

IBM

OPEN STORAGE



Product Reference Guide
Removable Media Storage

Benefits of IBM Removable Media

- More than 50 years of IBM storage technology leadership!
- IBM media is precision manufactured to tight specifications, ensuring high quality
- IBM storage media is developed and tested with IBM drives to ensure seamless compatibility and optimum performance
- Full range of IBM media - from desktop to enterprise-wide mainframe libraries
- Backed by IBM warranty
- Supported by IBM worldwide sales and service

Trust IBM for your data security



Data storage leadership

For more than 50 years, IBM has been developing innovative media technologies and solutions.

From tape media to optical, IBM media products reflect the high standards of a proven industry leader in storage technology.

As a total storage solutions provider, IBM has developed many of the storage technologies used throughout the world today and it continues to set new media standards for the future. IBM has hundreds of patents to prove this point.

High-quality storage










The reliability of IBM storage products is no accident. These products are specially designed to protect the most important data - yours.

All IBM removable media products are precision manufactured to exact specifications. Each product is then certified before shipment to help ensure consistently high quality and reliability. Moreover, all IBM media is warranted and backed by IBM technical support.

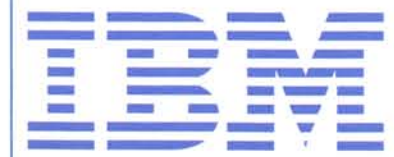
IBM sales and support

To locate your nearest source of ordering, support, warranty, or product-related information regarding IBM removable media storage products, visit: www.ibm.com/storage/media.

