



ExpressSAS 6Gb RAID Flash Bundle v100712

1. General Release Information

These product release notes define the new features, changes, known issues and release details that apply to the ExpressSAS 6Gb RAID adapter flash bundle package, version 100712, which was released on 07/15/10. This information pertains to the flash bundles and BIOS utility associated with the ExpressSAS 6Gb RAID product.

2. Changes

- **Version 100712 (Released 07/15/10)**
 - The following apply to changes made from v1.00 to v1.10.
 - **New Features, Enhancements and Changes**
 - Incorporated firmware version 1.10
- **Version 100520 (Released 05/21/10)**
 - **New Features, Enhancements and Changes**
 - Initial release for the R644, R680 and R608.

3. Known Issues/Advisements

- If a cable is disconnected or a drive is pulled during data transfer, commands may be lost and the interface may not recover, when connected to SATA drives through an expander.
- A RAID group may go offline and several drives may be marked as faulted, when writing to Seagate Barracuda ES.2 drives in certain enclosures.
- The adapter can be flashed with only one boot driver at a time. The options are BIOS, EFI 32 bit or EFI 64 bit.

4. Affected Products

Product Name	SKU
ExpressSAS R644 RAID Adapter	ESAS-R644-000
ExpressSAS R680 RAID Adapter	ESAS-R680-000

ExpressSAS R608 RAID Adapter	ESAS-R608-000
ExpressSAS R644 RAID Adapter with CacheAssure	ESAS-R644-C00
ExpressSAS R680 RAID Adapter with CacheAssure	ESAS-R680-C00
ExpressSAS R608 RAID Adapter with CacheAssure	ESAS-R608-C00

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