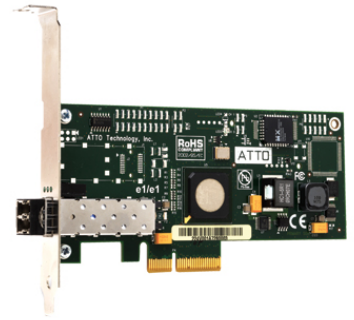




ATTO Technology, Inc.

# Celerity FC-41EL

## Single-channel, PCI Express to 4-Gigabit Fibre Channel Host Adapter



### Product Features

#### **Blazing Fast Performance**

- Industry proven performance for HD video applications; capable of running a single uncompressed stream or multiple compressed streams of HD video
- Delivering the latest in 4-Gb Fibre Channel performance

#### **Smooth Data Streaming**

- Alleviate data transfer bottlenecks and move data more efficiently while managing latency
- 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 Celerity FC-41EL provides connectivity for next generation storage technology. Leveraging two next generation storage technologies - PCI Express interconnect and 4-Gigabit Fibre Channel, the FC-41EL provides a cost-effective choice for high throughput client and server environments.

The FC-41EL is capable of supporting digital content creation, tape streaming and backup, rich content delivery and complex database applications.

The FC-41EL takes advantage of the latest in host interconnect technology – PCI Express – a serial, high-speed connection that supports aggregate throughput up to 1 GB/second (x4 PCIe). The FC-41EL leverages device drivers developed for Celerity FC family of products to simplifying user installation and support.

To ensure easy integration, the FC-41EL leverages the existing Celerity FC software and hardware architectures. The result is industry-leading quality and a stable, field upgradeable software architecture. It is fully backward compatible with installed Fibre Channel infrastructure allowing you to protect existing investments.

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

- Single-channel 4-Gigabit Fibre Channel Host Adapter
- Features a 1 GB/second, high-performance x4 PCI Express (PCIe) host connection
- Proven industry interoperability
- Low-profile form factor
- Driver support for Microsoft Windows® and Mac® OS X
- Backward compatible with 2-Gb and 1-Gb legacy Fibre Channel Products
- RoHS Compliant

**Technical Specification**  
Celerity FC-41EL

## Host Adapter

For More Information:  
[www.ATTOTech.com](http://www.ATTOTech.com)  
 or to Purchase:  
[www.ATTOSTore.com](http://www.ATTOSTore.com)  
 (716) 691-1999

Hardware Specifications	
Fibre Channel Interface	<ul style="list-style-type: none"> <li>• Single independent FC port</li> <li>• 4-Gigabit FC data-transfer rates</li> <li>• Supports up to 64KB transfer sizes</li> <li>• Supports all FC topologies; direct fabric, arbitrated loop and point-to-point</li> <li>• ANSI Fibre Channel: FC-PH, FC-FCP, FC-AL, FC-AL2, FC-PLDA, FC-FLA</li> <li>• Flash ROM for easy field upgrades</li> <li>• FC Class 3 Support</li> <li>• Local management and diagnostics</li> <li>• Buffer Credits: 4</li> </ul>
Advanced FC Capabilities	<ul style="list-style-type: none"> <li>• Supports initiator mode only (target mode not supported with FC-41EL)</li> <li>• Backward compatible with 2-Gb and 1-Gb Fibre Channel</li> </ul>
Host Bus Specifications	<ul style="list-style-type: none"> <li>• x4 mechanical and x4 electrical PCI Express interconnect</li> <li>• Supports PCI Express Base Spec 1.0a</li> <li>• Supports PCI Express CEM Spec 1.0a</li> </ul>
External Connectivity	<ul style="list-style-type: none"> <li>• Easy-to-install full height connection bracket</li> <li>• External LEDs for on-line and speed status</li> <li>• Single (1) pluggable optical LC SFP connector included</li> </ul>
Software Specifications	
Driver Support	<ul style="list-style-type: none"> <li>• Windows Vista, Server 2003, XP, 2000</li> <li>• Mac OS X (10.4.x) for Mac Pro systems only</li> <li>• ATTO Express Power Center software not supported with FC-41EL</li> </ul>
Agency Approvals	
Safety and Environmental	<ul style="list-style-type: none"> <li>• FCC Rules, Part 15, Class B</li> <li>• CE Mark: CISPR 22:2002/EN55022:2002, Class B</li> </ul>
Environmental & Physical Specifications	
Dimensions	<ul style="list-style-type: none"> <li>• Conforms to PCI Express Low Profile form-factor specs</li> <li>• Length 5.600"</li> <li>• Height 2.712"</li> </ul>
Operating Environment	<ul style="list-style-type: none"> <li>• Temperature: 0-45° C (32°-113°C)</li> <li>• Humidity: 5 - 95% non-condensing</li> </ul>
Storage Environment	<ul style="list-style-type: none"> <li>• Temperature: -40°-70°C (-40°-157°F)</li> <li>• Humidity: 5 - 95% non-condensing</li> </ul>
Power	<ul style="list-style-type: none"> <li>• 12V @ 0.5A max</li> </ul>
Airflow	<ul style="list-style-type: none"> <li>• 100 lf/m (min) recommended</li> </ul>
Optical Cabling	<ul style="list-style-type: none"> <li>• 50/125µm up to 150m @ 4-Gb</li> <li>• 50/125µm up to 300m @ 2-Gb</li> <li>• 50/125µm up to 500m @ 1-Gb</li> </ul>
RoHS Compliant	Yes
Ordering Information	
Model Number	<ul style="list-style-type: none"> <li>• CTFC-41EL-000 (RoHS)</li> </ul>