

OVERVIEW

The RLS-8350 is the second generation of Qualstar's well-respected RLS Series of *Simply Reliable*™ automated, high capacity rack mountable tape libraries. Offering superior performance and value, the RLS-8350 base unit provides a capacity of up to 600 terabytes (in LTO-8 native mode). Using data compression, capacity can increase to 1.5 petabytes. The base unit contains 50 tape cartridge slots and a single 4-slot I/O port. It can house up to 4 half-height LTO-6, LTO-7 or LTO-8 tape drives.



RLS-8350 is the entry level system for Qualstar's series of scalable midrange LTO libraries capable of storing over 12PB of compressed data in its largest configuration.

ENGINEERED FOR RELIABILITY

- Auto-connecting, user-installable tape drives
- All brushless motors
- Self-calibrating all-digital servo control system
- Auto-aligning: No mechanical or electrical adjustments
- Auto-discovery of all components
- Over 2,000,000 MEBF
- Automated tape drive cleaning
- Filtered, forced-air cooling

COMPREHENSIVE USER INTERFACE

- Color LCD touch control panel and menu system for easy installation, configuration, operation and maintenance
- Q-Link browser-based remote library manager

VERSATILITY

- Expandable in the field to 410 slots and 19 drives
- Encryption key management
- Fibre Channel and SAS drive interface support
- Logical library partitioning

VALUE

- Three year warranty
- Simple, easy-to-use encryption
- Field expandable by user
- N+1 power option
- All open slots; no additional slot license required

EFFICIENT MEDIA CONTROL

- Barcode scanner
- 4-slot I/O port
- Key-lockable tape cartridge bays

SPECIFICATIONS	RLS-8350	EXPANDABLE TO
Drive Types	LTO-6, LTO-7 and LTO-8	
Number of Drives	1 – 4	Up to 19
Number of Tape Cartridges	50	Up to 410
I/O Port /Slots	1 port with 4 slots	Up to 7 ports, 4 slots ea.*
Native Capacity – LTO-6	125TB	Up to 1.03PB
Native Capacity – LTO-7	300TB	Up to 2.46PB
Native Capacity – LTO-8	600TB	Up to 4.92PB
Compressed Capacity – LTO-6	312TB	Up to 2.56PB
Compressed Capacity – LTO-7	750TB	Up to 6.15PB
Compressed Capacity – LTO-8	1.5PB	Up to 12.3PB
Max Native Data Rate – LTO-6	2.3TB/hr.	10.9TB/hr.
Max Native Data Rate – LTO-7	4.3TB/hr.	20.5TB/hr.
Max Native Data Rate – LTO-8	4.3TB/hr.	20.5TB/hr.
Library Interface	ADI	
Drive Interfaces	SAS, FC	
Field Expansion	n/a	1-3 expansion modules**
Time to Scan All Barcodes (secs)	< 112	< 149
Barcode Reader	Standard	
Rackmount Kit	Standard	
Height (in/cm)	6U (10.5" / 26.7cm)	Up to 36U (63" / 160cm)
Width (in/cm)	17.5" / 44.5cm	
Depth (in/cm)	35.8" / 91cm	
Power Consumption (Watts, avg.)	85	170

* Each additional I/O port reduces number of usable slots by 6.

** Each expansion module has 120 slots (114 or 108 if one or two I/O ports are included).