



Scalar 24

Enterprise-Class Data Protection
Entry-Level Affordability

The Quantum® Scalar® 24 is an outstanding value for IT departments that have outgrown autoloaders. A compact, two-drive library, the Scalar 24 combines enterprise-class features and performance with entry-level affordability and ease of use. Ideal for unattended workgroup backup and restore, the Scalar 24 provides the highest performance LTO and SDLT technology available, user-friendly “no-manual” operation, and upgrade options for advanced management and intelligent storage networking support. In addition, the library’s storage networking options enable Native Fibre and SCSI connectivity for today’s backup consolidation needs. The Scalar 24 is backed by the industry’s most complete three-year warranty and service coverage from Quantum, the leader in open-systems automated tape storage.

Easy-to-install dual drives, remote management, and storage networking controller all integrated in only 4U of rack space.



LTO OR SDLT DRIVE SUPPORT










1 OR 2 DRIVES

UP TO 24 CARTRIDGES

UP TO 38.4TB CAPACITY

NATIVE FIBRE AND SCSI CONNECTIVITY

FEATURES AND BENEFITS

-  Industry-leading value—enterprise-class data protection at entry-level pricing
-  High performance—supports next-generation super drives and WORM
-  Ease of use—intuitive, user-friendly interface for system setup, control, and monitoring; integrated barcode reader
-  Choice of easy-to-implement Native Fibre or SCSI connectivity
-  Compact size—space-efficient unit packs up to 38.4TB in only 4 rack units; sized for desktop or rack use
-  Trouble-free upgrade—plug-and-play installation of second drive, remote management, and storage networking support
-  Built-in partitioning—can operate as two separate autoloaders for even higher value and convenience
-  Convenient operation—remote management feature for anytime, anywhere administration
-  No-worry service—Three-year FastExchange™ Warranty provides a replacement unit the next business day

LIBRARY CONFIGURATIONS

Drive Type:	LTO-4	LTO-3	LTO-2*	SDLT 600	SDLT 320
Cartridge Capacity: ¹	24	24	24	21	21
Library Capacity					
Native:	19.2TB	9.6TB	4.8TB	6.3TB	3.4TB
Compressed: ²	38.4TB	19.2TB	9.6TB	12.6TB	6.8TB
Library Transfer Rate					
Native:	864GB/hr	576GB/hr	252GB/hr	258GB/hr	115GB/hr
Compressed:	1,728GB/hr	1,152GB/hr	504GB/hr	516GB/hr	230GB/hr
SCSI Interface:	SCSI LVD, HD68 (LTO and SDLT)				

OPERATION

Cartridge Moves:	14 seconds average
Library Inventory Time:	Less than 2 minutes without barcode scan
Library Management Interface:	Integrated web server (Remote Management Unit)
Indicators:	LCD menu display for drive activity and for alert and error messages
Controls:	5-button keypad; front panel on-off switch
Import/Export:	1 slot

RELIABILITY

Library MSBF/MTBF:	Rated for over 11 years of high duty cycle operation (500,000 MSBF/100,000 hours MTBF)
Library MTTR:	Less than 30 minutes
Diagnostics:	Auto-inventory; on-line diagnostics available through front panel; SNMP alerts via RMU or Quantum Management Console (Fibre Channel); Tape Alert

ENVIRONMENTAL

Electrical:	100-240 VAC; 50-60 Hz; 4.0-1.7A; Auto Voltage Select
Temperature:	50 to 100° F (10 to 38° C) operating
Humidity:	20 to 80% non-condensing operating
Power Consumption Typical:³	
Library with RMU (no drives or SNC):	27W, 92.1 BTU/hr
LTO-3 drive sled (each):	36W, 123 BTU/hr
LTO-2 drive sled (each):	36W, 123 BTU/hr
SDLT 600 drive sled (each):	33W, 113 BTU/hr
SDLT 320 drive sled (each):	35W, 120 BTU/hr

