



ATTO Technology, Inc.

Product Release Notes

XstreamCORE FC 7550 Firmware Release v1.00

1. General Release Information

These product release notes define the features, known issues and release details that apply to the XstreamCORE FC 7550 version 1.00 that was released on 2/09/2017.

2. Introduction

- **Version 1.00 (Released 02/09/2017)**
 - **XstreamCORE FC 7550 Specifics**
 - *More efficient platform that increases performance 2x over previous generation*
 - *7550 Storage Controller bridges 4x 16Gb Fibre Channel to 4x (4 lane) 12Gb SAS*
 - *Support for up to 960 SSD or HDD disk drives*
 - *Fully data protected architecture eliminates silent data corruption*
 - *Adds less than 4 microseconds of latency to attached storage*
 - *Dual hot-swap power supplies*
 - *Flash ROM supports dual boot images for greater reliability during firmware updates*
 - *Large flash event log stored in NAND memory for field diagnostics*
 - *Fibre Channel SFP+ modules included with product*
 - *Dual 100/1000 Ethernet management ports*
 - *Battery-free design*
 - **Initial Release Features**
 - *Supports SAS 3Gb, 6Gb and 12Gb disk storage devices*
 - *Supports SATA 3Gb and 6Gb disk storage devices*
 - *Supports connection to 4Gb, 8Gb and 16Gb Fibre Channel*
 - *Drive Map Director™ feature provides predictive enclosure-aware mapping scheme*
 - *XstreamVIEW™ System Manager GUI, CLI, FTP and Telnet access*
 - *Available FC and SAS port statistics*
 - *Available in-band access*
 - *SNMP Support*
 - *SMTP Support*

3. Known Issues/Advisements

- IR15619 – On the XstreamVIEW controller configuration page, the Identify Controller button temporarily saves page settings similar to using the Submit button
- IR16309 – Host Group rename command (HGRename) allows names that contain illegal characters (non-alpha numeric) and does not enforce the maximum string length (32) for Host Group names.
- IR16310 – Duplicate maps appear in RouteDisplay when SasMapByTopology is enabled, two drives are pulled from an SES-based JBOD enclosure, and one is re-inserted into the other pulled drive's slot.
- IR16311 – Drives are not visible in RouteDisplay when connected to NetApp JBOD DS2246 12Gb IOM shelves and SasMapByTopology is enabled.

- IR16346 – Extended copy commands will complete with busy status if one or more of the affected drives are removed from the system and then reinserted.
- IR16410 - 7500 disappears when OSX 10.11 goes to sleep or hibernates until cable pull or FirmwareRestart.
- IR16657 – Sometimes NVRAM setting changes made through the CLI may not “stick” after the CLI Command “SaveConfiguration” has been executed without a restart. This has been known about within Engineering for a couple years (in fact this is a duplicate of IR14732), but we have not been able to determine root cause.
- IR16911 – The SNMP MIB for the FibreBridge/XstreamCORE line has not been updated yet, in part because not all bridges have been rebranded, and the NetApp line may or may not be rebranded.
- IR16941 – QuickNav reboot time expires before the XC7550 finishes rebooting. QuickNav allows you to discover an XC7550 and assign it an IP address, but after QuickNav performs a “saveconfiguration restart”, the QuickNav reboot timer expires prematurely.
- IR16964 – Virtual Drive Response (VDR) issues were discovered during XC7550 testing. However, VDR is only used in tape environments, and tape is not officially supported on the XC7550.
- IR17035 – When 32 or more initiators simultaneously log out of the XC7550 (only observed in an NPIV environment where a host with 32 or more virtual initiators is disconnected from a switch), the logout is not processed correctly by the Celerity layer and the initiators are not logged out. The initiators will be implicitly logged out upon rediscovery.

4. Affected Products

Product Name	SKU
XstreamCORE FC 7550	XCFC-7550-004

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