Dulce Systems introduces a series of video storage solutions for the video editing and content creation professional.

Features & Cost:

Ranging from a cost effective Firewire/USB portable storage device to the more demanding uncompressed HD or DI desktop solution, all Dulce Systems storage units are fully loaded with the latest RAID options and yet available for a budget-minded post production or creative house. You will also fall in love with our stylish and functional enclosure, it is like no other in the industry.

Reliability & Performance:

Our feature rich products are also backed by an unmatched warranty in the video storage industry. With total commitment to quality and reliability Dulce Systems confidently offers the Quad and Duo Quad solutions with the industry's longest 42 months warranty and the Duo with a 36 months warranty.

Designed with video editing and content creation in mind, all the Dulce Systems storage solutions are guaranteed to work with Apple's Final Cut Pro and Adobe's Premiere Pro as well as other standard industry video editing, creation, and rendering applications. We support the specified video resolutions and data rate required to deliver consistent and reliable video playback and capture either in multiple streams of DV / DVCPRO / SD / HD or 2k film.

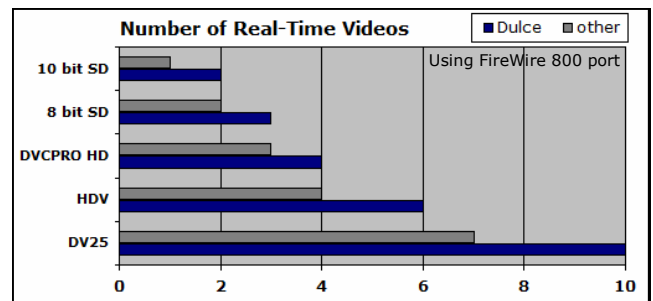### DUO   *Faster and more features*

Dulce Systems Duo is available in two flavors: the Duo-FireWire and the Duo-eSATA. Both are compatible with Apple's desktop/notebook computers and Windows compatible machines. The Duo-FireWire is equipped with the fastest FireWire 800 interface (over 80MB/s) and a USB 2.0 interface. The Duo-FireWire is fully loaded with all the RAID features; RAID 0 striping for speed; RAID 1 mirroring for redundancy; Span for simplicity and JBOD for flexibility. The Duo-eSATA offers direct attach using external eSATA interfaces connecting the drives directly to an eSATA host adapter at a blazing speed of over 130MB/s.

The Duo is perfect for multiple DV and SD streams. It is the ideal choice for video professionals who require performance, reliability & portability at a budget-minded price.

Number of Real-Time Videos — ■ Dulce ☐ other

Using FireWire 800 port

Format	Dulce	other
10 bit SD	2	1
8 bit SD	3	2
DVCPRO HD	4	3
HDV	6	4
DV25	10	7

QUAD and DUO QUAD   *Faster than SCSI, cost less than SCSI and Fibre*
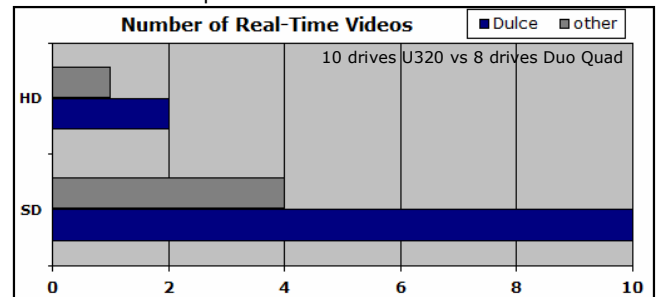
The stylish Quad and Duo Quad are bundled with a PCI-e or PCI-x host side RAID controller complete with cables, drives - everything necessary to be incorporated into a Mac or a Windows PC for video editing, rendering, and creation applications. The Quad and Duo Quad is fully loaded with all the latest RAID features; from the latest RAID 6 double disk drive protection enhancements to the traditional RAID 0 striping for maximum speed; RAID 1 mirroring for maximum disk protection; RAID 3 and 5 single parity disk protection; and JBOD are all standard user configurable options.

