



Lightning Fast Performance

Storage Solutions with Thunderbolt Technology

Pegasus - Direct Attached Storage

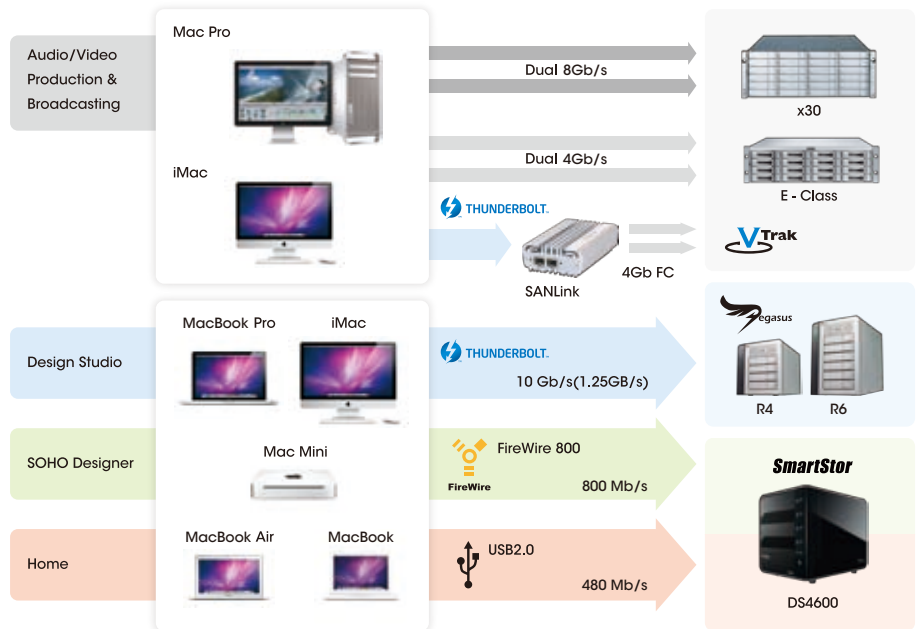
Pegasus R4 and R6 are the First 4-bay and 6-bay High Performance Hardware RAID Solutions designed to unleash the raw power of Thunderbolt™ technology. Thunderbolt technology is a new, high-speed, dual-protocol I/O technology designed for performance, simplicity, and flexibility. This high-speed I/O technology is capable of delivering a blistering two channels of 10 Gb/s (1.25GB/s) per port of performance.

SANLink - Fibre Channel adapter

SANLink ushers in a new generation of devices that take advantage of Intel's new 10Gb/s Thunderbolt I/O technology. SANLink provides Thunderbolt technology enabled systems with dual 4Gb Fibre Channel connectivity, hence allowing them access to the SAN.

