



LTO-2 HH

The Most Reliable and Affordable LTO Tape Drive

UP TO 400GB* CAPACITY

UP TO 187GB/HR* TRANSFER RATE

"BACKUP READY" SOLUTION

3 YEAR RAPID EXCHANGE WARRANTY

The Quantum LTO-2 HH stores up to 400GB* per cartridge and delivers sustained backup speeds of up to 187GB* per hour, the fastest LTO-2 HH available! It is backward-compatible with LTO-1 media, and interchangeable with tape drives from all Ultrium-certified manufacturers while maintaining its compact 5 inch half-height form factor.

The Quantum LTO-2 HH is the most reliable LTO-2 half-height tape drive on the market, delivering reliability features only available from Quantum. An advanced cooling design extends media life by 100% and Multiple Transfer Speeds™ eliminate performance-degrading tape reposition. Dynamic PowerDown™ protects the drive and cartridge in the event of power loss, while SmartVerify™ verifies all data written to the tape reducing the backup window. Choose the Quantum LTO-2 HH tape drive that is right for your IT environment: a server-installable internal, convenient tabletop or space-efficient rackmount configuration.

Quantum "Backup Ready" certified solutions allow you to go from box-to-backup in minutes with the reliable Quantum LTO-2 HH tape drive, world-class Backup Exec QuickStart software and durable Quantum media.

FEATURES AND BENEFITS

-  Affordable – Cost-effective tape backup solution for small and medium sized businesses
-  Backup Ready - Includes Symantec Backup Exec™ QuickStart backup software
-  Fastest LTO-2 HH – up to 187GB/hr*
-  Quantum Exclusive Features - SmartVerify™, Dynamic PowerDown™, FastSense™ and advanced cooling

DRIVE CAPACITY AND PERFORMANCE

Drive Type	Cartridge Capacity		Drive Throughput		Data Buffer (MB)	File Access Time (sec)
	Native/Compressed* (GB)	Native/Compressed* (MB/sec)	Native/Compressed* (MB)	Native/Compressed* (MB/sec)		
LTO-2HH	200 / 400	26 / 52	64	86		

Interface: Ultra 160 SCSI
 Burst Transfer Rate (MB/sec)
 Ultra 160 SCSI (max): 160
 Cartridge Load Times (sec)
 Cartridge Unload: 30

COMPATIBILITY

Media Read/Write:	LTO-1 and 2
Operating Systems:	Windows Desktop, Windows Server, Novell NetWare, UNIX, Linux, Mac OS
Backup Software:	Backup Exec™ QuickStart software, BakBone, Computer Associates, CommVault, EMC Insignia, IBM Tivoli, NovaStor and Yosemite Technologies

RELIABILITY

MTBF (hours):	250,000 @ 100% duty cycle
Non-recoverable Error Rate	1 x 10 ¹⁷ bits read

PHYSICAL SPECIFICATIONS

Form Factor	Internal	Tabletop	Rackmount
Width (in/mm)	5.8 / 148.1	7.6 / 193.0	17.7 / 449.6
Height (in/mm)	1.7 / 43.4	4.6 / 116.8	1.7 / 43.2
Length (in/mm)	8.9 / 227.0	12.1 / 307.3	20.0 / 508.0
Weight (lbs/kg)	3.3 / 1.5	10.4 / 4.7	15.8 / 7.2

ENVIRONMENTAL

Operating	
Temperature °F (°C):	50° to 104° (10° to 40°)
Humidity:	80% (non-condensing)
Altitude (ft. maximum):	10,000 feet MSL (at 25°C)
Non-Operating	
Temperature °F (°C):	-40° to 149° (-40° to 66°)
Humidity (%):	10 to 95 (non-condensing)
Voltage (V):	+5, +12
Power Consumption (W):	34

TAPE FORMAT SPECIFICATIONS

Recording Format:	LTO-2
Recording Density:	3,930 RLL-encoded ONEs per mm
Encoding Method:	0.13/11 RLL
Data Compression:	ALDZ-2

TAPE/FORMAT COMPATIBILITY

LTO-2 (read/write)	200GB native capacity
LTO-1 (read/write)	100GB native capacity

TAPE SPECIFICATIONS

Cartridge Dimensions:	4.1" x 4.1" x 1.0" (104.1mmx104.1mmx25.4mm)
Archive Storage:	30 years
Durability:	5,000 load/unload cycles

WARRANTY

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

*Based on 2:1 compression

Model Numbers and Descriptions

CL1001-SB	LTO-2 HH 5.25" Half-height internal kit, black bezel
CL1001-SST	LTO-2 HH 5.25" Half-height internal kit, black bezel
CL1002-SST	LTO-2 HH Tabletop kit, black bezel
CL1003-SST	LTO-2 HH 1U Rackmount, single drive, black bezel
CL1004-SST	LTO-2 HH 1U Rackmount, dual drive, black bezel

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

Quantum[®]

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

©2006 Quantum Corporation. All rights reserved. Quantum, the Quantum logo, and all other logos are registered trademarks of Quantum Corporation or of their respective owners.

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.