

# V Series

## IP SAN D2D2T Backup



Combine the lightning fast speed of disk-to-disk backup with the security of point in time removable archives, add the fantastic flexibility of IP SAN storage networking, and you have the new miSAN™ V Series backup solution.

Cybernetics' miSAN™ is a breakthrough in disaster recovery and business continuity. Simply connect miSAN™ to your Ethernet network and give it an IP address for enterprise-wide access to centralized data backup and restore. This innovative D2D2T solution incorporates tape virtualization for compatibility with off-the-shelf backup software, and for security against the malicious attacks that can threaten disk storage. The virtual tape library support automates backup for days, weeks, or months without intervention. An exclusive offload feature allows you to attach an external tape drive or library for serverless archival to removable tape media. miSAN™ overcomes every obstacle to disk-based backup to deliver an incredibly secure backup strategy, all at tremendous cost savings.

Our new miSAN™ V Series solutions are available with an integrated tape drive for serverless tape export for off-site archives. Just 2U of rack space includes a disk-based virtual tape library with up to 6 TB, plus easy export of 400 GB - 800 GB per removable tape media.

Optional 2x Compression

Optional Compression Encryption

Serverless Archive To SCSI Tape  
Or USB Disk

SCSI Ports For Direct Attached Host  
Connectivity And Archive Tape Libraries

Easy Swap Removable  
Tape Drive Option

Licensing For Six Virtual Tape Libraries

SATA II Backplane

Interface To Network UPS Eliminates  
Data Corruption Due To Power Failure



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NEW!

# miSAN™ V Series

## D2D2T Backup Solutions



	T12	T9	T6	T4	T2	T1
Raw Capacity	12 TB	9 TB	6 TB	4 TB	2 TB	1 TB
RAID 5 + Hot Spare Capacity	10 TB	7.5 TB	4.5 TB	3 TB	1.5 TB	500 GB
Disk Drive bays	12	12	8	8	8	8
Tape Offload	Externally Attached SCSI Tape Drives And Libraries					
Transfer Rate	200 MB/s					
Disk Drives	3.0 gb/s Serial ATA II with NCQ and SMART					
RAID Levels	0, 1, 10, 5, 50 + Hot Spare					
Hot Swap And Redundant	Power Supplies, Disk Drives					
Power Supply	650W, 2+1	650W, 2+1	Dual, 460w	Dual, 460w	Dual, 460w	Dual, 460w
Cache	2 GB	2 GB	512 MB	512 MB	512 MB	512 MB
Cache With Encryption	2 GB					
System Type	3U Rackmount	3U Rackmount	2U Rackmount	2U Rackmount	2U Rackmount	2U Rackmount
SCSI Interface	Dual LVD SCSI Ports					
Network Interface	4 GbE, 1 mgt.	4 GbE, 1 mgt.	3 GbE	3 GbE	3 GbE	3 GbE
Electrical	249 watts max, 100-240 VAC					



## miSAN™ V Series With Integrated Tape

	T6/AIT-5	T4.5/AIT-5	T4.5/LTO-2	T3/AIT-5	T3/AIT-3	T1.5/AIT-5
Raw Disk Capacity	6 TB	4.5 TB	4.5 TB	3 TB	3 TB	1.5 TB
RAID 5 + Hot Spare Capacity	4 TB	3 TB	3 TB	2 TB	2 TB	1 TB
Integral Tape Formats	AIT-5 (Easy Swap)	AIT-5 (Easy Swap)	LTO-3	AIT-5 (Easy Swap)	AIT-3 (Easy Swap)	AIT-5 (Easy Swap)
Integral Tape Capacity	400 GB - 800 GB	400 GB - 800 GB	400 GB - 800 GB	400 GB - 800 GB	100 GB - 200 GB	400 GB - 800 GB

### Environmental

Maximum Ambient Temperature	< +30° C ( < +86 ° F )
Operating Temperature	+5° C to +55 ° C ( +41 ° F to +158 ° F )
Non-Operating Temperature	-40 ° C to +70 ° C ( -40 ° F to +158 ° F )
Operating Shock	10 Gs
Non-Operating Shock	75 Gs
Altitude	10,000 feet

### Plug Compatible With:

AIX	Mac OS	Tru64
HP-UX	Netware	VMS
IRIX	OS/400	Windows
Linux	Solaris	and More



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