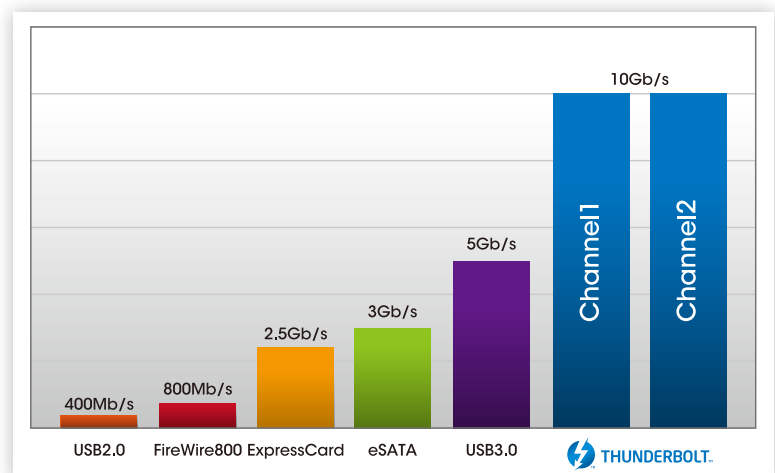


Enabling Connectivity to the Mac World

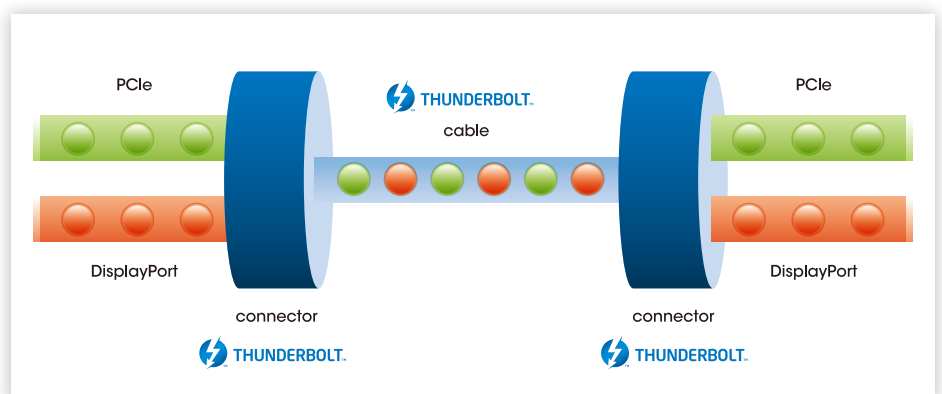


PROMISE is committed to developing the best-in-class storage solutions for Mac OS X users. From the A/V professional needing enterprise class storage to the home user requiring external desktop storage, PROMISE provides proven storage solutions for your storage infrastructure.

Introducing Thunderbolt™ Technology



Thunderbolt™ technology is a new high-speed, multi-protocol I/O technology providing dual channel, bi-directional 10Gb/s data transfer rate, while integrating the display protocol, allowing users to use a single cable for data transmission and video output. Thunderbolt™ technology provides the incredible 10Gb/s speed which is much more faster than other existing I/O technologies. Benefit from Thunderbolt™ technology, users can now transmit Teras and Gigas of data in a flip, and for creative professionals can utilize the large bandwidth to enhance the effectiveness of HD video editing.

