

About ATTO

For over 30 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.

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About NetApp

NetApp creates innovative storage and data management solutions that accelerate business breakthroughs and deliver outstanding cost efficiency. Discover NetApp's passion for helping companies around the world go further, faster at www.netapp.com.

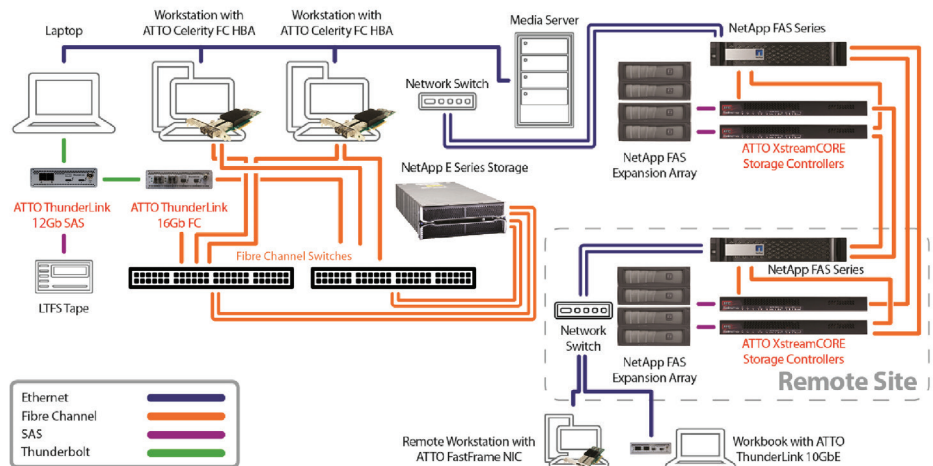
ATTO and NetApp® End-to-End Architecture for Workgroup-Through-Enterprise Infrastructure

Workgroup applications including media production, CAD/CAE, digital prototyping, energy, financial, scientific and research all benefit from fast, low-latency access to high-performance storage. But the workflow for these applications can extend across multiple sites, each requiring access to the same data. There is also a need to integrate workgroups with an organization's standard IT infrastructure, both to prevent storage silos and enable offsite replication for load balancing and downtime avoidance.

Solution Overview

A joint architecture comprised of ATTO Technology, Inc. network and storage connectivity products with NetApp FAS and E-Series arrays provides a powerful solution to extend the performance capabilities of workgroups. Benefits of the solution include:

- Workgroup integration with on-site and remote data centers for failover and load balancing
- Replication with rapid provisioning
- Increase of storage utilization through stretch clustering
- Downtime avoidance and disaster recovery
- Heterogeneous OS support for workgroup clients



Why choose ATTO?

- **Workstation and Server Support** - ATTO is the only host bus adapter (HBA) manufacturer to allow direct connectivity to both servers and workstations, enabling a heterogeneous solution. ATTO Celerity™ Fibre Channel HBAs with MultiPath Director™ technology improve the performance and reliability of NetApp enterprise storage systems running high-performance workstation applications on macOS®, Windows® and Linux® workstations and servers. Mac, Windows and Linux clients running different applications can collaborate on shared storage. As a pioneer in iSCSI, ATTO FastFrame™ Ethernet family has been designed for the more rigorous data transfer and reliability standards required for storage interconnect.
- **Technical Collaboration** - ATTO and NetApp engineering teams work closely together to ensure effective testing, optimization and performance tuning.
- **Support** - ATTO and NetApp both offer installation assistance and technical support through every step of the solution implementation.
- **A Complete Portfolio** - ATTO provides all the necessary storage and network connectivity, from workgroup to enterprise, for your infrastructure, with products designed and optimized to work together.

ATTO and NetApp Interoperability

ATTO Celerity™ Fibre Channel HBAs, FastFrame™ NICs and ThunderLink® Thunderbolt™ adapters have been tested by NetApp with the FAS and E-Series Enterprise storage systems. They provide high-performance connectivity and allow workstations and servers to take advantage of the high-availability features of NetApp storage. ATTO intelligent Bridges are integrated with NetApp MetroCluster business continuity products.

For further details please visit atto.com/support/interoperability or the NetApp Interoperability Matrix.

Fibre Channel Adapters 32Gb 16Gb 8Gb Single, Dual, Quad	Ethernet 10GbE Single, Dual, Quad	Thunderbolt™ Fibre Channel Ethernet SAS/SATA	Bridges 7600N	intelligent Bridge 8200
FASeries				
FAS 2000 FAS 2500 FAS 3000 FAS 6000 FAS 8000	HBAs Windows®, Linux®, macOS®	HBAs Windows, Linux, macOS	HBAs Windows, Linux, macOS	Minimum Data ONTAP 8.1
	ThunderLink Windows, macOS	ThunderLink Windows, macOS	ThunderLink Windows, macOS	
ESeries				
E2600 E2700 E5400 E5434 E5460 EF540 E5500 EF550	HBAs Windows, Linux, macOS	HBAs Windows, Linux, macOS	HBAs Windows, Linux, macOS	N/A
	ThunderLink Windows, macOS	ThunderLink Windows, macOS	ThunderLink Windows, macOS	
E5600 EF560	HBAs Windows, Linux, macOS	HBAs Windows, Linux, macOS	HBAs Windows, Linux, macOS	N/A

