

Tandberg DPS1000 Series™

Virtual Tape Libraries

The Tandberg DPS1000 Series™ delivers the next generation of virtual tape in a simple, cost-effective data protection solution.

By using high-performance, cost-effective disk storage to emulate a traditional tape library, the DPS1000 Series optimizes performance of data management operations, providing almost immediate access to data and dramatically reducing backup and recovery time.

The intuitive management, secure seamless integration, and scalability of the DPS1000 Series are features not currently found in Virtual Tape Libraries and Disk-to-Disk solutions. Optional DPS Expansion Module disk arrays can also be utilized with the DPS1200™ to provide additional capacity. The DPS1000 Series can be used with a tape device for consolidated off-site backup, long term archiving and disaster recovery.

Sharable & Secure Across Existing Backup Environments

The DPS1000 Series creates a unique and secure virtual library connection for each host system including laptops, desktops, workstations, servers and virtual machines. This isolation of data helps to satisfy regulatory compliance concerning maintaining controls and storage separation of data. With management for up to 100 host systems, you are no longer limited to which system's data can be backed up or using a dedicated backup server—you can quickly and cost-effectively protect all of them.

Intuitive Management

Each host system can be configured using a wizard, and the DPS1000 Series management features automatically discover, connect and present a virtual library and available tape media for each host system. The dynamic Web-based help system provides guidance and instructions on the specific functions and tasks being managed.

Seamless Integration

As a network appliance, the DPS1000 Series is easy to install and configure using the existing Ethernet network, working "plug-n-play" with your existing backup application without disrupting any of your current backup policies and schedules.

Integrated, Direct Physical Tape Support

The DPS1000 Series integrates directly with a tape library without requiring the need for any separate agents or burden of any additional licensing costs. By utilizing built-in policy based scheduling, the DPS1000 Series drastically improves the efficiency of tape operations without any performance impact to the backup server. With virtual tape stacking, media costs can be reduced by consolidating the amount of cartridges used.



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DPS1000 Series™

Key Benefits

- == Automatically discovers, connects and presents a unique virtual library for each host system
- == Helps to meet regulatory compliance: Maintains controls and separation of stored data
- == Dynamic Web-based management system: Easy assistance on most common functions and tasks
- == Compatible with leading backup software: No changes to your existing backup policies
- == Integrates directly with a tape library without additional agents or licensing costs
- == Virtual tape stacking and built-in policy scheduler drastically improves efficiency of tape operations
- == Support for dynamic data reduction: Improves the effective amount of storage by as much as a 10:1 ratio
- == Scales with your organisation's needs through the simple addition of storage expansion modules
- == Creates a and maintains direct mapping between the host and its virtual library even when the host is offline

Scalable, Cost-Effective Data Reduction

The DPS1000 Series includes the ability to dynamically reduce the effective amount of storage as much as a 10:1 ratio. The DPS1000 Series scales with your organisation's data protection needs through the simple addition of storage expansion modules.

Virtualized Environments

The DPS1000 Series scales within a virtualized environment with a 1:1 mapping of a virtual machine to its own virtual tape library connection. If a virtual machine is no longer online, then its library connection is persistently maintained so that it is available when it is brought back online—no rezoning, remapping or reconfiguring of any backup policies is required.



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Specifications

	Tandberg DPS1100™	Tandberg DPS1200™
Number of Host Connections (Maximum / Concurrent)	100 / 32	100 / 64
Max # of Virtual Tape Drives	32	64
Max # of Slots / Virtual Tapes per Library	96 / unlimited	96 / unlimited
Base Unit Internal Capacity (Raw)	3000GB (3TB)	6000GB (6TB)
Usable Capacity (RAID 5)	2.25TB	5.25TB
RAID Configuration	RAID 5	RAID 5
Dynamic Data Reduction (Max 10:1 compression ratio*)	Included	Included
External Interfaces		
Data Ports (iSCSI)	2 x Gb Ethernet	2 x Gb Ethernet
Management Port	1 x Gb Ethernet	1 x Gb Ethernet (dedicated)
Expansion Modules Connection	1 x 3Gb 2-port SAS	1 x 3Gb 2-port SAS
Direct Tape Library Connection	1 x SCSI LVD or 1 x 3Gb 2-port SAS	1 x SCSI LVD or 1 x 3Gb 2-port SAS
Data Performance (2 x GBE, 3:1 compression, 256KB write)	220MB/s	220MB/s
Host Connectivity Types (iSCSI)	Microsoft XP/2003/2008 & RHEL Linux	Microsoft XP/2003/2008 & RHEL Linux
Certifications	iSNS support	iSNS support
DPS Expansion Module		
DPS Expansion Module External Capacity (Raw)	4.5TB	4.5TB
Usable Capacity (RAID 5)	3.75TB	3.75TB
Recommended Tandberg Data Libraries	StorageLoader LTO	StorageLibrary T24 and T40+ Series
Tape Drives	LTO-3 and LTO-4 (HH and FH)	LTO-3 and LTO-4 (HH and FH)
Physical Dimensions		
Mountable	1U	2U
Height / Width / Depth	1.72" (45mm) / 16.8" (426 mm) / 25.6" (650 mm)	3.5" (89 mm) / 16.8" (426 mm) / 25.6" (650 mm)
Weight	42 lbs (19.1kg)	51 lbs (23.1 kg)
Operating Environment		
Operating Temperature and Humidity (Non-condensing)	10 to 35° C / 8 to 90%	10 to 35° C / 8 to 90%
Non-Operating Temperature and Humidity (Non-condensing)	-40 to 70° C / 8 to 90%	-40 to 70° C / 8 to 90%
Power and Voltage		
AC Voltage	100 to 240V	100 to 240V
Frequency	47 to 63 Hz	47 to 63 Hz
Power Consumption	250 W	250 W
Power Supplies	1 - Single	2 - Redundant
Regulatory Markings and Approvals		
Safety - US and Canada	UL 60950-1, CAN/CSA C22.2 No. 60950-1	UL 60950-1, CAN/CSA C22.2 No. 60950-1
Safety - Europe	IEC 60950-1, EN 60950-1	IEC 60950-1, EN 60950-1
Emissions	FCC 47 CFR Part 15 Class A	FCC 47 CFR Part 15 Class A
CE Marking	EN55022, EN55024, EN61000-3-2, EN61000-3-3	EN55022, EN55024, EN61000-3-2, EN61000-3-3
Environmental	RoHS	RoHS
Warranty	1 year 5x9xNBD (HW), 1 year software support, 3 years limited warranty	

About Tandberg Data

Tandberg Data is a leading global supplier of data protection solutions. Tandberg Data offers a wide selection of secondary storage solutions, ranging from disk-based solutions, such as the RDX® QuikStor™ and the Tandberg DPS1000 Series, to automated tape solutions like the StorageLoader and StorageLibrary Series. Tandberg Data also offers tape drives, based on the LTO™, SLR™, and VXA® tape technology platforms, and media. Tandberg Data solutions are supported by robust, easy to use software, such as RDX® FileKeeper™, the continuous data protection solution for the RDX QuikStor. All solutions are supported through a worldwide service and support network, recognised globally for its outstanding levels of service. Tandberg Data solutions are designed to meet the growing storage requirements of small and medium sized organizations with scalability, reliability, and backward compatibility features that ensure cost effective operation and long-term investment protection.

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