



ATTO Technology, Inc.

FastStream™ NDMP 4600

High-Performance Gigabit Ethernet-to-SCSI Appliance Featuring Support for NDMP



Product Features

Blazing Fast Performance

- Allow storage devices to operate at near-native speeds with throughput of over 1 TB/hr

Smooth Data Streaming

- Optimize performance of filers by offloading the tape server workload onto the FastStream NDMP 4600

One Click Installation

- Simplify configuration and management with ExpressNAV™, ATTO's easy-to-use web-based GUI
- Quickly and easily integrate additional appliances into NDMP environments with the ability to save and restore configurations

NAS Connectivity

- Extend useful life of existing SCSI storage by adding Gigabit Ethernet connectivity

The performance, security and reliability of the FastStream NDMP 4600 makes it the ideal solution for customers interested in using NDMP (Network Data Management Protocol) for backup of their NAS storage devices. The FastStream NDMP 4600 adds Ethernet connectivity to SCSI tape devices, and offloads the tape server workload from the NDMP filers, thus minimizing LAN traffic.

NDMP is an open protocol for managing data stored on network-attached storage devices such as tape and disk devices. It is used to control data backup and recovery communications between primary and secondary storage in a heterogeneous network environment. NDMP specifies a common architecture for the backup of network file servers and enables the creation of a common agent that a centralized program can use to back up data on file servers running on different platforms.

By separating the data path from the control path, demands on network resources are minimized. The FastStream NDMP 4600 moves the tape back-up process off the filers, enabling them to perform at maximum capacity. In addition, by attaching the FastStream 4600 directly to a tape library, users gain the advantage of improved management control and operating efficiency of shared backup. Designed to the industry standard 1U height, the FastStream 4600 can be integrated in rackmount systems and then attached to existing SCSI tape libraries, saving on the purchase of costly new storage. The ATTO FastStream NDMP 4600: The perfect solution for users looking to make the most of their NDMP installations.

Technical Highlights

- Four independent Gigabit Ethernet ports to two independent Ultra320 SCSI busses
- Near wire speed (99.5%) sustained throughput - 120 MB/sec. per Gig-E port
- Support for NDMP v4.0
- Gigabit Ethernet connectivity auto-negotiates to 10/100 Ethernet
- ExpressNAV™ browser-based GUI for remote administration and diagnostics
- Configuration, management, and monitoring via Ethernet and serial console port
- E-Mail notification of errors
- Virtual LAN (VLAN) support
- RoHS Compliant
- 2-year standard product warranty

Technical Specification
FastStream NDMP 4600

Appliance

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



FastStream™ NDMP 4600

ATTO Technology, Inc. Appliance

Gigabit Ethernet and SCSI	
Gigabit Ethernet Interface	<ul style="list-style-type: none"> • Four independent 100/1000 Gig-E RJ45 Ethernet ports • Supports IP v.4 • Compliance with IEEE802.3ab Gig-E • Supports NDMP v4.0
SCSI Interface	<ul style="list-style-type: none"> • Dual independent Ultra320 LVD/SE SCSI bus ports • Backwards compatible with all single-ended SCSI devices
Management	
Management Interface	<ul style="list-style-type: none"> • RJ-45 connector for Ethernet management port • RS-232 serial header console port
Operating Environment	<ul style="list-style-type: none"> • Operating system independent • Supports all SCSI devices including hard disk drives, tape drives, RAID controller, DVD, MO and CD libraries
Local and Network Management	<ul style="list-style-type: none"> • ExpressNAV™ web-based management console for remote configuration, management and diagnostic capabilities • Local diagnostics supported through CLI, SNMP, Telnet, FTP and SCSI Enclosure Services (SES) • Command line and menu-based ASCII text management access via Ethernet management port • Virtual LAN (VLAN) Support
Agency Approvals	
Safety and Environmental	<ul style="list-style-type: none"> • FCC Class A • CE EN55022 • CE EN55024 • CE 60950 • RoHS Compliant
Environmental & Physical Specifications	
Dimensions	<ul style="list-style-type: none"> • 1.7" (1U) H x 17" W x 8.94" L
Operating Environment	<ul style="list-style-type: none"> • Operating: 5-40° C • Humidity: 10-90% non-condensing
Storage Environment	<ul style="list-style-type: none"> • Temperature: -40°-70° C • Humidity: 5-95% non-condensing
Power	<ul style="list-style-type: none"> • 100-240 VAC @ 1.7-0.8A
Airflow	<ul style="list-style-type: none"> • 11 CFM recommended • Ambient air not to exceed 40° C
Ordering Information	
Model Number	<ul style="list-style-type: none"> • FSIP-4600-DR0

