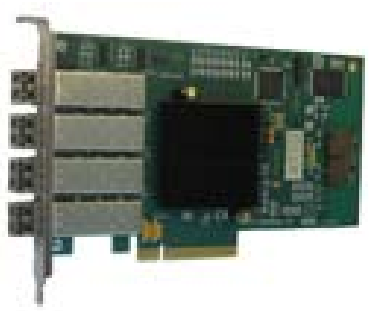
ATTO Technology, Inc.

Celerity FC-84EN



Quad-channel 8-Gigabit Fibre Channel Host Adapter Featuring ADS™ Technology

Product Features

Blazing Fast Performance

- Maximize data throughput with quad channel connectivity aggregating performance across multiple Fibre Channel ports
- Achieve the highest I/O and data throughput for advanced video (uncompressed HD Video, 2K and 4k film) and transactional database applications

Smooth Data Streaming

- Maintain accessibility to mission-critical data by transparently redirecting data requests through alternate channels
- Alleviate data transfer bottlenecks and move data more efficiently while managing latency with ATTO's exclusive ADS™ technology
- Maximize data flow using the fastest bus interconnect and bus management technology

One Click Installation

- Save time with factory preset configurations for plug and play operation
- Simplify installation, management and monitoring with a multi-platform Configuration Utility featuring an intuitive GUI

The fastest storage technology just got better! The Celerity FC-84EN leverages two next-generation storage technologies - PCI Express 2.0 interconnect and 8-Gigabit Fibre Channel.

With 8-Gb FC speeds of up to 1600 MB/sec. per channel, the FC-84EN supports the most demanding application requirements, including high-definition video, rich content databases and other high-bandwidth environments.

The FC-84EN takes advantage of the latest in host interconnect technology – PCIe 2.0 – a serial, high-speed connection that supports aggregate throughput up to 8 GB/sec.

ATTO Celerity host adapters are an integrated family of advanced storage connectivity solutions that are designed to provide reliable connectivity, intelligence and scalability. Meeting tomorrow's connectivity needs today, Celerity FC host adapters extend the capabilities of software and hardware, increase overall system performance and drive intelligence all the way to the edge of the SAN. Celerity, a platform for advanced storage connectivity.

Technical Highlights

- **Quad-channel 8-Gigabit Fibre Channel Host Adapter**
- **1600 MB/sec. throughput per channel in full-duplex mode**
- **Features a 8 GB/second, high-performance x8 PCI Express 2.0 host connection**
- **Exclusive Advanced Data Streaming (ADS™) Technology**
- **Proven industry interoperability with support for the SNIA HBA API**
- **Driver support for Windows®, Linux, Mac® OS X and more**
- **Backward compatible with 4-Gb and 2-Gb legacy Fibre Channel products**
- **RoHS Compliant**
- **3-year standard product warranty**

Technical Specification
Celerity FC-84EN

Host Adapter

For More Information:
www.ATTOTech.com
or to Purchase:
www.ATTOStore.com
(716) 691-1999

Celerity FC-84EN
Host Adapter

Hardware Specifications	
Fibre Channel Interface	• Four independent FC ports • 8-Gigabit FC data-transfer rates • 1600 MB/sec. maximum full-duplex throughput per channel • Supports all FC topologies: direct fabric, arbitrated loop and point-to-point • ANSI Fibre Channel: FC-FS, FCP, FC-AL, FC-AL2, FC-PLDA, FC-FLA • Flash ROM for easy field upgrades • FC Class 3 Support • Local management and diagnostics • Buffer Credits: 41 • Advanced Data Streaming (ADS™) Technology
Advanced FC Capabilities	• Supports SNIA HBA API • Supports Windows FDMI and WMI • Supports Target and Initiator modes • Backward compatible with 4-Gb and 2-Gb Fibre Channel
Host Bus Specifications	• x8 mechanical and x8 electrical PCI Express 2.0 interconnect • Supports PCI Express Base Spec 2.0 • Supports PCI Express CEM Spec 2.0 • PCI Hot Plug spec 1.0
External Connectivity	• Easy-to-install full height connection bracket • External LEDs for on-line and speed status for each channel • Four (4) pluggable 8Gb optical LC SFP+ modules included
Software Specifications	
Driver Support	• Windows Server 2003, 2008, Vista, XP, • Red Hat Linux (2.6 kernel) • SUSE Linux (2.6 kernel) • Fedora Linux (7 & 8) • Mac OS X (10.4.x & 10.5.x)
Agency Approvals	
Safety and Environmental	• FCC Part 15, Subpart B, Class A • EN55022: 2006, Class B • EN55024: 1998A + A1: 2001 & A2: 2003 • EN60950-1: 2001 • EN60825-1: 1994-2: 2004
Environmental & Physical Specifications	
Dimensions	• Length 6.525” • Height 3.987”
Operating Environment	• Temperature: 0-40° C • Humidity: 10- 90% non-condensing
Storage Environment	• Temperature: -40° to 70°C (-40°-157°F) • Humidity: 5 to 95% non-condensing
Power	• 7.8W (Typical)
Airflow	• 100 lf/m (min) recommended
Optical Cabling	• 50/125µm up to 50m @ 8-Gb • 50/125µm up to 150m @ 4-Gb • 50/125µm up to 300m @ 2-Gb
RoHS Compliant	Yes
Ordering Information	
Model Number	• CTFC-84EN-000

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Power Behind the Storage

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