



ExpressSAS H6F0 GT HBA Release v1.08 - Mac® OS X

1. General Release Information

These product release notes define the new features, changes, known issues and release details that apply to the ExpressSAS H6F0 GT host adapter product v1.08 that was released on October 11, 2012. This information pertains to Mac OS X 10.6, and later, for systems with Intel® processors.

2. Changes

- **Version 1.08 (Released 10/11/2012)**
 - **Note:** It is recommended that firmware dated 10/11/2012 be utilized with this driver release.
 - **New Features, Enhancements and Changes**
 - Updated the memory allocation for x64 platforms for compatibility with OS X 10.8.2 and later.
 - Added data underrun detection to SMP pass-through commands.
 - Add several improvements to SATA task management processing.
- **Version 1.07 (Released 07/25/2012)**
 - **Note:** It is recommended that firmware dated 05/21/2012 be utilized with this driver release.
 - **New Features, Enhancements and Changes**
 - Mac OS X Mountain Lion (10.8) Support.
 - Fixed an issue where some temporary installation files were not removed from system.
- **Version 1.06 (Released 05/24/2012)**
 - **Note:** It is recommended that firmware dated 05/21/2012 be utilized with this driver release.
 - **New Features, Enhancements and Changes**
 - Modifications made to provide a quiescent period after a reset to prevent chip errors being asserted during power management.
 - Added support for *atreset*, *atdevupd*, and *atsastop* CLI tools.
 - The default device wait time when resuming from sleep has been increased to 15 seconds.
 - Added support for reporting the board temperature in *atinfo*.
 - Fixed a rare issue where task management for a SATA target could affect outstanding I/Os for other SATA targets.
 - Fixed support for SATA drives with non-512 byte sector sizes.
 - Resolved an issue where the residual length on data underruns and overruns was not reported correctly.
 - Prevent the assertion of a DMA error when an unassociated data FIS is received.
 - Corrected several crashes and hangs that could occur during Thunderbolt hot plugging.
 - The driver installer has been updated to support GateKeeper for OS X Mountain Lion.
- **Version 1.05 (Released 01/31/2012)**
 - **Note:** It is recommended that firmware dated 01/31/2012 be utilized with this driver release.
 - **New Features, Enhancements and Changes**
 - Initial production release for the H6F0 GT.

3. Known Issues/Advisements

- The driver is not fully SAT compliant (SCSI-to-ATA Translation for SATA support). The following SCSI commands are not translated: FORMAT UNIT, REASSIGN BLOCKS, SECURITY PROTOCOL IN, and SECURITY PROTOCOL OUT. There is no known user impact.

4. Affected Products

Product Name	SKU
ExpressSAS H6F0 GT Adapter	ESAS-H6F0-GT0

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 6:00 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