS 1101 Thunderbolt to Ethernet (10Gb optical SFP+) 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

- **Version 1.10 (Released 10/15/13)**
  - **New Features, Enhancements and Changes**
    - Mac OS X Mavericks (10.9) Support.
    - Improved handling of direct attached copper cables.
    - Optimized dynamic interrupt coalescing functionality.
    - Corrected an issue when transmitting data residing in non-aligned memory.
    - Corrected an issue when disabling an ethernet interface during periods of high network activity.
    - Improvements have been made so the driver will only deactivate transmit rings that are active.
    - Updated '--m' option to work in OS X 10.7 and later.
    - Improved the chip reset procedure.
- **Version 1.02 (Released 10/08/12)**
  - **New Features, Enhancements and Changes**
    - Improved performance.
- **Version 1.01 (Released 09/26/12)**
  - **New Features, Enhancements and Changes**
    - Updated the memory allocation for x64 platforms for compatibility with OS X 10.8.2 and later.
- **Version 1.00 (Released 08/17/12)**
  - **New Features, Enhancements and Changes**
    - Initial release for the ThunderLink NS 1101 Desklink device.

### 3. Known Issues/Advisements

- No known advisements.

### 4. Affected Products

Product Name	SKU
ThunderLink NS 1101 Desklink device	TLNS-1101-D00

## 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
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