



## 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, Symantec Backup Exec software, 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
  - Symantec Backup Exec – data protection software solution that allows you to reliably back up and restore your data
- 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 removeable 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 (-153 m to 3048 m) Non-Operating -500 to 40,000 feet (-153 m to 12192 m)

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

**COMPATABILITY**

Software/Hardware: Go to [www.quantum.com](http://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](http://quantum.com) or call 800-677-6268

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**About Quantum**

Quantum Corp. (NYSE:QTM) is the leading global specialist in backup, recovery, and archive. From small businesses to multinational enterprises, more than 50,000 customers trust Quantum to solve their data protection, retention and management challenges. Quantum's best-of-breed, open systems solutions provide significant storage efficiencies and cost savings while minimizing risk and protecting prior investments. They include three market-leading, highly scalable platforms: DXi®-Series disk-based deduplication and replication systems for fast backup and restore, Scalar® tape automation products for disaster recovery and long-term data retention, and StorNext® data management software for high-performance file sharing and archiving. Quantum Corp., 1650 Technology Drive, Suite 800, San Jose, CA 95110, (408) 944-4000, [www.quantum.com](http://www.quantum.com).