

## Connecting Dell® Precision Mobile Workstations and All-in-Ones to a Fibre Channel SAN using Thunderbolt™

### DELL MOBILE WORKSTATIONS

- Precision™ 7000 Series
- Precision 5000 Series



### DELL ALL-IN-ONE WORKSTATIONS

- Precision 5720



### ATTO THUNDERLINK® THUNDERBOLT™ DEVICES

- TLFC 3322 – Thunderbolt 3 to Dual Port 32Gb Fibre Channel
- TLFC 3162 – Thunderbolt 3 to Dual Port 16Gb Fibre Channel



### SUPPORTED OPERATING SYSTEMS

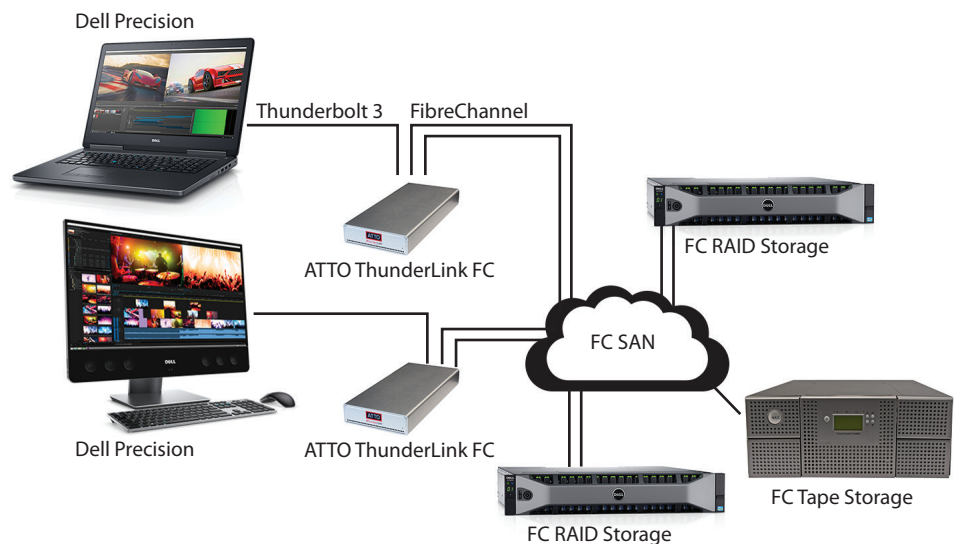
- Windows® 10, 7

### EXPAND OPPORTUNITIES AND SELL INTO NEW MARKETS

Specialized, compute intensive applications used for media & entertainment, manufacturing & design, oil & gas, game development, imaging or healthcare require mobile workstations and all-in-ones outfitted with powerful graphics, processors and memory. High-performance, low latency connectivity to storage is also a must have.

Thunderbolt™ 3 is a fantastic new technology that offers high throughput 40 Gb/s to peripheral devices. More importantly, it brings versatility to traditionally limited mobile computers. It is changing how mobile users think about external storage by opening up many new use cases. ATTO ThunderLink® Fibre Channel devices enable mobile workstations and all-in-ones to connect to high-performance 32Gb or 16Gb block level Fibre Channel storage area networks (SANs) and enterprise storage.

Connecting mobile workstations and all-in-ones to an existing SAN with centralized shared storage using ATTO Thunderbolt to Fibre Channel devices provides scalability, high performance with very low latency and improved uptime. Shared access to the same pool of storage benefits users for more efficient workflows, centralized management, increased storage utilization, improved backups and longer distances to the storage. ATTO ThunderLink devices combine a new balance of mobility, simplicity, flexibility and performance.



ATTO Technology, Inc. has been developing high performance, low latency storage connectivity solutions for the workstation market for nearly 30 years. ATTO's Thunderbolt 3 to 32Gb and 16Gb Gen 6 Fibre Channel ThunderLink devices were designed to meet the ever growing performance needs of a scalable storage area network.

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### HOW TO BUY

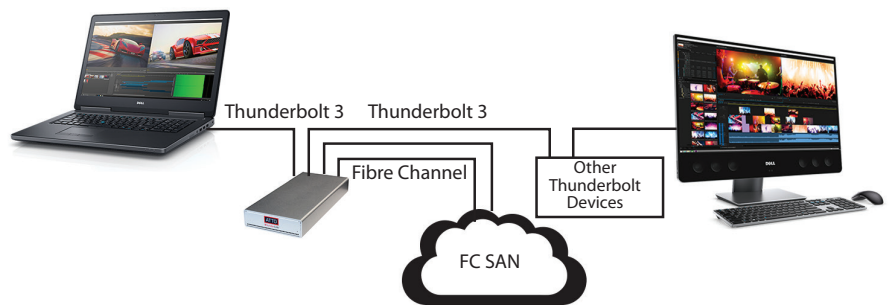
#### Available through Dell S&P

ATTO SKU	DELL SKU
TLFC-3222-D00	A9768579
TLFC-3162-D00	A9768578

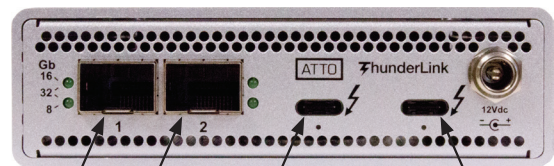
Dell Sales 1.800.456.3355

ATTO Sales +1.716.691.1999

- When external hybrid or all-flash arrays are used, the low latency benefits of the Fibre Channel protocol is the preferred solution to take advantage of the performance of solid state drives (SSDs).
- ATTO is the only Thunderbolt™ to Fibre Channel device manufacturer that develops drivers for workstation operating systems as well as servers, allowing both to share Fibre Channel storage.
- ATTO's MultiPath Director™ technology is the only solution connecting mobile workstations and all-in-ones to enterprise storage, allowing you to load balance and aggregate the performance across multiple Fibre Channel links, as well as provides automatic path failover and failback for higher availability in Windows® environments.
- ATTO Advanced Data Streaming (ADS™) technology provides controlled latency and acceleration of data for consistently high performance.
- ATTO ConfigTool™ - GUI-based utility to locally or remotely manage and monitor the multiple data paths between the workstations and the storage. Helps customize the settings of your ATTO ThunderLink® devices to maximize the performance of your storage connections. Easily identify problem areas to expedite troubleshooting efforts.
- Up to 2750 MB/s throughput.



ATTO ThunderLink FC 3162



FC Port#1 FC Port#2 Thunderbolt 3 Port #1 Thunderbolt 3 Port #2  
SFP+ Included Use standard LC Optical cable Use Thunderbolt 3 cable with USB-C connector



Certified solution through Dell's IHV program – available for purchase through Dell S&P