



## FastFrame 10GbE CNA Release v1.01 - Windows

### 1. General Release Information

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These product release notes define the new features, changes, known issues and release details that apply to the FastFrame Converged Network Adapters product v1.01 that was released on 7/28/2011. This information pertains to the Windows 7, XP, Vista, Server 2003, 2008 and 2008 R2 OS.

### 2. Changes

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- **Version 1.01 (Released 7/28/2011)**
  - The following apply to driver v1.01
  - **New Features**
    - Resolved statistics issue with tracking dropped packets.
    - Resolved MTU size reporting issue.
    - Fixed initialization and reporting of adapter's link state.
    - Improved driver functionality when changing Network Properties options in Windows 2003 x64.
    - Fixed allocation and handling of global adapter list lock.
    - The receive-side DPC handling in the FastFrame driver was modified, resulting in a more responsive system for the user when under heavy load.
    - Added registry settings to specify the number of packets processed per OPC to provide improved functionality.
    - Improved FIP event log messages.
    - Fixed an issue where the driver would hang while parsing a malformed FIP descriptor.
- **Version 1.00 (Released 5/18/2011)**
  - The following apply to driver v1.00
  - **New Features**
    - Initial release of Windows drivers for the FastFrame 10GbE Converged Network Adapters
  - **Supported OS**
    - Windows XP (x86, x64)
    - Windows Vista (x86, x64)
    - Windows 7 (x86, x64)
    - Windows Server 2003 (x86, x64)
    - Windows Server 2008 (x86, x64)
    - Windows Server 2008 R2 (x64)

### 3. Known Issues/Advisements

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- 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.
- Windows XP shows the speed of the FastFrame Network Adapter device in Network Connections as "1.4 Gbps" when running at a full 10 Gbps. This is an issue with XP and is purely cosmetic.
- FastFrame/ Config Tool hangs when FC Target connection is reconnected.
- Blue Screen disconnecting/reconnecting fibre channel target via FCoE.

- The MTU size we now report does not include room to add an 802.1q tag, so any ports that we connect to needs to be appropriately configured.
- Properties page hangs when making changes to 5.x driver, after uninstalling TCPIPv6 protocol has left broken "Microsoft Tun Miniport Adapter" device(s). This is a third-party issue.
- FastFrame SCSIport driver failing WHQL tests.

#### 4. Affected Products

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

#### 5. Contacting ATTO Support

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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:

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