

## Packs 400GB of data into the smallest size of tape

400GB native capacity in the same size as a DAT drive

Backwards compatibility with AIT-3, AIT3-Ex and AIT-4 generations

Write-Once-Read-Many (WORM) compatible

### Why AITi1040S and AITe1040SBK?

With the release of this 5th generation, the Sony AIT format has reached its 10-year anniversary. AIT-5 achieves the original Sony goal to introduce a new generation every 2 years; it also makes it one of the only tape formats in the industry that has delivered against its published roadmap.

AIT offers the market's widest range of data capacities in a single format, with the new AIT-5 delivering a massive 400GB native capacity at 24MB/s native transfer speed. AIT-5 offers read and write backwards compatibility with AIT-3, AIT-3Ex and AIT-4 generations, so is the ideal drive for the current AIT user with fast growing data storage needs. And through the use of Write-Once-Read-Many (WORM) media, it also helps facilitate compliance with European data retention regulations 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 reliability even in harsh environments and are tested for compatibility with major vendor servers from hp, IBM, Dell and Fujitsu-Siemens.

Start squeezing more into your storage solution by choosing AIT-5.

### Key features and benefits

- The smallest tape drive with 400GB native capacity
  - Same size as a DAT drive
- Read and write compatibility with AIT-3, AIT-3Ex and AIT-4 media
  - Easy integration into existing AIT tape environments
- The highest reliability with an MTBF (Mean Time Between Failure) of 400,000 hrs
  - Compared to just 250,000 hrs for rival technologies – your business is more secure
- WORM media supported
  - Facilitates regulatory compliance requirements for long term data archival
- Provided with hp ProLiant server installation kit
  - Easy integration together with a 3 year warranty ensuring total piece of mind solutions
- Dust-protective bezels that seal the mechanism even when the media is ejected
  - Provides consistent performance even in harsh office environments
- AME binder-free AIT media ensures a cleaner read/write head
  - Less head-clogging, less cleaning required, enabling higher reliability

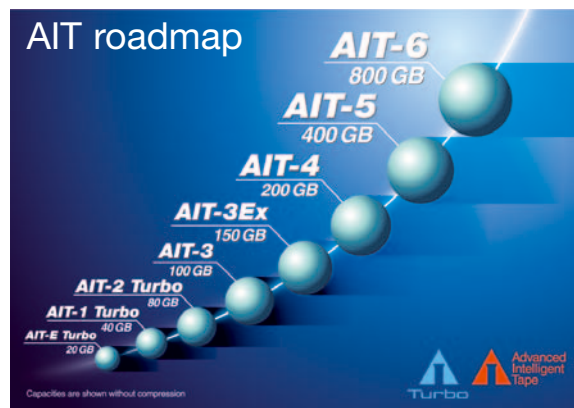
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StorStation

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# SONY



## Specifications

Model Name	AITi1040S		AITe1040SBK
Drive Type	5.25" Internal with dust cover		External with dust cover
Format	AIT-5		
Native capacity	400GB (with AIT-5 data cartridge)		
Compressed capacity	1040GB* (with AIT-5 data cartridge)		
Native sustained transfer rate	24MB/s (with AIT-5 data cartridge)		
Burst transfer rate	160MB/s		
Search speed	2,700MB/s (with AIT-5 data cartridg / native)		
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 <sup>-17</sup>		
Buffer Size	96MB		
MTBF (Mean Time Between Failure)	400,000 POH (duty 100%)		
Dimensions (Excluding projection)	146(W) x 41.2(H) x 155(D)mm	198(W) x 64.5(H) x 246(D)mm	
Weight	3.5": 0.8kg, 5.25": 1.1kg	2.4kg	
Power requirements	DC5V±5%, DC12V±10%		
Input Current (write operation)	DC5V 1.7A (2.5A max) DC12V 0.87A (3.0A max)	AC100V-240V ±10%, 50/60Hz ±5%	
Power consumption (write operation)	26W	28W	
Calory	23 kcal/h	25 kcal/h	
Safety regulations	UL/cUL/TUV/CB	UL/cUL/TUV/CB/Low Voltage Directive (CE mark)/PSB	
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(°CT<10°C/h)	10 to 35°C(°CT<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)
Non-operating limit	Temperature	-40 to 70°C (°CT<20°C/h)	-40 to 70°C (°CT<20°C/h)
	Humidity	5 to 95% (°C RH<30%/h) (max. wet-bulb thermometer < 45°C)	10 to 90% (°C RH<30%/h) (max. wet-bulb thermometer < 45°C)
Altitude	10,000 feet max.		
Warranty	3 year Rapid Replacement		

\*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.  
\*1kByte=1000Byte, 1MByte=1000kByte, 1GByte=1000MByte basis

## Supplied Accessories

### AITi1040S (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, AIT-5 data media, 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).

### AITe1040SBK (external drive)

External black AIT tape drive, Warranty flyer, CD-ROM (device driver and operating instructions), Quick start guide, AIT-5 data media, 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
SDX5-400C	Sony 400/1040GB AIT-5 Data cartridge (rewritable)
SDX5-400W	Sony 400/1040GB AIT-5 Data cartridge (WORM)
SDX5-CL	Sony AIT-5 Cleaning Cartridge (only for AIT-5 drives)

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