

SOLUTION BRIEF



About ATTO

For over 35 years, ATTO Technology, has been a global leader across the IT and media & entertainment markets, specializing in network and storage connectivity and infrastructure solutions for the most data-intensive computing environments. ATTO works with partners to deliver end-to-end solutions to better store, manage and deliver data.



About Quantum Corporation

As a leading innovator in data technology for over 40 years, Quantum is uniquely equipped to deliver an end-to-end platform that orchestrates, protects, stores, and enriches data – even the most complex unstructured data, like video. By managing and enriching video and data continuously throughout its lifecycle, Quantum provides customers with enhanced intelligence, actionable insights, thereby allowing businesses to do more with their data than ever before. Visit www.quantum.com for more information.

ATTO and Quantum High-Performance Solutions Powering Modern Data Protection and Long-Term Archiving

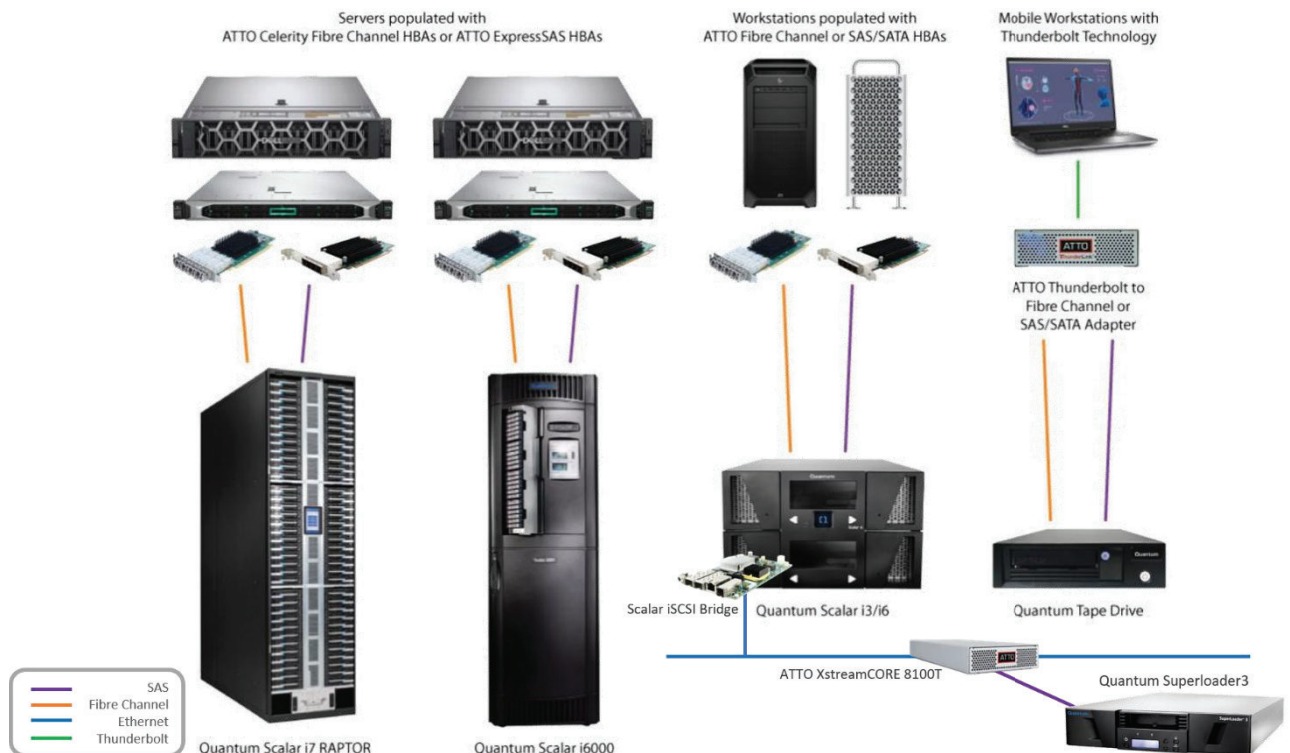
The Challenge

Data storage capacity requirements for both enterprise data centers and small-to-medium businesses (SMB) are growing at an extraordinary rate, and all of that data must be protected and, in many cases, retained for years to meet regulatory and business compliance requirements.

The challenge for IT is not just storing more data, but doing so in a way that is operationally efficient and strategically sustainable. Enterprises need backup and archive infrastructure that can scale non-disruptively while ensuring consistent performance, high-availability, and strong security posture. This is exactly where ATTO's storage and network connectivity solutions when combined with Quantum Tape Storage delivers the right mix of economics, scalability, flexibility, and protection in modern data-driven environments.

