

miSAN D Series

iSCSI SAN Storage



Cybernetics' miSAN D Series with SANDR Affordable, Self-Protecting iSCSI SAN Storage

The popular miSAN D Series SAN storage solution by Cybernetics is the perfect fit entry-level network storage solution for your company's growing storage needs. A powerful GUI drives our exclusive performance engine, SANDR 5.0, with easy to use features that will give you total control of your storage operation, and error notifications, visually and to email or mobile device via SNMP. Like all Cybernetics' SAN network storage solutions, it's loaded with onboard data protection features like snapshot backup, portable disk backup, tape backup and encrypted and deduplicated WAN replication. For high availability, two units can provide automatic failover with no single point of failure.

No other SAN storage solution can match the price-performance of the miSAN D Series. Within the reach of most IT budgets, it can pay for itself instantaneously through virtualization and third party software savings alone.





miSAN D Series

iSCSI SAN Storage



24 bay models

	D24/T96	D24/T72	D24/T55.2	D24/T48	D24/T43.2	D24/T31.2	D24/T24	D24/T14.4	D24/T10.8
Raw Capacity	96 TB	72 TB	55.2 TB	48 TB	43.2 TB	31.2 TB	24 TB	14.4 TB	10.8 TB
Usable Capacity	88 TB	66 TB	46 TB	44 TB	36 TB	26 TB	22 TB	14 TB	10 TB
Transfer Rate	500 MB/s								
Cache Memory	8 GB								
System Type	4U Rackmount - 26.4" x 16.9" x 7" (please allow 3" for cable clearance)								
Network Interface	Four 1 GbE Ports, one 1 GbE management port, two mini-SAS device/host ports, USB, eSATA and SNMP Ports.								
Disk Interface	SATA	SATA	SATA/SAS	SATA	SATA/SAS	SATA/SAS	SATA	SAS	SAS
Hot Swap & Redundant	Power Supplies, Disk Drives								
Power Consumption	554 watts average								
Drive Failure Notification	Email, text notification, audible and LED indicators								
Power Supply	960w, 1+1								
Weight	108 lbs.								

Live Network Storage

iSCSI SAN – The most efficient kind of storage – block level SAN storage.

Fast transfer rates – Up to 500 MB/s.

Exceptional performance – 150,000 IOPS.

Scalable – Supports up to 8 modules in a single SAN for expanding capacity.

Dynamic LUN Provisioning – Add capacity to any server or application on the fly.

Dynamic Snapshot Provisioning – Expand size of snapshot area, or migrate online disk backup to second tier storage.

Reliable – RAID 0, 1, 10, 5, 6, 60, 50.

Connectivity – Five 1 GbE ports.

Layered Data Protection

Snapshot Backup – Mountable points for recovery or rollback.

Disk Backup – Create mountable disk volumes on portable disks.

WAN Replication – Automated, deduplicated and encrypted remote disaster recovery backup.

High Availability – Hardware level mirroring and automatic failover with no single point of failure.

Operating System Compatibility

- AIX 5.3 and higher
- HPUX 11.11 and higher
- Linux
- Netware 6.5 SP6+
- MAC Leopard (with initiator)
- Solaris 10.X and higher
- Windows 7, 2000, 2003, 2008, XP, and higher

Special Applications Compatibility

- VMware ESX Server 3.5, 4.X, 5.x
- vSphere 4
- Xen
- HyperV
- SQL Database
- Oracle Database
- Microsoft Exchange

iSCSI Initiator Compatibility

- Microsoft iSCSI Software Initiator
- Linux Open-iSCSI Initiator
- Novell iSCSI Initiator for Netware

