



ATTO Technology, Inc.

Product Release Notes

ExpressSAS Host Adapter 6Gb v2.30 Windows Server® 2016 Certified Driver

1. General Release Information

These product release notes define the new features, changes, known issues and release details that apply to the ExpressSAS Host adapter products v2.30 that was released on December 12, 2017. This information pertains to the Windows Server 2016 operating system.

2. Changes

- **Version 2.30 (Released 12/12/17)**
 - **Note:** It is recommended that firmware dated 05/29/13 be used with this driver release.
 - **New Features, Enhancements and Changes**
 - Added a workaround for SATA drives with improperly formatted firmware versions
 - The tracing driver now enables event logging by default
 - Added *atdevinfo* and *atsasinfo* CLI tools
 - Added support for *atsasinfo* to replace *atsasphy*
 - Added MSI I/O vector count reporting for *atinfo*
 - Added support for issuing bus resets via *atreset*

- **Version 2.20 (Released 1/12/17)**
 - **Note:** It is recommended that firmware dated 01/05/2016 be used with this driver release.
 - **New Features, Enhancements and Changes**
 - Initial release of Windows Server 2016 certified driver.

3. Known Issues/Advisements

- Please refer to the DOS release notes for any known firmware issues.
- The driver is not fully SAT compliant (SCSI-to-ATA Translation for SATA support). The following SCSI commands are not translated: UNMAP, REASSIGN BLOCKS, SECURITY PROTOCOL IN, and SECURITY PROTOCOL OUT. There is no known user impact.
- The adapter firmware is not able to open simultaneous connections on multiple PHYs to a wide ported end device, resulting in limited read and write performance in these configurations. A work around exists in the device driver; however, ATTO cannot guarantee discovery or interoperability with SAS RAID devices.

4. Affected Products

Product Name
ExpressSAS H680 Host Adapter
ExpressSAS H608 Host Adapter
ExpressSAS H6F0 Host Adapter
ExpressSAS H60F Host Adapter
ExpressSAS H644 Host Adapter

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