ATTO

The Power Behind the Storage

Thunderbolt™ Devices

ThunderLink®

ATTO ThunderLink® devices allow today's Thunderbolt™ technology enabled platforms to connect into high-performance storage and networks, including SAS, SATA, Fibre Channel and Ethernet infrastructures. ThunderLink products are focused on applications where performance and latency management are essential. With Thunderbolt connectivity, creative, engineering and scientific professionals now have access to storage and networks at speeds not previously available. ATTO exclusive Advanced Data Streaming (ADS™) technology provides the fastest, most consistent time-to-data, delivering best-in-industry aggregate bandwidth and predictable data transfers for high-performance applications or mobile platform users.

- Widest portfolio of connectivity devices for Thunderbolt technology enabled all-in-one systems, workbooks and workstations
- Makes the ATTO portfolio of solutions, with full features and functionality, available to Thunderbolt technology enabled platforms in a low-profile desktop form factor
- Daisy-chaining, combined with hot-plug capability, allows addition of devices or reconfiguration of the entire system on-the-fly

ThunderLink Supports:
- Mac®, Windows®
- Certified with industry leading VMware® platforms and applications
- DisplayPort (including 4K), hot plug, daisy chain

Includes:
- Advanced Data Streaming (ADS™) technology
- ATTO ConfigTool™ for customized performance settings

Complementary Products:
- ATTO Celerity™ Fibre Channel HBAs
- ATTO ExpressSAS® HBAs and RAID Adapters
- ATTO FastFrame™ NICs
- ATTO XstreamCORE™ Storage Controllers
- ATTO FibreBridge® Fibre Channel Bridges
- ATTO premium cables and accessories

ATTO ThunderLink® Devices

Product Features	40GbE	40GbE	Fibre Channel	Fibre Channel	10GbE	10GbE
Part Number	TLNQ-3402-D00/DE0[1]	TLNQ-3401-D00/DE0	TLFC-3322-D00/DE0	TLFC-3162-D00/DE0	TLNS-3102-D00/DE0	TLNS-3101-D00/DE0
Input Connectors	(2) 40Gb/s Thunderbolt (USB-C)	(2) 40Gb/s Thunderbolt (USB-C)	(2) 40Gb/s Thunderbolt (USB-C)	(2) 40Gb/s Thunderbolt (USB-C)	(2) 40Gb/s Thunderbolt (USB-C)	(2) 40Gb/s Thunderbolt (USB-C)
Output Connectors	(2) 40GbE	(1) 40GbE	(2) 32Gb/s Fibre Channel	(2) 16Gb/s Fibre Channel	(2) 10GbE	(1) 10GbE
Connector Type	(2) QSFP (Included)	(1) QSFP+ (Included)	(2) Optical SFP+LC (Included)	(2) Optical SFP+LC (Included)	(1) Optical SFP+LC (Included)	(2) Optical SFP+LC (Included)
Warranty	3 year	3 year	3 year	3 year	3 year	3 year

ATTO ThunderLink® Devices

Product Features	Fibre Channel	Fibre Channel	SAS/SATA	10GBASE-T	10GbE	10GbE
Part Number	TLFC-2162-D00/DE0[1]	TLFC-2082-D00/DE0[1]	TLSH-2068-D00/DE0[1]	TLNT-2102-D01/DE1[1]	TLNS-2102-D01/DE1[1]	TLNS-2101-D00/DE0[1]
Input Connectors	(2) 20Gb/s Thunderbolt	(2) 20Gb/s Thunderbolt	(2) 20Gb/s Thunderbolt	(2) 20Gb/s Thunderbolt	(2) 20Gb/s Thunderbolt	(2) 20Gb/s Thunderbolt
Output Connectors	(2) 16Gb/s Fibre Channel	(2) 8Gb/s Fibre Channel	(2) x4 6Gb/s SAS/SATA	(2) 10GbE	(2) 10GbE	(1) 10GbE
Connector Type	(2) Optical SFP+ LC (Included)	(2) Optical SFP+ LC (Included)	(2) mini SAS (x4) SFF 8088 External	(2) RJ45	(2) Optical SFP+ LC (Included)	(1) Optical SFP+ LC (Included)
Warranty	3 year	3 year	3 year	3 year	3 year	3 year