COMPLIANCE AND CERTIFICATION

Safety:	C-TUV-US, TUV/GS, IEC 60950 with worldwide country deviations
Emissions:	FCC, ICES VCCI, BSMI, CISPR 22 and EN 55022 Class A; EN 61000-3-2; EN 61000-3-3
Immunity:	CISPR 24, EN 55024
International:	CE

STORAGE NETWORKING SUPPORT

Platform/Connectivity:	NFC, SCSI
	LTO-2 NF
	LTO-3 NF
	LTO-4 NF

Consult the most recent Software Compatibility Guide at www.adic.com for a complete list of software and platforms compatible with the Scalar 24.

PHYSICAL

System	HxWxD
Dimensions, Desktop:	17.9"W x 25.8"D x 7.7"H (45.5cm x 65.4cm x 19.4cm)
Dimensions, Rack Mount:	17.6"W x 23.6"D x 6.8"H (44.7cm x 60.0cm x 17.2cm)
Rack Height:	7" (17.8cm), or 4 rack units
Weight w/1 Drive:	56.6 lbs (25.7kg)
Weight w/2 Drives:	66.7 lbs (30.3kg)
Shipping Weight:	Up to 85 lbs (38.2kg)

DRIVE CAPACITY AND PERFORMANCE

Drive Type	Cartridge Capacity Native/Compressed ¹ (GB)	Drive Throughput Native/Compressed ¹ (MB/sec)	Data Buffer (MB)	File Access Time (sec)
LTO-4	800 / 1,600	120 / 240	256	49
LTO-3	400 / 800	80 / 160	128	49
LTO-2	200 / 400	Up to 35 / 70	64	49
SDLT 600	300 / 600	36 / 72	64	79
SDLT 320	160 / 320	16 / 32	64	70

Please see www.adic.com/drives for more drive specifications.

1. Includes mailbox. 2. Assumes 2:1 compression for LTO and SDLT. 3. Power consumption is obtained using RMS values for voltage and current. Drive sled consumption is taken while writing to a tape.

Model Numbers and Descriptions * LTO-2 drives are not available for sale in Europe.

9-01575-01	(1) LTO-4 SCSI drive, 24 slots	9-00706-02	(1) LTO-3 SCSI drive, 24 slots	9-00798-01	(1) LTO-2 SCSI drive, 24 slots*
9-01576-01	(2) LTO-4 SCSI drives, 24 slots	9-00707-02	(2) LTO-3 SCSI drive, 24 slots	9-00799-01	(2) LTO-2 SCSI drives, 24 slots*
9-01579-01	(1) LTO-4 Native Fibre drives, 24 slots	9-00710-02	(1) LTO-3 Native Fibre drive, 24 slots	9-00536-01	(1) SDLT 600 SCSI drive, 21 slots
9-01580-01	(2) LTO-4 Native Fibre drives, 24 slots	9-00711-02	(2) LTO-3 Native Fibre drives, 24 slots	9-00537-01	(2) SDLT 600 SCSI drives, 21 slots
		9-00662-01	(1) LTO-2 Native Fibre drive, 24 slots*	9-00218-02	(1) SDLT 320 SCSI drive, 21 slots
		9-00663-01	(2) LTO-2 Native Fibre drives, 24 slots*	9-00219-02	(2) SDLT 320 SCSI drives, 21 slots

 For contact and product information, visit quantum.com or call 800-677-6268

Quantum®

Backup. Recovery. Archive. It's What We Do.

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About Quantum

Quantum Corp. (NYSE:QTM) is the leading global storage company specializing in backup, recovery and archive. Combining focused expertise, customer-driven innovation, and platform independence, Quantum provides a comprehensive range of disk, tape, media and software solutions supported by a world-class sales and service organization. As a long-standing and trusted partner, the company works closely with a broad network of resellers, OEMs and other suppliers to meet customers' evolving data protection needs.