Pegasus2

It's all about Thunderbolt 2 for Creative Professionals

The World's First Thunderbolt™ 2 Hardware RAID Storage for Media & Entertainment

PROMISE Technology delivers the world's first true Thunderbolt™ 2 prosumer desktop RAID for high-performance 4K video editing.

Benefits

- Simplify and accelerate your workflow.
- Create, edit, view, and share brilliant 3D and 4K video.
- Seamlessly transfer terabytes of data in minutes rather than hours.
- Safely backup massive creative projects.

Windows Compatible

Highlights

- Supports maximum throughput allowed by Thunderbolt™ 2 interface.
- Expand storage capacity and backup for HP Z Workstations and HP ZBook Mobile Workstations.
- Supports simultaneous streaming, editing, and backup of 4K video.
- Dual Thunderbolt™ ports for daisy-chaining.
- Hot-swappable drive bays for effortless drive access and serviceability.
- Portable hardware RAID protection for offsite shoots.
- Massive storage capacity for backing up creative projects and digital libraries.
- Thunderbolt™ cable included, backwards compatible with 10Gbps Thunderbolt™ hosts and devices.

Pegasus2

- The Pegasus2 Series with Thunderbolt™ 2 technology delivers blistering performance for creative professionals creating high resolution video and rich media content.
- Built to maximize the available line rate of Thunderbolt™ 2, video creators, photographers, graphic artists, and engineers alike can transfer and display 4K video files simultaneously at lightning speeds.
- Pegasus2 is the world's first RAID 5 solution featuring Thunderbolt™ 2 technology, enabling pros and enthusiasts to create, edit, and view live 4K video streams while simultaneously backing up files to the system.

Pegasus2 and HP Z Workstations

- Pegasus2 is a perfect fit with HP Z Workstations and ZBook Mobile Workstations on Thunderbolt™ 2.
- Storage capacity for massive 4K projects can be expanded by daisy chaining multiple Pegasus2 systems.
- Thunderbolt™ 2 port is integrated on both HP ZBook 15 and 17 Mobile Workstations.

Pegasus2 R2+
"Versatile Thunderbolt 2 Storage"

Pegasus2 R2+ offers dual Thunderbolt 2 ports and USB 3.0 with 6TB of RAID 0/1/JBOD configurable storage on two hot-swappable HDDs. It comes with a media bay with optional pods, including a small form factor 1TB HDD pod, SSD reader and SD/CF card reader pods.
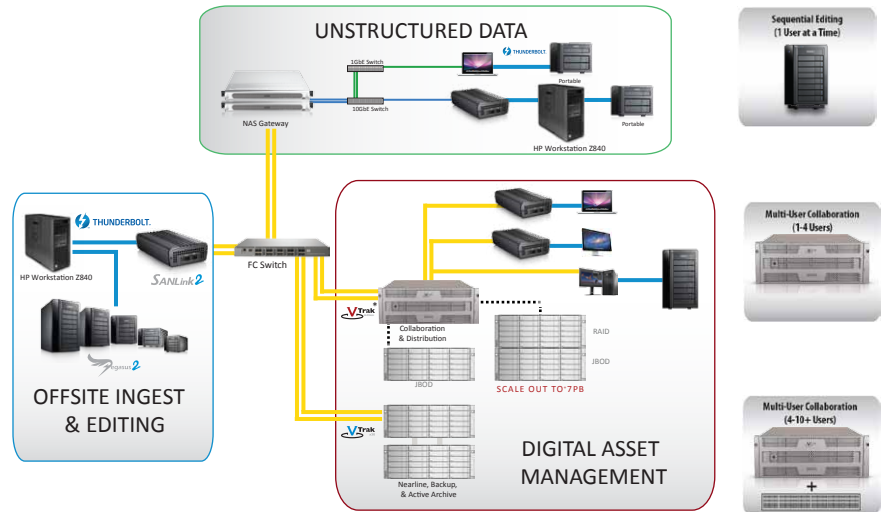
THUNDERBOLT™

PROMISE Rich Media 4K Workflow

Pegasus2 offers portable RAID storage compatible with Adobe® Premiere® Pro, Autodesk® Maya® and many more applications for post-production and broadcasting, such as offsite shoots, remote studios, or department workgroups.

