



## ExpressSAS Host Adapter Release v1.12 - Mac® OS X

### 1. General Release Information

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These product release notes define the new features, changes, known issues and release details that apply to the ExpressSAS Host Adapter products, version 1.12, which was released on 07/24/2008. This information pertains to the Mac OS X platform for PowerPC and Intel® based systems.

### 2. Changes

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- **Version 1.12 (Released 7/24/2008)**
  - **Note:** It is recommended that firmware dated 2008\_07\_17 be utilized with this driver release.
  - The following apply to changes made from v1.10 to v1.12
  - **Incident Resolutions/Bug Fixes/Changes**
    - Changed the maximum I/O transfer limit default to unlimited to accommodate for changes made in OS X version 10.5.3 that could affect performance
    - Added a system NVRAM switch to disable wide ports
    - Addressed adapter recovery issues preventing the driver from entering into an invalid state if adapter doesn't recover on the first attempt.
- **Version 1.10 (Released 5/14/2008)**
  - **Note:** It is recommended that firmware dated 2008\_05\_09 be utilized with this driver release.
  - The following apply to changes made from v1.00 to v1.10
  - **New Features**
    - **Added support for ExpressSAS H30F:** With this release, ATTO has released an ExpressSAS H30F Host Adapter model with 16 internal mini-SAS ports for increased connectivity.
  - **Incident Resolutions/Bug Fixes/Changes**
    - Support added for ExpressSAS H30F
    - Initialization enhancements incorporated to support transport firmware updates
    - Improved power management functionality
    - Support added for non-zero LUNs
    - Addressed issues related to flashing the adapter while I/O is in progress
    - Enhanced support for applications to perform SMP commands
    - After initial discovery has completed, devices are now presented to the OS in order of ascending SAS address with SMP devices sorted last
    - Improved SATA device affiliation behind expanders when devices are moved between two adapters
    - Untagged commands are now converted to simple queue instead of ordered queue
- **Version 1.00 (Released 10/19/2007)**
  - Initial release for the ExpressSAS H380 and H308 Host adapters

### 3. Known Issues/Advisements

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- Reference DOS/BIOS and Configuration Tool release notes for additional information

### 4. Affected Products

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Product Name	SKU
ExpressSAS H380 Host Adapter	ESAS-R380-000

### 5. Contacting ATTO Support

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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](mailto:techsupport@attotech.com)