Pegasus 2 SANLink 2

Pegasus2 Series and SANLink2 by PROMISE
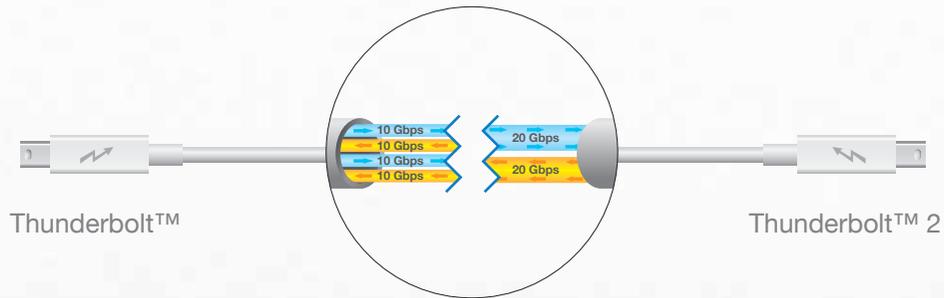
Thunderbolt™ Performance for the 4K Generation

The Pegasus2 Series introduces the world's first storage solutions equipped with Thunderbolt™ 2 — the revolutionary technology from Intel® that allows blazing speeds of 20Gbps. Pegasus2 maximizes the available line rate of Thunderbolt™ 2 to provide blistering fast transfer speeds to dramatically accelerate and simplify 4K workflows while maximizing storage capacity and offering industry-leading RAID protection. The Pegasus2 Series is the first RAID 5 solution with Thunderbolt™ 2 technology, delivering portable RAID systems for offsite shoots and enabling quick and safe backups of terabytes of data within minutes. The Pegasus2 Series is also an integral piece for PROMISE's end to end storage solutions for 4K environments which includes SANLink2 — a Thunderbolt™ 2 to 8G Fibre Channel bridge — which provides connectivity to PROMISE VTrak storage and PROMISE VTrak A-Class shared SAN solutions.

Pegasus2 with Thunderbolt™ 2

Pegasus2 with Thunderbolt™ 2 – 20Gbps

Pegasus2 boasts the world's fastest connectivity through Thunderbolt™ 2, reaching a staggering speed of 20Gb – per second

Thunderbolt™   Thunderbolt™ 2

Thunderbolt™ technology provides tremendous support for video with its exceptional performance and bandwidth, while Thunderbolt™ 2 further embraces the growing trend of Ultra-HD/4K applications in media & entertainment, mobility, and computing. Running bi-directionally at 20Gbps – twice the bandwidth of Thunderbolt™ – Thunderbolt™ 2 is a breakthrough for video creators and multimedia professionals allowing them simultaneous transfer and display of high-bandwidth 3D and 4K video files.

Performance for 4K Workflows

Blistering Fast Transfer Speeds

The Pegasus2 maximizes the available line rate of Thunderbolt™ 2 to provide blistering fast transfer speeds which dramatically accelerate and simplify 4K workflows. The advancement in bandwidth of Thunderbolt™ 2 and Pegasus2 will enable professionals to edit and view live 4K streams while backing up the same file to a Pegasus2 system (or multiple daisy-chained Pegasus2 systems), while still using the same cables and connectors as the previous generation.

Ingest Spurce

Pegasus2 R8

Capacity for Creative Projects

Performance, Innovation, and Capacity

Combine the innovation of the new Mac Pro and Thunderbolt™ 2 with the capacity and performance of the industry's fastest storage solution, Pegasus2. Expand the flash storage capacity of the Mac Pro by daisy chaining multiple Pegasus2 drives to the system for massive amounts of additional storage. Pegasus2 offers models with 4-8 drives and up to 32TB of raw capacity, providing you with storage for all your massive digital projects.

The Pegasus2 R4 8TB RAID system offers an easy entry point into the Thunderbolt™ 2-based storage family.

The Pegasus2 R6 12TB RAID system offers terrific value, at the lowest cost for BOTH performance and protection.

The Pegasus2 R6 18TB RAID system offers the best value combination of performance, protection, and capacity.

The Pegasus2 R8 24TB RAID system is the fastest available RAID storage with Thunderbolt™ 2.

The Pegasus2 R8 32TB RAID system offers the highest capacity and protection at Thunderbolt™ 2 transfer rates.

