

AIT SUBSYSTEM

AIT 70D / AIT 100D

AIT-1 OR AIT-2 DRIVE

ONE AIT CARTRIDGE

UP TO 100GB CAPACITY

UP TO 43GB/HOUR TRANSFER RATE

FEATURES AND BENEFITS

- ➔ Choice of AIT-1 or AIT-2 technology for fast throughput and high capacity storage
- ➔ 27-second average file access provided by MIC technology makes AIT drives the preferred choice for rapid file recovery
- ➔ Integrated LCD continuously displays drive, media, and operating conditions to minimize operator error
- ➔ Up to 100GB per cartridge means high capacity for today's rapid data growth
- ➔ Up to 43GB/hour sustained transfer rate provides high throughput for shrinking backup windows
- ➔ Full application support—integrates seamlessly into Windows NT, NetWare, and UNIX operating systems with all leading backup and archive applications
- ➔ Free 24-hour help desk support included
- ➔ Three-year warranty for industry leading investment protection



The ADIC AIT Subsystems provide the speed and capacity of the latest AIT™ drive technology to offer high performance backup for single workstations and small networks. AIT technology features up to 100GB capacity per cartridge and sustained throughput of up to 43GB/hour. The AIT Memory-In-Cassette (MIC) feature and dual tape spool cartridge mean fast access to data with average file access times of as little as 27* seconds. All models feature an integrated LCD display for continuous, easy-to-understand drive and media status information.



The AIT Subsystem's integrated LCD provides continuous, easy-to-understand media and drive status information.

DRIVES AND PERFORMANCE

	AIT 70d	AIT 100d
Drive Type:	AIT-1	AIT-2
Data Capacity¹		
Native:	35GB	50GB
with 2:1 Compression:	70GB	100GB
Transfer Rate		
Native:	180MB/min	360MB/min
with 2:1 Compression:	360MB/min	720MB/min
Interface:	SCSI-2, Fast/Wide SE or HVD	SCSI-2, Fast/Wide LVD/SE or HVD
File Access Time (Avg):	< 37 seconds	< 27 seconds
Data Compression:	ALDC (Adaptive Lossless Data Compression)	
Recording Format:	Helical Scan	Helical Scan
Data Buffer:	4MB	4MB
Media:	SDX1-35C	SDX2-50C
Tape Length:	230m	230m
Recording Density:	116,000 bits/in	167,000 bits/in

OPERATION

Indicators:	Drive/tape status LCD; Busy, tape and status LEDs
Controls:	Tape unload

RELIABILITY

Hard Error Rate:	1 in 10 ¹⁷ bits
Tape Shelf Life:	30 years minimum (at 20°C, 40% RH)
Maintenance:	Cleaning not required unless indicated by drive LCD
Drive MTBF:	Greater than 200,000 power-on hours
MTTR:	Within 30 minutes (drive replacement)
Error Correction Code:	Read-After-Write, Enhanced C3 ECC

PHYSICAL

Dimensions:	4.75" W x 9.0" D x 4.0" H (12.1cm x 22.9cm x 10.2cm)
Weight:	5.5 lbs (2.5kg)

ENVIRONMENTAL

Electrical:	100-120 / 200-240 VAC, 50-60 Hz, 0.50-0.25A Auto Voltage Select
Altitude:	10,000 ft (3076m)
Temperature:	5 to 40°C operating
Humidity:	20 to 80% non-condensing operating
Noise Level:	<35 dBA
Vibration:	0.25g (5-500-5 Hz) operating 0.50g storage/shipping
Shock:	2g operating, 30g storage/shipping Impact tested per ISTA for storage/shipping
BTU/Hour:	125

COMPLIANCE AND CERTIFICATION

Safety:	UL-1950/CUL C22.2 No. 950, TUV EN 60950
Emissions:	FCC #47, Part 15, EN 55022, Class B
Immunity:	EN 50082-1
International:	CE

SOFTWARE AND PLATFORMS

Consult the most recent ADIC Software Compatibility Guide for a complete list of software and platforms compatible with the AIT subsystem.

¹ Based on 230m media. For 170m, also available, reduce capacity by ~28%.



For further information, contact your local ADIC dealer.

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