



SuperLoader 3

Advanced Automation
at an Affordable Price

Designed for simple and reliable backups, the SuperLoader® 3 offers an exclusive package of advanced features including StorageCare® Guardian, remote management, and barcode reader—all at no additional cost. It also gives you the widest range of drive options in the industry to support data requirements between 640GB to 48TB—with the flexibility to expand as your storage needs grow.

The SuperLoader 3 brings you a full suite of advanced features at an affordable price with easy integration, an intuitive user interface and compatibility with a broad range of backup software packages. And because you can easily expand from 8 to 16 cartridge slots, your investment is protected as your needs grow. In addition, the SuperLoader 3 packs up to 24TB of native capacity and 48TB of compressed data into a 2U rackmount form factor.

Customers may also choose additional service level uplifts to 5×9×ND and 7×24×4 for maximum availability and faster response times.

AUTOMATION

UP TO 48TB* CAPACITY

UP TO 1008GB/HR* TRANSFER RATE

2U RACKMOUNTABLE FORM FACTOR

"BACKUP READY" SOLUTION

* Assumes 2:1 compression

FEATURES AND BENEFITS

- Complete Solution with StorageCare Guardian – A remote monitoring and diagnostics tool that proactively monitors your SuperLoader 3 over the Internet and uses intelligent diagnostics to remotely service the unit if necessary
- Compatible with all major backup software packages, environments and infrastructures
- The only autoloader that supports 16 cartridges in a 2U rackmount unit
- Access from any web-based browser for remote diagnostics, operations, software upgrades and maintenance
- Removable magazine(s) provide fast, easy cartridge access
- Scalable from 8 to 16 cartridge slots
- State-of-the-art performance and energy efficiency
- Available with SCSI and SAS interfaces



DRIVE CAPACITY AND PERFORMANCE

Drive Type	Autoloader Capacity		Performance	
	Native/Compressed* (GB)		Native/Compressed* (GB/hr)	
DLT-S4	12,800 / 25,600		216 / 432	
LTO-3HH	6,400 / 12,800		216 / 432	
LTO-4	12,800 / 25,600		432 / 864	
LTO-4HH	12,800 / 25,600		288 / 576	
LTO-5	24,000 / 48,000		504 / 1008	
LTO-5HH	24,000 / 48,000		504 / 1008	

HOST INTERFACE

DLT-S4:	Ultra 320 SCSI
LTO-3HH:	Ultra 320 SCSI
LTO-4:	Ultra 320 SCSI
LTO-4HH:	3GB/s SAS, Ultra 320 SCSI
LTO-5:	6GB/s SAS
LTO-5HH:	6GB/s SAS

RELIABILITY

MCBF:	400,000
MITR:	<30 min
Cartridge Capacity:	8 or 16 cartridges
Management Requirements:	Integrated Web-based Management standard on all SuperLoader 3 products
Power Requirements:	90 to 256 VAC

PHYSICAL SPECIFICATIONS

Width (in/cm)	16.7 / 42.42
Height (in/cm)	3.41 / 8.66
Length (in/cm)	27.5 / 69.85
Weight (lbs/kg)	31 / 14.06

OPERATIONS

Cartridge Loader:	Single front loader slot (import port) and bulk cartridge loading in removable active magazines.
On-board Remote Management Tools:	10/100baseT Ethernet
Available Operations:	Review System Status, Remote Diagnostics, Browse System Logs, Configuration, Firmware Upgrades, Drive Operations, Remote Management, Check Inventory, System Upgrades
Barcode Reader:	Standard

ENVIRONMENTAL

Temperature Range (Dry Bulb):	Operating +10°C to +35°C Non-Operating -40°C to +65°C
Temperature Variation:	Operating 10°C per hour Non-Operating 20°C per hour
Humidity:	Operating 20% to 80% non-condensing Non-Operating 10% to 90% non-condensing Gradient 10% per hour without condensation
Wet Bulb:	Operating 26°C max Non-Operating 29°C max
Altitude:	Operating -500 to 10,000 feet (-153m to 3048m) Non-Operating -500 to 40,000 feet (-153m to 12192m)

AGENCY APPROVALS

Safety:	U.S. (UL 1950) Canada (CSA 22.2 No. 950) Europe (EN60950/IEC 950) EMI/RFI ECC Directive 89336 CD BS6527 (UK) EN 55022 (EU) EN 55024 (EU) CFR 47, 1995 FCC Rules Part 15B Class B (MDOC) IEC-003 Canada V-3/97.04 VCCI Class B (Japan) AS/NZS 3548 Australia/New Zealand (C-tick Mark) CNS 13438 BSMI Class A Taiwan
---------	--

Agency Markings: CD, VCCI, UL, FCC, CSA

COMPATABILITY

Software/Hardware: Go to www.quantum.com for the most up-to-date tested solutions.

* Assumes 2:1 compression

Model Numbers and Descriptions

EC-SL3AA-YF	DLT-S4, 8 Slots/1 Magazine	EC-L2FAE-YF-B	LTO-4HH SAS, 16 Slots/2 Magazine	EC-LLHAE-YF	LTO-5 SAS, 8 Slots/1 Magazine
EC-S23AA-YF	DLT-S4, 16 Slots/2 Magazines	EC-LLKAA-YF-B	LTO-4HH SCSI, 8 Slots/1 Magazine	EC-L2HAE-YF	LTO-5 SAS, 16 Slots/2 Magazines
EC-LLDAA-YF-B	LTO-3HH SCSI, 8 Slots/1 Magazine	EC-L2KAA-YF-B	LTO-4HH SCSI, 16 Slots/2 Magazines	EC-LLPAE-YF	LTO-5HH SAS, 8 Slots/1 Magazine
EC-L2DAA-YF-B	LTO-3HH SCSI, 16 Slots/2 Magazines	EC-LLEAA-YF	LTO-4 SCSI, 8 Slots/1 Magazine	EC-L2PAE-YF	LTO-5HH SAS, 16 Slots/2 Magazines
EC-LLFAE-YF-B	LTO-4HH SAS, 8 Slots/1 Magazine	EC-L2EAA-YF	LTO-4 SCSI, 16 Slots/2 Magazines		

*European models with LTO have -YE instead of -YF

For contact and product information, visit quantum.com or call 866-809-5230

Quantum[®]
BE CERTAIN[™]

©2012 Quantum Corporation. All rights reserved. Quantum, the Quantum logo, DXi, Scalar, StorageCare, StorNext and SuperLoader are registered trademarks of Quantum Corporation and its affiliates in the United States and/or other countries. Linear Tape-Open, LTO, the LTO Logo, Ultrium and the Ultrium Logo are registered trademarks of HP, IBM and Quantum in the US and other countries. All other trademarks are the property of their respective owners.

About Quantum

Quantum Corp. (NYSE:QTM) is a proven global expert in data protection and Big Data management that provides a unique combination of intelligent storage solutions and unmatched value for traditional, virtual and cloud environments. From small businesses to multinational enterprises, more than 50,000 customers trust Quantum to help cost-effectively manage data growth and extract the full value from their digital assets. Quantum's offerings include: DXi[®]-Series disk-based deduplication and replication systems for fast backup and restore, vmPRO solutions for protecting virtual machine data, Scalar[®] tape automation products for disaster recovery and long-term data retention, and StorNext[®] Big Data management software and appliances for high-performance file sharing and archiving.