

# ATTO and Quantum Scalar Intelligent Tape Libraries

A High Performance Solution for Archiving and Data Protection

## Key Features

- **Active/Active Dual Robots** - Adds a second robot to the library for high availability and faster performance. Operations continue in the event of a robot failure. Robot service is non-disruptive to the application
- **Capacity-on-Demand Growth** - Simplifies storage growth by scaling quickly, easily and without disruption
- **iLayer Intelligent Software** - Intelligent software automates administrative tasks, reducing administrative time up to 75% compared to other tape library products
- **Scalar LTFs** - Appliance that presents tapes as NAS storage, enabling new ways to manage and access archive files
- **ADS™** - Reduces project interruptions by maximizing the number of transactions that can be processed
- **Heterogenous OS Support** - Compatible with Windows®, Mac® and Linux® hosts

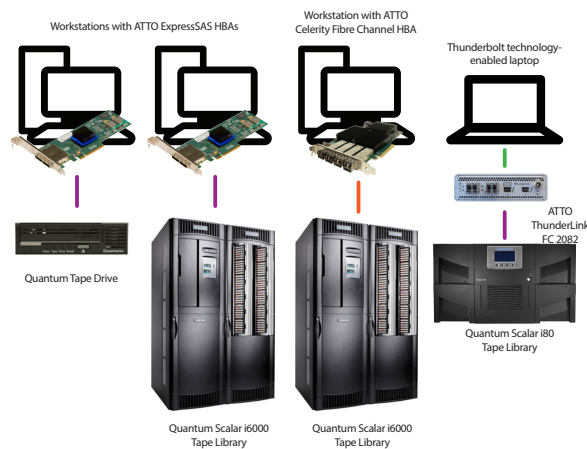
## The Challenge

Disk storage capacity requirements for both enterprises and small to medium businesses (SMB) are growing at an extraordinary rate. All of that data needs to be backed up, and much of it needs to be retained for an extended period to meet compliance requirements.

The challenge that exists for businesses faced with explosive data growth is to deal with it in an efficient and strategic manner. For enterprises, the key concerns are scale, performance, high availability, and security. SMBs, on the other hand, require an entry-level backup and archiving solution that's low cost, easy to manage, and scalable to meet escalating business demands.

## The Solution

Quantum's Scalar line of tape libraries support the long-term storage requirements of both large enterprises and SMBs. At the enterprise level, they provide features such as Active/Active Dual Robots for high availability and faster performance. The entire Scalar family also features Capacity-on-Demand scalability to enable non-disruptive growth, and iLayer Intelligent Software, which automates administrative tasks and provides proactive diagnostics to avoid downtime. Plus, there's tape encryption to ensure that your data is protected even when it's stored offsite.



ATTO host bus adapters and Desklink devices enable connection to disk and tape devices from servers and workstations. They are engineered for real-time applications and excel in streaming application performance such as tape backup. ATTO's ADS technology ensures low-latency, high-bandwidth connectivity for consistent data transfers with no dropouts. The entire family is also designed to consume up to 70% less power than competitive offerings while over time, this will increase in your bottom line.

ATTO ThunderLink Desklink devices enable SAS storage connectivity from Thunderbolt-enabled hosts devices. SAS tape drives can be connected to Thunderbolt hosts to provide access for backup software and LTFs tape applications.

ExpressSAS SAS/SATA host bus adapters deliver the fastest available connection to SAS tape or SAS/ SATA disk storage. With a full range of port configurations and driver support, easy-to-use features, extensive industry qualifications and support for up to 512 end devices, ATTO SAS/SATA HBAs are designed to meet your performance and connectivity needs.

Celerity Fibre Channel host bus adapters meet tomorrow's connectivity needs today, extending the capabilities of software and hardware and increasing overall system performance and drive intelligence all the way to the edge of the SAN. Celerity provides connectivity to Fibre channel storage, SANs and tape libraries.



**For More Information**

- **ATTO Products**  
<http://www.attotech.com/products/>
- **Quantum**  
<http://www.quantum.com>
- **List of ATTO Resellers**  
<http://www.attotech.com/howtobuy/>
- **ATTO Sales**  
+1.716.691.1999
- **Quantum Sales**  
+1-866-809-5230

**About ATTO Technology**

ATTO Technology is a global leader of storage connectivity and infrastructure solutions for data-intensive computing environments. ATTO provides solutions that help customers store, manage and deliver data more efficiently. Visit [www.attotech.com/solutions](http://www.attotech.com/solutions) for more information.

**About Quantum**

Quantum Corp. is a proven global expert in data protection and big data management that provides a unique combination of intelligent storage solutions and unmatched value for traditional, virtual and cloud environments. Visit [www.quantum.com](http://www.quantum.com) for more information.

# ATTO and Quantum Scalar Intelligent Tape Libraries

A High Performance Solution for Archiving and Data Protection

**Solution Benefits**

- **Capacity-on-Demand:** Scale storage quickly, easily and without disruption
- **No Data Dropouts:** ATTO's ADS technology ensures low-latency, high-bandwidth connectivity for consistent data transfers
- **Dual Connectivity:** Connect both disk and tape devices using only a single PCIe slot
- **Low Power:** ATTO HBAs consume up to 48% less power than competitive offerings
- **Avoid Downtime:** Quantum iLayer Intelligent Software automates administrative tasks and provides proactive diagnostics
- **Security First:** Tape encryption ensures that your data is protected

**ATTO's Tested Compatibility with Quantum®**

Quantum Scalar Tape Libraries	ATTO ExpressSAS 6Gb SAS/SATA	ATTO Thunderlink FC 2082/2162
i6000	Mac, Windows, Linux	Mac, Windows
i500	Mac, Windows, Linux	Mac, Windows
i80	Mac, Windows, Linux	Mac, Windows
i40	Mac, Windows, Linux	Mac, Windows

