



## ExpressSAS Host Adapter 6 Gb Release v1.35 - VMware®

### 1. General Release Information

---

These product release notes define the new features, changes, known issues and release details that apply to the ExpressSAS Host Adapter 6 GB products v1.35 that was released on 09/15/10. This information pertains to the VMware ESX Server (vSphere) OS 4.1 driver.

### 2. Changes

---

- **Version 1.35 (Released 09/15/10)**
  - **Note:** It is recommended that firmware dated 07/27/10 be utilized with this driver release.
  - Initial release of VMware ESX 4.1 driver for the ExpressSAS 6GB SAS adapters.
  - **New Features, Enhancements and Changes**
    - Initial driver release.

### 3. Known Issues/Advisements

---

- The firmware will not attempt to open simultaneous connections on multiple PHYs to a wide ported end device. This results in write performance limited to the bandwidth of one PHY and a degradation in read performance. A work around in the drivers was created using narrow ports and virtualizing the wide port at the driver level. Testing has shown that the Infortrend EONStor ES A08S-C2132 array and Areca RAID controllers can not function in this topology. As a result, the virtual wide port feature is disabled for these devices when direct attached.
- SATA drives are not currently supported.

### 4. Affected Products

---

Product Name	SKU
ExpressSAS H680 Host Adapter	ESAS-H680-000
ExpressSAS H608 Host Adapter	ESAS-H608-000
ExpressSAS H6F0 Host Adapter	ESAS-H6F0-000
ExpressSAS H60F Host Adapter	ESAS-H60F-000
ExpressSAS H644 Host Adapter	ESAS-H644-000

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