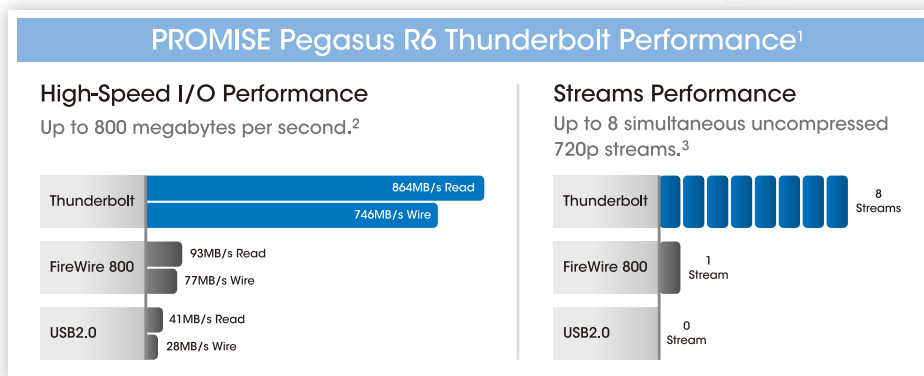


Pegasus

World's First HW RAID Storage
with Thunderbolt Technology



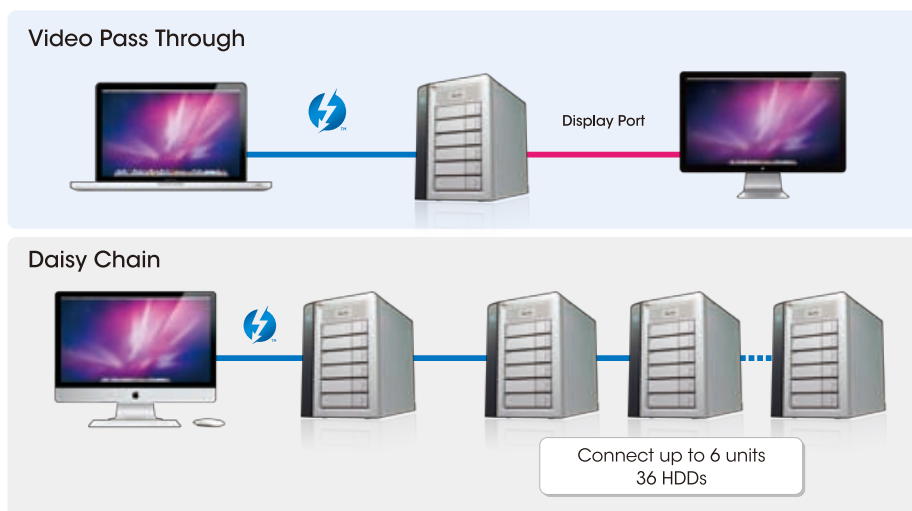
Lightning Fast Performance



With I/O rates of over 800 MB/s, Pegasus delivers a massive and unprecedented leap in performance, allowing amateur professionals, audio engineers, photographers, and post production engineers, to unleash the raw power of Pegasus, enabled with Thunderbolt Technology. Final Cut professionals can ingest, edit, and playback, multiple streams of uncompressed HD (10-bit and 12-bit) video, whilst protecting valuable workflows, audio sessions, and other creative media content, with PROMISE's award winning, enterprise level, RAID6 engine (features mature error handling schemes for the ultimate in data protection). Graphic artists utilizing Photoshop and Maya 3D animation can both manipulate and archive high resolution graphics on Pegasus, with relative ease and lightning fast responsiveness.

Flexible Connectivity

The multi-protocol support of Thunderbolt Technology enables Pegasus to deliver amazing flexibility. Daisy-chain more than one Pegasus enclosures to a single Thunderbolt technology port or connect a display to Pegasus for the ultimate in convenience and interface connectivity.



1. Performance benchmark data provided by Apple.
 2. Testing conducted by Apple in April 2011 using preproduction 27-inch 3.4GHz Intel Core i7-based iMac units, preproduction PROMISE Pegasus R6 units, and shipping PROMISE SmartStor DS4600 units. Tested using Iometer 2006.07.27 with a 30-second ramp-up, 5-minute run duration, 512KB request size, 8 outstanding IOs, 500GB test file on PROMISE Pegasus R6, and 50GB test file on PROMISE SmartStor DS4600. Performance tests are conducted using specific computer systems and reflect the approximate performance of iMac.
 3. Testing conducted by Apple in April 2011 using preproduction 27-inch 3.4GHz Intel Core i7-based iMac units, preproduction PROMISE Pegasus R6 units, and shipping PROMISE SmartStor DS4600 units. Tested using Final Cut Pro 7.0.3 with simultaneous unique 10-minute clips for each content type. Performance tests are conducted using specific computer systems and reflect the approximate performance of iMac.

Fast, Safe and Reliable

Digital Media consumption is growing at an astonishing rate, and is part of everyone's life. Featuring, two, high performance, 10Gb/s bi-directional channels, and PROMISE enterprise-level RAID 6 protection, Pegasus provides fast, safe, and reliable external storage, essential for protecting your music, photos, videos, and other valuable data. Pegasus provides massive storage, and fast performance for popular applications, including Final Cut Pro, Garageband, iTunes, iPhoto, and Photoshop. Pegasus can be used, in conjunction with Apple's Time Machine utility (in Mac OS X), to store backups of invaluable digital media, documents, or an entire computer (or workstation).

Easy to Use

Pegasus comes pre-configured out of the box. Simply unpack, supply power, and connect the Thunderbolt cable (currently, only available from Apple) to the Thunderbolt port on your computer, and you will be ready to either ingest/edit production video, or store all your important documents, music, photos, and videos. Management of Pegasus is made possible through an easy to use, all new, made-for-Mac OS X GUI utility.



One More Thing, Eco-Friendly.

Pegasus is RoHS compliant; in simple terms Pegasus is eco-friendly, keeping harmful lead out of the environment and our delicate ecosystems. Consuming a mere 78 watts under full load with six hard drives installed, Pegasus uses roughly 26% of the power consumed by the average 300 watt power supply in standard computers. Sporting a new enclosure design, an 80Plus power supply and a smart cooling fan, system noise is never an issue making Pegasus ideal for desktop, small office environments and or any room in the home.

