



SCALAR 24

Enterprise-Class
Data Protection.
Entry-Level Affordability.

LTO OR SDLT DRIVE SUPPORT

1 OR 2 DRIVES

UP TO 24 CARTRIDGES

UP TO 19.2TB CAPACITY

NATIVE FIBRE AND SNC
CONNECTIVITY OPTIONS

The ADIC® 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 SNC 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 ADIC, 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.

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 SNC 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: ¹	24	24	21	21
Library Capacity				
Native:	9.6TB	4.8TB	6.3TB	3.4TB
Compressed: ²	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

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 ADIC 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
SNC® 4000 (FC):	49W, 167.2 BTU/hr

PHYSICAL

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)
w/2 Drives:	66.7 lbs (30.3kg)
Shipping Weight:	Up to 85 lbs (38.2kg)

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:	SNC 4000 (1 FC type LC x 2 LVD SCSI) LTO-2 NF LTO-3 NF
FC Features:	End-to-end data path readiness checks, error recovery, and SAN security for improved reliability. Drive performance optimization and serverless backup for higher performance.

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

DRIVES AND PERFORMANCE²

Drive Type	Cartridge Capacity Native / Compressed (GB)	Drive Throughput Native / Compressed (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 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.

ABOUT ADIC

Advanced Digital Information Corporation (ADIC®) is a leading provider of Intelligent Storage™ solutions to the open systems marketplace. ADIC is the world's largest supplier of automated tape systems using the drive technologies most often employed for backing up open system, client-server networks. The company's data management software, storage networking appliances, and disk-to-tape data protection solutions provide IT managers innovative tools for storing, managing and protecting their most valuable digital assets in a variety of disk and tape environments. ADIC storage products are available through a worldwide sales force and a global network of resellers, OEMs and partnerships, including Apple, Dell, EMC, Fujitsu-Siemens, HP, IBM and Sun.

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Intelligent Storage Is Having a Connectivity Choice

ADIC storage networking libraries offer a choice of Native Fibre and SNC connectivity options for easier backup consolidation.



* Market share from Gartner Dataquest, *Tape Automation Systems Market Shares, 2004*, F.Yale, August 2005.