

AIT-3Ex tape drives; the perfect upgrade drive for existing AIT users

150GB capacity in the same size as a DAT drive

High performance at 18MB/s

Backwards compatibility with previous AIT generations

Why AITi390S and AITe390SBK?

Once you make a decision to use a tape technology, you need to be sure that your investment will be protected in the future with backwards compatibility of older media in new drives. AIT-3Ex is the perfect upgrade drive for any current AIT user. With backwards compatibility with all of the lower capacity generations of AIT (including the AIT Turbo media), you can feel confident that your previous tapes can be used as needed.

However, if you want to get the maximum benefit from AIT-3Ex, then start using the 150GB media and get the high 18MB/s performance that the drive can offer. AIT-3Ex has been designed with the past, but also the future in mind. Not only will today's AIT-4 drive support the new AIT-3Ex media¹, but also the forthcoming AIT-5 drives too.

As with all Sony StorStation AIT drives the models come with an hp ProLiant[®] server installation kit (internal model only), a bundled backup software package and 3 year Rapid Replacement warranty. The drives are equipped with a dust-protective bezel that ensures the reliability in harsh environments and are tested for compatibility with major vendor servers from hp, IBM, Dell and Fujitsu-Siemens.

Whatever your reason for using AIT; upgrade to AIT-3Ex and your data's future will be secure.

¹ Drives older than August 2006 require firmware update

Key features and benefits

- Compatibility with AIT-1, AIT-2, AIT-3 (including Turbo²) media
 - Easy integration into existing AIT tape environments
- Small SuperDrive with 150GB capacity
 - Same size as a DAT drive
- Each AIT-3Ex drive has a MTBF (Mean Time Between Failure) of 400,000 hrs
 - Compared to just 250,000 hrs for rival technologies – your business is more secure
- Provided with HP ProLiant server installation kit
 - Easy integration together with a 3 year warranty ensuring total piece of mind solutions
- Only AIT offers dust-protective bezels that seal the mechanism even when the media is ejected
 - A dependable tape drive that works well and ensures consistent performance even in dusty office environments
- AME Binder free AIT media for cleaner R/W Head
 - Less head clogging, less cleaning required, higher reliability

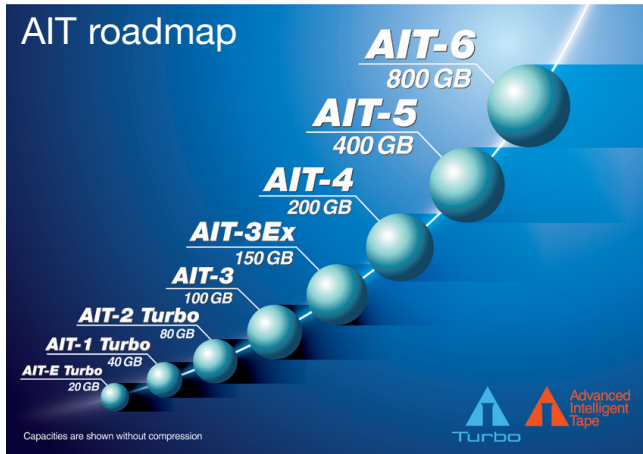
² Turbo compatibility available August 2006

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StorStation

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Specifications

Model Name	AITi390S		AITe390SBK
Drive Type	Internal with dust cover		External with dust cover
Native capacity	150GB (with AIT-3 Ex 150GB data cartridge)		
Compressed capacity	390GB* (with AIT-3 Ex 150GB data cartridge)		
Native sustained transfer rate	18MB/s (with AIT-3 Ex data cartridge)		
Burst transfer rate	160MB/s		
Interface	Ultra 160 SCSI LVD/SE		
Interface configuration	68-pin High density connector		
Hardware data compression	ALDC(Adaptive Lossless Data Compression)		
Error rate	Less than 10 ⁻¹⁷		
Buffer size	96MB		
MTBF	400,000POH(duty100%)		
Head life	50,000hours (typical)		
Dimensions (Excluding projection)	3.5": 101.6(W) x 41.2(H) x 155(D)mm 5.25": 146(W) x 41.2(H) x 155(D)mm	198(W) x 64.5(H) x 246(D)mm	
Weight	3.5": 780g, 5.25": 1,010g	2.4kg	
Power consumption (write operation)	17W	20W	
Safety regulations	UL/cUL/TUV/CB	UL/cUL/TUV/CB/Low Voltage Directive (CE mark)	
EMC	EMC Directive(CE mark)/Korea EMC/Taiwan EMC/EMC FRAMEWORK	FCC/IC/EMC Directive(CE mark)/Korea EMC/Taiwan EMC/EMC FRAMEWORK/VCCI	
Operating environment	Temperature	5 to 40°C (T<10°C/h)	5 to 35°C (T<10°C/h)
	Humidity	20 to 80% RH(non-condensing) (max. wet-bulb thermometer: 26°C)	30 to 80% RH(non-condensing) (max. wet-bulb thermometer: 26°C)

*2.6:1 data compressed with ALDC. The data compression rate varies according to the type of data and the rate is generally lower if the data has already been compressed.

Supplied Accessories

AITi390S (internal drive)

3.5" AIT tape drive, 5.25" front bezel adaptor attached, Black mounted front bezel with spare white front bezel kit, Quick start guide, HP Proliant rails + installation flyer, CD-ROM (device driver and operating instructions), Mounting screws, Warranty flyer, WEEE recycling flyer, backup software CD-ROM (check web site for latest version information).

AITe390SBK (external drive)

External black AIT tape drive, Warranty flyer, CD-ROM (device driver and operating instructions), Quick start guide, SCSI terminator and power cable (UK+EU), WEEE recycling flyer, backup software CD-ROM (check web site for latest version information).



Optional Accessories

KITRMEU	1U 19" rack mount kit for maximum two internal tape drives
SDX3X-150C	Sony 150/390GB AIT-3Ex Data cartridge (rewritable)
SDX3X-CL	Sony AIT-3Ex Cleaning Cartridge (only for AIT-3Ex drives)

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