



ExpressPCI Ultra320 Firmware Release v2009_04_10

1. General Release Information

These product release notes define the new features, changes, known issues and release details that apply to ExpressPCI Ultra320 SCSI adapter flash bundle package, version 2009_04_10, released on 08/28/2009. This information pertains to the flash bundles and BIOS utility associated with the ExpressPCI Ultra320 SCSI products.

2. Changes

- **Flash Version 2009_04_10 /BIOS V2.27 (Released 08/28/2009)**
 - The following apply to changes made from Flash 2008_02_018 to 2009_04_10 / BIOS v2. 0 to v2.27
 - **It is recommended that BIOS version 2.27 be utilized with this firmware release.**
 - **New Features, Enhancements and Changes**
 - Interrupt polling changed from hardware interrupts.

- **Flash Version 2008_02_18 /BIOS V2.00 (Released 02/29/2008)**
 - The following apply to changes made from Flash 2007_09_05 to 2008_02_18 / BIOS v1.20 to v2.00
 - **It is recommended that BIOS version 2.25 be utilized with this firmware release.**
 - **New Features, Enhancements and Changes**
 - Support for Microsoft Windows® Server 2008
 - Addressed an issue with a bus hang during data transfer when a U320 write command is issued with a length that is not a multiple of four.
 - Set all untagged commands to ordered queue.
 - Corrected the displayed transfer rate in the BIOS for devices with pre-Ultra2 transfer rates.
 - Removed the 'Reset SCSI Bus on Startup' setting from the setup utility.

3. Known Issues/Advisements

- None

4. Affected Products

Product Name	SKU
ExpressPCI UL4S	EPCI-UL4S-XXX
ExpressPCI UL4D	EPCI-UL4D-XXX
ExpressPCI UL5D	EPCI-UL5D-XXX
ExpressPCI UL5D Low Profile	EPCI-UL5D-LXX

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