



NSM Series

Modular CD and DVD Storage Libraries

Solutions for Enterprise Storage

NSM Modular DVD Storage Libraries can adapt to a companies growing and changing storage requirements. The modular design concept gives users the flexibility to configure each library to meet specific application requirements. DISC will ensure forward DVD drive compatibility.

Applications

- ⇒ Industry
- ⇒ Medical
- ⇒ Law enforcement
- ⇒ Banking
- ⇒ Insurance
- ⇒ Government
- ⇒ Security
- ⇒ Audio/Video broadcasting
- ⇒ Education
- ⇒ E-mail archive

Features

- ⇒ Modular Design for Flexibility
- ⇒ Ruggedized Architecture
- ⇒ CapacityDoubler™ available for double sided media
- ⇒ Intelligent Pack Technology
- ⇒ CD, DVD standards supported
- ⇒ Built in Diagnostics
- ⇒ Intuitive user interface, with password protected security scheme
- ⇒ Auto sensing power supply
- ⇒ Multiple LVD busses
- ⇒ Optional: NAS, Fibre channel bridge, Rackmount kit



Product

Software Support

DISC libraries are compatible with major network environments such as*:

- ⇒ Macintosh
- ⇒ Linux
- ⇒ Compaq Tru64
- ⇒ Win NT/2000/2003
- ⇒ HP-UX
- ⇒ Novell NetWare
- ⇒ IBM-AIX
- ⇒ SGI Irix
- ⇒ IBM OS/2
- ⇒ Sun Solaris

*Device drivers and application software required.

Warranty

All NSM Series models come with a comprehensive worldwide warranty. Further service options are available.

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Six Models, One Technology

The NSM Series offers Near Line Storage up to 6TB

Configuration Table

MODELS	NSM3000(U)*	NSM4000(U)*	NSM7000(U)*
	The NSM3000 provides a midrange capacity, high performance storage solution in a smaller form factor. Up to 2.5 terabytes of data can be stored and quickly accessed. Up to 6 drives can be installed, and DISC SmartPack™ Technology allows unlimited offline storage	The NSM4000 offers the same features and performance as the NSM7000 but with fewer slots and drives. Up to 7 drives and 415 media make the NSM4000 an ideal solution for high capacity data storage.	The NSM7000 delivers fast access to 6TB of data. Up to 14 drives can be installed to provide high performance multiuser access to data.
Number of media slots**	145 to 285	260 to 415	510 to 705
Number of drives	1 to 6	1 to 7	1 to 14
Capacity max	2.5TB	3.8TB	6TB
Media exchange time	3 sec. average	4 sec. average	6 sec. average
SmartPack™ Technology	3 or 4 removable packs	4 removable packs	4 removable packs
CapacityDoubler™	Optional	Optional	Optional

SYSTEM

Data interface	Single/dual LVD-SCSI Fibre Channel optional RS232/LVD switchable Standard Standard 16 key 32 character display 15 pieces of media NoTouch Tray technology
Robotics control interface	
Mailslot	
Operator Panel	
SmartPack™ Capacity	
Media handling	

* The NSM-U Series models allow users to increase storage capacity using the existing chassis. Modular design architecture allows for scaleable drive and media slot counts, giving users a maximum of 6TB of capacity

** Depending on number of drives installed

DRIVES

Recorder Drive	Multi-Drive	Reader Drive	DVD-ROM/R 9.0-22MB/s
Data Transfer Rates	DVD-R 8X: 11MB/s DVD-RAM 3X: 8.2MB/s CD-R 24X: 3.6MB/s	Data Transfer Rates	CD-ROM/R 8.2MB/s
Access time	110 ms	Access time	120 ms

RELIABILITY

Robotic MSBF	2.500.000 cycles
Electronic MTBF	60.000 hours
Drive MLBF	250.000 cycles



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