

### DELL MOBILE WORKSTATIONS

- Precision™ 7000 Series
- Precision 5000 Series



### DELL ALL-IN-ONE WORKSTATIONS

- Precision 5720



### ATTO THUNDERLINK® THUNDERBOLT™ ADAPTERS

- TLSH 2068 – Thunderbolt 2 to Dual Port 6Gb SAS/SATA



### SUPPORTED OPERATING SYSTEMS

- Windows® 10, 7

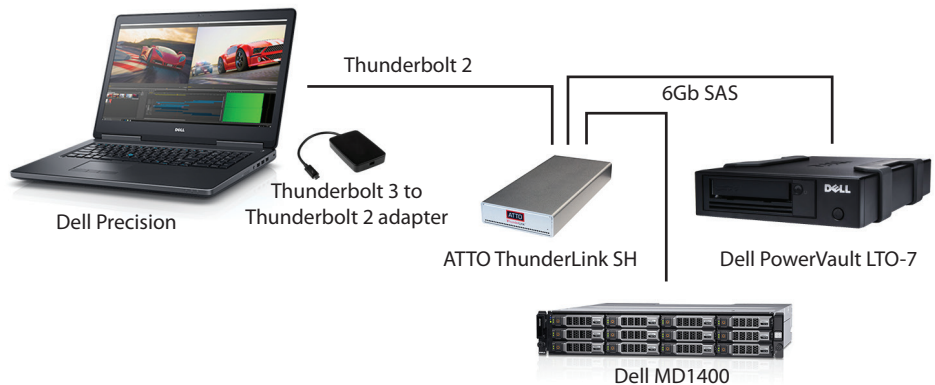
## Connecting Dell® Precision Mobile Workstations and All-in-Ones to External SAS Storage Using Thunderbolt™

### 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 and all-in-ones outfitted with powerful graphics, processors and memory. High-performance, low-latency connectivity to storage is also a must-have.

Thunderbolt™ is a fantastic new technology that offers high throughput 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® SH adapters enable mobile workstations and all-in-ones to connect to high performance block level SAS devices such as JBODS, external RAID systems and SAS tape.

The amount of data utilized by workstation applications is continually growing. All I/O ports are not built the same. Thunderbolt offers as much as 8X the bandwidth over other I/O ports. The ATTO ThunderLink SH 2068 provides up to 1375 MB/s of throughput, saving a magnitude of time and money reading, writing and archiving data.



Being able to connect mobile workstations and all-in-ones to external SAS RAID arrays at up to 1375 MB/s can tremendously improve productivity. Larger projects can easily be stored and protected using RAID. Faster data transfer rates along with SAS block level transfers to multiple solid state drives (SSDs) make the workflow more efficient.



ATTO Technology, Inc. has been developing high performance, low latency storage connectivity solutions for the workstation market for 30 years. ATTO Thunderbolt 2 to 6Gb SAS/SATA adapters were designed to answer the ever growing storage performance needs of the workstation user for local and backup storage.

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### HOW TO BUY

#### Available through Dell S&P

ATTO SKU	DELL SKU
TLSH-2068-D00	A9816330
<b>Dell Sales</b>	+ 1.800.456.3355
<b>ATTO Sales</b>	+1.716.691.1999

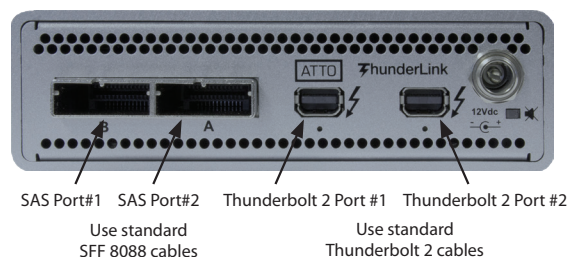
The value of tape has increased since the introduction of linear tape file system (LTFS). LTFS is a format that allows data to be written to tape so that it can be read anywhere with open source LTFS software. One benefit is that LTFS indexes the tape and makes it searchable so that files can be retrieved much faster. Users can browse contents and drag and drop files from a desktop or folder directly to and from tape just as with a hard drive or thumb drive. Tape stored files can be shared with any Windows® or Linux® users who have LTFS installed on their system, regardless of what version or manufacturer of LTO drive they own. LTO tape also supports encryption features which helps to secure data that's in transit.

When you take into consideration all the benefits of using LTO tape storage, Thunderbolt™ to SAS/SATA adapters make a lot of sense. Thunderbolt can transfer larger amounts of data to tape in the same amount of time. The speed and efficiency of Thunderbolt moves data more quickly and economically than over a network/ Internet. This is ideal for applications that produce terabytes of data on a daily basis.

- ATTO ThunderLink® adapters combine a new balance of mobility, simplicity, flexibility and performance
- ATTO Advanced Data Streaming (ADS™) Technology provides controlled latency and acceleration of data
- 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 to maximize the performance of your storage connections. Easily identify problem areas to expedite troubleshooting efforts
- Up to 1375 MB/s throughput
- Certified with dozens of SAS storage products.

For details visit: <https://www.atto.com/support/interoperability/>

ATTO ThunderLink SH 2068



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