Quantum

SuperLoader 3



> DATASHEET

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 5×9×ND and 7×24×4 for maximum availability and faster response times.

FEATURES & 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

ULTRIUM LTO BACKUP READY!

> LEARN MORE:
www.quantum.com/superloader3

TECHNICAL SPECIFICATIONS

DRIVE CAPACITY AND PERFORMANCE

Drive Type	Autoloader Capacity Native/Compressed* (GB)	Performance 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

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

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

RELIABILITY

MSBF:	1,500,000
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 256VAC

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 +10ºC to +35ºC Non-Operating -40ºC to +65ºC
Temperature Variation:	Operating 10ºC per hour Non-Operating 20ºC 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 26ºC max Non-Operating 29ºC 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.

NOW AVAILABLE!
LTO-6 and LTO-5
CONVENIENCE BUNDLES
Includes Autoloader, SAS HBA, Cables, and 10 LTO Tapes

Model Numbers and Descriptions

EC-LLFAE-YF-C LTO-4HH SAS, 8 Slots/1 Magazine
EC-L2FAE-YF-C LTO-4HH SAS, 16 Slots/2 Magazine
EC-LLKAA-YF-B LTO-4HH SCSI, 8 Slots/1 Magazine
EC-L2KAA-YF-B LTO-4HH SCSI, 16 Slots/2 Magazines
EC-LLHAE-YF LTO-5 SAS, 8 Slots/1 Magazine
EC-L2HAE-YF LTO-5 SAS, 16 Slots/2 Magazines
EC-LLPAE-YF-C LTO-5HH SAS, 8 Slots/1 Magazine
EC-L2PAE-YF-C LTO-5HH SAS, 16 Slots/2 Magazines
E7-LLSAE-YF-C LTO-6HH SAS, 8 Slot/1 Magazine
E7-L2SAE-YF-C LTO-6HH SAS, 16 Slot/2 Magazine
E7-L2SAE-HF-C LTO-6HH SAS, HBA (6Gb/s, PCIe), 10 pcs Media, 16 Slot/2 Magazine
E7-L2PAE-HF-C LTO-5HH SAS, HBA (6Gb/s, PCIe), 10 pcs Media, 16 Slot/2 Magazine

**European models with LTO have -YE instead of -YF, or -HE instead of -HF*

To learn more about Quantum SuperLoader 3, please visit
www.quantum.com/superloader3

©2014 Quantum Corporation (NYSE:QTM). All rights reserved. Quantum, the Quantum logo, StorageCare 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.

Quantum®
BE CERTAIN

www.quantum.com • 800-677-6268

DS00379A-v10 Sept 2014