# SANLink2

# PROMISE SANLink2
## with Thunderbolt™ 2 Technology

## Highlights

• Enables Fibre Channel connectivity on systems with a Thunderbolt™ 2 port

• Dual 8Gbps Fibre Channel Ports

• Dual 20Gbps Thunderbolt™ 2 ports with Display Port and Device Daisy-Chain support

• Supports OS X and OS X Server

• Supports Xsan and StorNext filesystems

• Supports all VTrak storage subsystems (4 & 8 Gbps Fibre Channel)

• Thunderbolt™ cable included

### Groundbreaking SAN connectivity technology

The PROMISE SANLink2 Thunderbolt™ 2 8G Fibre Channel bridge is a groundbreaking, out-of-the-box solution that revolutionizes how users connect to a Fibre Channel SAN. For the first time, portable and desktop systems previously unable to connect to a high-speed Fibre Channel SAN can now do so using Thunderbolt 2 technology.

SANLink2 provides dual 8Gbps Fibre Channel ports that can be used to connect directly to an external Fibre Channel storage device or to a storage area network (SAN) using a high-speed Thunderbolt™ 2 I/O port. Each adapter features full-duplex capable FC ports that automatically detect connection speed and can each independently operate at 1, 2, 4, or 8Gbps.

### Thunderbolt™ Enabled Portable or Desktop on a Fibre Channel SAN = No Problem

SANLink2 is fully compatible with Thunderbolt™ 2 technology, is qualified for use with OS X, and works with full hot-plug capability.

Dual Thunderbolt™ 2 I/O ports enable SANLink2 to daisy chain up to a total of six Thunderbolt devices including products such as PROMISE Pegasus2 Series Thunderbolt™ 2 RAID storage systems.
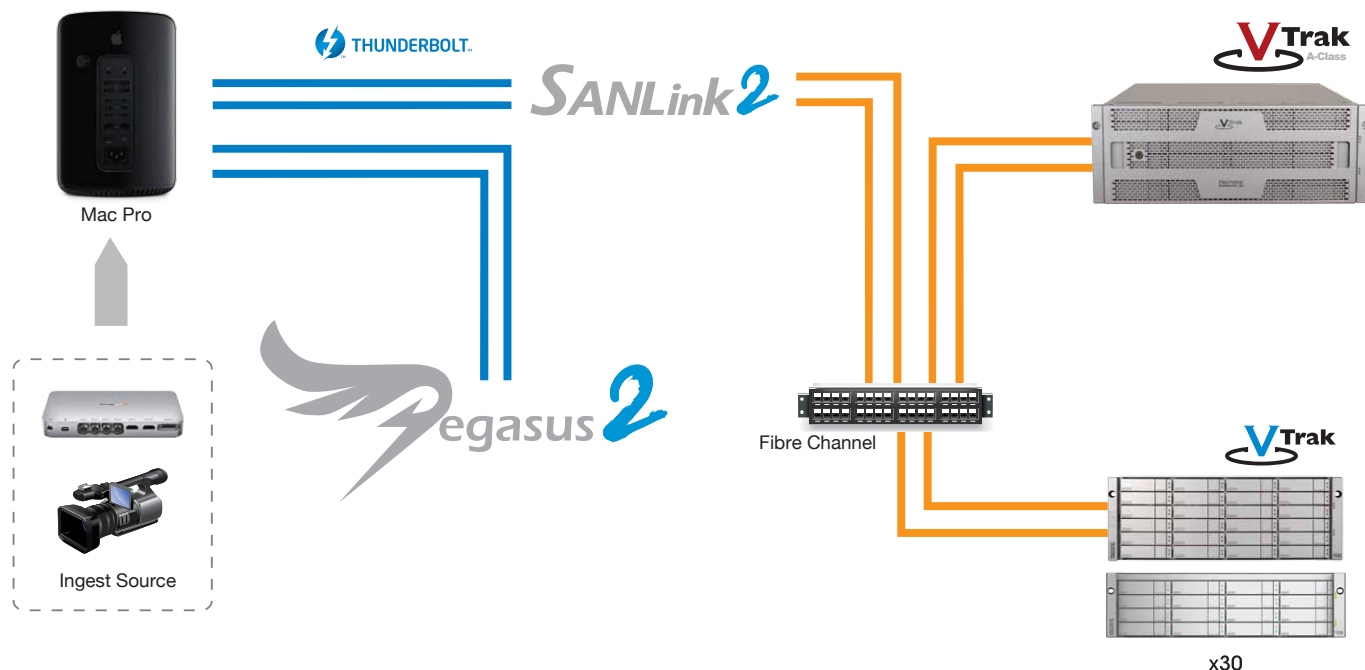
### Streamlining Workflows for Creative Professionals

SANLink 2 removes storage bottlenecks for portable and desktop systems that were once unable to connect directly to a Fibre Channel SAN. By using SANLink2, editing files in real time in native uncompressed formats has become a reality, thus removing the need for costly rendering time due to proxy editing. In addition, access to low-latency, high-bandwidth storage reduces file load times, allows for instantaneous response time during timeline scrubbing and reduces the amount of time required for large media file transfers.

### PROMISE 4K Workflow with Pegasus2, SANLink2 & VTrak

PROMISE offers a Thunderbolt™ 2 to shared storage workflow solution for 4K environments, through **Pegasus2**, **SANLink2**, and **VTrak A-Class**. Pegasus2 offers portable RAID storage for post production and broadcasting for offsite shoots. SANLink2 Thunderbolt™ 2 to 8G Fibre Channel bridge provides high speed direct connectivity to Fibre Channel for 4K applications.

# End to End 4K Solution



Mac Pro

THUNDERBOLT™

*SANLink2*

Ingest Source

*Pegasus2*

Fibre Channel

VTrak A-Class

VTrak

x30

## SANLink Specifications

| | |
|---|---|
| Fibre Channel External Ports | Dual 8Gbps Fibre Channel ports |
| Fibre Channel External Connector | LC style Pluggable (SFP), multimode optics (850nM) |
| Fibre Channel LED Indicators | Dual LED: Green= Activity LED, Amber= Link LED (flash 3 times: 8G, flash twice: 4G, flash once: 2G) |
| Fibre Channel Data Transfer Rates (per port) | Full Duplex 1600MB/s @8G (800MB/s @ 4G, 400MB/s @ 2G, 200MB/s @ 1G) |
| Host Bus Type | Dual 20Gbps Thunderbolt™ ports<br>- Dual-Protocol (PCIe and DisplayPort)<br>- Daisy chained device support |
| Protocols | SCSI-FCP, FCP2 |
| Topology | Point-to-Point, arbitrated loop, switched fabric (N_Port, NL_port, FL_port, F_port) |
| OS Support | OS X |
| **Mechanical Specifications** | |
| Dimensions (w x l x h) | 3.62 x 6.40 x 1.69 in (9.2 x 16.3 x 4.3 cm) |
| Weight | 1.32 lbs (600 g) |
| Power Adapter | Input: 100-240V, 50-60Hz, 1.2A Max<br>Output: 12V @ 4A |
| Certification | CE, C-tick, FCC Class B, UL, VCCI |
| **Environmental Conditions** | |
| Operating Temperature | 5° to 35°C |
| Storage Temperature | -40° to 60°C |
| Relative Humidity | Operational: 10% to 90% (Non-Condensing) Non-Operational: 5% to 95% (Non-Condensing) |
| **Warranty and Support** | |
| Warranty | 3 years |
| Support | 24/7 e-mail and phone support (English only); 24/7 access to Promise support site-drivers, firmware and compatibility lists |