



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

**OPERATION**

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

**RELIABILITY**

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

**ENVIRONMENTAL**

<b>Electrical:</b>	100-240 VAC; 50-60 Hz; 4.0-1.7A; Auto Voltage Select
<b>Temperature:</b>	50 to 100° F (10 to 38° C) operating
<b>Humidity:</b>	20 to 80% non-condensing operating
<b>Power Consumption Typical:<sup>3</sup></b>	
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**

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

**STORAGE NETWORKING SUPPORT**

<b>Platform/Connectivity:</b>	NFC, SCSI
	LTO-2 NF
	LTO-3 NF

Consult the most recent Software Compatibility Guide at [www.adic.com](http://www.adic.com) for a complete list of software and platforms compatible with the Scalar 24.

**PHYSICAL**

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

**DRIVE CAPACITY AND PERFORMANCE**

Drive Type	Cartridge Capacity Native/Compressed <sup>1</sup> (GB)	Drive Throughput Native/Compressed <sup>1</sup> (MB/sec)	Data Buffer (MB)	File Access Time (sec)
LTO-3	400 / 800	80 / 160	64	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](http://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.

9-00706-02	(1) LTO-3 SCSI drive, 24 slot	9-00798-01	(1) LTO-2 SCSI drive, 24 slots*
9-00707-02	(2) LTO-3 SCSI drive, 24 slots	9-00799-01	(2) LTO-2 SCSI drives, 24 slots*
9-00710-02	(1) LTO-3 Native Fibre drive, 24 slots	9-00536-01	(1) SDLT 600 SCSI drive, 21 slots
9-00711-02	(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](http://quantum.com) or call **800-677-6268**

# Quantum®

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

©2007 Quantum Corporation. All rights reserved. Quantum, the Quantum logo, and all other logos are registered trademarks of Quantum Corporation or of their respective owners.

**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.