

QUALSTAR®

Q48

Rackmount Tape Library



OVERVIEW

The Qualstar Q48 is designed to provide superior performance and value for backup, recovery and archiving environments. Feature rich and compact in a 4U 19 inch rackmount form factor, the Q48 offers outstanding capacity and throughput while providing a cost effective solution. The Qualstar Q48 data storage capacity can be expanded by upgrading to newer generation LTO technology.

HIGHLIGHTS

- Uses LTO tape drive technology
- 48 cartridge slots, four 12-slot magazines
- Configurable I/O port with 3 slots
- Up to 4 half-height LTO-7, LTO-8 or LTO-9 drives
- Up to 2.16 PB with LTO-9 compression at 2.5:1
- Encryption capable
- Barcode reader comes standard for fast inventory
- Remote management simplifies IT administration
- Single or optional dual (redundant) power supplies

KEY FEATURES & BENEFITS

From easy installation to easy maintenance, the Q48 is designed for easy operation. The integrated remote management interface (RMI) enables IT administrators to remotely configure, manage, and diagnose the library operations. The easy to use menu driven graphical onboard operator control panel is available for onsite operation. All field replaceable components, such as the drives, power supply, and controller board are removable without complex tools.

SPECIFICATIONS

Drive Type	LTO Ultrium 7, 8 or 9
Drive Interfaces	SAS or FC
Number of Tape Drives	1 - 4
Number of Cartridge Slots	48
I/O Port / Slots	3
Native Capacity - LTO-9	864 TB
Up to Max Compressed (2.5:1) Capacity - LTO-9	2.16 PB
Native Capacity - LTO-8	576 TB
Up to Max Compressed (2.5:1) Capacity - LTO-8	1.44 PB
Native Capacity - LTO-7	288 TB
Up to Max Compressed (2.5:1) Capacity - LTO-7	720 TB
Native Data Rate - LTO-9	300 MB/s
Native Data Rate - LTO-8	300 MB/s
Native Data Rate - LTO-7	300 MB/s
Barcode Reader	Standard
Rack Mount Kit	Standard
Height	4U (6.9" / 17.5cm)
Width	17.6" / 44.7cm
Depth	29.1" / 74.0 cm
Weight	44 lb / 20 kg (without tapes)
Power	100-240 VAC (50-60 Hz) / 300W
Warranty	2 years

CONSISTENT ADVANTAGES

- Remote Management Interface (RMI)
- Simple integration into existing environments
- Integrated barcode reader
- Easy maintenance and simple service
- Compatible with next generation tape technology