PROMISE TECHNOLOGY, INC.®

Pegasus2

⚡ **THUNDERBOLT**™

Prosumer RAID Desktop Storage

The world's first Thunderbolt™ 2 Hardware RAID Storage for Creative Professionals

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.

Highlights

- Supports maximum throughput allowed by Thunderbolt™ 2 interface.
- Expand storage capacity and backup for new Mac Pro or Windows 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.
- Essential to PROMISE's end-to-end 4K workflow environment.
- 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 the new Mac Pro

- Pegasus2 is the first Thunderbolt™ 2 storage launched with the new Mac Pro, which has two Thunderbolt™ 2 ports and comes in 4-bay, 6-bay, and 8-bay configurations.
- Storage capacity for massive 4K projects can be expanded by daisy-chaining multiple Pegasus2 systems.

Pegasus2 M4

"Pegasus2 for Portability"

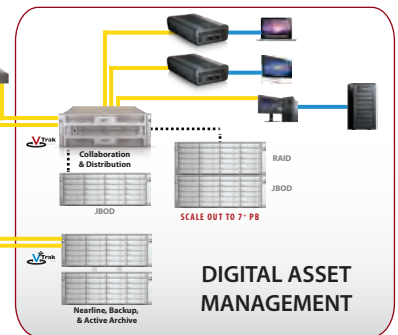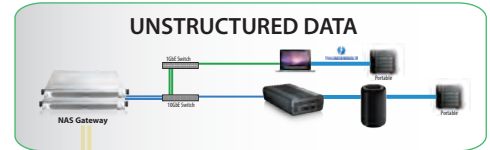The Pegasus2 M4, or Pegasus2 "Mini", is a 4-bay RAID 5/6 storage solution featuring 2.5" HDDs that is designed for users who require a portable, "on-the-go" solution in remote or offsite environments.

PROMISE Rich Media 4K Workflow

PROMISE offers a complete shared storage solution featuring Thunderbolt™ 2 for 4K environments through **Pegasus2**, **SANLink2**, and **VTrak A-Class**.

- Pegasus2 offers creative enthusiasts and professionals protable 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.

Sequential Editing (1 User at a Time)

Multi-User Collaboration (1-4 Users)

Multi-User Collaboration (4-10+ Users)

*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.

UNSTRUCTURED DATA

NAS Gateway

OFFSITE INGEST & EDITING

Mac Pro

THUNDERBOLT

SANLink2

Pegasus2

FC Switch

Collaboration & Distribution

JBOD

SCALE OUT TO 7˚ PB

RAID

JBOD

Nearline, Backup, & Active Archive

DIGITAL ASSET MANAGEMENT

Specifications

Model	Pegasus2 R8	Pegasus2 R6	Pegasus2 R4	Pegasus2 M4
	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"
Form Factor	8-Bay hardware RAID enclosure	6-Bay hardware RAID enclosure	4-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	0, 1, 5, 6, 10
Compatibility	24TB (8x3TB) 32TB (8x4TB)	12TB (6x2TB) 18TB (6x3TB)	8TB (4x2TB)	4TB (4x1TB)
Dimensions	Height: 12.2 in / 31.0 cm Width: 9.6 in / 24.5 cm Length: 7.3 in / 18.7 cm	Height: 9.8 in / 25.1 cm Width: 9.6 in / 24.5 cm Length: 7.3 in / 18.7 cm	Height: 7.5 in / 19.2 cm Width: 9.6 in / 24.5 cm Length: 7.3 in / 18.7 cm	Height: 4.2 in / 10.7 cm Width: 5.0 in / 12.7 cm Length: 6.6 in / 16.7 cm
Weight	24.2 lb / 11 kg	20.1 lb / 9.1 kg	15 lb / 6.8 kg	5.5 lb / 2.9 kg
Warranty	2-year warranty			
OS Support	OS X 10.8.5 or higher, Windows*			

*Comes pre-formatted HFS+. Download Windows driver at www.promise.com

Accessories

Thunderbolt™ cable included
Optional carrying case available

Related Products

SANLink2

SANLink2 8G Fibre Channel / 10GBase-T bridge— Bridging the fastest Thunderbolt™ 2 access to shared SAN storage over Fibre Channel or Ethernet.

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