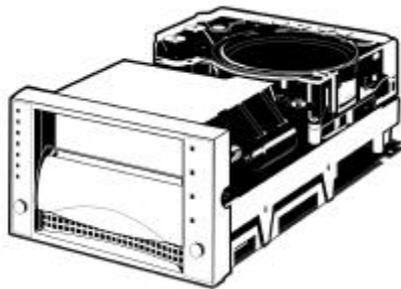
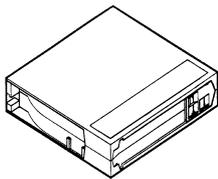
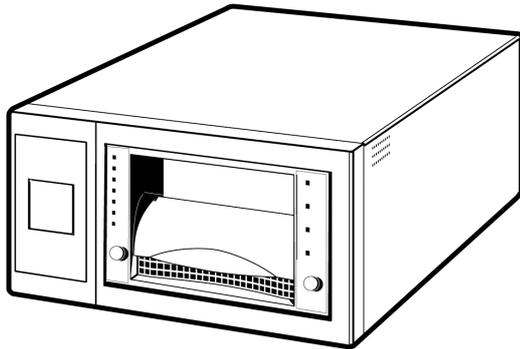


TANDBERG DLT7000



The Tandberg DLT7000 is the flagship product in Tandberg Data's new family of DLTtape™ products. The Tandberg DLT7000 offers 70GB* of data storage capacity at transfer rates up to 36GB* per hour. This performance makes the Tandberg DLT7000 the ideal choice for mid-range computers, network servers, high-end workstations and mainframe environments utilizing Windows NT, NetWare, and UNIX operating systems.

The Tandberg DLT7000 has full read and write compatibility (with the correct cartridge) with all current and previous DLTtape™ products both from Tandberg Data and other manufacturers securing your investment.

The Tandberg DLT7000 utilizes proven linear recording technology which includes, a precision tape guidance mechanism and a head design with self cleaning features for reliability, four channel parallel recording and DLZ compression for performance, real time read-while-write data verification, CRC, Reed-Solomon ECC for data integrity, and self monitoring diagnostics and TapeAlert™ to ensure optimum performance.

With the addition of the Tandberg DLT product family Tandberg Data now offers the most comprehensive range of tape storage management solutions for businesses from entry-level to mid-range. Add the proven Sales and Technical support of Tandberg Data worldwide to DLTtape™ technology and you have a solid foundation for your company's tape storage needs.

- **High capacity storage product: 35GB/70GB* and 36GB*/hr. transfer rate**
- **Ideal for mid-range computers, high-end work stations and mainframe environments**
- **Utilizes proven Linear Recording Technology**
- **Durable media (> 1,000,000 media passes)**
- **3-year warranty and backward read/write compatibility with all DLTtape™ formats**
- **Supported by all major software suppliers**



TANDBERG DLT7000 SPECIFICATIONS

Product	Capacity		Transfer Rate (GB/hr)		Media Load Time	File Access Time (avg.)	Rewind Time (avg.)
	Native	Compressed	Native	Compressed			
Tandberg DLT7000	35GB	70GB	18GB	36GB	37 sec.	60 sec.	60 sec.

TANDBERG DLT7000 SOLUTIONS

Product	DLT7000 Tape Drive	DLT7000 Int. Drive Kit	DLT7000 Tabletop Drive Kit	DLT7000 Int. Solution	DLT7000 Tabletop Solution
UNIX, NetWare, Win NT	OS	OS	OS	OS	OS
Multi-server Suite: NetWare, Win NT server environments				●	●
Win 98, DOS, Win 3.x, Win 95, DTA, AIX, Solaris, HPUX	■	■	■	■	■

Please see www.tandberg.com for the latest update on software and operating system compatibility and drivers

* Assuming 2:1 data compression; OS = Supported in operating system; ● = Complete solution available; ■ = Optional software solutions available
DLT, DLTtape™ and SPR are trademarks of Quantum Corporation

