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 $5\times9\times ND$ and $7\times24\times4$ 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





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
LT0-5	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
LT0-5:	6GB/s SAS

1 TO-4HH-3GB/s SAS, Ultra 320 SCSI

RELIABILITY

MSBF: 1,500,000 MTTR:

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

Single front loader slot (import port) and bulk cartridge Cartridge Loader: loading in removable active magazines.

On-board Remote 10/100baseT Ethernet Management Tools:

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 Operating 10°C per hour Temperature Variation:

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

Operating -500 to 10,000 feet (-153m to 3048m) Altitude: 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.



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

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

Quantum **BE CERTAIN**