

## Tandberg Magnum 224 LTO Library

*High-Performance Data Protection for SMBs*

The Magnum 224 combines high capacity and performance in a small 2U form factor. The Magnum 224 offers up to 38.4TB\* of compressed data storage and is designed to address the ever-growing demands for affordable, reliable, secure and high performance data storage.

Tandberg Data understands that your data needs change over time, so we've created the Magnum 224 to easily scale from a 1x12 autoloader to a 2x24 library. The 224 supports up to two half height LTO drives or one full height LTO drive and is available with LVD SCSI, SAS and Native Fibre Channel connectivity.

The 224 is easy to install and easy to use and is fully certified by all leading backup software. The Performance on Demand (POD) feature allows you add additional drives or upgrade to the next LTO generation, increasing your library's performance and capacity. Adding, replacing or upgrading the tape drives is easy and can even be performed when the library is still in its rack—saving you time and money.

The Web browser-based remote management interface allows you to monitor, control, configure and diagnose problems from anywhere in the world. The 224 also supports SNMP, which will immediately send an e-mail on any error.

The 224 supports the latest security and data protection features, such as Encryption and WORM (Write Once Read Many) to assist you with meeting today's data storage and archiving regulatory requirements.

The 224 provides outstanding value for IT managers that require a easy to use, scalable, flexible, reliable and future proof backup and data protection solution.



### Key Benefits

- Capacity on Demand**  
 Start with 12 slots, expand to 24 slots, increasing capacity from 19.2TB to 38.4TB\*
- Performance on Demand**  
 Add additional drives or upgrade and increase your library's performance and capacity
- Blazing Transfer Rates**  
 Performing faster backups saves time, energy and money, up to 1.7TB/hr (compressed)
- Reliability**  
 Tandberg Data's award-winning patented robotics is built on its 25-year legacy of superior engineering, quality and reliability
- Minimize Downtime**  
 One-year warranty with 5x9 next business day of On-Site Service included
- Industry-Leading Features**  
 Includes a rack kit, Ethernet with remote management and a bar code reader.



The Magnum 224 LTO Library is well-suited to address the ever-growing demands for affordable, reliable, high-performance data protection of SMBs.

**TANDBERG DATA**  
Securing your Information

## Specifications

	Magnum 224 (12 slots)	Magnum 224 (24 slots)
Number of Drives (Half height)	1-2	1-2
Number of Drives (Full height)	1	1
Number of Cartridges	12	24
Capacity (Compressed)	LTO-3 9.6TB	19.2TB
	LTO-4 19.2TB	38.4TB
Max Performance (Compressed)	LTO-3 HH 432GB/hr	432GB/hr
	LTO-3 FH 576GB/hr	576GB/hr
	LTO-4 HH 864GB/hr	864GB/hr
	LTO-4 FH 864GB/hr	864GB/hr
Interface	LTO-3 HH SCSI LVD / Native FC / SAS	SCSI LVD / Native FC / SAS
(SCSI LVD = 68pin HD)	LTO-3 FH SCSI LVD / Native FC	SCSI LVD / Native FC
(Native FC = LC port)	LTO-4 HH SCSI LVD / SAS	SCSI LVD / SAS
(SAS =	LTO-4 FH SCSI LVD / Native FC	SCSI LVD / Native FC
Remote Management (Web)	Standard	Standard
Barcode Scanner	Standard	Standard
Rackmount-option	Standard	Standard
Cartridge Loading	1 Magazines	2 Magazines
Temperature (Operating)	10C to 40C (50F to 104F)	10C to 40C (50F to 104F)
Temperature (Non-operating)	-30C to 60C (-22F to 140F)	-30C to 60C (-22F to 140F)
Relative Humidity (Operating)	20 to 80% (non-condensing)	20 to 80% (non-condensing)
Relative Humidity (Non-operating)	10 to 90% (non-condensing)	10 to 90% (non-condensing)
Power	Power 100 to 240 VAC, 50 to 60 Hz, Library (maximum operating): 65 W RMS, Auto switching power supply	
Warranty Reliability	MTBF - 250 000 hours	MTBF - 250 000 hours
Hard Error Rate	< 10 <sup>(17)</sup>	< 10 <sup>(17)</sup>
Media Durability (archival life)	30 yrs	30 yrs
Software Compatibility	The StorageLibrary T40 <sup>+</sup> is compatible with all major backup applications and operating systems	
Agency Certification	CE, FCC, TUV/GS, ICES VCCI, BSMI, CISPR 22, C-tick, UL, C-UL, CB, GOST and EN 55022 Class A	

\*Assumes a 2:1 compression ratio

## Form Factors

	Dimensions	Shipping Dimensions
Height:	30.53 in. (77.54cm) 2U rack height	35.95 in. (91.31cm)
Width:	17.57 in. (44.63cm)	22.5 in. (57.15cm)
Length:	3.45 in. (8.75cm)	11.1 in. (28.19cm)
Weight:	43 lbs. (19.5kg)	61 lbs. (27.7kg)

**About Tandberg Data:** Tandberg Data is a leading global supplier of backup and archiving technologies. Tandberg Data offers a complete range of tape libraries, tape autoloaders and tape drives (based on the LTO™, SLR™, VXA® tape technology platforms), storage software, data media and disk-based storage such as the RDX™ QuikStor. These solutions are marketed exclusively through a channel of qualified resellers and distributors. These solutions are underpinned by OEM agreements with major server manufacturers including IBM, Hitachi, Fujitsu, Fujitsu-Siemens, Apple and Dell and supported by all major operating systems and storage software applications to operate in heterogeneous network environments. All 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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