TANDBERG DATA

www.tandberg.com

TECHNICAL SPECIFICATIONS

DRIVE	DLT7000	
Capacity (formatted) Native / Compressed:	35GB / 70GB*	
Buffer Size (with parity):	8MB	
Native Transfer Rate	Burst:	12MB/s ¹ / 20MB/s ²
	Sustained:	5MB/s / 18GB/hr
Compressed Transfer Rate	Sustained:	10MB/s / 36GB/hr*
Format and Compatibility		
Number of Tracks (tpi):	208 track serial serpentine (52 4-track quads)	
Recording Density:	85.397 kbits per inch	
Encoding Method:	RLL 2,7 (MFM with 2.6 / 6.0GB formats)	
Data Compression:	DLZ	
Read/Write Compatibility:	All previous DLT-formats	
Media		
Data Cartridges:	DLTtape™IIIIXT (15GB), DLTtape™IV (20/35GB), DLTtape™ Cleaning Cartridge	
Media Data Retention (Archival Life):	30 years	
Media Durability:	1,000,000 passes	
System Interface:	SCSI-2 Fast/Wide (Single-ended or Differential) ³	
Reliability and Error Correction		
Hard Read Error Rate:	1 X 1027 bits read	
Uncorrected Error Rate:	1 X 1017 bits read	
Reed Solomon ECC:	Level 2	
Head Life:	30,000 hours	
Mean Time Before Failure:	200,000 hours @ 100% duty cycle	
Drive Warranty:	3 years	
Tape Motion		
Tape Speed:	160 ips write/read / 175 ips rewind	
Dimensions	Internal Drive w/bezel	External Drive
Form Factor:	H: 3.4 in (86.3 mm) W: 5.87 in (149.1 mm) L: 9.6 in (243.8 mm) Weight: 6 lb (2.9 kg)	H: 4.87 in (124 mm) W: 9.0 in (229mm) L: 12.75 in (325 mm) Weight: 15 lb (6.63 kg)
Electrical Rating	Internal Drive	External Drive
Auto Ranging:	N/A	100 to 240 VAC
Power Requirements (Typical)	Internal Drive	External Drive
+5 VDC excluding bus terminator:	3.6 A average (3.8 A max.)	N/A
+12 VDC:	1.6 A average (2.6 A max.)	N/A
Power Consumption:	37 W steady state (47 W max.)	47 W, 0.67 A @ 110 VAC
Voltage Variations: +5 VDC (+12 VDC):	+5V (±5%), +12V(±5%)	N/A
Environmental Specifications		
Temperature: Operating (Storage):	50°F to 104°F / 10°C to 40°C (- 40°F to 151°F / - 40°C to 66°C) excluding media	
Relative Humidity: Operating (Transport):	20% - 80% (10% - 95%)	
Altitude – Feet (m):	40,000 ft (12,500 m)	
Regulatory Agency Approvals:	UL1950, CSA C22.2#220, EN60950, FCC Part 15 Class B, EN55022/B, EN55082/B, CISPR22/A and B, VCCI/Class 1 and 2, CE, C-Tick	
Tandberg DLT7000 Configurations		
Tandberg DLT7000 Tape Drive Includes:	Internal drive, reference guide, installation guide and warranty card.	
Tandberg Internal DLT7000 Drive Kits Include:	Internal drive, SCSI-2 Fast/Wide (single-ended or differential) ³ , internal Wide SCSI cable with removable termination, DLTtape™IV media and cleaning cartridge.	
Tandberg Tabletop DLT7000 Drive Kits Include:	External tabletop drive, SCSI-2 Fast/Wide (single-ended or differential) ³ , external 68-pin Wide to 68 Wide interface cable, external active terminator, DLTtape™IV media and cleaning cartridge.	
Tandberg Internal and Tabletop DLT7000 Solutions Include:	All items included in drive kit version plus software supporting Windows NT and Novell Multi-server environments.	

* Assuming 2:1 data compression, ¹ Asynchronous, ² Synchronous, ³ Differential interface available Q1 1999

431898-2 (16.04.99)

Tandberg Data ASA, Kjelsåsveien 161, Oslo, P.O. Box 134 Kjelsås, N-0411 Oslo, Norway. Tel: +47 22 18 90 90. Fax: +47 22 18 95 50.

Tandberg Data, Inc., 2685-A Park Center Drive, Simi Valley, CA 93065-6211, U.S.A. Tel: +1 805 579 1000. Fax: +1 805 579 2555.

Tandberg Data GmbH, Feldstraße 81, D-44141 Dortmund, Germany. Tel: +49 23 1 5436 0. Fax: +49 231 5436 111.

Tandberg Data S.A., 16/18 Ave. Morane-Saulnier, F-78941 Velizy Cedex, France. Tel: +33 1 39 26 01 01. Fax: +33 1 34 65 02 89.

Tandberg Data (U.K.) Ltd., Davenport House, Bowers Way, Harpenden, Hertfordshire AL5 4HX, U.K. Tel: +44 1582 769 071. Fax: +44 1582 769 025.

Tandberg Data (Asia) Pte. Ltd., 801 Lorong 7, Toa Payoh #02-00, Singapore 319319. Tel: +65 259 9330. Fax: +65 258 1702.

Tandberg Data (Japan) Inc., Shinkawa-nittei Annex Bldg., 7th floor, 22-4 Shinkawa 1-chome, Chuo-ku, Tokyo 104, Japan. Tel: +81 3 5566 2871. Fax: +81 3 5566 2875.

TANDBERG DATA

www.tandberg.com