

Q48™ 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. While compact in size, the Q48 offers throughput and capacity scaling by upgrading from one to four drives and from LTO-6 or LTO-7 to LTO-8 technology thus offering tangible investment protection.

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-6, LTO-7 or LTO-8 drives
- Up to 1.44PB with LTO-8 compression at 2.5:1
- 4U height x 19-inch rackmount
- 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 on-board operator control panel is available for on-site operation. All field replaceable components, such as the drives, power supply, and controller board are removable without complex tools.



Mid-range LTO Tape Library designed for SMB and distributed environments.

Q48 Specifications

Drive Type	LTO Ultrium 6, 7 or 8
Drive Interfaces	SAS or FC
Number of Tape Drives	1-4
Number of Cartridge Slots	48
I/O Port / Slots	3
Native Capacity – LTO-6	120TB
Up to Max Compressed (2.5:1) Capacity – LTO-6	300TB
Native Capacity – LTO-7	288TB
Up to Max Compressed (2.5:1) Capacity – LTO-7	720TB
Native Capacity – LTO-8	576TB
Up to Max Compressed (2.5:1) Capacity – LTO-8	1.44PB
Native Data Rate – LTO-6	Up to 160MB/s
Native Data Rate – LTO-7	Up to 300MB/s
Native Data Rate – LTO-8	Up to 300MB/s
Barcode Reader	Standard
Rack Mount Kit	Standard
Height	4U (6.9" / 17.5cm)
Width	17.6" / 44.7cm
Depth	29.1" / 74.0cm
Weight	44 lb / 20 kg (without tapes)
Power (Input voltage / consumption)	100-240 VAC (50-60 Hz) / 300W
Warranty	2 Years

CONSISTENT ADVANTAGES

- Remote Management Interface (RMI)
- Drive-based encryption
- Leveraging investments through scalability
- Simple integration into existing environments
- Integrated barcode reader
- Easy maintenance and simple service
- Compatible with next generation tape technology