PROMISE® TECHNOLOGY, INC.

Vess R2600 PRO

Cost effective storage for multi-user rich media compressed workflows
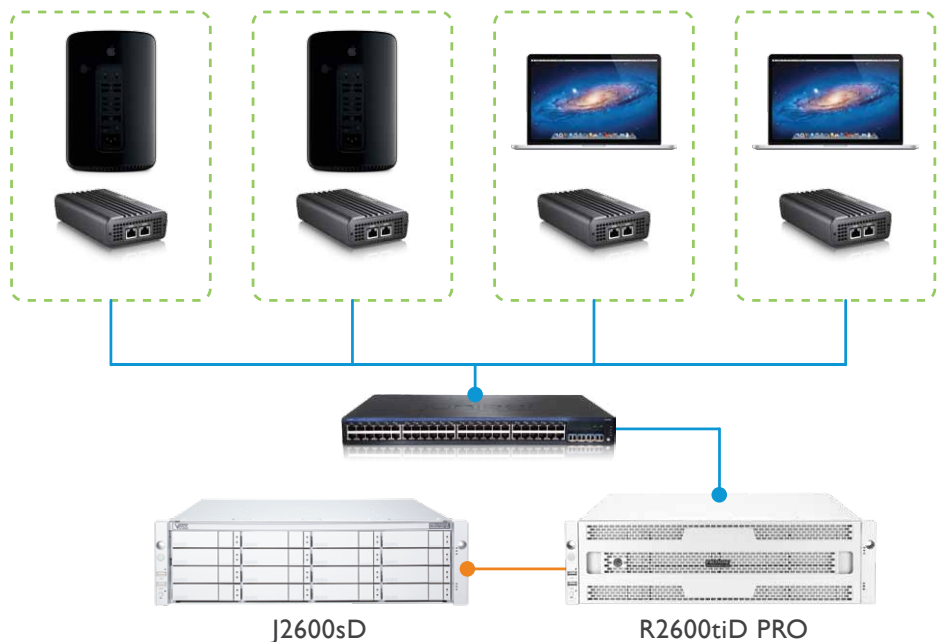
Highlights

- High availability dual controller design with 1Gbps and 10Gbps host connect ports

- Offers Ethernet based client OS support for Mac, Windows and Linux

- Ideal for rich media IT management or compressed video workflows for post production applications

- Perfect for end- to-end compressed workflows ex. ingest, edit, deliver or archive content

- Scale up to 112 hard disk drives via Vess J2000 series expansion units

- Supports NFS, CIFS/SMB, AFP, FTP, WebDAV, iSCSI protocols

- Features replication and backup; supports Active Directory

vmware READY

CITRIX ready™

Windows Server 2012 Certified

DataCore SOFTWARE READY

BC AWARD Golden Award 2013

Fast, Reliable & Cost-Effective NAS for Rich Media Applications

Vess R2600 PRO is a fast, reliable and cost effective storage solution for multi-user rich media compressed workflows. Delivering multi-user scale up capability and fast NAS connectivity via dual active 10Gbit Ethernet controllers, Vess R2600 PRO is ideal for compressed workflows using popular non-linear editors such as Adobe® Premiere® Pro CC and Apple Final Cut Pro X. Vess R2600 PRO is optimized for end-to-end workflows, making it ideal for mid-sized businesses requiring a rich media NAS solution that delivers enterprise RAID reliability and performance, no matter whether they are ingesting, editing, delivering or archiving content.
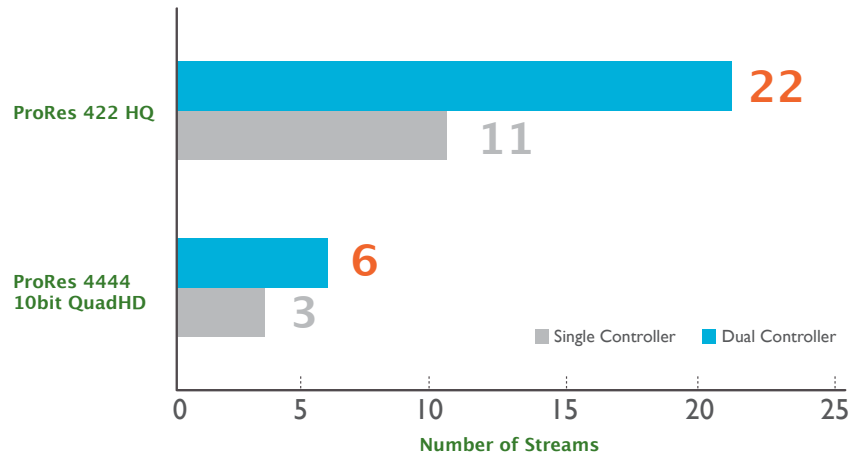
Audio and Video Optimized

