



ATTO Technology, Inc.

FastStream™ SC 5300



Product Features

Instant Data Protection

- Instantly add parity protection to SCSI JBOD storage to ensure your data is protected without compromising performance.

Blazing Fast Performance

- The advanced architecture of the FastStream SC 5300 provides the performance needed to support dual streams of 10-bit uncompressed HD video with alpha titles and 12+ streams of SD video and database applications while managing latency.

Smooth Data Streaming

- Audio Latency Management provides parity RAID protection while managing latency to support multiple tracks of audio editing. The FastStream SC allows for the remote editing of up to 192 tracks of audio in intense production environments to multiple editing stations.
- Allocate storage as needed on an application by application basis with the on-the-fly capacity expansion.
- Improve connectivity options of existing storage while making unused storage available to the servers that need it most with Storage Pooling.

One-click Installation

- Takes the guesswork out of setup and installation while automatically optimizing for most application environments.
- Add additional storage and expand existing RAID Groups while keeping all data intact.

Add Instant RAID Protection and SAN Connectivity to Existing SCSI Storage

The ATTO FastStream Storage Appliance provides blazing-fast performance and instant data protection to any SCSI storage device using a simple “one-click” installation.

ATTO FastStream Storage Appliances are high performance, storage agnostic, stand alone appliances which 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 with existing direct attached storage to ensure your data is protected without compromising performance. The ATTO FastStream is specifically designed to provide un-tethered connectivity and on-the-fly capacity expansion for high performance environments and applications.

The ATTO FastStream Storage Appliance offers the latest in performance and connectivity and enables direct attached SCSI storage to become part of a Storage Area Network (SAN). Using our “one-click” set-up wizard dramatically simplifies installation and configuration. The FastStream Storage Appliance supports JBOD and DVRAID™ as well as RAID levels 0, 1, 4, 5, 10 and 50. Add instant RAID to existing storage devices to guarantee high storage availability, prevent data loss and eliminate failures from individual storage systems. Existing RAID volumes can be expanded, mirrors added or RAID levels changed dynamically while keeping all data intact. Add storage as needed, when needed. The Storage Provisioning feature enables optimal use of storage assets and the ability to modify the storage infrastructure with minimal or no disruption to application services. In addition, the ATTO RAID Storage Appliance is RoHS compliant and is available in an industry standard 1U rack-mount or desktop enclosure.

Technical Highlights

- RAID Levels 0,1,4,5,10, and Digital Video RAID
- Dual 4-Gigabit Fibre Channel Host Interfaces
- Dual Ultra320 SCSI Device Interfaces
- Maximum throughput of 480 MB per second
- ECC Protected Cache Memory - 256 MB
- Global Hot Spares
- Add storage and RAID groups on-the-fly.
- Advanced Management: In-band SCSI. Out of Band via RS-232 and Ethernet
- ExpressNAV™ Storage Manager GUI for simplified management
- Drive Verification and Performance Metrics
- Phone Home Error Notification
- O/S and Platform Independent

Technical Specification
FastStream SC 5300

Storage Appliance

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

ATTO **FastStream™ SC 5300**
 ATTO Technology, Inc. **Storage Controller**

Technical Features	
RAID Support	<ul style="list-style-type: none"> • JBOD, DVRAID™, 0, 1, 4, 5, 10, 40, 50 and N-way mirroring
Key Features	<ul style="list-style-type: none"> • Avid® certified for use with MediaDock™ Ultra320 Storage • RAID rebuild with tunable RAID rebuild Priority • Latency management for remote editing in audio production environments • Drive Performance Metrics • Global Hot Spares • Drive Initialization and Verification • Port Mapping for LUN Isolation • Field Upgradeable Firmware • O/S Independent Operation • Battery Backed Event Log • ECC Protected Memory • Phone Home Error Notification
Hardware Specifications	
Fibre Channel Interface	<ul style="list-style-type: none"> • 4 Gigabit, auto-negotiates to 2/1 Gigabit devices • Two 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
SCSI Interface	<ul style="list-style-type: none"> • Dual independent Ultra320 LVD/SE SCSI bus ports • Dual stacked VHDCI SCSI connectors • Backwards compatible with all single-ended SCSI devices
Management Interface	<ul style="list-style-type: none"> • RJ-45 connector for Ethernet management port • RS-232 serial header console port
Management	
Local and Network Management	<ul style="list-style-type: none"> • ExpressNAV™ storage manager browser-based user interface for remote configuration, management and diagnostic capabilities • Local diagnostics supported via CLI, Telnet and FTP • Command line and menu-based ASCII text management access via the Ethernet management port
Environmental & Physical Specifications	
Dimensions	<ul style="list-style-type: none"> • 1.579" (1U) H x 16.494" W x 10.000" L
Operating Environment	<ul style="list-style-type: none"> • Temperature: 5 - 40° C • Humidity: 10 - 90% non-condensing
Storage Environment	<ul style="list-style-type: none"> • Temperature: 0 - 40° C • Humidity: 20 - 80% non-condensing
Power	<ul style="list-style-type: none"> • Input: 100-240VAC +/- 18%, 50/60 Hz
Airflow	<ul style="list-style-type: none"> • 11 CFM recommended • Ambient air not to exceed 40° C
RoHS Compliant	<ul style="list-style-type: none"> • Yes
Ordering Information	
Model Number	<ul style="list-style-type: none"> • FSSC-5300-0R0
Accessories	<ul style="list-style-type: none"> • Cables: CBL-LCLC-R10 (10M LC-LC cables)