

Enabling Network-Connected HPE StoreEver Tape Storage

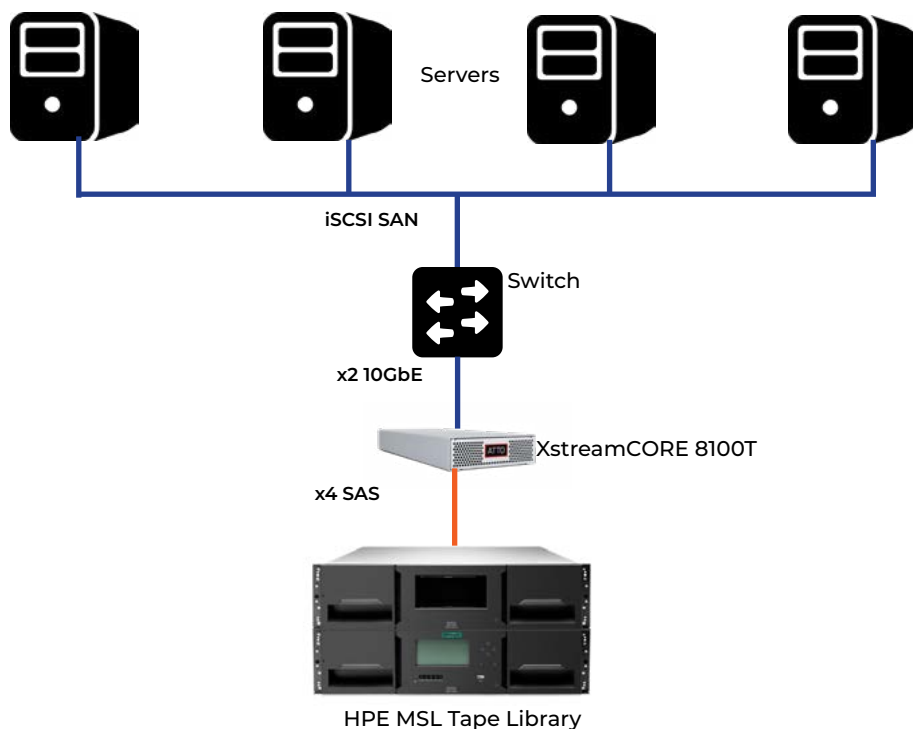
HPE and ATTO bring unprecedented levels of Flexibility and Efficiency with Data Protection and Management in Modern IT Environments

Data is the lifeblood of modern businesses and enterprise IT. The constant influx of data overwhelms critical infrastructure struggling to keep pace with the growing demand for unparalleled performance, scalability, and reliability. Tape storage remains an indispensable component of modern IT infrastructure with its unique characteristics, making it an ideal solution for specific data management challenges.

HPE StoreEver tape drives and libraries are renowned for their exceptional capacity, durability, and cost-effectiveness. Traditional methods to integrate tape backups into an existing IT ecosystem are proving cumbersome – making data protection and management ineffective and expensive.

To address these challenges, ATTO and HPE have jointly certified a solution to extend shared connectivity to tape libraries across Ethernet with ATTO XstreamCORE® 8100T Intelligent Bridge. Enjoy the flexibility of Ethernet with a lower cost of deployment, while allowing IT architects and administrators to design an agile, highly scalable SAS tape backup and archiving storage architecture.

Architecture With ATTO XstreamCORE 8100T



Solution Benefits

- **Improved Flexibility**
Multiple servers can take advantage of shared connectivity to a tape library for better backups and restores
- **Reduced Risk and Downtime**
Eliminate single points of failure with redundant connections while increasing availability
- **Lower TCO**
Using existing network infrastructure for tape connectivity decreases the need for complex architectures
- **Scalable for Future Readiness**
Simply add additional 8100T bridges as tape storage needs grow with business requirements
- **Simplified Management**
Implement, control, and troubleshoot with minimal operational and IT overhead



Optimize Tape Hardware and Accelerate Data Transfers

Transform your HPE tape library into a dynamic, shareable, and highly available asset on your existing Ethernet network. ATTO XstreamCORE 8100T enables flexible data protection, meeting both short-term backup and disaster recovery requirements, as well as long-term archiving needs, with best-in-class flexibility.

With XstreamCORE 8100T, tape libraries become securely accessible from anywhere on the Ethernet network, eliminating the need for dedicated servers to manage your SAS tape infrastructure. This allows for enhanced collaboration and data sharing, accelerating backup and restore operations when you need them most.

