ATTO

ATTO Technology, Inc.

FastStream™ VT 5700

Product Features

Blazing Fast Performance

- Perform up to a total of 60 concurrent backups per FastStream VT appliance, which allows multiple servers to be backed up at once.

- Utilizes disk storage and takes the place of conventional tape to deliver immediate performance improvements to backup and restore applications.

One-click Installation

- Takes the guesswork out of setup and installation with preconfigured tape-library setup.

- Built-in ExpressNAV™ VTL Manager for Browser based configuration and management

Smooth Data Streaming

- SpeedWrite™ feature boosts write performance by efficiently managing writes between the server and virtual tape drives.

- Disk Drives are significantly more reliable than tapes, with no cleaning or streaming problems.

Virtual Tape Management

- The FastStream VT is independent of storage, allowing the user to increase the amount of virtual tapes available without having to purchase additional virtual tape hardware.

- Our exclusive Advanced VTL Capacity Expansion (AVCE™) technology allows you to add virtual tapes as needed, up to 256 per virtual tape library.

Increase Reliability, Speed of Backups and System Restores with Virtual Tape.

The ATTO FastStream VT 5700 Virtual Tape Appliance is a mid-range storage appliance that emulates multiple Tape Libraries for blazing fast backups and error free restores of all your critical data. In addition, the ATTO RAID Virtual Tape Appliance is available in an industry standard 1U rack-mount or desktop enclosure.

Offering the latest in performance and connectivity, the ATTO FastStream VT 5700 provides a "one-click" installation wizard that dramatically simplifies installation and configuration.

The ATTO FastStream VT 5700 Appliance is seen by system applications as a conventional tape library with high performance backup and restore and instantaneous file access capability along with seamless scalability. ATTO Virtual Tape delivers immediate performance improvements to backup, restore and archival applications. It supports investments already made in disk storage, tape drives and libraries as well as application software. Keep current configurations in place with no software, procedural or policy changes.

The ATTO FastStream Storage Appliance family are high performance, storage agnostic, stand alone appliances that add instant data protection and can be seamlessly integrated into an existing storage environment to provide blazing-fast access to valuable assets. This means you can add hardware RAID to use your existing direct attached storage to ensure your data is protected without compromising performance. Specifically designed to provide un-tethered connectivity and on-the-fly capacity expansion for backup environments and applications, FastStream provides a cutting-edge storage backup solution.

Technical Highlights

- **Configurable for 1 or 2 Virtual Tape Libraries**

- **Up to 30 Virtual Tape drives and 256 Virtual Tapes per Library**

- **RAID Levels 0, 1, 5, 10 with Global Hot Spares**

- **Dual 4-Gigabit Fibre Channel Host Interfaces**

- **Dual 4-Gigabit Fibre Channel Device Interfaces**

- **One-click installation simplifies configuration**

- **Emulation support for 15 tape libraries from leading manufacturers**

- **Advanced Management: In-band via Fibre Channel, local via RS-232 or remote via Ethernet**

- **Field Upgradeable Firmware**

- **Phone Home Error Notification**

- **O/S and platform independent**

Technical Specification
FastStream VT 5700

Virtual Tape Appliance

FastStream VT 5700
Virtual Tape Appliance

Technical Features	
Virtual Tape Library	• Virtual Libraries Supported: 2 • Maximum Virtual Tape Drives per Library: 30 • Maximum Virtual Tapes per Library: 256 • SCSI-3 Support • All required tape and media changer commands supported
RAID Levels	• 0, 1, 5 and 10 (JBOD is also supported) with Global Hot Spares
Key Features	• RAID Rebuild with Tunable Rebuild Priority • Pre-configured Inquiry Strings for 15 Tape Libraries • Advanced VTL Capacity Expansion (AVCE™) Technology • Drive Initialization and Verification • Drive Performance Metrics • Can be shared in heterogeneous environments • SpeedWrite™ Performance-enhancing Technology • Field Upgradeable Firmware • O/S independent operation • Battery Backed Event Log • ECC Protected Memory • Phone Home Error Notification

Hardware Specifications	
Fibre Channel Host Interface	• 4 Gigabit, auto-negotiates to 2/1 Gigabit devices • Four Optical SFP (Small Form Factor Pluggable) Fibre Channel ports • Full support for direct connect for F-port fabric switches • Class 3 and Intermix ANSI Fibre Channel Specifications • PLDA, public loop login (NL-ports) and fabric connect (N-port) • Full-duplex transmissions
Management Interface	• RJ-45 connector for Ethernet management port • RS-232 serial header console port

Management	
Local and Network Management	• ExpressNAV™ VTL manager browser-based user interface for remote configuration, management and diagnostic capabilities • Local diagnostics and configuration supported via CLI, Telnet and FTP • Command line and menu-based ASCII text management access via the Ethernet management port

Environmental & Physical Specifications	
Dimensions	• 1.579" (1U) H x 16.494" W x 10.000" L
Operating Environment	• Temperature 5 - 40° C ● Humidity: 10 - 90% non-condensing
Storage Environment	• Temperature 0 - 40° C ● Humidity: 20 - 80% non-condensing
Power	• Input: 100-240VAC +/- 18%, 50/60 Hz
Airflow	• 11 CFM recommended ● Ambient air not to exceed 40° C
RoHS Compliant	• Yes

Ordering Information	
Model Number	• FSVT-5700-0R0
Accessories	• FC Cables: CBL-LCLC-R10 (10M LC-LC cables)

For More Information:
www.ATTOTech.com
or to Purchase:
www.ATTOStore.com
(716) 691-1999

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FastStream VT 5700

ATTO Technology, Inc.

Power Behind the Storage

Rev 2/08

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