



Highlights

- Protect your data investment
 - Increase capacity and flexibility
 - Enhance data security
 - Deliver superior reliability
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IBM 3592 tape cartridge

High-capacity tape media engineered for the enterprise

Today's enterprise data centers face unprecedented data protection challenges. They must satisfy increasing demands for data retention, security and availability while working with reduced budgets. IBM® 3592 tape cartridges are designed to help enterprise data centers address these challenges.

Investment protection

With enterprise tape libraries holding thousands of cartridges, the affordability of keeping the technology current can be significantly impacted by the cost of upgrading the tape media. IBM 3592 tape cartridges support media re-use by enabling the drive to reformat and upgrade prior generation media cartridges. That means existing media cartridges achieve both improved performance and capacity which helps you mitigate the impact of a tape subsystem upgrade.

Increased flexibility

For administrators who require rapid data access or who are looking to lower media costs, IBM offers two different sizes of 3592 tape cartridges. The IBM economy cartridge offers the same quality and benefits as our standard length cartridges, but in a shorter length. This shorter length cartridge is less expensive and enables faster seek times.



Enhanced data security

Data helps your company drive innovation, growth and competitive advantages. Failure to safeguard data can lead to business disruption, lost productivity, negative customer satisfaction and penalties from regulatory violations. The IBM 3592 tape cartridge is designed to protect your data with features such as write-once-read-many (WORM) cartridges, encryption and the ability—in conjunction with the tape drive—to monitor cartridge life. These capabilities work together to help ensure that stored data is secure from loss or corruption.

Superior reliability

To meet the rigorous standards of enterprise data centers, the IBM 3592 tape cartridge features a memory chip that stores performance and usage records. These records are used to proactively determine whether the tape needs to be replaced. The cartridge utilizes thick plastics, ultrasonic welding techniques and tamper-proof screws to provide protection against accidental damage. And the media uses a uniform, ultra-smooth magnetic layer with a refined coating to improve media reliability, increase performance and minimize tape head wear.



Ordering options

IBM 3592 tape cartridges are available in packs of twenty, and cleaning cartridges come in packs of five. Data cartridges can be purchased with or without EBCDIC initialization. Both IBM 3592 tape cartridges and cleaning cartridges can be purchased with or without labels required for use in an IBM tape library.

Feature	Benefits
Media reuse and up-formatting	<ul style="list-style-type: none"> Protects your investment Eliminates the need to change media when upgrading your tape drives Increases capacity without changing media or increasing library size
Reinforced cartridge	<ul style="list-style-type: none"> Safeguards against accidental drops Helps protect your data
Partitioning/IBM Spectrum Archive™†	<ul style="list-style-type: none"> Can eliminate middleware and reduce tape management costs Improves usability by displaying the data stored on the tape in a file tree structure Opens new opportunities for leveraging tape technology in entertainment, manufacturing and medical environments
Virtual backhitch support*	<ul style="list-style-type: none"> Improves performance for small file reads/writes Helps reduce media wear
Industry standard encryption*	<ul style="list-style-type: none"> Enables users to address security concerns by writing encrypted data to tape Compatible across all TS1120 and newer tape drives
High resolution tape directory†	<ul style="list-style-type: none"> Allows high-speed search Increases system performance by retrieving data faster
Statistical Analysis and Reporting System (SARS)*	<ul style="list-style-type: none"> Tape drive monitors cartridge life and usage Helps eliminate data loss due to cartridge failure Provides increased data protection
Scaled media	<ul style="list-style-type: none"> Provides the ability to use a standard tape in a rapid access mode
Economy cartridge	<ul style="list-style-type: none"> Provides faster access to data by reducing the length of the media Reduces cost of ownership through a lower cost per cartridge
Data safe mode	<ul style="list-style-type: none"> Provides WORM-like protection using a standard 3592 cartridge

Cartridge capacities

TS1140						TS1150			
	JJ/JR	JA/JW	JB/JX	JC/JY	JK	JC/JY	JK	JD/JZ	JL
Native Capacity (GB)									
Gen 1 mode	60**	300**							
Gen 2 mode	100**	500**	700**						
Gen 3 mode	128**	640**	1,000						
Gen 4 mode			1,600	4,000	500				
Gen 5 mode						7,000	900	10,000	2,000

Cartridge capacities

Drive type	3592 J1A		TS1120			TS1130		
Cartridge type	JJ/JR	JA/JW	JJ/JR	JA/JW	JB/JX	JJ/JR	JA/JW	JB/JX
Native capacity (GB)								
Gen 1 mode	60	300	60	300		60	300	
Gen 2 mode			100	500	700	100	500	700
Gen 3 mode						128	640	1,000



Take the next step. [Click here.](#)
 See the full list of specifications.

Note: Compressed capacities vary by operating system and drive model compression performance

For more information

To learn more about IBM 3592 tape cartridges, please contact your IBM representative or IBM Business Partner, or visit:

ibm.com/systems/storage/media

You may also contact 1-888-IBM-MEDIA (1-888-426-6334).



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IBM Systems
Route 100
Somers, NY 10589

Produced in the United States of America
October 2015

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Actual available storage capacity may be reported for both uncompressed and compressed data and will vary and may be less than stated.

* When used on TS1120 and newer tape drives

† When used on TS1140 and newer tape drives

** Read only



Please Recycle
