



## ExpressPCI Ultra320 Release v1.10 - Linux

### 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 driver, version 1.07, released on 06/06/2008. This information pertains to the Red Hat Linux Enterprise 3/4/5 and SUSE Linux Enterprise 9/10 drivers for ExpressPCI SCSI host adapters on x86, x64 (AMD64, EM64T) and IA-64 platforms.

### 2. Changes

---

- **Version 1.10 (Released 06/06/2008)**
  - The following apply to changes made from v1.07 to v1.10
  - **It is recommended that firmware version 2008\_02\_18 and BIOS version 2.25 be utilized with this driver release.**
  - **New Features**
    - Expanded kernel support for kernel 2.6.25
  - **Incident Resolutions/Bug Fixes/Changes**
    - Addressed an issue where an external bus reset during negotiation could cause a kernel panic
    - Improved sequence of compiling, installing and loading driver in 2.4 kernel
- **Version 1.07 (Released 02/28/2008)**
  - The following apply to changes made from v1.06 to v1.07
  - **It is recommended that firmware version 2008\_02\_18 and BIOS version 2.25 be utilized with this driver release.**
  - **New Features**
    - Expanded kernel support addressing issues with older kernels and adding support for newer kernels used by Fedora. Refer to the readme file for details.
    - Updated the file layout, including an install script "install.sh"
  - **Incident Resolutions/Bug Fixes/Changes**
    - Addressed an issue with a bus hang during U320 data transfer when a write command is issued with a length that is not a multiple of four.
    - Resolved issues with resets on 2.4 kernels
    - Added "low\_memory\_mode" parameter for systems with limited resources.

### 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](mailto:techsupport@attotech.com)