



ATTO Technology, Inc.

Product Release Notes

Celerity 16Gb Fibre Channel Release v1.35– 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 Celerity 16Gb Fibre Channel adapter product v1.35 that was released on 3/16/2015. This information pertains to the Mac OS X 10.6.x and later.

2. Changes

- **Version 1.35 (Released 3/16/2015)**
 - **Note:** It is recommended that firmware dated 03/16/2015 be utilized with this driver release.
 - The following apply to driver v1.35
 - **New Features/Enhancements**
 - Addressed an event logging issue.
 - Addressed a timing issue when mounting volumes.
 - Fixed an issue of seeing LUNs in a direct attached environment.

- **Version 1.31 (Released 1/27/2015)**
 - **Note:** It is recommended that firmware dated 08/14/2014 be utilized with this driver release.
 - The following apply to driver v1.31
 - **New Features/Enhancements**
 - Fixed a resource leak issue.
 - Addressed an I/O response underrun

- **Version 1.30 (Released 10/30/2014)**
 - **Note:** It is recommended that firmware dated 08/14/2014 be utilized with this driver release.
 - The following apply to driver v1.30
 - **New Features/Enhancements**
 - Added support for Mac OS X 10.10
 - Addressed a firmware issue causing an error when querying a switch
 - Corrected an issue where HBAs failed to properly recover from a controller reset.

- **Version 1.25 (Released 08/28/2014)**
 - **Note:** It is recommended that firmware dated 08/14/2014 be utilized with this driver release.
 - The following apply to driver v1.25
 - **New Features/Enhancements**
 - Enhanced diagnostic capabilities with improved event logging
 - Improved CLI management capabilities
 - Added support for atreset
 - Added support for device display in atinfo
 - Addressed a potential kernel panic when drivers run out of IO resources
 - Addressed a potential kernel panic when a FC ThunderLink is present

- **Version 1.20 (Released 03/27/2014)**
 - **Note:** It is recommended that firmware dated 12/02/2013 be utilized with this driver release.
 - The following apply to driver v1.20
 - **New Features/Enhancements**
 - Corrected issue with Execution Throttle that could prevent I/O from being started.

- **Version 1.15 (Released 02/06/2014)**
 - **Note:** It is recommended that firmware dated 12/02/2013 be utilized with this driver release.
 - The following apply to driver v1.15
 - **New Features/Enhancements**
 - Added PCIe pause support for Thunderbolt hot plugging in OS X 10.9.

- **Version 1.10 (Released 10/15/2013)**
 - **Note:** It is recommended that firmware dated 4/10/2013 be utilized with this driver release.
 - The following apply to driver v1.10
 - **New Features/Enhancements**
 - Mac OS X Mavericks (10.9) Support.
 - Increased the maximum supported targets from 256 to 512.
 - Corrected an issue with read commands that falsely complete with a GOOD SCSI status.

- **Version 1.02 (Released 4/17/2013)**
 - **Note:** It is recommended that firmware dated 4/10/2013 be utilized with this driver release.
 - The following apply to driver v1.02
 - **New Features/Enhancements**
 - Implemented improvements for SAN Boot
 - Updated "--m" options for OS X 10.7 & later

- **Version 1.01 (Released 1/15/2013)**
 - **Note:** It is recommended that firmware dated 11/08/2012 be utilized with this driver release.
 - The following apply to driver v1.01
 - **New Features/Enhancements**
 - Changed the default Execution Throttle to 255 (disabled)
 - Implemented interrupt coalescing
 - Fixed event Log messages so lost frames report with the correct error code
 - Corrected an issue that could result in devices not being found after waking from sleep

- **Version 1.00 (Released 11/08/2012)**
 - **Note:** It is recommended that firmware dated 11/08/2012 be utilized with this driver release.
 - The following apply to driver v1.00
 - **New Features/Enhancements**
 - Initial release of Mac drivers for the Celerity 16Gb FC adapters
 - **Supported OS**
 - Mac OS X 10.8
 - Mac OS X 10.7
 - Mac OS X 10.6

3. Known Issues/Advisements

- Multiple direct connections to a Xyratex drive array do not work.
- Celerity quad-channel (FC-164E) is not support on Mac operating system.

4. Affected Products

Product Name	SKU
Celerity FC 161E	CTFC-161E-000
Celerity FC 162E	CTFC-162E-000

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