

Case Study: Post Production



PROMISE
TECHNOLOGY, INC.

Kylie Flavell

Solution Summary

At A Glance

Creative Professional:

Kylie Flavell

Website: www.kylieflavell.com

Industry:

Editing and Post Production

Project Overview:

Kylie Flavell edits her food and travel shows with Thunderbolt 2 solutions from PROMISE and HP.

The Solution

- Pegasus2 M4 and R6 storage with HP Z820 Workstation

Benefits

- Incredible speeds - gets Kylie ahead of schedule and saves time
- 4K footage can be safely stored and edited with Pegasus2
- Excellent integration between HP and PROMISE
- Pegasus2's RAID engine provides enterprise-grade reliability

Gear List

- [PROMISE Pegasus2 R6 \(18TB\)](#)
- [PROMISE Pegasus2 M4 \(4TB\)](#)
- [HP F3F43AA Thunderbolt PCI-e Card](#)
- [HP Z820 Desktop Workstation](#)
 - Intel Dual Xeon E5-2680 processors
 - 256GB primary SSD
 - 3x 300GB SAS drives
 - RAID5
 - 64GB RAM
 - NVIDIA Quadro 6000 Graphics

It's all about Thunderbolt 2 for creative professionals



"Since I've been using the HP Z820 Workstation and PROMISE Pegasus2 workflow I've dramatically reduced my post production time and saved my footage safely without the stress of fearing I may lose months of footage from filming in countries all over the world. Thanks to the performance of Thunderbolt 2, I can edit quickly and efficiently before I jump on another flight out to film in a new country."

- Kylie Flavell, Filmmaker, Editor, Producer, Travel TV Host

Kylie Flavell

Kylie's love for film began when she majored in Neo-Realist Italian Cinema at university and grew even deeper when she ran away to live in Italy. After working as a producer and TV host and being told by camera crews and post production houses that how she wanted to make food and travel television was too ambitious and too expensive, she decided to teach herself how to do every aspect of the production from lighting and filming to editing and color grading.

While many people laughed at her naive plan to make a 13-part travel series completely alone filming everything herself and handling post production and distribution, Kylie was motivated by the intimacy and flexibility allowed in being the ultimate micro-indie. Her TV series is now selling into territories all over the world, and she is currently shooting a new series that has her in a different foreign country every month, which is reaching over a million views on YouTube per episode. She has hosted and produced seven travel shows, which air in 68 countries across networks including NatGeo and Discovery.





Kylie Flavell filming her latest travel show in London, England.



About Pegasus2 M4

- Mini Pegasus2 is a 4-Bay RAID 5/6 storage solution featuring 2.5" drives
- 4TB model offers portability for over an hour of uncompressed 4K footage
- 2TB SSD model (4 x 500GB SSD) maximizes available bandwidth of Thunderbolt 2 at over 1300 MB/s
- Designed for users who require a portable, "on-the-go" solution in remote or offsite environments
- Blistering performance for creative professionals creating high-resolution video and rich media content
- Video creators, photographers, graphic artists, and engineers alike can transfer and display 4K video files simultaneously at lightning speeds

Learn more: promise.com/pegasus2

"When you're a one-girl production company and doing everything alone, it's a challenge to multitask and the workflow of delivering content to a network would all collapse if I didn't have hardware and software that is 100% reliable, super fast and guaranteed to get me meeting my deadlines when I'm editing for 24 hours straight in order to make my next flight out of the country for the next episode," said Kylie Flavell.

Challenges & Solutions

Thunderbolt 2 Helps Kylie Overcome Time Pressure of Filming & Editing on the Road

With her equipment strapped to her back, she sets out to capture incredible experiences every day that show the beauty of people and places all around the world. However, constantly being on the road and filming means that Kylie works wherever possible – from airports to mountain tops – and she needed a stable and portable workflow that would help her work more efficiently.

The solution was found by leveraging Intel's Thunderbolt 2 technology. Running bi-directionally at 20Gbps, Thunderbolt 2 is a breakthrough technology for video creators and multimedia professionals allowing for simultaneous transfer and display of high-bandwidth video files. It has become an essential technology for creative professionals working in both OS X and Windows environments.