The Quad preloaded with 4 disk drives is ideal for multiple streams of SD work to occasional HD productions, where the Duo Quad with 8 disk drives provides for the best capability for high-end multiple steams HD or 2k film workflows.

The Quad and Duo Quad are ideal for serious video professionals where a budget-minded price does not compromise performance, reliability and features.

Number of Real-Time Videos — ■ Dulce ☐ other

10 drives U320 vs 8 drives Duo Quad

Format	Dulce	other
HD	2	1
SD	10	4

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.

	Duo FireWire	Duo eSATA	Quad-e	Quad-x	Duo Quad-e	Duo Quad-x
Model (Capacity)	Df500 (500 GB)	De500 (500 GB)	Qe1000 (1000 GB)	Qx1000 (1000 GB)	DQe2000 (2000 GB)	DQx2000 (2000 GB)
	Df640 (640 GB)	De640 (640 GB)	Qe1280 (1280 GB)	Qx1280 (1280 GB)	DQe2560 (2560 GB)	DQx2560 (2560 GB)
	Df800 (800 GB)	De800 (800 GB)	Qe1600 (1600 GB)	Qx1600 (1600 GB)	DQe3200 (3200 GB)	DQx3200 (3200 GB)
	Df1000 (1000 GB)	De1000 (1000 GB)	Qe2000 (2000 GB)	Qx2000 (2000 GB)	DQe4000 (4000 GB)	DQx4000 (4000 GB)
Disk Drives (3.5")	2 fixed	2 fixed	4 hot swappable	4 hot swappable	8 hot swappable	8 hot swappable
Interface	FireWire 800 (x2), USB 2.0. Compatible with FW 400 and USB 1.0	eSATA (x2)	PCI-express (x8) RAID Controller with Quad Channel SATA II.	PCI-x 64bit/133MHz RAID Controller with Quad Channel SATA II.	PCI-express (x8) RAID Controller with two Quad Channel SATA II.	PCI-x 64bit/133MHz Controller with two Quad Channel SATA II.
RAID level	RAID 0,1, Span, JBOD	JBOD, OS RAID	RAID 0,1,3,5,6, JBOD, hot spares. Auto insert/remove detection. Instant availability/background initialization. >2TB support.			
Memory	26KB	Host	256MB ECC	256MB ECC	256MB ECC	256MB ECC
Real-time Playback	RAID 0: 10 DV, 3 SD		RAID 0: 1 HD, 7 SD RAID 3: 1 HD, 5 SD		RAID 0: 2 HD, 10 SD, 2k film RAID 3: 1 HD, 8 SD, 2k film	
Data Rate	RAID 0: over 80 MB/s	RAID 0: Over 130 MB/s	RAID 0: over 260 MB/s RAID 3: over 200 MB/s		RAID 0: over 410 MB/s RAID 3: over 360 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 in RAID 0 for maximum speed and capacity. Mounts on desktop on 1st hookup.					
Electrical	100V—240V, 50-60HZ, auto range		95V—265V, 47-63HZ, auto range			
Current—idle	17.5 W	17.5 W	35 W	35 W	70 W	70 W
read/write	30 W	30 W	60 W	60 W	120 W	120 W
max	50 W	50 W	100 W	100 W	200 W	200 W
Physical	Portable	Portable	Desktop	Desktop	Mini Tower	Mini Tower
Dimensions L" x W" x H"	9.8 x 5.1 x 4.9	9.8 x 5.1 x 4.9	11.5 x 5.8 x 8.8	11.5 x 5.8 x 8.8	11.5 x 5.8 x 14.7	11.5 x 5.8 x 14.7
Weight	10 lbs	10 lbs	16 lbs	16 lbs	26 lbs	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	36 months	36 months	42 months (if registered within 30 day of purchase, else 36 months).			
Accessories	Power module, FW800/400, USB 2.0 A/B cables. User's Guide.	Power Module, 2 x eSATA cables. User's Guide.	PCI-express or PCI-x RAID controller, Power cord, Quad Channel SATA II cable(s), Quick Install Guide, User's Manual / Install CD.			

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