## Q24™ OVERVIEW

The Qualstar Q24 is designed to provide superior performance and value for backup, recovery and archiving environments. Feature-rich and compact in a 2U 19-inch rackmount form-factor, the Q24 offers outstanding capacity and throughput while providing a cost-effective solution. While compact in size, the Q24 offers throughput and capacity scaling by upgrading from one to two drives and from LTO-6 or LTO-7 to LTO-8 technology thus offering tangible investment protection.

## HIGHLIGHTS

- Uses LTO tape drive technology
- 24 cartridge slots, two 12-slot magazines
- Single-slot I/O port
- Two half-height LTO-6, LTO-7 or LTO-8 tape drives
- Up to 720TB with LTO-8 compression at 2.5:1
- 2U height x 19-inch rackmount
- Barcode reader comes standard for fast inventory
- Remote management simplifies IT administration

## KEY FEATURES & BENEFITS

From easy installation to easy maintenance, the Q24 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.



*Compact LTO Tape Library designed for SMB and distributed environments.*

## Q24 Specifications

| | |
|---|---|
| Drive Type | LTO Ultrium 6, 7 or 8 |
| Drive Interfaces | SAS or FC |
| Number of Tape Drives | 1-2 |
| Number of Cartridge Slots | 24 |
| I/O Port / Slots | 1 |
| Native Capacity – LTO-6 | 60TB |
| Up to Max Compressed (2.5:1) Capacity – LTO-6 | 150TB |
| Native Capacity – LTO-7 | 144TB |
| Up to Max Compressed (2.5:1) Capacity – LTO-7 | 360TB |
| Native Capacity – LTO-8 | 288TB |
| Up to Max Compressed (2.5:1) Capacity – LTO-8 | 720TB |
| Native Data Rate – LTO-6 | 160MB/s |
| Native Data Rate – LTO-7 | 300MB/s |
| Native Data Rate – LTO-8 | 300MB/s |
| Barcode Reader | Standard |
| Rack Mount Kit | Standard |
| Height | 2U (3.5" / 8.9cm) |
| Width | 17.6" / 44.7cm |
| Depth | 29.1" / 74.0cm |
| Weight | 34 lb / 15 kg |
| Power | Up to 4A @100VAC, 2A @220 VAC |
| 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