Product Release Notes

FastFrame™ 40GbE NIC v1.07 – macOS®

1. General Release Information

These product release notes define the new features, changes, known issues and release details that apply to the FastFrame 40GbE v1.07. This information pertains to macOS® 10.10 and later.

2. Changes

- *Version 1.07 (Released 01/17/2018)*
  - **New Features, Enhancements and Changes**
    - Updated transmit functionality to improve efficiency.
    - Fixed an issue where the link would not come up if an interface was enabled using ifconfig.
    - Added functionality to temporarily disable LRO when packet loss is detected. This feature is disabled by default and can be enabled for testing purposes.
- *Version 1.05 (Released 05/05/2017)*
  - **New Features, Enhancements and Changes**
    - Enabled support for multiple transmit rings.
    - Removed adaptive RX coalescing.
    - Limited the number of segments in Large Receive Offload (LRO) packets to improve efficiency.
- *Version 1.00 (Released 07/13/2016)*
  - **New Features, Enhancements and Changes**
    - Initial release for the FastFrame 40GbE NIC drivers for macOS™

3. Known Issues/Advisements

- Increasing the RX buffer size to 4k and/or disabling interrupt moderation can help reduce packet loss while under heavy load.
- macOS High Sierra has introduced User-Approved Kernel Extension Loading. For additional information on this update, please visit: http://developer.apple.com/library/content/technotes/tn2459

4. Affected Products

Product Name	SKU
FastFrame NQ41	FFRM-NQ41-000/DA0
FastFrame NQ42	FFRM-NQ42-000/DA0

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).
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