The Solution

Quantum Scalar Tape Libraries address data storage needs driven by massive data growth for large enterprises, data centers, and SMBs with industry leading low-cost, secure storage. Ideal for long-term storage in compliance, digital media, and archiving workflows, Scalar libraries have emerged as an integral component in cloud and hyperscale infrastructures. With advanced tape automation, intelligent management software, and patented security framework, customers gain the highest storage density, lowest TCO, and strongest cyber defenses.



Streamline Data Lifecycle Management with ATTO Connectivity

ATTO host bus adapters (HBAs) and **ATTO Thunderlink®** Thunderbolt™ adapters 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 Advanced Data Streaming (ADS)™** Technology ensures low-latency, high-bandwidth connectivity for consistent data transfers. The entire family is also designed to consume up to 70% less power than competitive offerings.

ATTO XstreamCORE® intelligent bridges transform direct-attached SAS tape drives and libraries into shareable assets across multiple servers over a standard Ethernet network offering a highly flexible and scalable alternative that is easier to deploy in modern IT environments – without the cost and complexity introduced by traditional tape storage connectivity methods.

ATTO ExpressSAS® SAS/SATA HBAs deliver the fastest available connection to SAS tape. With a full range of port configurations and driver support, easy-to-use features, extensive industry qualifications and support for up to 2048 end devices, ExpressSAS SAS/SATA HBAs are designed to meet your performance and connectivity needs.

ATTO Celerity™ Fibre Channel HBAs meet tomorrow's connectivity needs today. It extends the capabilities of software and hardware, increases overall system performance and drives intelligence all the way to the edge of the storage area networks (SAN). Celerity HBAs provides connectivity to Fibre channel tape libraries.

Better Together

- ✓ **No Data Dropouts:** ATTO proprietary technology ensures low-latency, high bandwidth connectivity while ensuring consistent data transfers
- ✓ **Dense Connectivity:** Build tiered storage volumes while ensuring sustained throughput and streaming performance at scale
- ✓ **Power Efficiency:** ATTO HBAs are precision engineered with competitively sourced components to ensure the lowest power footprint
- ✓ **Avoid Downtime:** Intelligent management software, *iLayer* automates administrative tasks and provides proactive diagnostics
- ✓ **Security First:** Quantum's *Scalar Security Framework* ensures that your data is protected against malicious threats and unexpected downtime

ATTO Product Compatibility Matrix for Quantum Solutions

| Quantum Scalar Tape Storage | ATTO XstreamCORE 8100T/Scalar iSCSI Bridge ¹ | ATTO ExpressSAS 12Gb SAS HBAs | ATTO ThunderLink FC & SAS Desktop/Rack | ATTO Celerity 16Gb & 32Gb FC HBAs |
|-----------------------------|---|-------------------------------|--|-----------------------------------|
| i7 RAPTOR | Mac, Windows, Linux | Windows, Linux | Mac, Windows | Mac, Windows, Linux |
| i6000 | Mac, Windows, Linux | Windows, Linux | Mac, Windows | Mac, Windows, Linux |
| i6 | Mac, Windows, Linux | Windows, Linux | Mac, Windows | Mac, Windows, Linux |
| i3 | Mac, Windows, Linux | Windows, Linux | Mac, Windows | Mac, Windows, Linux |
| SuperLoader3 | Mac, Windows, Linux | Windows, Linux | Mac, Windows | Mac, Windows, Linux |
| HH Tape Drives | Mac, Windows, Linux | Windows, Linux | Mac, Windows | Mac, Windows, Linux |

¹Scalar iSCSI Bridge is available as an integrated solution with Scalar i3/i6 tape libraries.

²Support for ATTO360 Software Suite is limited to ATTO NICs, HBAs, and Bridges.

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Key Features

Active/Active Dual Robotics

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

Ensures the entire system stays running smoothly providing guided steps to resolve issues, often before failure occurs.

Scalar iSCSI Bridge powered by ATTO

Allows use of SAS tape drives in Ethernet environments, as a low-cost alternative to FC hardware.

Advanced Data Streaming

Reduces project interruptions by maximizing the number of transactions that can be processed.

Heterogenous OS Support

Compatible with Windows®, macOS®, Linux® hosts.

Manage, Optimize, Monitor

Ask about our state-of-the-art storage and network management software suite, **ATTO360™** - the only utility² your IT team needs for network and storage optimization. Make informed decisions with actionable insights powered by ATTO *ExpertAI™*.

Maximize performance, simplify configuration, and ensure rock-solid reliability.



For More Information

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