- Pegasus2 offers creative enthusiasts and professionals portable RAID storage for post-production and broadcasting, such as offsite shoots, remote studios, or department workgroups.

- SANLink2 Thunderbolt™ 2-to-Fibre Channel/ Ethernet bridge provides high-speed connectivity directly to a fibre channel SAN or ethernet for 4K applications.

- VTrak A3800 shared storage appliance is for simultaneous, collaborative multi-user 4K editing, for higher performance bandwidth.

End to End Rich Media Solution

UNSTRUCTURED DATA

OFFSITE INGEST & EDITING

DIGITAL ASSET MANAGEMENT

SCALE OUT TO 7PB

*Pegasus2: 1 user can write on a file at a time, multiple users can read.
 VTrak A-Class: Multiple users can write to the same file for true collaboration.

Pegasus2 Specifications

Model	Pegasus2 R8	Pegasus2 R6	Pegasus2 R4	Pegasus2 M4	Pegasus2 R2+
Model	24TB "Highest performance" 32TB "Highest capacity and protection"	18TB "Best value for performance, protection, and capacity" 12TB "Best value at lowest cost for both performance and protection"	8TB "Over two hours of uncompressed 4K footage"	4TB "Easy and light for portability and versatility" 2TB (4 x 500GB SSD)* Maximizes available bandwidth of Thunderbolt™ 2 at over 1300 MB/s	6TB "Easy to use and Versatile"
Form Factor	8-Bay hardware RAID enclosure	6-Bay hardware RAID enclosure	4-Bay hardware RAID enclosure	4-Bay hardware RAID enclosure	2-Bay hardware RAID Media Bay (SSD case, SSD reader, CF/CFast & SD card reader) enclosure
Interface	2x Thunderbolt™ 2 technology ports (20Gbps)				2 x Thunderbolt™ 2 ports 1 x USB 3.0 port
RAID Level	0, 1, 5, 6, 10, 50, 60	0, 1, 5, 6, 10, 50	0, 1, 5, 6, 10	0, 1, 5, 6, 10	0, 1
Compatibility	24TB (8x3TB) 32TB (8x4TB)	12TB (6x2TB) 18TB (6x3TB)	8TB (4x2TB)	4-Bay (2.5" drives) hardware RAID enclosure 2TB (4 x 500GB SSD)	6TB (2x3TB)
Dimensions	Height: 12.2 in / 31.0 cm Width: 7.3 in / 18.7 cm Length: 9.6 in / 24.5 cm	Height: 9.8 in / 25.1 cm Width: 7.3 in / 18.7 cm Length: 9.6 in / 24.5 cm	Height: 7.5 in / 19.2 cm Width: 7.3 in / 18.7 cm Length: 9.6 in / 24.5 cm	Height: 4.2 in / 10.7 cm Width: 5.0 in / 12.7 cm Length: 6.6 in / 16.7 cm	Height : 5.3 in / 13.48 cm Width : 7.3 in / 18.5 cm Length : 9.8 in / 24.95 cm
Weight	24.2 lb / 11 kg	20.1 lb / 9.1 kg	15 lb / 6.8 kg	5.5 lb / 2.9 kg	13.41 lb / 6.1 kg
Warranty	2-year warranty				
OS Support	OS X 10.8.5 or higher, Windows**				
Suggested HP Z Workstation	Z840 Desktop Workstation***	Z640 Desktop Workstation***	Z440 Desktop Workstation***	ZBook 17" Mobile Workstation	ZBook 15" Mobile Workstation

*Ships formatted as RAID0 for maximum speed for both read and write - not a tolerance against disk failure
**Comes pre-formatted HFS+. Download Windows driver at www.promise.com
***HP Thunderbolt-2 PCIe 1-port I/O Card PN: F3F43AA

Thunderbolt™ cable included Optional carrying case available

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