



XstreamCORE ET 8200 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 ET 8200 version 1.00 that was released on 11/13/2017.

2. Introduction

- **Version 1.00 (Released 11/13/2017)**
 - **XstreamCORE ET 8200 Specifics**
 - 8200 Storage Controllers bridge (2) 40Gb Ethernet ports to (4) 12Gb SAS connectors (16 PHYs)
 - Support for up to 240 SSDs or HDDs
 - Support for up to 960 SSD or HDD disk drives for OEM customers
 - Data path fully protected - eliminates silent data corruption
 - Adds less than 2 microseconds of latency to attached storage
 - Dual hot-swap power supplies
 - Flash ROM supports dual boot images for greater reliability & on-line firmware updates
 - Large flash event log stored in NAND memory for more efficient field diagnostics
 - Ethernet QSFP+ modules included with product
 - Dual 100/1000 Ethernet management ports with support for IPv4
 - Single USB management port
 - Single serial management port
 - **Initial Release Features**
 - Supports connection to 10Gb and 40Gb Ethernet with iSER protocol support
 - Supports SAS 3Gb, 6Gb and 12Gb disk storage devices
 - Supports SATA 3Gb and 6Gb disk storage devices
 - xCORE™ provides low latency data movement using parallel I/O acceleration engines
 - eCORE™ Control Engine provides common storage and management services
 - Drive Map Director™ feature provides predictive enclosure-aware mapping scheme
 - XstreamVIEW™ System Manager GUI, CLI, FTP and Telnet access
 - Available port statistics
 - HTTPS Support on the management ports
 - IPv4 Support on the management ports
 - SNMP Support
 - SMTP Support
 - **Operating Requirements**
 - This release support iSCSI Extensions for RDMA over Ethernet (iSER)
 - To access iSER performance you must have an Ethernet NIC capable of RDMA (RoCE and iSER), if using Ethernet switches they must support flow control or PFC (Priority Flow Control) and operating systems that support iSER which include:
 - SuSE Linux
 - Red Hat Enterprise Linux (RHEL)
 - CentOS Linux

3. Known Issues/Advisements

This is the first release of the XstreamCORE ET 8200.

- Please contact ATTO Technical Support for the latest issues and advisements.

4. Affected Products

Product Name	SKU
XstreamCORE ET 8200	XCET-8200-002

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