



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 25.6TB – 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 12.8TB of native capacity and 25.6TB of compressed data into a 2U rackmount form factor.

The SuperLoader 3 includes a one-year Rapid Exchange warranty. Customers may also choose additional service level uplifts to 5x9xND and 7x24x4 for maximum availability and faster response times.

UP TO 25.6TB* CAPACITY

UP TO 864GB/HR* TRANSFER RATE

2U RACKMOUNTABLE FORM FACTOR

"BACKUP READY" SOLUTION

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 backup and restore your data
- 🔧 Compatible with all major backup software packages, environments and infrastructures
- 🔧 The only autoloader that supports 16 DLT® or LTO 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
- 🔧 Available with full performance, energy efficient LTO-4HH SAS
- 🔧 Available with SCSI, SAS and native Fibre Channel



DRIVE CAPACITY AND PERFORMANCE

Drive Type	Autoloader Capacity		Performance	
	Native/Compressed* (GB)		Native/Compressed* (GB/hr)	
DLT VS160	1,280 / 2,560		28.8 / 57.6	
DLT-V4	2,560 / 5,120		36 / 72	
DLT-S4	12,800 / 25,600		216 / 432	
SDLT 600	4,800 / 9,600		129.6 / 259.2	
LTO-2 HH	3,200 / 6,400		93.6 / 187.2	
LTO-3 nFC	6,400 / 12,800		288 / 576	
LTO-3HH SCSI	6,400 / 12,800		245 / 324	
LTO-3HH SAS	6,400 / 12,800		245 / 490	
LTO-4 SCSI	12,800 / 25,600		432 / 864	
LTO-4HH SAS	12,800 / 25,600		432 / 864	

HOST INTERFACE

DLT-V4, LTO-2 HH:	Ultra 160 SCSI
SDLT 600, DLT VS160:	Ultra 160 SCSI
LTO-3:	2Gb nFC
LTO-3HH:	Ultra 160 SCSI, 3Gb/s SAS
LTO-4:	Ultra 320 SCSI
LTO-4HH:	3Gb/s SAS
DLT-S4:	Ultra 320 SCSI, 4Gb nFC

RELIABILITY

MCBF:	400,000
MTTR:	<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
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COMPATABILITY

Software/Hardware:	Go to www.quantum.com for the most up-to-date tested solutions.
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* Assumes 2:1 compression

Model Numbers and Descriptions

ER-SL1AA-YF	DLT VS160, 8 Slots /1 Magazine	EC-L2DAA-YF	LTO-3HH SCSI 16 Slots/2 Magazines	EC-SL3AC-YF	DLT-S4 nFC, 8 Slots/1 Magazine
ER-S21AA-YF	DLT VS160, 16 Slots/2 Magazines	EC-LLDAA-YF	LTO-3HH SCSI 8 Slots/1 Magazine	EC-S23AC-YF	DLT-S4 nFC, 16 Slots/2 Magazines
EC-SL6AA-YF	DLT-V4, 8 Slots/1 Magazine	EC-LLDAE-YF	LTO-3HH SAS 8 Slots/1 Magazine	EC-LL8AC-YF	LTO-3 nFC, 8 Slots/1 Magazine
EC-S26AA-YF	DLT-V4, 16 Slots/2 Magazines	EC-L2DAE-YF	LTO-3HH SAS 16 Slots/2 Magazine	EC-L28AC-YF	LTO-3 nFC, 16 Slots/ 2 Magazines
ER-SL2AA-YF	SDLT 600, 8 Slots/1 Magazine	EC-LLFAE-YF	LTO-4HH SAS 8 Slots/1 Magazine	EC-LLEAA-YF	LTO-4 SCSI, 8 slots/1 Magazine
ER-S22AA-YF	SDLT 600, 16 Slots/2 Magazines	EC-L2FAE-YF	LTO-4HH SAS 16 Slots/1 Magazine	EC-L2EAA-YF	LTO-4 SCSI, 16 slots/2 Magazines
ER-LL4AA-YF	LTO-2 HH, 8 Slots/1 Magazine	EC-SL3AA-YF	DLT-S4, 8 Slots/1 Magazine		
ER-L24AA-YF	LTO-2 HH, 16 Slots/2 Magazines	EC-S23AA-YF	DLT-S4, 16 Slots/2 Magazines		

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

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About Quantum

Quantum Corp. (NYSE:QTM) 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.