Daisy-chain up to 6 Pegasus enclosure units or Thunderbolt peripherals
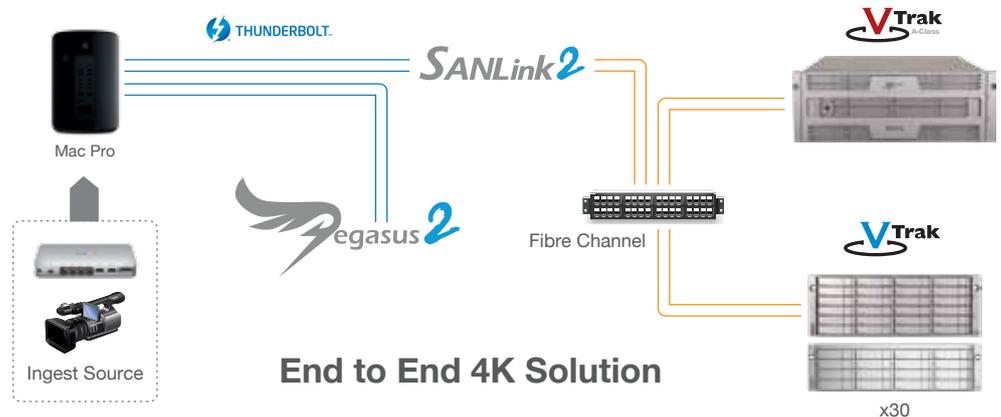
PROMISE 4K Workflow

PROMISE 4K Workflow

The Pegasus2 is essential to PROMISE's end to end storage solutions for 4K environments, being the optimal RAID storage solution for offsite shoots where block and/or SAN storage is not readily available.

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.

VTrak A-Class—As an integrated SAN-in-a-box, the VTrak A-Class shared SAN filesystem solution separates itself from the competition with optimized performance for rich media applications and up to 50% cost savings.

End to End 4K Solution

Compact & Portable

Portable RAID for Offsite Shoots

Being away from the studio for a shoot doesn't mean you have to sacrifice the RAID protection and speeds of your SAN storage. Pegasus2 pairs together enterprise-level hardware RAID protection and the incredible 20Gbps speed of Thunderbolt 2 in a compact, portable package that you can take with you almost anywhere (perfect for photographers, video creators and other multimedia professionals).

Pegasus2 dramatically reduces the amount of hardware previously required for this level of storage performance. Produced in a compact enclosure with an optional carrying case, Pegasus2 enables photographers and video creators to easily carry the device and take it with them to any shoot location. Copying dailies and delivering rough cuts of in-production video on-set is easy, allowing you to create unbelievable rich media – simply with a laptop and a Pegasus2.

Backup & Archive

Enterprise-Grade Data Protection

The world-renowned PROMISE RAID engine has been protecting the valuable digital assets of companies in the media and entertainment industry for more than two decades. Backup your projects to a Pegasus2 drive and rest assured in knowing that your content is protected by the same technology that has been deployed millions of times and trusted by the biggest corporations in the world. Configure the Pegasus2 to suit your needs - RAID 0 for extreme performance, RAID 6 for data redundancy and performance (full data protection even if two disks fail), or anything in between.

SANLink2

Groundbreaking SAN Connectivity Technology

The PROMISE SANLink2 Thunderbolt™ 2 to 8G Fibre Channel bridge is a groundbreaking, out-of-the-box solution that revolutionizes how users connect to a Fibre Channel SAN. 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 bridge features full-duplex capable FC ports that automatically detect connection speeds 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 and supports OS X. SANLink2 requires zero software installation and works right out-of-the-box 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 drives.

Streamlining Workflows for Creative Professionals

SANLink2 removes storage bottlenecks for portable and desktop systems that were once unable to connect directly to a Fibre Channel SAN. By using SANLink2, editing 4K 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.

Specifications

Pegasus2 Series			
Model	Pegasus2 R8	Pegasus2 R6	Pegasus2 R4
Product Picture			
Form Factor	8-bay Hardware RAID Enclosure	6-bay Hardware RAID Enclosure	4-bay Hardware RAID Enclosure
Thunderbolt™ Ports	2x Thunderbolt™ 2 technology ports (20Gbps)		
RAID Level	0, 1, 5, 6, 10, 50, 60	0, 1, 5, 6, 10, 50	0, 1, 5, 6, 10
Capacity	24TB (8x3TB) 32TB (8x4TB)	12TB (6x2TB) 18TB (6x3TB)	8TB (4x2TB)
Dimensions	Height: 12.2 in./31.0 cm Width: 9.6 in./24.5 cm Length: 7.3 in./18.7 cm	Height: 7.5 in./25.1 cm Width: 9.6 in./24.5 cm Length: 7.3 in./18.7 cm	Height: 9.9 in./19.2 cm Width: 9.6 in./24.5 cm Length: 7.3 in./18.7 cm
Weight	24.2 lb./11 kg	20.1 lb./9.1 kg	15 lb./6.8 kg
Warranty	2 year warranty		

SANLink2 Series
• 2 x 8G Fibre Channel ports with auto negotiation of 1, 2, 4, and 8Gbps
• Host connectivity using 20Gbps Thunderbolt™ port
• 2 x Thunderbolt™ ports supporting daisy chaining for peripherals
• Supports all VTrak storage subsystems (4 & 8 Gbps Fibre Channel)
• Supports OS X, OS X Server and Xsan and StorNext filesystems

*Thunderbolt™ cable included

*Optional carrying case available for Pegasus2

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