Quantum®

SDLT 600

The Capacity to do More

BACKWARD COMPATIBILITY WITH SDLT 320, SDLT 220, AND DLT VS160

UP TO A 72MB/SEC* TRANSFER RATE

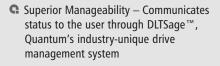**ENHANCED DATA PROTECTION WITH DLTSAGE MANAGEMENT TOOLS**

INTERNAL, TABLETOP AND RACKMOUNT VERSIONS

FEATURES AND BENEFITS

The Quantum SDLT 600 was designed to take full advantage of DLTSage™, a revolutionary data management feature. DLTSage is a suite of intelligent data protection tools that enable you to more effectively manage and protect your tape storage environment. Boasting 600GB* capacity and delivering transfer rates of 72MB/sec*, the SDLT 600 combines outstanding capacity and speed with impressive data management tools.

Now, users can extend their investments in the SDLT 600 tape drive and Super DLTtape® II media to leverage DLTSage WORM™ (Write Once, Read Many) as an integral component in regulatory compliance requirements. DLTSage WORM provides archival functionality with a complete set of management tools and strong software support.

Quantum "Backup Ready" certified solutions allow you to go from box-to-backup in minutes with the Quantum SDLT 600 tape drive, world-class Backup Exec QuickStart software and Quantum media.

- **Superior Manageability** – Communicates status to the user through DLTSage™, Quantum's industry-unique drive management system

- **DLTSage™ WORM (Write Once, Read Many)** – The first Super drive to utilize standard media for both traditional backup and archiving as well as for regulatory compliance.

- **Complete Solution** - drive includes Backup Exec™ QuickStart backup sofware plus a data and cleaning cartridge for a total backup package

- **Superior Reliability** – Tested to 250,000 hours MTBF at 100% duty cycle

QLT   DLTSAGE   BACKUP READY!

DRIVE CAPACITY AND PERFORMANCE

Drive Type	Cartridge Capacity Native/Compressed* (GB)	Drive Throughput Native/Compressed* (MB/sec)	Data Buffer (MB)	File Access Time (sec)
SDLT 600	300 / 600	36 / 72	128	79

SCSI Interface: Ultra 160 SCSI, 2Gb Fibre Channel in enterprise libraries

Cartridge Load Times (sec)

To BOT (formatted):	12
To BOT (unformatted):	40

COMPATIBILITY

Media Read/Write:	Super DLTtape II, DLTtape VS1, Super DLTtape I/Super DLTtape II written by VS160
Operating Systems:	Windows Desktop, Windows Server, Novell NetWare, UNIX, Linux, Mac OS
Backup Software:	Go to www.quantum.com/compatibility for the most up-to-date tested solutions

RELIABILITY

MTBF (hours):	250,000 @ 100% duty cycle
Media Durability:	1,000,000 passes
Uncorrected Error Rate:	1×10^{17} bits read
Undetected Error Rate:	1×10^{27} bits read

PHYSICAL SPECIFICATIONS

Form Factor	Internal	Tabletop	Rackmount
Width (in/mm)	5.75 / 146.05	6.88 / 174.75	16.75 / 425.5
Height (in/mm)	3.25 / 82.55	6.48 / 164.46	3.43 / 87.1
Length (in/mm)	8.48 / 215.39	12.6 / 320.04	22.38 / 568.5
Weight (lbs/kg)	5.25 / 2.38	13.81 / 6.27	54 / 24.5

ENVIRONMENTAL

Operating

Temperature °F (°C):	50° to 104° (10° to 40°)
Humidity:	20% to 80% (non-condensing)
Altitude (ft. maximum):	-500 to 30,000

Non-Operating

Temperature °F (°C):	-40° to 151° (-40° to 66°) excluding media
Humidity (%):	10 to 95 (non-condensing)
Voltage (V):	+5, +12
Power Consumption (W):	32 W typical streaming/writing

MANAGEABILITY

DLTSage:	Full
DLTSage xTalk:	Cross-platform interface, Windows, HP-UX Solaris, Linux

TAPE FORMAT SPECIFICATIONS

Recording Format:	640 track serial serpentine
Recording Density:	233 k bits per inch
Track Density:	1490 tracks per inch
Encoding Method:	Partial Response Maximum, Likelihood (PRML)
Data Compression:	DLZ

TAPE/FORMAT COMPATIBILITY

Super DLTtape® II:	(read/write) 300GB native capacity
Super DLTtape® I:	(read only) 160GB native capacity 110GB native capacity
DLTtape® VS1:	(read only) 80GB native capacity

TAPE SPECIFICATIONS

Cartridge Dimensions:	4.16in x 4.15in x 1in (105.6mm x 105.3mm x 25.4mm)
Archive Storage:	More than 30 years with less than 10% loss in demagnetization at 20º C and 40% non–condensing humidity
Durability:	Average 1,000,000 head passes in a typical office/computing environment

WARRANTY

Tape:	Limited lifetime
Tape Drive:	3 year limited with Rapid Exchange

*Based on 2:1 compression

Model Numbers and Descriptions

TR-S34AX-BR	SDLT 600 drive, 5.25" Full-height, internal, black/beige bezel
TR-S34AX-EY	SDLT 600 drive, 5.25" Full-height, internal kit, black bezel
TR-S34BX-YF	SDLT 600 drive, Tabletop kit, beige bezel
TR-S34BX-EY	SDLT 600 drive, Tabletop kit, black bezel
BHKCX-EY	SDLT 600 drive, 2U Rackmount, single drive, black bezel
BHLCX-EY	SDLT 600 drive, 2U Rackmount, dual drives, black bezel

For contact and product information, visit quantum.com or call 800-677-6268

Quantum.

Backup. Recovery. Archive. It's What We Do.

About Quantum

Quantum Corp. (NYSE:DSS) is the leading global storage company specializing in backup, recovery and archive. Combining focused expertise, customer-driven innovation, and platform independence, Quantum provides a comprehensive range of disk, tape, media and software solutions supported by a world-class sales and service organization. As a long-standing and trusted partner, the company works closely with a broad network of resellers, OEMs and other suppliers to meet customers' evolving data protection needs.