As the consumerization of IT proliferates into the datacenter, the use of video is becoming more pervasive. IT managers need a way to not only manage this data over time, but effectively allow users to access and distribute. The Vess R2600 PRO is the perfect fit as it is an ideal content distribution solution for many small unstructured data media files.

J2600sD   R2600tiD PRO

Rich Media Streaming

Vess R2600 PRO is an ideal file-sharing NAS solution and ideal for working on real time compressed video workflows using Apple Final Cut Pro X and Adobe Premiere Pro CC. Vess R2600 PRO can support up to 22 ProRes streams (ProRes 422 HQ [1080 at 29.97fps] can do 6 streams of 4K ProRes (PreRes4444 10bit QuadHD [3840x2160 @23.98fps]).

Number of Streams

ProRes 422 HQ — 22 (Dual Controller), 11 (Single Controller)

ProRes 4444 10bit QuadHD — 6 (Dual Controller), 3 (Single Controller)

Legend: ■ Single Controller ■ Dual Controller

NOTE:
• Vess R2600 PRO video performance playback test results are provided as a test-lab result with Apple Final Cut Pro X software performed by PROMISE. The model used was a 10Gb storage system with 16GB memory per controller and fully loaded HGST hard disk drives at RAID5 configuration. For more audio and video loads streaming test configuration, please visit our website.
• iSCSI is not used in performance test.

Vess R2600 PRO Specifications

	Vess R2600ti PRO	Vess R2600xi PRO
Model		
Product Category	NAS/IP SAN Storage	NAS/IP SAN Storage
Availability	Released	Released
Form Factor	3U16, 19 rackmount	3U16, 19 rackmount
Controller	R2600tiS PRO (Single) R2600tiD PRO (Dual)	R2600xiS PRO (Single) R2600xiD PRO (Dual)
Drive Support	SAS/SATA 6Gb/s	SAS/SATA 6Gb/s
Cache Memory per Controller	16GB	16GB
Max. # of HDDs Supported	112	112
Host Connect Interface (per controller)	2x 10Gb (BASE-T) 4x 1Gb	2x 10Gb (SFP+) 4x 1Gb
Protocol Support	NFS, CIFS/SMB, AFP, FTP, WebDAV, iSCSI	NFS, CIFS/SMB, AFP, FTP, WebDAV, iSCSI
RAID Levels	0, 1, 1E, 3, 5, 6, 10 (0+1), 30, 50, 60	0, 1, 1E, 3, 5, 6, 10 (0+1), 30, 50, 60
Power Supply	500W (Three redundant 250W N+1 design)	500W (Three redundant 250W N+1 design)
Dimensions (HxWxD)	131 x 447 x 507 mm (5.1 x 17.6 x 20 in)	131 x 447 x 507 mm (5.1 x 17.6 x 20 in)
Weight	31.3 kg (69 lbs) w/ drives	31.3 kg (69 lbs) w/ drives
Warranty	3 years standard warranty 24 x 7 web and phone support with PROMISE Service PLUS - onsite replacement included. Optional support uplifts available: 4-hour PSP upgrade	
Support	Support 24 x 7 web and phone support Support website - drivers, firmware, knowledge base, and downloadable compatibility reports Online product registration and seamless license activation	

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