



FastFrame 10GbE CNA Release v1.20 - Linux

1. General Release Information

These product release notes define the new features, changes, known issues and release details that apply to the FastFrame Converged Network Adapters product v1.20 that was released on 6/21/2012. This information pertains to the Red Hat Enterprise Linux 5, 6 (i386, x86, x64), CentOS 5, 6 (i386, x86, x64), SUSE Linux Enterprise Server 11 (x86, x64).

2. Changes

- **Version 1.20 (Released 6/21/2012)**

- The following apply to driver v1.20
- **New Features**
 - Initial release of CNA Advanced Features
 1. Data Center Bridging Exchange (DCBX) Protocol
 2. MSI interrupts
 3. VN2VN port connections
 4. Target Mode
 5. SM-HBA
 - Implemented new transmit and interrupt watchdog timers
 - General performance enhancements
- **Supported OS**
 - Red Hat Enterprise Linux 5, 6 (i386, x86, x64)
 - CentOS 5, 6 (i386, x86, x64)
 - SUSE Linux Enterprise Server 11 (x86, x64)

- **Version 1.00 (Released 5/18/2011)**

- The following apply to driver v1.00
- **New Features**
 - Initial release of Linux drivers for the FastFrame 10GbE Converged Network Adapters
- **Supported OS**
 - Red Hat Enterprise Linux 5 (x86, x64)
 - Fedora 12 (x86, x64)
 - SUSE Linux Enterprise Server 11 (x86, x64)
 - openSUSE 11.2 (x86, x64)

3. Known Issues/Advisements

- Changing LLI moderation settings using the AtCnaNvr CLI tool does not work and disables all LLI settings. A workaround is to use ATTO Configuration Tool to change LLI moderation settings.
- CNA driver causes kernel panic in Fedora 12 (stock) when utilizing FCoE and Ethernet traffic.
- Bonding doesn't work in Red Hat 5.7 x86.
- No link light on CSxx adapters in Linux.
- It is recommended to not load ffxgbe in SLES 11 x64 to prevent a possible hang.
- Using jumbo frames as a replacement for standard frames will allow for full utilization of 10Gb Ethernet.

4. Affected Products

Product Name	SKU
FastFrame CS11	FFRM-CS11-000
FastFrame CS12	FFRM-CS12-000
FastFrame CS14	FFRM-CS14-000

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