

# PROFESSIONAL BACKUP TECHNOLOGY

## AIT (Advanced Intelligent Tape)



### AIT TECHNOLOGY

#### -GENERATIONS

The new range of AIT TURBO products is born out of the aim of adjusting to the company's growing storage needs as well as offering competitive prices.

The **AIT E-TURBO** is available both in **IDE and in SCSI formats**. It has a capacity of 20 native GB and a transfer speed of 6MB/s without compression.

The MAST Storage **AIT-1 TURBO** offers 40 GB of native capacity, 6 MB/s uncompressed transfer rate and it is available with **ATAPI** or **SCSI** interface.

The second generation, **AIT-2 TURBO**, offers 80 GB native and 12 MB/s transfer rate (and it is available with **ATAPI** or **SCSI** interface); the third generation, **AIT-3**, backups 100 GB in one tape and it is available with **SCSI** interface.

**AIT-4** has 200 GB of native capacity and 24MB/s of uncompressed transfer rate. It is available with **SCSI** interface.

#### -BACKWARDS COMPATIBILITY

Backwards reading and writing compatible is guaranteed with AIT, to protect the user investment, as a standard.



#### -8 MM TECHNOLOGY

AIT format is like DDS a small cartridge. It's an 8 mm technology with high performance and capacities.

#### -SERVO TRACKING

The servo tracking system allows very high densities.

#### -ACTIVE CLEANING HEAD

When the AIT detects dust, automatically the Active Cleaning Head is activated and the user doesn't have to do anything.

## AIT (Advanced Intelligent Tape) Technical Specifications



	AIT E-TURBO	AIT 1 TURBO	AIT 2 TURBO	AIT 3	AIT 4
Format			5.25"		
Native capacity	20 GB	40 GB	80 GB	100 GB	200 GB
Compressed capacity *	52 GB	104 GB	208 GB	260 GB	520 GB
Transfer rate					
Native/Compression *	6-15,6 MB/s	6-15,6 MB/s	12 - 31.2 MB/s	12-31.2 MB/s	24-62,4 MB/s
Read / write compatibility	AIT E- TURBO	AIT E- TURBO, AIT-1, AIT-1 TURBO	AIT E-TURBO, AIT-1, AIT-1 TURBO, AIT-2, AIT-2 TURBO	AIT-1, AIT-2, AIT-3	AIT-1, AIT-2, AIT-3, AIT-4
Interface	ATAPI or SCSI SE/LVD 68 pins			Ultra 160 SCSI SE / LVD 68 pins	
Reliability (MTBF)	300.000 hours			400.000 hours	
Media	Media without MIC AIT E-TURBO	Media with or without MIC AIT-1 TURBO	Media with or without MIC AIT-2 TURBO	AIT 3 100GB	AIT 4 200GB
Time data are kept	30 years				
Official operating systems	Driver for Windows 00/NT/XP/03 Software required for Windows 95/98/Me, Novell				

\* 2.6:1 compression

### What's in the box?

- The **Bulk format** includes device and **3 years warranty**.
- The **retail format** includes device, active terminator, ATAPI/SCSI cable, manual and **3 years warranty**.
- The **SuperMast format** includes device, active terminator, ATAPI/SCSI cable, manual, **Storage Kit** and **3 years warranty**.