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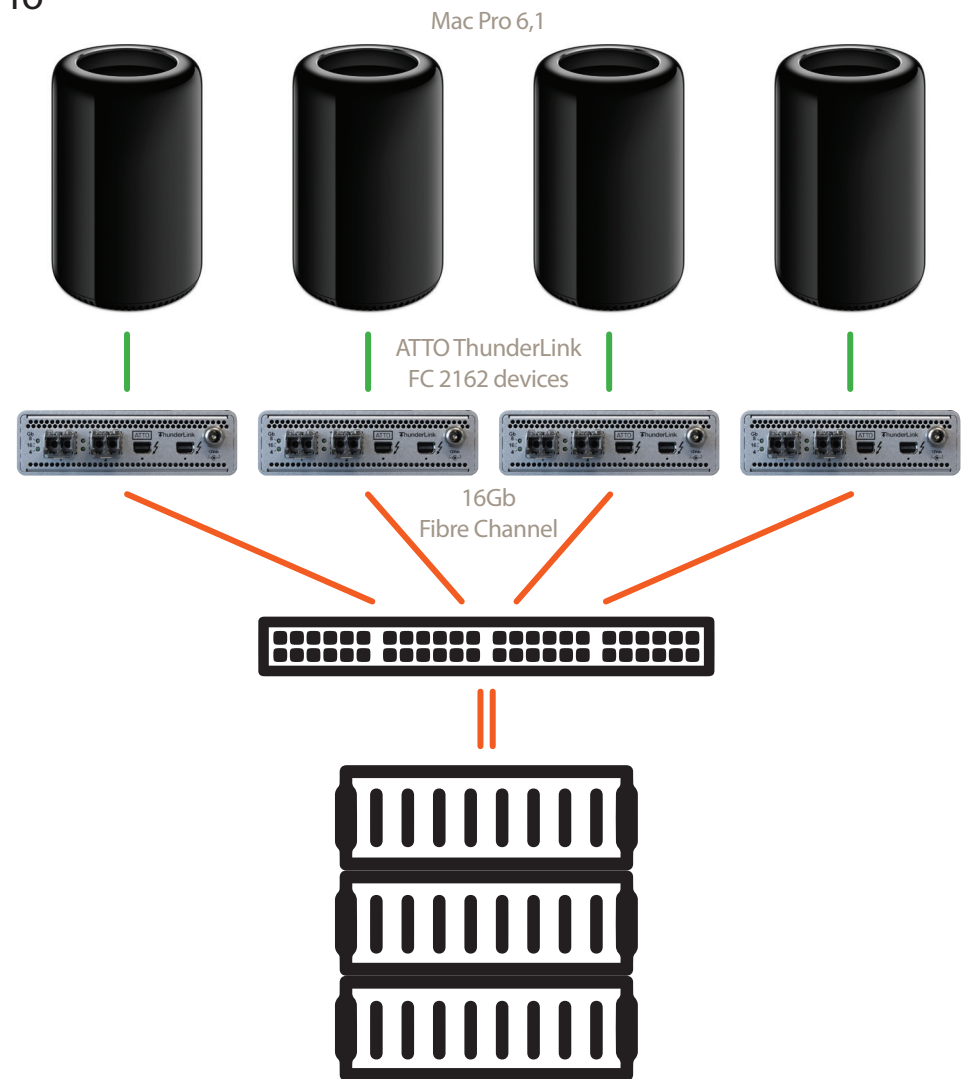
Thunderbolt™ Enabled VMware ESXi™ for Mac Pro®

ATTO ThunderLink® devices provide ESXi™ virtualized Mac Pro® with Thunderbolt™ connectivity to Fibre Channel storage.

Use Cases

- Apple® technologies application development and testing environments
- Web development and graphic design
- VDI for macOS® desktop connectivity

Solution Benefits

- The only VMware® Ready HCL listed solution for Thunderbolt enabled Fibre Channel ready storage connectivity
- Increase productivity and accelerate testing cycles for Apple technologies development teams by using Fibre Channel storage resources
- Mac ESXi based hosts can be implemented the same as other ESXi hosts allowing you to simplfy management and reduce costs

vmware® READY

STORAGE

Mac Pro 6,1

ATTO ThunderLink
FC 2162 devices

16Gb
Fibre Channel

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