

Now with iSCSI Connectivity



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

iSCSI OR FC 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. ADIC offers Scalar 24 customers easy scalability to keep pace with data growth through its simple trade-up program to our award-winning Scalar 100 library.* In addition, the library’s storage networking options enable iSCSI or Fibre Channel (FC) 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
- ▶ Ease of use—intuitive, user-friendly interface for system setup, control, and monitoring; integrated barcode reader
- ▶ Choice of easy-to-implement iSCSI, Native Fibre drives, or full FC connectivity option
- ▶ 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
- ▶ Drive investment protection—easy trade-up program to ADIC’s midrange Scalar 100 library
- ▶ No-worry service—Three-year FastExchange™ Warranty provides a replacement unit the next business day

* When purchasing a fully-configured Scalar 100 with at least one additional drive. Limited to same drive technology. Limited time offer, call ADIC for details.



LIBRARY CONFIGURATIONS

Drive Type:	LTO-3	LTO-2	LTO-1	SDLT 600	SDLT 320
Cartridge Capacity: ¹	24	24	24	21	21
Library Capacity					
Native:	9.6TB	4.8TB	2.4TB	6.3TB	3.4TB
Compressed: ²	19.2TB	9.6TB	4.8TB	12.6TB	6.8TB
Library Transfer Rate					
Native:	504GB/hr	252GB/hr	108GB/hr	258GB/hr	115GB/hr
Compressed:	1,008GB/hr	504GB/hr	216GB/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

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)

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
LTO-1 drive sled (each):	49W, 167 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
SNC® 4501 (iSCSI):	17W, 59.4 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:	SNC 4000 (1 FC type LC x 2 LVD SCSI) SNC 4501 (2 GbE 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.
iSCSI Features:	Redundant Ethernet connections, error recovery, web-based management, and a step-by-step deployment path to backup consolidation.

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	70 / 140	64	49
LTO-2	200 / 400	Up to 35 / 70	64	49
LTO-1	100 / 200	15 / 30	32	54
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 and OEMs, including Cray, Dell, EMC, Fujitsu-Siemens, HP, IBM and Sun.

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Intelligent Storage Is Investment Protection

Trade-in your Scalar 24 for a Scalar 100 when you need more capacity or performance. It's no-risk drive investment protection.



* Market share from Gartner Dataquest, Tape Automation Systems Market Shares, 2003, F.Yale, April 2004.