

Joint Solution Overview for Demanding Digital Media 8Gb Fibre Channel Workflows



Solution Highlights

- Connects macOS®, Linux®, and Windows® workstations and servers to feature rich high performance storage.
- Provides low latency and high performance for media intensive video streaming environments.
- Allows a high-availability connection with automatic failover and load balancing from clients to storage assuring consistent access to your data.



The Power Behind the Storage

02/14/18

The Huawei and ATTO joint solution provides a fast, reliable, flexible, and highly available connectivity solution for applications using streaming video and rich media content. ATTO, in collaboration with Huawei, is the only HBA manufacturer providing high-availability macOS, Windows, and Linux workstation connectivity to Huawei OceanStor T-Series storage systems, creating a high-performance, completely redundant Fibre Channel storage solution.

Huawei & ATTO Solution Benefits

Huawei is a global solutions provider dedicated to customer-centric innovation and strong partnerships to provide maximum value and competitive solutions and services. By partnering with ATTO, Huawei is able to offer a completely redundant shared storage solution designed to enhance demanding digital workflows with high-availability storage, high-performance connectivity, increased productivity and simplified storage management.

OceanStor Storage System

Enterprises are faced with problems of system performance bottle-neck, long downtime when expanding capacity, unbalanced cold and hot data management, and high TCO. The Huawei OceanStor Storage Area Network (SAN) series is a family of products that aim to meet these storage requirements. It includes entry level, middle range high performance and enterprise level storage. This storage is capable of delivering leading performance, enhanced efficiency, maximized return on investment, and all-in-one solutions. Ideally OceanStor Storage is applicable to scenarios such as large-database, high performance computing, digital media, internet applications, central storage, backup, disaster recovery, and data migration.

Celerity Fibre Channel Host Bus Adaptors (HBAs) with MultiPath Director™

ATTO is the only HBA manufacturer enabling users to connect workstations and servers to Huawei Enterprise class storage. Celerity Fibre Channel 8Gbps HBAs leverage ATTO's extensive experience with Fibre Channel technology to provide high-performance, low-latency data transfers and high-availability access to Huawei storage for heterogeneous and/or homogeneous host environments via ATTO exclusive MultiPath Director™ technology. This enables automatic load balancing across multiple paths for improved performance and path fail-over in case of a connectivity, HBA or storage controller, failure.

High-Availability Storage allows Mac®, Windows, and Linux host connectivity to Huawei storage to take advantage of the enterprise-class features of the OceanStor T-Series storage. Directly attaching workstations to a Fibre Channel SAN offers users high availability and ease of system management.

High-Performance Connectivity increases overall system performance through load balancing up to 4 Fibre Channel paths per host adapter. In addition, ATTO exclusive ADS™ Technology incorporated into Celerity Fibre Channel HBAs minimizes latency to ensure highest consistent streaming performance.

Increased Productivity reduces downtime by utilizing automatic fallback and failover on multiple, redundant connections to storage. Real-time and simultaneous access to data enables workgroups or single users to efficiently complete projects and meet deadlines.

Simplified Storage Management provides standardized storage vendors and streamline media and IT asset management with this end-to-end, enterprise-class storage solution. ATTO's Configuration Tool enables easy configuration, management, and troubleshooting of multiple paths to storage.

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Hardware

Huawei Products Supported:

- OceanStor S2600T
- OceanStor S6800T
- OceanStor S5500T
- OceanStor Dorado 2100
- OceanStor S5600T
- OceanStor Dorado 5100
- OceanStor S5800T

ATTO Products Supported:

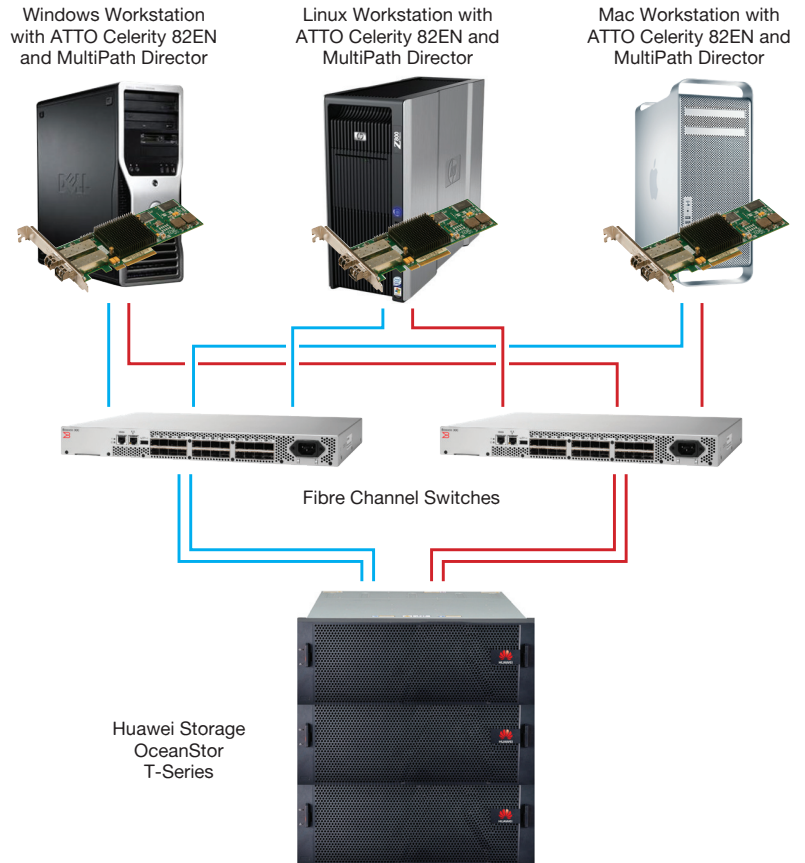
- Celerity 8Gb quad port (FC-84EN) PCIe 2.0 x8 Fibre Channel Host Bus Adapters with MultiPath Director™
- Celerity 8Gb dual-port (FC-82EN) PCIe 2.0 x8 Fibre Channel Host Bus Adapters with MultiPath Director™
- Celerity 8Gb single-port (FC-81EN) PCIe 2.0 x8 Fibre Channel Host Bus Adapters with MultiPath Director™
- Host Platforms: Mac®, Windows, and Linux workstations and servers
- Software: ATTO Config Tool, Apple Xsan or Quantum StorNext shared file systems

Industry Focus

- Media and Entertainment
- Healthcare
- Oil and Gas
- Education and Government
- Scientific and Technical
- Digital Asset Creation

For More Information

www.atto.com/solutions/Huawei
www.huawei.com



About Huawei

Huawei is committed to providing high-value and customer-oriented services and solutions which can decrease operation and maintenance costs and increase return on investment. Huawei seeks to provide customers with a series of safe data storage solutions, utilizing Huawei's advantages in such fields as data network, enterprise communication, server, storage and security.

About ATTO

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.



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