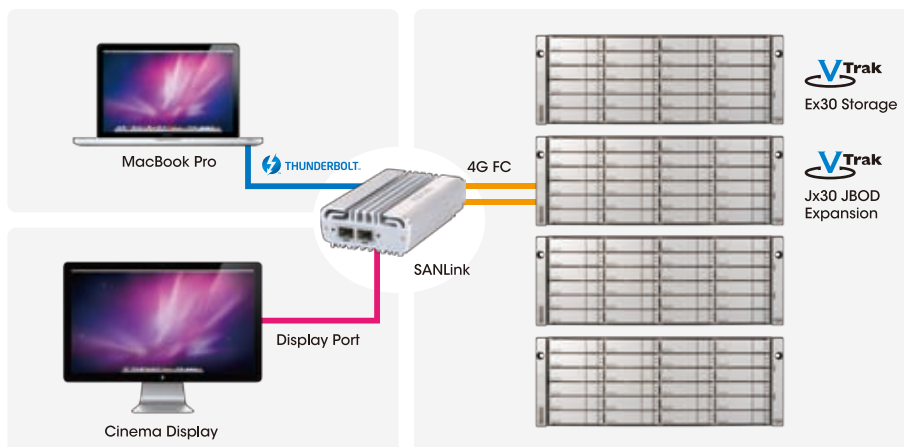


SANLink

Your Mac on a FC SAN?
No Problem!

Connect to FC SAN via Thunderbolt

PROMISE SANLink adapters introduce a new era in storage connectivity, by providing SAN access to systems and devices that was previously unavailable. Taking advantage of Intel's recently announced Thunderbolt Technology, the PROMISE SANLink adapter enables Thunderbolt-enabled MacBook Pros and iMacs (plus any future Thunderbolt-enabled Mac products) to connect to the SAN.





Fully Qualified Mac OS X, Xsan and Final Cut Pro Solution


Just like our VTrak line of storage subsystems, SANLink is fully qualified for Mac OS X, Xsan, and Final Cut Pro solutions. Thanks to the zero software installation requirement, SANLink works right out of the box, and features full hot plug support.

SANLink and VTrak storage subsystems

SANLink is the perfect companion for any Fibre Channel SAN Infrastructure. The dual ports offer more than enough performance to edit video just as you would on your favorite Mac Pro workstation, supporting multiple simultaneous uncompressed HD streams. Delivering rock solid compatibility with PROMISE VTrak for Mac OS X RAID subsystems, SANLink works with both the VTrak x10 and x30 series storage providing a powerful connectivity solution with years of service into the future.



Series	Pegasus	
Model	R6	R4
Picture		
Form Factor	6-Bay RAID Enclosure	4-Bay RAID Enclosure
Number of Hard Drives	6 SATA @ 7200 RPM	4 SATA @ 7200 RPM
RAID Level	0, 1, 5, 6, 10	0, 1, 5, 6, 10
Thunderbolt Technology Ports	2 x Thunderbolt technology Ports at 10 Gb/s (1.25GB/s)	
Capacity	6 x 1TB Model • 6TB of raw capacity (4.7TB formatted with HFS+)	4x 1TB Model • 4TB of raw capacity (2.7TB formatted with HFS+)
	6 x 2TB Model • 12TB of raw capacity (9.7TB formatted with HFS+)	4x 2TB Model • 8TB of raw capacity (5.7TB formatted with HFS+)
Backup Software	Supports Time Machine in Mac OS X	
Max Sustained Throughput	Over 800 MB/s	Over 500 MB/s
Warranty	2 Years	

SANLink	
	• 2 x 4G Fibre Channel ports with auto negotiation of 1, 2 and 4Gbps
	• Host connectivity using 10Gbps Thunderbolt port
	• 2 x Thunderbolt ports supporting daisy-chaining of peripherals
	• Fully qualified Mac OS X, Mac OS X Server, Final Cut Studio and Xsan solution
	• Zero Software Install on Mac OS X
	• Qualified solution with PROMISE VTrak x30 (8Gbps FC) and x10 Series (4Gbps FC) storage subsystems

*Specifications may change without notice

*Thunderbolt and the Thunderbolt logo are trademarks of Intel Corporation in the U.S. and/or other countries.

*PROMISE SANLink will be available in summer 2011.

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