

Designed for Video Editing Professionals



NEW

PRO DQ

THE Fastest RAID 3/5/6 Protected Storage

660 MB/s RAID 0

570 MB/s RAID 5



A new glossy brushed aluminum appearance.

SWEET PRICE

Fast is good, RAID protection is better, and a sweet price on top of that - it is now perfect.

Using the most cost-effective technology Dulce Systems offers a complete turn-key storage solution for the video and creation professionals. Everything is supplied to connect to your editing computer. One source for your storage solution and one source for support.

The new PRO DQ is the fastest, most protected and sweetly priced disk storage you can have - it is a perfect world!

FASTEST

The new PRO DQ is the fastest RAID protected storage you can have. The proven RAID engine of our original Duo Quad had been retuned to provide more horsepower than ever. In RAID 3 or 5 protected mode, the PRO DQ can pump out over 570 MB/s sustained. Want to run faster? Configure the RAID engine to RAID 0 mode and the PRO DQ will scream at over 660 MB/s.

RAID PROTECTED

The truth is, disk drives will fail, and they will fail at just the worst time. Don't give it a chance to ruin your day. RAID 3, 5 or 6 protection schemes are the most cost-efficient approach to insuring workflow continuation. Should a drive fail during your last render before your final tape out, don't sweat it, the hardware RAID protection will keep your workflow going even with one or more drives down.

www.dulcesystems.com

818-435-6007



Dulce Systems is pleased to provide to the innovative artists more freedom to make creative decisions on time and on budget. Dulce Systems is the ideal storage provider for independent artists and full-service post houses alike.



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SPECIFICATIONS

PRO DQ	
Model (Capacity)	PDQ2000 (2000 GB) PDQ2560 (2560 GB) PDQ4000 (4000 GB) PDQ6000 (6000 GB) PDQ8000 (8000 GB)
Disk Drives (3.5")	8 hot swappable
Interface	PCI-express (x8) RAID Controller with two Quad Channel SATA II.
RAID Level	Hardware RAID 0,1,3,5,6, JBOD, hot spares. Auto insert/remove detection. Instant availability/background initialization. >2TB support.
Memory	256MB ECC
Real-time Playback	RAID 0: 2 HD, 15 ProRes, 14 SD, 2K Film. RAID 3 and 5: 1 HD, 12 ProRes, 12 SD, 2K Film.
Data Rate	RAID 3 and 5: 570+ MB/s RAID 0: 660+ MB/s, RAID 6: 460+ MB/s
Compatibility	Mac OS X, Windows 2000/XP/Server 2003/Vista, Linux. AJA, Blackmagic, and other popular capture cards.
Plug and Play	Pre-formatted for OS X. Mounts on desktop on 1st hookup.
Electrical	95V–265V, 47-63HZ, auto range.
Current	Idle: 70W, Read/Write: 120W, Max: 200W
Physical	Mini Tower
Dimensions L" x W" x H"	11.5 x 5.8 x 14.7
Weight	26 lbs.
Environmental	Operating 41 to 104F (5 to 40 C) Non-operating -40 to 158 F (-40 to 70 C)
Humidity Relative	Operating 5 to 80% Non-condensing Non-operating 5 to 95% Non-condensing
Warranty	42 months (if registered within 30 day of purchase, else 36 months).
Accessories	PCI-express x8 RAID controller, Power cord, Quad Channel SATA II cable, Installation & User's Manual.
Appearance	Glossy brushed aluminum

System Requirements:

Apple Mac Pro - One available PCI-e x8 slot.
Apple Power Mac G5 (later model with PCI-e slots) - One available PCI-e x8 slot.
Windows-based compatible PC with one PCI-e x8 slot.
Apple OS X 10.4 or higher, Microsoft Windows XP, Vista, Server.

Features:

- Mac and Windows Compatible.
- Final Cut Studio, Premiere and other popular editor certified.
- ProRes 422, DV, DVCPRO HD, uncompressed SD/HD, 2K Film formats.
- Multiple real-time streams.
- RAID 1/3/5/6 protection against drive failures.
- PCI-e controller supplied.
- Eight high performance 3Gb/s SATA disk drives.
- Up to 8TB of useable storage in RAID 0, 7 TB in RAID 3/5.
- GUI RAID Console management and e-mail event notification.
- Enclosure management.
- Quiet and effective cooling fans.
- Expandable with Dulce's PRO Switch expander.
- 42 months warranty. Industry's longest.

AJA System Test
PRO DQ - 8TB RAID 3 or 5 - Mac Pro

Blackmagic Design Disk Speed Test
PRO DQ - 8TB RAID 3 or 5 - Mac Pro

10 Bit YUV 4:2:2 Frame Rates			12 Bit RGB 4:4:4 Frame Rates		
	Disk Read	Disk Write		Disk Read	Disk Write
HDTV 1080 fps	108	106	HDTV 1080 fps	63	62
HDTV 720 fps	244	240	HDTV 720 fps	142	140
NTSC fps	645	632	NTSC fps	376	369
PAL fps	544	533	PAL fps	317	311