



The Power Behind the Storage

PRESS RELEASE

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FOR IMMEDIATE RELEASE

ATTO Technology Unveils Celerity™ 64Gb Quad Port Fibre Channel HBA: Unmatched Bandwidth for High-Performance Workflows

New Quad-Port HBA Delivers Blazing-Fast Connectivity for Media, AI, HPC, and Data Centers

Amherst, NY (April 7, 2025) – [ATTO Technology, Inc.](https://www.atto.com), a global leader in network and storage connectivity solutions, today announced the launch of the [ATTO Celerity FC-644E Quad Port 64Gb Fibre Channel Host Bus Adapter](#) (HBA). Built on seventh-generation Fibre Channel technology and leveraging x16 PCIe 4.0, this powerhouse HBA delivers up to 256 Gb/s of aggregate bandwidth across four ports—setting a new benchmark for performance, reliability, and scalability in the most data-intensive environments.

“Connectivity is the foundation of today’s high-stakes workflows,” said Tim Klein, president and CEO of ATTO Technology. “The Celerity FC-644E empowers media production, AI innovation, and enterprise data operations with the speed and stability to handle massive datasets and real-time collaboration without compromise.”

ATTO Celerity FC-644E Quad Port 64Gb Fibre Channel HBA

The Celerity FC-644E is engineered for workflows where every microsecond counts and bandwidth demands are unrelenting. With four 64 Gb/s Fibre Channel ports in a low-profile x16 PCIe 4.0 form factor, this HBA delivers exceptional performance for professional and enterprise applications. Key benefits include:

- **Media & Entertainment:** Achieves 256 Gb/s aggregate throughput, enabling seamless delivery of multiple 4K/8K video streams and real-time collaboration across SAN environments for post-production and broadcast studios.
- **AI & High-Performance Computing (HPC):** Supports ultra-low latency and 25.6 GB/s sustained throughput per port, accelerating AI training and HPC simulations with massive, high-speed data pipelines.
- **Data Centers:** Provides Advanced Data Streaming (ADS™) technology and robust SAN connectivity, ensuring congestion-free performance for hyperconverged systems and large-scale virtualized workloads.

The FC-644E leverages seventh-generation Fibre Channel technology with advanced features like Target Mode and virtualization support for maximum efficiency and flexibility. Backward

compatibility with 32Gb and 16Gb Fibre Channel ensures seamless integration into existing infrastructures, while ATTO's MultiPath Director™ technology enhances reliability with redundant paths for mission-critical applications. Driver support spans Windows®, Linux®, and macOS®, offering unmatched platform versatility.

"From Hollywood studios to AI research labs, the Celerity FC-644E is built to tackle the toughest connectivity challenges," Klein added. "It's not just about speed—it's about delivering smart, dependable performance where it matters most."

The ATTO Celerity FC-644E is being showcased at NAB Show 2025, April 5-9, at booth SL5616 in the Las Vegas Convention Center. Attendees can experience firsthand how ATTO's Fibre Channel solutions drive efficiency and innovation in media and enterprise workflows.

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ABOUT ATTO

For over 35 years ATTO Technology, Inc. has been a global leader specializing in network and storage connectivity and infrastructure solutions for the most data-intensive computing environments. ATTO works closely with its partners to create the world's best end-to-end data delivery, management and storage solutions.

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