



4Gb Celerity Fibre Channel Release v4.00 – 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 4-Gb Celerity Fibre Channel adapter product v4.00 that was released on 7/25/2012. This information pertains to the Mac OS X.

2. Changes

- **Version 4.00 (Released 7/25/2012)**
 - **Note:** It is recommended that the latest flash bundle available on ATTO website be utilized with this driver release.
 - The following applies to changes made from driver v3.47 to v4.00
 - **New Features**
 - Mac OS X Mountain Lion (10.8) Support.
 - This driver version does not support OS X Tiger (10.4), or earlier.
 - Enhancements added to terminate the driver properly when unloaded.
 - Improved driver operation and error reporting while in degraded mode.

- **Version 3.47 (Released 6/10/2011)**
 - **Note:** It is recommended that the latest flash bundle available on ATTO website be utilized with this driver release.
 - The following applies to changes made from driver v3.44 to v3.47
 - **New Features**
 - Mac OS X Lion support.
 - When a device returns sense data of 06/29/00 (Power On/Reset), all paths to the device are rescanned for changes.
 - Added a property to enable the driver in Thunderbolt topologies.
 - This version is included on the OS X Lion DVD.

- **Version 3.44 (Released 6/25/2010)**
 - **Note:** It is recommended that the latest flash bundle available on ATTO website be utilized with this driver release.
 - The following applies to changes made from driver v3.43 to v3.44
 - **New Features**
 - Provided solution to work around OS X 10.6 panic when transfer sizes are greater than 32MB
 - The driver will continue processing device changes to prevent a stall after waiting 6 seconds for system quiescence
 - Provided solution for OS X to rescan the device for logical unit changes
 - The OSX command retry count changed to one instead of zero
 - The SCSI parity errors will be retried.

- **Version 3.43 (Released 1/13/2010)**
 - **Note:** It is recommended that the latest flash bundle available on ATTO website be utilized with this driver release.
 - The following applies to changes made from driver v3.40 to v3.43

- **New Features**
 - Sense data with a sense key of Recovered Error is converted to successful command completion
 - The driver will wait up to 5 seconds for the system NVRAM options to become available to load advanced driver options
 - Resolved a possible crash in Snow Leopard if highly fragmented or very large amount of memory is in use
- **Version 3.40 (Released 5/20/2009)**
 - **Note:** It is recommended that the latest flash bundle available on ATTO website be utilized with this driver release.
 - The following applies to changes made from v3.25 to v3.40
 - **New Features**
 - Documented support for Mac OSX 10.6 Snow Leopard
 - Updated the Uninstall.command script to display “Permission denied” when the sudo password is incorrect or blank. Note that the script will not work when the account has no password. See <http://support.apple.com/kb/TA25121>
 - The entire CDB is now output in the event log for command and SCSI errors
 - The ASCQ is now output in the event log for SCSI errors
 - **Incident Resolutions/Bug Fixes/Changes**
 - Resolved an issue with SFP speed detection that caused auto speed negotiation to not act as expected
 - Resolved out-of-resource processing to correctly pend, rebuild, and restart I/O while maintaining original I/O order. This issue required a heavy I/O load with various lengths to reproduce
- **Version 3.25 (Released 8/29/2008)**
 - **Note:** It is recommended that firmware dated 8/26/08 be utilized with this driver release.
 - **New Features**
 - New NVRAM settings, Port Down Retry Count and Link Down Timeout. These features help control recovery from link events
 - Changed the default I/O transfer size limit to 1MB
 - Resolved an issue when a link would go down, commands were prematurely aborted with an error before the link down timeout expired (i.e. the command was not retried if the link came back up within the timeout period)
 - Commands retries are now logged to the event log

3. Known Issues/Advisements

- Driver version 4.00 does not support OS X Tiger (10.4), or earlier.
- Thunderbolt hot plugging is not supported.
- “Deep” sleep is supported only on Intel Macs. PowerPC Macs will sleep, but not “deep” sleep, so the sleep light will not pulsate. A side effect is that when PowerPC systems are put to sleep, the fan speed will increase until the system is awakened.

4. Affected Products

Product Name	SKU
Celerity FC 44ES	CTFC-44ES-000
Celerity FC 42ES	CTFC-42ES-000
Celerity FC 41ES	CTFC-41ES-000
Celerity FC 41XS	CTFC-41XS-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
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