

CYBERDISK™

1001010
BACKUP AND STORAGE

- Advanced high-performance caching technology
- Scalable – expands to keep up with growth
- Layers of protection for your data
- Copy data to portable disks anytime
- Snapshots included (7 per virtual disk*)
- Secure access controls
- Hardware monitoring (SNMP to email)
- Dynamic space allocation
- US-based technical support included
- Consolidate storage for multiple servers
- Visible display of device status
- Site-to-site replication option

* Unlimited snapshots optional

Precision Support Partnership

We take pride in our customers with total support - before the sale and throughout the life of every subsystem.

Cybernetics products are fully backed by the best technical support in the business, and a range of hardware maintenance options designed to meet your needs, no matter how time critical your site is.

Priority Exchange Service

For extremely time critical sites, Cybernetics offers an advance replacement service option. If you experience a hardware failure, Cybernetics will express ship a replacement subsystem within one business day, for 10:30 AM delivery. The units cross in transit for the fastest problem resolution.

Express Depot Service

Cybernetics offers a low cost, expedited service upgrade for same day turnaround. Equipment received in our facility by 10:30 AM will be repaired or replaced and express shipped for return delivery by 10:30 AM the following business day - total resolution within 48 hours, door-to-door.

Founded in 1978 and headquartered in Yorktown, Virginia, Cybernetics is a privately held corporation specializing in the design and manufacture of high performance disk, tape, and virtual tape storage solutions. Our product line features cutting edge technologies which have been rigorously tested to deliver seamless compatibility and solid reliability, along with innovative – and exclusive – features that provide greater functionality, data accessibility, and return on investment than any other storage solutions provider can match. Our support is second to none with top-notch technical sales and engineering staff members, who are firmly committed to our customers' satisfaction. Our dedication to high quality products, backed by the best in support in the industry, has made Cybernetics the widely recognized leader in the data storage industry.

We appreciate your interest in our products and look forward to working with you as one of our satisfied customers.

Environmental

Maximum Ambient Temperature	< +30° C (< +86° F)
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)
Operating Shock	10 Gs
Non-Operating Shock	75 Gs
Altitude	10,000 feet
Operating Humidity	20% - 80%



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CYBERNETICS



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757-833-9000

Adding network disk storage has never been this easy.

Quickly connect CyberTape to your existing network and create virtual disk storage for any computer on the network. CyberDisk appears as a local hard drive to workspaces. And you can just as easily expand the allocation of storage for a virtual disk anytime. No more installing hard drives and moving data – simply click to expand your available storage right on CyberDisk.

CyberDisk delivers instant and automatic data protection features.

Your data is safer and more secure, with layers of protection against all types of risks – including RAID technology, snapshots, copy to disk, authorized access controls, and more. Automatic snapshots make recovering lost or overwritten data easy.

Consolidate storage resources

CyberDisk is a Storage Area Network, so you can consolidate data storage for all your workstations and servers. Instead of individual hard drives that are limited, slow, and subject to failure, just create virtual disks on CyberDisk. Virtual disks are easier to manage, expandable, and will save you time and reduce costs. Not only is it more reliable, you'll get excellent performance with our advanced caching technology.

Simple to deploy, easy to manage

Just create a virtual disk of any size and use iSCSI to assign the disk to any system. All you need is standard Ethernet cables, and you can connect as many devices to CyberDisk as you like through a switch. Need more disk space? Simply change the space allocation right on CyberDisk. An easy and intuitive management interface makes management as simple as point and click.

Maximize performance

CyberDisk is blazing fast with our advanced caching system, delivering up to 60,000 IOPS. Two 1 GbE ports provide a transfer rate of up to 200MB/s. CyberDisk will deliver exceptional performance well beyond any product in this class.



CyberDisk Base Module



CyberDisk Expansion Module



Available with SATA Hard Disks

Capacity	Up to 20 TB	Up to 20 TB	Up to 60 TB
Scalable	1 controller unit plus up to 2 expansion units	Up to 2 expansion modules per Base Module	NA
Transfer Rate	200 MB/s	200 MB/s	200 MB/s
IOPS	60,000	60,000	60,000
Replication	Optional	Optional	Optional
RAID Levels	0, 1, 5, 6	0, 1, 5, 6	0, 1, 5, 6
Network Interface	Two 1 GbE Ports	NA	Two 1 GbE Ports
Interface	One eSATA Port, Two USB Ports, Two Expansion Ports	Expansion Cable	One eSATA Port, Two USB Ports, Expansion Connectivity Ports
Power Consumption	63 watts average	63 watts average	189 watts idle, 242 watts active
Heat Output	215 BTU/HR average	215 BTU/HR average	646 BTU/HR average
OS Compatibility	Windows 2008, 2003, XP, Linux, Mac OS X, Netware 6.5 SP6	Windows 2008, 2003, XP, Linux, Mac OS X, Netware 6.5 SP6	Windows 2008, 2003, XP, Linux, Mac OS X, Netware 6.5 SP6
VM Compatibility	VMware, XenServer, Hyper-V	VMware, XenServer, Hyper-V	VMware, XenServer, Hyper-V
Physical Dimensions	8"H x 7"W x 9.5"D	8"H x 5"W x 9.5"D	8"H x 17"W x 9.5"D
Weight	18.55 lbs.	15 lbs.	48.55 lbs.
Warranty	2 Years	2 Years	2 Years

Powerful GUI Simplifies Management

Cybernetics' powerful GUI will simplify CyberDisk storage management with secure access to settings and features from any IP address you allow. Configure storage settings, add virtual disks and virtual disk users conveniently and quickly through easy to navigate options. Built-in data protection features make it easy to keep your data safe with tape and disk offloads and snapshot support. Hardware errors are visually displayed through an accurate depiction of your storage unit, and sent to an administrative email address, or sent via text to a mobile device. Cybernetics Graphical User Interface is a powerful tool for insuring that data is safe and accessible.

- Visual physical status and error notifications of temperature, fan speed, disks and connections
- Add or remove virtual disk users
- Configure network and RAID settings
- Take or schedule snapshots
- Create and delete virtual disks
- Offload data to disk or tape
- Copy virtual disks
- Generate log and status reports
- And more

Connectivity

Two 1 GbE Ports,
One eSATA Port.
Two USB Ports.



Call Today! 757-833-9000

www.cybernetics.com



111 Cybernetics Way. Yorktown, Virginia 23693