



Celerity 8Gb Fibre Channel Release v1.45 - Linux

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 v1.45 that was released on 3/7/2013. This information pertains to the Linux OS.

2. Changes

- **Version 1.45 (Released 3/7/2013)**
 - **Note:** It is recommended that latest firmware available on ATTO website be utilized with this driver release.
 - **New Features & Enhancements**
 - Added support for Execution Throttle.
 - Task Management handling has been improved.
 - Improved PCI error interrupt processing.
 - Updated 32-bit core file for kernel version 3.0 and higher
 - **Supported OS (updated list)**
 - RHEL 5
 - RHEL 6
 - SLES 10
 - SLES 11
 - SLES 11 SP1
 - Fedora 14
 - Fedora 15
 - openSUSE 11.3
 - openSUSE 11.4
 - CentOS 5
 - CentOS 6

- **Version 1.34 (Released 5/4/2012)**
 - **Note:** It is recommended that latest firmware available on ATTO website be utilized with this driver release.
 - **New Features & Enhancements**
 - Addressed an incompatibility with certain Promise devices running in Point-to-Point.

- **Version 1.33 (Released 2/2/2012)**
 - **Note:** It is recommended that latest firmware available on ATTO website be utilized with this driver release.
 - **New Features & Enhancements**
 - Made adjustment regarding bus reset handling.

- **Version 1.32 (Released 7/29/2011)**
 - **Note:** It is recommended that latest firmware available on ATTO website be utilized with this driver release.
 - **New Features & Enhancements**
 - Resolved instances of kernel panics occurring when removing the ATTO driver while drives are being spun up.

- New system logging macros are being used.
 - Contains fix for dropped PLOGIs or PRLIs.
 - **Supported OS (updated list)**
 - RHEL 5
 - RHEL 6
 - SLES 10
 - SLES 11
 - SLES 11 SP1
 - Fedora 14
 - Fedora 15
 - openSUSE 11
 - CentOS 5
 - CentOS 6
- **Version 1.30 (Released 3/31/2011)**
 - **Note:** It is recommended that latest firmware available on ATTO website be utilized with this driver release.
 - **New Features & Enhancements**
 - Feature Improvement related to command out operation
 - Various improvements related to Target Mode operation
- **Version 1.24 (Released 12/7/2010)**
 - **Note:** It is recommended that latest firmware available on ATTO website be utilized with this driver release.
 - **New Features & Enhancements**
 - Feature improvement related to task management.
 - Improved the adapter recovery after a reset with a pending interrupt.
 - Added support for Red Hat Enterprise Linux 6.
- **Version 1.23 (Released 7/30/2010)**
 - **Note:** It is recommended that latest firmware available on ATTO website be utilized with this driver release.
 - **New Features & Enhancements**
 - Support added for T10-DIF
 - The command line switch T10Dif has the default setting as 0 (disabled). To enable, change setting to one (1).
 - When enabled, the driver will detect if a disk drive is formatted for T10-DIF. Upon detection of T10-DIF, the driver will automatically generate the DIF field on the writes, and check it on the reads.
 - This feature does not provide a mechanism to format the drive.
- **Version 1.12 (Released 8/31/2009)**
 - **Note:** It is recommended that firmware dated 091119 be utilized with this driver release.
 - **New Features & Enhancements**
 - Expanded support for the Linux transport layer (IR 6558)
 - Enhancements to abort and reset handling
 - Removed the num_ioreq and low_memory_mode driver parameters
- **Version 1.10 (Released 5/20/2009)**
 - **Note:** It is recommended that firmware dated 090501 be utilized with this driver release.
 - **New Features & Enhancements**
 - Added support for the Linux SCSI transport layer
 - Incorporated TSDK 6.10
 - Resolved multiple compilation errors
- **Version 1.0 (Released 8/26/2008)**
 - **Note:** It is recommended that firmware dated 8/26/08 be utilized with this driver release.
 - **New Features & Enhancements**
 - Initial release of Linux drivers for the Celerity 8Gb FC adapters

- **Supported OS**
 - RedHat 4 (x86, x64)
 - RedHat 5 (x86, x64)
 - SuSE 9 (x86, x64)
 - SuSE 10 (x86, x64)
 - Fedora Core 7 (x86, x64)
 - Fedora Core 8 (x86, x64)

3. Known Issues/Advisements

- None

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
- E-Mail: techsupport@attotech.com