HP and PROMISE are strong market leaders within the media and entertainment market and are the leading providers of solutions with Thunderbolt 2. Creative professionals can build amazing editing systems with Thunderbolt 2 solutions from HP and PROMISE that deliver outstanding performance for even the most demanding projects. Kylie is editing all of her content in Adobe Premiere Pro with the powerful HP Z820 Workstation and PROMISE Pegasus2 R6 and portable Pegasus2 M4. Pegasus2 has been the storage solution of Kylie's choice since visiting the IBC show in Amsterdam 2014 where HP and PROMISE showcased the Thunderbolt 2 solutions in live workflow demonstrations at the Intel and PROMISE displays.

The Thunderbolt 2 connectivity of HP Z Workstations and PROMISE Pegasus2 is ideally suited to storing and editing SD, HD, 2K and 4K video with Adobe Premiere Pro. The solutions can handle the required capacity and performance requirements for creation, production, and distribution at higher bandwidths and they help Kylie simplify and accelerate her workflow so she can go full throttle and finish the project in time without worrying about waiting around.



HP Z820 Workstation



PROMISE[®]
TECHNOLOGY, INC.



PROMISE Pegasus2 R6



About Kylie Flavell

- Filmmaker, Editor, Producer, Travel TV Host
- Food and travel TV programs air in over 68 countries across Discovery, National Geographic, Sky, TLN, Fox Life and other networks
- Lived in nine different cities around the world and studied three foreign languages

Website: www.kylieflavell.com

Facebook: facebook.com/KylieFlavell

Instagram: instagram.com/kylieflavell/

Twitter: twitter.com/kylie_flavell

© 2015 PROMISE Technology, Inc. All Rights Reserved. PROMISE, the PROMISE logo, FileCruiser, VSky, VTrak, VTrak A-Class, VTrakFS, SmartStor, SuperTrak, FastTrak, VessRAID, Vess, PerfectFlash, HyperCache, HyperCache-R, HyperCache-W, GreenRAID and Pegasus are registered or pending trademarks of PROMISE Technology, Inc. in the U.S. and other countries. All other trademarks are the property of their respective owners. Information regarding products, services and offerings may be superseded by subsequent documents and are subject to change without notice.

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

Benefits

Performance, Simplicity, Flexibility

With HP Z Workstations and PROMISE Pegasus2 storage, Kylie Flavell is now able to edit the 4K footage she captures of her experiences no matter where she is working from thanks to the performance of Thunderbolt 2. Pegasus2 provides Kylie with enterprise-grade RAID protection and the Pegasus2 M4 provides her with the flexibility to work from anywhere, including the deserts of Morocco and the mountains of Canada.






When Kylie is not travelling and filming shows around the world, the majority of her editing is done at her home office. Kylie's editing suite at her home office is super charged by daisy chaining Pegasus2 R6 and M4 storage with a HP Z820 Workstation with the HP Thunderbolt 2 card. It's a perfect combination that offers exceptionally fast connectivity which enables Kylie to push the limits of her creativity.

"Every spare moment I have, I am learning how to bring more to my filming and editing. I'm in airports researching online how to teach myself to rotoscope or in tiny hotels in little foreign villages with horrible wifi trying desperately to watch tutorials to learn how to best to shoot in the weather conditions for the following day. Technology is changing so quickly and I feel like if you're not curious, open-minded and willing to be a perpetual student of filmmaking then you will fall behind. What I want to ensure with the hardware that I use is that I'm not needing to upgrade every six months or not limited in any way creatively from experimenting with new types of filmmaking that might require more power or storage space. I edit everything on the HP Z820 with an NVIDIA K6000 graphics card with a Promise Pegasus2, which is the fastest Thunderbolt2-enabled hardware RAID storage you can get. And it means that as I grow creatively and want to expand my work and my business, I'm set with the best machines in the market to make sure the sky's the limit."

The HP Lab has tested the PROMISE Pegasus2 series at Fort Collins, Colorado.



Pegasus2 Specifications

	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

Related Products

SANLink2



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

VTrak
A-Class



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



Contact Us