

iSAN V 2108L Series

High Performance Virtual Tape Library

Up To 750 MB/s

2.7 TB/Hour



Cybernetics' Virtual Tape Libraries are designed to eliminate the challenges you face in archiving and protecting your valuable data. Our units are incredibly easy to install, manage, scale, and will adapt as your network changes.

The iSAN® V 2108L Virtual Tape Library is a powerful small business backup solution with up to 80 TB of raw, native capacity. Utilizing existing tape backup software, the iSAN® VTL consolidates backup across any mix of operating systems with support for iSCSI, FC, SAS, and legacy SCSI host systems. The iSAN® V 2108L can receive backups at up to 750MB/sec, making it an excellent choice for demanding backup requirements. Available with 1 GbE, 10 GbE, 8G Fibre Channel, or SCSI option, iSAN® 2108L Series delivers all the benefits of virtualization, data deduplication, and performance at a surprisingly competitive price.

Deduplication



Cybernetics' optional powerful data deduplication engine has extreme processing power to reduce data at typical ratios of 50:1 to 200:1, without risking data integrity due to hash collisions. Exceptional data reduction makes a replicating pair of iSAN® VTLs at remote locations the ultimate disaster recovery solution.

Tape Offload



Virtual tapes can be selectively archived to removable tape media in a completely serverless, background mode. All tape archives are universally compatible and recoverable without the presence of a VTL. When you're ready to move data off disk for long term archival storage, the Tape Offload feature will write to removable tape in serverless mode - with absolutely no impact on your host or network operations.

Up to 750 MB/s (2.7 TB/Hour)**Up to 8 disk drives, per chassis, scalable****Optional deduplication reduces backup space typically by 50:1 to 200:1****Highly efficient replication requires less bandwidth****Industry's best VTL dedupe ratios****No dedupe hydration penalty means faster restores****Consolidates all your backups cost effectively****Easy management, set and forget**

Available with
SATA, SSD,
and SAS
Hard Disks

Single Controller



Disk Drive bays	8 - 3.5" Bays
Scalable	1 head unit plus 2 expansion units
Transfer Rate	750 MB/s
Disk Drives	SATA, SAS, SSD
RAID Levels	0, 5, 6
Hot Swap/Redundant	Power Supplies, Disk Drives
Controllers	1
Dedicated I/O Cache	16 GB
System Type	Standard 2U Rackmount
Network Interface	Two 1 GbE Ports (1 Admin Port, 1 Data Port), Two USB-2 Ports
Power Supply	Dual 700w @ 110-140VAC Auto-Switching
Electrical	47-63 Hz 15-7.5A
Power Consumption	244 watts average
Heat Output	834 BTU/HR average
Operating Temperature	+5° C to +55° C (+41° F to +131° F)
Non-Operating Temperature	-40° C to +70° C (-40° F to +158° F)
Max. Ambient Temperature	< +30° C (< +86° F)
Weight	58 lbs.

iSAN V Series, The Right Virtual Tape Library Solution

- Saves time by backing up to fast disk arrays (up to 750 MB/s)
- Encrypt data on the VTL and on media
- Centralizes all your backups with a single device
- Scalable, easily expand SSD and/or SAS storage using expansion cabinet
- Control operations with flexible options
- Impervious to virus attacks
- Optional deduplication reduces backup size (50:1 typical)
- Simultaneous output to multiple tape drives/libraries
- Copy archival tapes to new tape devices/formats
- Lifetime technical support - US-based call center

Compatible with:

IBM i:	Open Systems:
SAVSYS	Arcserve
Option 21/IPL	BackupExec
BRMS	Commvault
Tivoli	Netvault
Robot Save	Netbackup
	Veeam
	Many more