Call Today! 585-254-1966 ext. 7323



24 bay models

16 bay models

12 bay models

8 bay models



miSAN D Series

iSCSI SAN Storage



16 bay models

	D16/T64	D16/T48	D16/T36.8	D16/T32	D16/T28.8	D16/T20.8	D16/T16	D16/T9.6	D16/T7.2
Raw Capacity	64 TB	48 TB	36.8 TB	32 TB	28.8 TB	20.8 TB	16 TB	9.6 TB	7.2 TB
Usable Capacity	56 TB	42 TB	27.6 TB	28 TB	21.6 TB	17.6 TB	14 TB	8.4 TB	6.3 TB
Transfer Rate	500 MB/s								
Cache Memory	8 GB								
System Type	3U Rackmount - 26.4" x 16.9" x 5" (please allow 3" for cable clearance)								
Network Interface	Four 1 GbE Ports, one 1 GbE management port, two mini-SAS device/host ports, USB, eSATA and SNMP Ports.								
Disk Interface	SATA	SATA	SATA/SAS	SATA	SATA/SAS	SATA/SAS	SATA	SAS	SAS
Hot Swap & Redundant	Power Supplies, Disk Drives								
Power Consumption	500/625 watts max.								
Drive Failure Notification	Email, text notification, audible and LED indicators								
Power Supply	960w, 2+1								
Weight	85 lbs.								

Live Network Storage

iSCSI SAN – The most efficient kind of storage – block level SAN storage.

Fast transfer rates – Up to 500 MB/s.

Exceptional performance – 150,000 IOPS.

Scalable – Supports up to 8 modules in a single SAN for expanding capacity.

Dynamic LUN Provisioning – Add capacity to any server or application on the fly.

Dynamic Snapshot Provisioning – Expand size of snapshot area, or migrate online disk backup to second tier storage.

Reliable – RAID 0, 1, 10, 5, 6, 60, 50.

Connectivity – Five 1 GbE ports.

Layered Data Protection

Snapshot Backup – Mountable points for recovery or rollback.

Disk Backup – Create mountable disk volumes on portable disks.

WAN Replication – Automated, deduplicated and encrypted remote disaster recovery backup.

High Availability – Hardware level mirroring and automatic failover with no single point of failure.

Operating System Compatibility

- AIX 5.3 and higher
- HPUX 11.11 and higher
- Linux
- Netware 6.5 SP6+
- MAC Leopard (with initiator)
- Solaris 10.X and higher
- Windows 7, 2000, 2003, 2008, XP, and higher

Special Applications Compatibility

- VMware ESX Server 3.5, 4.X, 5.x
- vSphere 4
- Xen
- HyperV
- SQL Database
- Oracle Database
- Microsoft Exchange

iSCSI Initiator Compatibility

- Microsoft iSCSI Software Initiator
- Linux Open-iSCSI Initiator
- Novell iSCSI Initiator for Netware

Call Today! 585-254-1966 ext. 7323



24 bay models

16 bay models

12 bay models

8 bay models



miSAN D Series

iSCSI SAN Storage



12 bay models

	D12/T48	D12/T36	D12/T27.6	D12/T24	D12/T21.6	D12/T15.6	D12/T12	D12/T7.2	D12/T5.4
Raw Capacity	48 TB	36 TB	27.6 TB	24 TB	21.6 TB	15.6 TB	12 TB	7.2 TB	5.4 TB
Usable Capacity	40 TB	30 TB	18.4 TB	20 TB	14.4 TB	12.4 TB	10 TB	6.4 TB	4.5 TB
Transfer Rate	500 MB/s								
Cache Memory	8 GB								
System Type	2U Rackmount - 26.4" x 16.9" x 5" (please allow 3" for cable clearance)								
Network Interface	Four 1 GbE Ports, one 1 GbE management port, two mini-SAS device/host ports, USB, eSATA and SNMP Ports.								
Disk Interface	SATA	SATA	SATA/SAS	SATA	SATA/SAS	SATA/SAS	SATA	SAS	SAS
Hot Swap & Redundant	Power Supplies, Disk Drives								
Power Consumption	500/625 watts max.								
Drive Failure Notification	Email, text notification, audible and LED indicators								
Power Supply	650w, 2+1								
Weight	77.5 lbs.								

Live Network Storage

iSCSI SAN – The most efficient kind of storage – block level SAN storage.

Fast transfer rates – Up to 500 MB/s.

Exceptional performance – 150,000 IOPS.

Scalable – Supports up to 8 modules in a single SAN for expanding capacity.

Dynamic LUN Provisioning – Add capacity to any server or application on the fly.

