



Celerity 8 Gb Fibre Channel Release v1.10 - Windows

1. General Release Information

These product release notes define the new features, changes, known issues and release details that apply to the Celerity 8-Gb Fibre Channel adapter product v1.10 that was released on 5/20/2009. This information pertains to the Windows XP, Vista, Server 2003 and 2008 OS.

2. Changes

- **Version 1.10 (Released 5/20/2009)**
 - **Note:** It is recommended that firmware dated 090831 be utilized with this driver release.
 - The following apply to driver v1.10
 - **New Features**
 - Documented support for Windows 7
 - Driver support for WHQL 2008
 - More of the CDB as is now output in the event log for command and SCSI errors. Also, Logout and Login event reporting has been improved
 - The ASCQ is now output in the event log for SCSI errors
 - Added PCI subsystem device ID checking to prevent the driver from controlling future adapter models
 - Integrated TSDK 6.10
 - Support was added for Execution Throttle, default value 32, applicable only to Windows StorPort drivers
 - The driver now reads the SFP speed at startup and limits the supported speed to what the SFP supports
 - **Incident resolution/Bug Fixes**
 - Resolved issues where the LUN Masking Util did not apply saved configuration after reboot
 - Windows fails to properly negotiate sleep states with StorPort Driver in Windows Vista 32 bit
 - Resolved Auto Topology issues
 - A problem was fixed where a recovery command for a timeout could get out on the wire before the ABTS for the command that timed out
 - If Initiator Mode is disabled, the Initiator bit in the RFF_ID Name Server registration request is now cleared
 - A double completion problem in Target Mode was fixed
 - Registry entry TargetModeLinkDelay was added so that in Target Mode applications, the link won't come up until the upper level SCSTMD driver connects
 - The version 1 Target Mode interface now defaults FctmdFeatures to FCTMD_FEATURE_IMMED_LOGIN
 - In Target Mode, the bytes were swapped for ResidualLength for cases of Data Overruns
 - Auto topology now gives P2P a little more preference
 - A workaround was incorporated to accommodate a switch that was improperly assigning a conflicting Area and Domain to certain Port IDs

- A problem where RSCNs would not get processed after a certain number of them were received was corrected
 - The default Interrupt Coalescing is now NONE
 - ADISC Replies were using the wrong R_CTL bits
 - When rejecting the login from the Fabric Controller, we now return a Reject Reason of Command Not Supported. This causes the Fabric Controller to stop attempting to log in indefinitely
 - work-around was implemented for the QLogic 5600 switch that stops responding to logins to the Management Server after 500 logins. This problem occurred during automated cable pull testing. The symptom was that after a cable pull, discovery was not started and targets didn't show up
 - HBA API calls that send low-level Fibre Channel requests (such as CT_PASSTHRU) were truncating the returned Response Length to the length of the Request. That has been fixed
- **Version 1.0 (Released 8/26/2008)**
 - **Note:** It is recommended that firmware dated 8/26/08 be utilized with this driver release.
 - The following apply to driver v1.00
 - **New Features**
 - Initial release of Windows drivers for the Celerity 8Gb FC adapters
 - **Supported OS**
 - Windows XP (x86, x64)
 - Windows Vista (x86, x64)
 - Windows Server 2003 (x86, x64)
 - Windows Server 2008 (x86, x64)

3. Known Issues/Advisements

- We have seen some problems with certain combinations of auto-topology settings. In some cases the link may not be established on startup or after cable pulls. Setting both ports of a link to the desired topology will resolve this issue.

4. Affected Products

Product Name	SKU
Celerity FC 81EN	CTFC-81EN-000
Celerity FC 82EN	CTFC-82EN-000
Celerity FC 84EN	CTFC-84EN-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 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
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