



## AIT Turbo drives, the fastest drives in their class

Record 20GB in less than one hour at up to native 6MB/sec

Available with low cost ATAPI interface for entry servers

HP Proliant compatibility tested for simple integration

Higher capacity than DDS-4 / DAT40 at 52GB compressed for a lower cost

### Why AIT Turbo?

The AIT-E Turbo drives provide higher performance, higher capacity and higher reliability than DDS-4 / DAT40 but cost less.

Turbos are the fastest in their class. With a native transfer rate of 21.6GB/h, they can fill a 20GB cassette in less than an hour. That means they're twice as fast as DDS-3 with twice the capacity, at a similar price point.

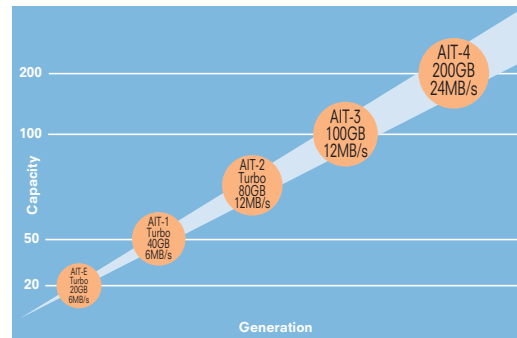
Because they're part of the proven AIT family, Turbo has all the great qualities you'd expect: things like assured compatibility with key servers, and with other AIT versions.

Compared to DDS3, AIT Turbo proven technology gives them more than 7.5 times the reliability: 300,000 hours Mean Time Between Failures (MTBF), compared to just 36,000. You won't find a more reliable drive.

The drives are available as internal ATAPI or SCSI or external SCSI versions.

### Key features and benefits

- 20GB to 52GB cartridge capacity for AIT-E
  - 2x capacity of DDS3 for the same price
- Up to 21.6GB/h native transfer rate
  - AIT-E is 6 times faster than DDS-3
- HP Proliant, IBM, Dell, Fujitsu Siemens server compatible
  - Trouble free installation into major European Servers
  - for further information on compatibility, visit [www.sonyisstorage.com](http://www.sonyisstorage.com)
- ATAPI interface version available
  - Extra SCSI interface card is not required for entry-level server
- High reliability drive and robotic 300,000 hours MTBF
  - AIT-E is 7.5 times more reliable than DDS3
- 3.5" tape drive form factor with optional 5.25" adaptor
  - Same drive size as DAT drives
- AME Binder free AIT media for cleaner R/W Head
  - Less head clogging, less cleaning required, higher reliability



### Specifications

Model Name	AITi50S	AITi50AS	AITe50S
Tape Drive Type	Internal SCSI	Internal ATAPI	External SCSI
Native Capacity	20GB		
Compressed Capacity*	52GB*		
Native Sustained Transfer Rate	21.6GB/h, (6MB/s)		
Interface	Wide Ultra SCSI LVD/SE	ATA/ATAPI (Ultra ATA100)	Wide Ultra SCSI LVD/SE
Burst Transfer Rate	40MB/s	100MB/s	40MB/s
Hardware Data Compression	ALDC (Adaptive Lossless Data Compression)		
Error Rate	< 10 <sup>-17</sup> bits		
Buffer Size	12MB		
MTBF (100% duty cycle)	300,000 hrs		
Head Life	50,000 hrs (typical)		
Dimension (W,H,D) mm	3.5": 101.6 x 41.2 x 155 5.25": 146 x 41.2 x 155		198 x 64.5 x 246
Power consumption (write operation)	10W	7W	20W
Operating Environment Temperature	5°C to 40°C		
Operating Humidity	20 to 80% (26°C)		
Weight	970g		2.4 Kg

\*assuming 2.6:1 max compression ratio

## Supplied Accessories

### AITi50S and AITi50AS (internal):

3.5" AIT-E tape drive, 5.25" front bezel adaptor attached, Black mounted front bezel with spare white front bezel kit, Quick Start Guide, HP ProLiant rails, HP ProLiant Installation and Disaster Recovery Tape Function Configuration Guide, CD-ROM (device driver and operating instructions), Mounting screws, Warranty pack, Rapid Replacement Service.

### AITe50S (external):

External AIT-E drive, Warranty pack, Rapid Replacement Service, User guide printed or on Device driver CD, Quick start guide, SCSI cable (68 pin – 68 pin), SCSI terminator and power cable (EU +UK).



## Optional Accessories

BUP-AIT50	Backup Upgrade Pack with 4 data cartridges, one cleaning cartridge and Dantz® Retrospect® Backup software.
TAITE-20N	Sony AIT-E Turbo 20GB Data Cartridge
SDX1-CL	Sony AIT Cleaning Cartridge

### For AITi50S only:

KIT-RM	1U Height 19" Computer Rackmount Kit for max. x2 AIT drives
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