Dynamic Snapshot Provisioning – Expand size of snapshot area, or migrate online disk backup to second tier storage.

Reliable – RAID 0, 1, 10, 5, 6, 60, 50.

Connectivity – Five 1 GbE ports.

Layered Data Protection

Snapshot Backup – Mountable points for recovery or rollback.

Disk Backup – Create mountable disk volumes on portable disks.

WAN Replication – Automated, deduplicated and encrypted remote disaster recovery backup.

High Availability – Hardware level mirroring and automatic failover with no single point of failure.

Operating System Compatibility

- AIX 5.3 and higher
- HPUX 11.11 and higher
- Linux
- Netware 6.5 SP6+
- MAC Leopard (with initiator)
- Solaris 10.X and higher
- Windows 7, 2000, 2003, 2008, XP, and higher

Special Applications Compatibility

- VMware ESX Server 3.5, 4.X, 5.x
- vSphere 4
- Xen
- HyperV
- SQL Database
- Oracle Database
- Microsoft Exchange

iSCSI Initiator Compatibility

- Microsoft iSCSI Software Initiator
- Linux Open-iSCSI Initiator
- Novell iSCSI Initiator for Netware

Call Today! 585-254-1966 ext. 7323



24 bay models

16 bay models

12 bay models

8 bay models



miSAN D Series

iSCSI SAN Storage



8 bay models

	D8/T32	D8/T24	D8/T16	D8/T8	D8/T7.2	D8/T4.8	D8/T4	D8/T3.6	D8/T2	D8/T1
Raw Capacity	32 TB	24 TB	16 TB	8 TB	7.2 TB	4.8 TB	4 TB	3.6 TB	2 TB	1 TB
Usable Capacity	24 TB	18 TB	12 TB	6 TB	5.4 TB	3.6 TB	3 TB	2.7 TB	1.5 TB	.75 TB
Transfer Rate	500 MB/s									
Cache Memory	8 GB									
System Type	2U Rackmount - 26.4" x 16.9" x 5" (please allow 3" for cable clearance)									
Network Interface	Four 1 GbE Ports, one 1 GbE management port, two mini-SAS device/host ports, USB, eSATA and SNMP Ports.									
Disk Interface	SATA	SATA	SATA	SATA	SAS	SATA	SAS	SATA	SATA	
Hot Swap & Redundant	Power Supplies, Disk Drives									
Power Consumption	500/625 watts max.									
Drive Failure Notification	Email, text notification, audible and LED indicators									
Power Supply	760w, 1+1									
Weight	53.9 lbs.									

Live Network Storage

iSCSI SAN – The most efficient kind of storage – block level SAN storage.

Fast transfer rates – Up to 500 MB/s.

Exceptional performance – 150,000 IOPS.

Scalable – Supports up to 8 modules in a single SAN for expanding capacity.

Dynamic LUN Provisioning – Add capacity to any server or application on the fly.

Dynamic Snapshot Provisioning – Expand size of snapshot area, or migrate online disk backup to second tier storage.

Reliable – RAID 0, 1, 10, 5, 6, 60, 50.

Connectivity – Five 1 GbE ports.

Layered Data Protection

Snapshot Backup – Mountable points for recovery or rollback.

Disk Backup – Create mountable disk volumes on portable disks.

WAN Replication – Automated, deduplicated and encrypted remote disaster recovery backup.

High Availability – Hardware level mirroring and automatic failover with no single point of failure.

Operating System Compatibility

- AIX 5.3 and higher
- HPUX 11.11 and higher
- Linux
- Netware 6.5 SP6+
- MAC Leopard (with initiator)
- Solaris 10.X and higher
- Windows 7, 2000, 2003, 2008, XP, and higher

Special Applications Compatibility

- VMware ESX Server 3.5, 4.X, 5.x
- vSphere 4
- Xen
- HyperV
- SQL Database
- Oracle Database
- Microsoft Exchange

iSCSI Initiator Compatibility

- Microsoft iSCSI Software Initiator
- Linux Open-iSCSI Initiator
- Novell iSCSI Initiator for Netware

Call Today! 585-254-1966 ext. 7323



24 bay models

16 bay models

12 bay models

8 bay models