



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 up to 100TB—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 40TB of native capacity and 100TB* of compressed data into a 2U rackmount form factor.

Customers may also choose additional service level uplifts to 5x9xND and 7x24x4 for maximum availability and faster response times.

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
- Up to 100TB* capacity
- Up to 1.4TB/hr* transfer rate
- Scalable from 8 to 16 cartridge slots
- 2U rackmountable form factor
- “Backup Ready” solution
- State-of-the-art performance and energy efficiency
- Available with SAS interfaces (LTO-5 and LTO-6), and with SCSI and SAS interfaces (all other LTO)

*2.5:1 compression LTO-6, 2:1 other LTO



TECHNICAL SPECIFICATIONS

DRIVE CAPACITY AND PERFORMANCE

Drive Type	Autoloader Capacity		Performance	
	Native/Compressed* (GB)		Native/Compressed* (GB/hr)	
LTO-6HH	40,000 / 100,000		576 / 1440	
LTO-5HH	24,000 / 48,000		504 / 1008	
LTO-5	24,000 / 48,000		504 / 1008	
LTO-4HH	12,800 / 25,600		288 / 576	
LTO-4	12,800 / 25,600		432 / 864	
LTO-3HH	6,400 / 12,800		216 / 432	

HOST INTERFACE

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

RELIABILITY

MSBF:	1,500,000
MTRR:	<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
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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

WARRANTY

1 Year Rapid Exchange

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 89/336 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 CD, VCCI, UL, FCC, CSA
Agency Markings:	

COMPATABILITY

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

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	E7-LLSAE-YF	LTO-6HH SAS, 8 Slot/1 Magazine
EC-L2FAE-YF-B	LTO-4HH SAS, 16 Slots/2 Magazine	EC-LLHAE-YF	LTO-5 SAS, 8 Slots/1 Magazine	E7-L2SAE-YF	LTO-6HH SAS, 16 Slot/2 Magazine
EC-LLKAA-YF-B	LTO-4HH SCSI, 8 Slots/1 Magazine	EC-L2HAE-YF	LTO-5 SAS, 16 Slots/2 Magazines		

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

ABOUT QUANTUM

Quantum is a proven global expert in Data Protection and Big Data management, providing specialized storage solutions for physical, virtual and cloud environments. From small businesses to major enterprises, more than 100,000 customers have trusted Quantum to help maximize the value of their data by protecting and preserving it over its entire lifecycle. With Quantum, customers can Be Certain they're able to adapt in a changing world – keeping more data longer, bridging from today to tomorrow, and reducing costs. See how at www.quantum.com/BeCertain.

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