Additionally, IT administrators can monitor and manage tape storage assets from remote locations, reducing administrative overhead and management burden. By deploying ATTO XstreamCORE 8100T, you can unlock the full potential of your HPE tape library, achieving higher levels of availability, scalability, and efficiency.

XstreamCORE 8100T Technical Specifications

Input Connectors	(2) 10GbE SFP+/RJ45
Output Connectors	(1) x4 12Gb mini-SAS HD (4 connections)
Network Protocols	iSCSI Ethernet
Devices Supported	Up to (4) SAS Tape Drives; LTO 5 (or) later
Hosts Supported	Up to 4; up to 2 iSCSI logins
Form Factor	Standalone Desktop; Rackmountable with ATTO FlexRack™
Management Port	1 GbE RJ45
Management	CLI over SSH, File Transfer over SFTP, Web GUI
Internet Protocols	IPv4/IPv6
Warranty	3-year standard warranty; Optional 5-year Extended Warranty

“HPE StoreEver MSL tape libraries combined with the new XstreamCORE 8100T bridge provides greater flexibility to our customers by enabling Ethernet-based tape storage solutions. This collaboration with ATTO helps to address the fast-evolving needs of modern organizations.”

- **George Tombropoulos**
Director HPE StoreEver LTO Tape Solutions

ATTO XstreamCORE 8100T is more than just a bridge; it is a catalyst for transformation. By unlocking the full potential of your tape library, you can effectively manage and optimize your data lifecycle management while extending streamlined access to your tape backup and archiving infrastructure reducing costs and increasing productivity.

HPE StoreEver: Leading the Way in Secure, Scalable Data Protection and Archiving

Hewlett Packard Enterprise (HPE) StoreEver Tape Storage provides dependable and scalable tape storage with enhanced security. As the worldwide leader in the entry-level tape segment, including stand-alone tape drives and autoloaders, HPE StoreEver Tape Storage is critical to comprehensive data protection and archiving.

With one of the broadest and most advanced tape portfolios in the industry, HPE StoreEver supports Linear Tape-Open 9 (LTO-9), including tape media, stand-alone tape drives, and tape libraries that accommodate more than 28.8 PB (2.5:1 compression) in a single system. HPE StoreEver Tape supports LTFS (Linear Tape File System), making tape easy to use, share, and transport.

Supported SAS Tape Drives

- LTO-9 Ultrium 45000 HH SAS
- LTO-8 Ultrium 30750 HH SAS
- LTO-7 Ultrium 15000 HH SAS
- LTO-6 Ultrium 6250 HH SAS

Certified HPE StoreEver MSL Tape Libraries

- StoreEver MSL 1/8 G2 Autoloader
- StoreEver MSL2024
- StoreEver MSL3040
- StoreEver MSL6480



For interoperability information

Visit HPE [Single Point of Connectivity Knowledge \(SPOCK\)](#). Under Other Hardware, select StoreEver to view the up-to-date HPE StoreEver Compatibility Matrix.



**Hewlett Packard
Enterprise**



ATTO XstreamCORE® 8100T

10Gb iSCSI Ethernet to 12Gb SAS Tape Bridge

Simplify, automate, and expedite backup and restores with HPE MSL Tape Storage over your existing Ethernet network.

Benefits

- Extend shared network connectivity to your HPE SAS Tape drives and libraries
- Accelerate high-bandwidth data transfers with cutting-edge ATTO technology
- Scale your backup ecosystem effortlessly as your data and business needs grow
- Ensure data integrity and security with advanced features designed to safeguard critical information
- Streamline data access and management while effectively managing data retention and compliance requirements
- Experience simplified and user-friendly setup, reducing administrative overhead

ATTO XstreamCORE SKU

- XCET-8100-TS0 (SFP+)
- XCET-8100-TN0 (RJ45)

For More Information

ATTO Sales: +1.716.691.1999

[ATTO XstreamCORE intelligent Bridges](#)

[ATTO How to Buy](#)

HPE Sales: +1.888.342.2156

[HPE StoreEver Tape Storage](#)

About ATTO Technology, Inc.

For over 35 years, ATTO Technology has been a global leader across Enterprise IT, Datacenter, and Media & Entertainment markets, specializing in network and storage connectivity and infrastructure solutions for the most data-intensive, mission critical, and high-performance computing environments.

All trademarks, trade names, service marks, and logos referenced herein belong to their respective companies.