

# SOLUTION BRIEF



The Power Behind the Storage

## Connecting Dell® Precision Mobile Workstations to a Fibre Channel SAN using Thunderbolt™

### DELL MOBILE WORKSTATIONS

- Precision™ 7000 Series
- Precision 5000 Series



### ATTO THUNDERLINK® THUNDERBOLT™ ADAPTERS

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



### SUPPORTED OPERATING SYSTEMS

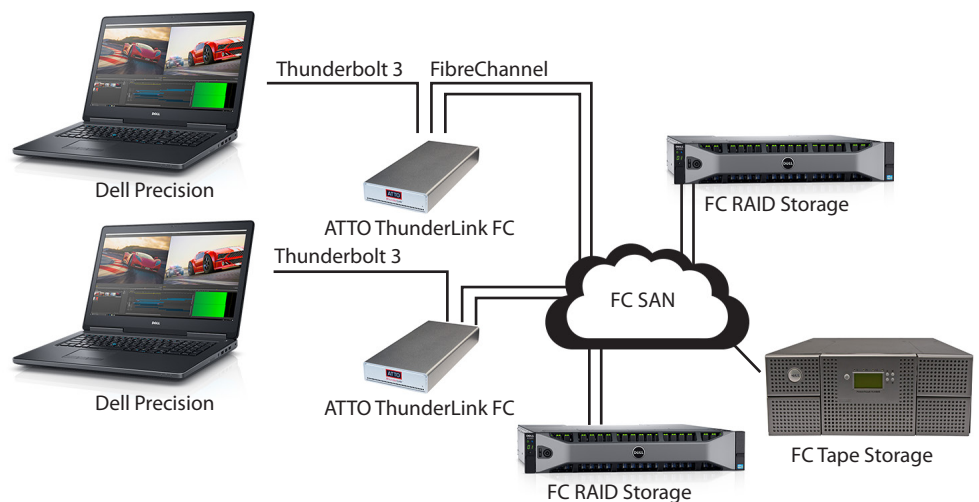
- Windows® 10, 7

### EXPAND OPPORTUNITIES AND SELL INTO NEW MARKETS

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

Thunderbolt™ 3 is a 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 adapters enable mobile workstations 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 adapters 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 adapters combine a new balance of mobility, simplicity, flexibility and performance.



# SOLUTION BRIEF



The Power Behind the Storage

## Connecting Dell® Precision Mobile Workstations to a Fibre Channel SAN using Thunderbolt™

### HOW TO BUY

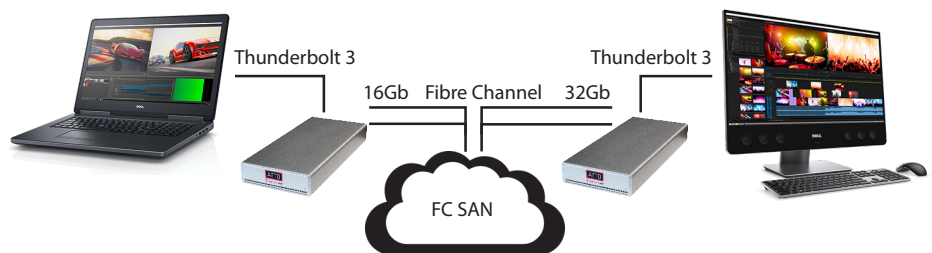
#### Available through Dell S&P

<u>ATTO SKU</u>	<u>DELL SKU</u>
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 (SSD)
- ATTO is the only Thunderbolt™ to Fibre Channel adapter manufacturer that develops drivers for workstation operating systems as well as servers, allowing both to share Fibre Channel storage
- ATTO MultiPath Director™ technology is the only solution connecting mobile workstations 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® adapters 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 IHV program –available for purchase through Dell S&P