IBM value at competitive pricing

Product	Highlights	Technology	Length (m/feet)	Capacity		Part No.	Related Products	Product	Highlights
				Native	Compressed (up to)				
Enterprise Tape 	<ul style="list-style-type: none"> 3592 carts available in 3 lengths supporting fast access or high capacity requirements 3592 carts available in 2 formats: Standard, WORM New TS1130 drive increases capacity and protects your investment with existing cartridges Packaged in Library Packs Custom labeling and initialization services are available Longitudinal recording technique increases capacity and reliability High-capacity cartridges reduce the number of cartridges and tape mounts required in the tape environment, thereby lowering operational costs 	3592 Extended (JB) (JX)	TS1130-E06 Drive 1152 tracks	825/2706	1 TB	3 TB	23R9830	3592 Cleaning Cartridge Leader Pin Attachment Kit 18P7535 18P8887	5.25" optical  <ul style="list-style-type: none"> The lack of physical contact helps improve data integrity High performance provides fast access to information Permanent WORM is designed to meet auditing and legal requirements for unalterable retention of data A compact, economical design is ideally suited for long-term storage
		3592 Cartridge (JA) (JW)		825/2706	1 TB WORM	3 TB WORM	23R9831		
		3592 Economy (JJ) (JR)		610/2001	640 GB	1.9 TB	18P7534		
				610/2001	640 GB WORM	1.9 TB WORM	18P7538		
				246/810	128 GB	384 GB	24R0316		
				246/810	128 GB WORM	384 GB WORM	24R0317		
		3592 Extended (JB) (JX)	TS1120-E05 Drive 896 tracks	825/2706	700 GB	2.1 TB	23R9830		
		3592 Cartridge (JA) (JW)		825/2706	700 GB WORM	2.1 TB WORM	23R9831		
		3592 Economy (JJ) (JR)		610/2001	500 GB	1.5 TB	18P7534		
				610/2001	500 GB WORM	1.5 TB WORM	18P7538		
		246/810	100 GB	300 GB	24R0316				
		246/810	100 GB WORM	300 GB WORM	24R0317				
3592 Cartridge (JA) (JW)	J1A-E02 Drive 512 tracks	610/2001	300 GB	900 GB	18P7534				
3592 Economy (JJ) (JR)		610/2001	300 GB WORM	900 GB WORM	18P7538				
		246/810	60 GB	180 GB	24R0316				
		246/810	60 GB WORM	180 GB WORM	24R0317				
3590 Extended (K-label)	B-128 track E-256 track H-384 track	634/2070	20 GB	60 GB	05H3188				
			40 GB	120 GB					
			60 GB	180 GB					
3590 Cartridge (J-label)	B-128 track E-256 track H-384 track	320/1050	10 GB	30 GB	05H4434				
			20 GB	60 GB					
			30 GB	90 GB					
31" MP Tape 	<ul style="list-style-type: none"> Unique midpoint load mechanism enables the system to locate data faster An extremely durable cartridge case helps protect the tape A self-contained tape path improves data reliability and extends tape life Almost instantaneous head/tape contact at load time speeds up processing 	Magstar MP Fast Access Linear Tape Cartridge	167/547	5 GB	15 GB	05H2462-B 08L6187-C	Cleaning Cartridge	05H2463	3996 Ultra Density Optical (UDO) <ul style="list-style-type: none"> Suitable for storing data that can be overwritten and has a finite life span WORM media helps safeguard against data being erased or changed. 
LTO Ultrium Tape 	<ul style="list-style-type: none"> Media uses industry-leading, interchangeable LTO format Cartridge is highest-capacity open standard tape cartridge available Custom labeling is available IBM-exclusive Statistical Analysis and Reporting System (SARS) statistics are stored in cartridge memory High durability helps support automation environments 	Ultrium™ 1	609/1997	100 GB	200 GB	08L9120	Leader Pin Attachment Kit	08L9129	
		Ultrium™ 2	609/1997	200 GB	400 GB	08L9870	Ultrium Universal Cleaning Cartridge	35L2086	
		Ultrium™ 3	680/2231	400 GB	800 GB	24R1922			
		Ultrium™ 3 Library Pack	680/2231	400 GB	800 GB	45E6714			
		Ultrium™ 3 WORM	680/2231	400 GB WORM	800 GB WORM	96P1203			
		Ultrium™ 4	820/2690	800 GB	1.6 TB	95P4436			
		Ultrium™ 4 Library Pack	820/2690	800 GB	1.6 TB	45E6715			
		Ultrium™ 4 WORM	820/2690	800 GB WORM	1.6 TB WORM	95P4450			
4mm Tape 	<ul style="list-style-type: none"> Precision-matched tape reels and reel-heights provide reliable operation A proprietary hub lock reduces positioning errors, improving data integrity An improved media coating helps reduce head friction and provides cleaner operation A rugged tape substrate is designed to withstand over 2,000 passes 	DDS-3	125/410	12 GB	24 GB	59H3465	Cleaning Cartridge - 4mm	21F8763	
		DDS-4	150/492	20 GB	40 GB	59H4456			
		DAT72	170/557	36 GB	72 GB	18P7912			
		DAT160	155/508	80 GB	160 GB	23R5635	Cleaning Cartridge - DAT160	23R5638	
8mm Tape 	<ul style="list-style-type: none"> A rugged tape substrate is designed to withstand over 2,000 passes A special media formulation reduces drop-out to help improve reliability A rigid magnetic stability specification increases coercivity to prolong shelf life and improve read reliability A proprietary metal-particle binder process improves smoothness 100% media enclosure locks out dirt and debris to protect the cartridge A built-in electrostatic discharge shield helps reduce risks to data and hardware 	Mammoth 1	170/557	20 GB	40 GB	59H2678	Cleaning Cartridge - AME	35L1409	
VXA 	<ul style="list-style-type: none"> Durable coating can resist oxidation and moisture Advanced archival and capacity properties are included Wide selection of compatible cartridge capacities support daily or full backups Media enclosure shutter locks out dirt and debris V-MEDIA and X-MEDIA are interchangeable 	X6 VXA - 2	62/703	20 GB	40 GB	24R2134	Cleaning Cartridge - VXA	24R2138	
		VXA - 3	62/703	40 GB	80 GB	24R2134			
		X10 VXA - 2	107/350	40 GB	80 GB	24R2136			
		VXA - 3	107/350	80 GB	160 GB	24R2136			
		X23 VXA - 2	230/754	80 GB	160 GB	24R2137			
		230/754	160 GB	320 GB	24R2137				
QIC Cartridges 	<ul style="list-style-type: none"> Sophisticated mirror optics ensure BOT and EOT recognition An advanced media-binder process provides ultra-clean operation A stringent wheel-pin perpendicularity specification enables smoother operation and fewer re-reads A proprietary belt design provides steady tension A special stippled base plate design helps provide rigidity and a stable tape path A cartridge cover shields against static discharge and airborne debris Durastat on drive rollers dissipates static 	Form and type/ IC compatibility	Length (m/feet)	Capacity Native	Compressed (up to)	Part no.	Retaled Products	35L0844	
		5.25" SLR5/QIC-4GB-DC	458/1500	4 GB	8 GB	59H3660	QIC 5.25" MLR/SLR Cleaning Cartridge (50 uses)		
		5.25" MLR1/QIC-5010-DC	458/1500	16 GB	32 GB	59H4175			
		5.25" MLR3/QIC-5120-DC	462/1515	25 GB	50 GB	59H4128			
		5.25" SLR60	274/900	30 GB	60 GB	19P4209			
		5.25" SLR 100	457/1500	50 GB	100 GB	35L0968			

Media Value from IBM



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