

Key Features

Powerful Active SAN Platform

Features two 16Gb/s Fibre Channel storage controllers running in active-active performance mode for high resolution 4K/5K capture, editing, grading and visual effects creation.

Enterprise-Class Reliability

The DS240 offers the highest level of reliability and scalability for mission critical media and broadcast applications. Redundant, load-balancing components deliver uninterrupted media availability.

Lower Storage Costs

Increase DS240 storage capacity by adding low-cost JBOD expansion enclosures.

VMware Certified Solution

DS240 is a VMware VSphere 5 certified solution for seamless integration with virtual and cloud computing environments. Accelerate applications and VDIs with high I/O SAS SSD storage.

Recommended for:

- Filmlight Baselight
- Davinci Resolve
- Autodesk Smoke, Flame
- SGO Mistika
- Digital Vision Nucoda
- Assimilate Scratch
- Side Effects Houdini
- Colorfront On-Set Dailies
- RED Cine-X Pro
- Adobe Creative Cloud (4K)
- Final Cut Pro X (4K)

Accelerated SSD storage infrastructure for 4K workflows

DS240, the center of your creative process

The DS240 features a powerful, new hardware design adding density and performance in a small rack-ready package. Spend more time driving your creative business and less time molding computer technology to meet your unique workflow demands. Empower your workstation with the speed and reliability needed for today's high-resolution post production and VFX workflows. Achieve smooth, real-time playback of complex visual effects compositions, preview projects at full native resolution and gain higher track counts in the edit process - all while enjoying fail-safe RAID protection of your most valuable digital assets.

Create, grade and render 4K media

Supercharge your workflow with a storage solution that is ready for any project. With a sustained throughput of up to 3,500MB/s (RAID 5), the DS240 unlocks your workstation's true creative potential by giving facilities the option to take on a wider range of projects, formats and possibilities. From HD to 4K, the DS240 is the best storage solution for high resolution media formats such as DPX, RED R3D, ARRIRAW, Cinema DNG, uncompressed HD 4:4:4 and more. Create, grade and render with total confidence knowing your system is ready to meet the demands of your next big project.

Enterprise reliability for the creative business

At the heart of DS240F8 is lies the industry's most dependable RAID technology. Designed to meet the high demands of professional users, the DS240F8 represents Proavio's commitment to the cinema, broadcast, pro audio and VFX communities. The DS240F8 incorporates next generation RAID technology with powerful active-active storage engines that deliver unimpeded performance and reliability - critical in today's fast-paced post production environments. Proavio has been an integral part of leading post production and broadcasters worldwide, including FOX, NDR, Industrial Color, HBO, SONY and ABC.

Thunderbolt-ready solution

Proavio has partnered with ATTO Technologies, the industry's leading connectivity experts, to offer instant compatibility with today's Apple and Thunderbolt equipped systems. DS240F8 users can take full advantage of Proavio FC SAN storage solutions without compromising reliability or performance. Connect FC and Thunderbolt users to one centralized cost-effective solution.



DS240 Series Technical Specifications

	DS240FS	DS240JS
Max. Raw Capacity	192TB ^[1]	192TB ^[1]
Max. Drives	120 ^[2]	120 ^[2]
Form Factor	Dual (2) 16G FC Controllers 24-Disk, 2 RU	SAS JBOD Array for PCI-e RAID 24-Disk, 2 RU
Memory	16G (8GBx2)	-
Data I/O Ports	(4) SFP, 16G FC	(3) SFF8088 6G SAS
Disk Support	<ul style="list-style-type: none"> ● 6G 10K SAS (2.5") ● 6G/12G SAS SSD (2.5") 	<ul style="list-style-type: none"> ● 6G 10K SAS (2.5") ● 6G/12G SAS SSD (2.5")
Storage Protocols	16G Fibre Channel	6G SAS
RAID & Volume	<ul style="list-style-type: none"> ● RAID level 0 (0+1) 5, 6 & JBOD ● Multiple array support ● Hot-swap drive support ● Global & dedicated spare drive assignment ● Online volume expansion 	<p>* With Optional PCI-e RAID Controller</p> <ul style="list-style-type: none"> ● RAID level 0 (0+1) 5, 6 & JBOD ● Multiple array support ● Hot-swap drive support ● Global & dedicated spare drive assignment ● Online volume expansion
High Availability	<ul style="list-style-type: none"> ● Dual-active RAID controller ● Flexible RAID group ownership management ● Multi-path & Load-balancing support 	NA
Infrastructure Support	Direct Attached or SAN	Direct Attached
Host OS Support	Windows 7, Windows Server 2012, Windows Server 2008, Linux, Mac OS X, VMware® VSphere/ESX	
Performance	Up to 3,500MB/s	
Hot-swap Power	(2) 400W, 80 PLUS, load-balancing, hot-swap power modules	
Power Requirements	90~264 VAC 7.5A~4A, 47Hz~63Hz (each module)	
System Cooling	(2) Hot-swap smart fan modules	
Operating Temperature	50°F ~ 104°F	
Relative Humidity	10% ~ 85% Non-condensing	
Weight	44 lbs (32 lbs without disk drives)	
Dimensions	(L) 22" x (W) 19" x (H) 3.5"	
Compliance	RoHS, CE, TUV, FCC	

^[1] Usable capacity will vary with filesystem and RAID settings ^[2] Based on (1) DS240 storage system and (4) DS240JD JBOD expansion Arrays



Learn more

Go to <http://www.proavio.com/> to find out more about PROAVIO® storage products and solutions.

How to buy

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