



ATTO Technology, Inc.

Product Release Notes

ThunderLink Fibre Channel Multipath Director Release V2.16MP – Windows

1. General Release Information

These product release notes define the new features, changes, known issues and release details that apply to the ThunderLink Fibre Channel adapter v2.16MP that was released on 04/16/18. This information pertains to Windows Operating systems. **Note:** It is recommended that latest firmware available on ATTO website be utilized with this driver release.

2. Changes

- **Version 2.16MP (Released 04/16/2018)**
 - Additional support for Promise VTrak E630f and the DotHill DH3000
 - Improvements to displaying which offline devices are being presented to the OS (and displayed in ConfigTool).
 - Note: As a result of this change, previously saved configurations may need to be deleted and resaved to display correctly after reboot
- **Version 2.15MP (Released 12/18/2017)**
 - **New Features & Enhancements**
 - Added HP MSA 2050 storage array support.
 - Full Inquiry data is now reported for multipathed devices.
- **Version 2.10MP (05/03/17)**
 - **New Features/Enhancements**
 - Added support for the Seagate 5825 storage array
- **Version 2.05MP (12/01/16)**
 - **New Features/Enhancements**
 - Added support for Dot Hill 6424 and 6844 storage.
 - Improved stability when rapidly hot plugging devices under heavy I/O load
- **Version 2.00MP (06/30/16)**
 - **New Features/Enhancements**
 - Added support for Celerity Gen 6 16Gb/32Gb FC adapters.
 - Added support for LU-based multipathing.
 - Added support for configuring an alias.
 - Fixed an issue with installing on a clean install of Windows Server 2008.
 - Addressed a potential for failover to fail when large numbers of LUNs are present.
 - Addressed issues that could cause excessive completion times for failover or discovery.

- **Supported OS**
 - Windows 10, 8.1, 8, 7.
- **Version 1.75MP** (01/21/16)
 - **New Features/Enhancements**
 - Resolved a connection issue with previous versions of EMC storage
 - Added limits to the amount of disk space the event log can consume.
 - **Supported OS**
 - Windows 10, 8.1, 8, 7.
- **Version 1.70MP** (08/06/2015)
 - **New Features/Enhancements**
 - Added support for the Dot Hill 4854
 - Feature included when MultiPath Director is enabled and disabled in Device Manager, the devices controlled by it are removed and restored automatically.
 - Fixed a timing issue that could result in removed storage LUNs still being presented to the OS
 - Corrected installation via the Config Tool
 - **Supported OS**
 - Windows 10, 8.1, 8, 7.
- **Version 1.65MP** (03/19/2015)
 - **New Features/Enhancements**
 - Initial release of Mac drivers for the ThunderLink FC 2162 and 2082.
 - **Supported OS**
 - Windows 10, 8.1, 8, 7.

3. Known Issues/Advisements

- 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

| Product Name | SKU |
|-----------------------------|---------------|
| ThunderLink FC 2162 adapter | TLFC-2162-D00 |
| ThunderLink FC 2082 adapter | TLFC-2082-D00 |
| ThunderLink FC 3322 adapter | TLFC-3322-D00 |
| ThunderLink FC 3162 adapter | TLFC-3162-D00 |

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. Please visit <https://www.attotech.com/support/> for hours of operation.

ATTO Technical Support can be contacted via phone or email:

- Phone: 716.691.1999 ext. 242
- E-Mail: techsupport@atto.com