

Features and Benefits

High Performance at Entry-Level Pricing

Uniquely combined, advanced state-of-the-art packaging, robotic design, and AIT tape technology enable extremely low cost of ownership.

Proven Reliability.

Simplicity of design, intelligent robotic mechanism, proven AIT technology and automatic head cleaning all stack up to ensure trouble-free operation.

Drive Technology Independence.

Facilitates an easy and seamless migration tape path with all half-inch linear soft load tape drives.

3-year Warranty.

Includes Advance Replacement Program.
For warranty details see www.breecehill.com

Configuration Scalability Means Investment Protection.

Beginning with AIT-1, AIT-2 and AIT-3 drives through future generations of AIT tape technology means real investment protection for many years.

Optional rackmount kit enables two 8PAKs to fit side-by-side in a standard 19" rackmount cabinet extending its application into multi-server environments.

Easy Management.

Front panel door enables easy loading and unloading of tape cartridges.

Automatic head cleaning ensures low maintenance overhead.

User-friendly display and keypad operation allows fast and easy setup and monitoring.

Locking front panel ensures data cartridge security.



The Breece Hill 8PAK helical scan (8mm) autoloader is the ideal entry-level tape automation solution whether you are upgrading from a single tape device, DDS Autoloader or installing your first tape solution. The 8PAK offers outstanding capacity and solid performance at a great price. The easy to use compact tabletop package is a great way to enter the world of automated backup. Leveraging proven reliable robotics and the performance and space efficiency of the AIT tape drive, the 8PAK autoloader is ideal for backup and restore in today's single server environment. The standard 3-year warranty, which includes the Advance Replacement Program, dramatically lowers the total cost of ownership even further. By taking advantage of future generations of AIT tape technology, your investment is protected for many years. The 8PAK offers 2.08 TB of data storage at a transfer rate of up to 112 GB per hour with AIT-3. The exclusive AIT memory-in-cassette (MIC) feature means fast file access times and the automatic head cleaning feature make this affordable solution fast and smart.*

The 8PAK is an affordable solution that accommodates a single AIT drive and eight AIT tape cartridges. A single unit easily fits on a standard tabletop or two units fit side-by-side in a standard 19" rackmount cabinet extending its application into multi-server environments. The 8PAK is easy to operate and compatible with all major storage management software applications.

*Compression 2.6:1

Specifications

Configuration	1 Drive	8 Cartridges	
Model & Performance	8PAK-1	8PAK-2	8PAK-3
Drive	AIT-1	AIT-2	AIT-3
Library Storage Capacity			
Native/Compressed*	280/728 GB	400/1040 GB	800/2080 GB
Data Transfer Rate			
Native	4 MB/sec	6 MB/sec	12 MB/sec
Compressed*	10.4 MB/sec	15.6 MB/sec	31 MB/sec
Data Cartridge Capacity			
Native/Compressed*	35/90 GB	50/130 GB	100/260 GB
Average File Access Time	27 sec	27 sec	27 sec
Data Compression	ALDC	ALDC	ALDC
Data Buffer	8 MB	10 MB	18 MB
Drive MTBF	250,000 hrs	250,000 hrs	400,000 hrs
Media	AME	AME	AME
Library Control Interface	LVD	LVD	LVD
Drive Interface	ULTRA SCSI, Fast/Wide LVD	ULTRA 2 SCSI LVD	ULTRA 160 LVD

Library Operation

Average Cartridge Access	12 sec
Cartridge Inventory Time	20 sec
Power On to Ready	less than 60 sec

Library Reliability

Drive Hard Error Rate	Less than 1 in 10 ¹⁷ bits read error
Drive Maintenance	Automatic head cleaner and cleaning cartridge as required
Library MSB	250,000
Library MTTR	<30 min
Library MTBF	250,000 hrs

Environmental

Height	Tabletop: 7.25 inches (18.4 cm); Rackmount: (4U) 7 inches (17.8 cm)
Depth	18.25 inches (46.4 cm)
Width	8.63 inches (21.9 cm)
Operating Temperature	+5° to +40° C (41° to 104° F)
Operating Humidity	20% to 80% non-condensing
Weight	22.5 lbs (10.2 kg) operational, 30 lbs (13.6 kg) shipping
Power Requirements	100-240 VAC, 50/60 Hz, 30 Watts typical
SCSI Connectors	Two-68 Pin High-density

Compliance & Agency Approvals

Safety	UL 60950, cUL (CSA 22.2-60950), IEC 60950, CB Report
Emissions	FCC Part 15 Class B, CISPR 22 Class B
CE	(EN 55024, EN 60950, EN 55022, EN 61000-3-2, EN 61000-3-3)

Warranty**

3 Year Warranty	Includes Advance Replacement Program
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Options

Configuration	Rackmount Kit
Drive Type	AIT-1, AIT-2 or AIT-3

Accessories Included

Power Cord
Active SCSI Terminator
User's Manual on CD-ROM
Quick-Start Card

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