

IBM System Storage Product Guide



The future of your business is already here

IBM System Storage™ solutions are built with the success of your business in mind. End-to-end storage ingenuity and unmatched expertise from IBM help you reduce costs, risks and complexity while improving efficiencies and the responsiveness of your infrastructure and people.

Go green for the planet—and your bottom line

Saving energy means saving money. Get a green “thumbs up” when you implement IBM System Storage solutions to drive down runaway costs in power, cooling and space. Regardless of the size of your business, IBM offers energy-efficient strategies and savings for a sustainable enterprise.

Power up your savings by powering down storage inefficiencies

- Prepackaged storage kits and advanced systems virtualization from IBM facilitate easier ways for you to reduce costs, lower energy consumption and dramatically improve storage utilization—without affecting performance.
- Automated tiered storage management and exceptional data mobility let you better match applications and investments to the value of stored data—saving both time and money.

Easy come, easy grow with a nimble, responsive IT infrastructure

Being responsive to changing business needs is often easier said than done. IBM System Storage helps you unlock business resiliency and stay ahead of everyday challenges, with easy-to-use, affordable storage offerings that flexibly manage growth, complexity and risk.

Effectively manage your data with the strength and simplicity of IBM System Storage

- Simplified storage platforms from IBM use graphical interfaces and integrated systems to effortlessly manage both physical and virtual resources across a heterogeneous environment—for easier management of your growing business.
- IBM System Storage platforms allow you to dynamically and reliably scale storage with pervasive infrastructure flexibility to keep you in control of data growth and costs.
- Protecting data is vital to operating efficiently under normal business conditions—and rapidly recovering during emergencies. System Storage helps you reduce risk with rock-solid data protection tools and high availability across the enterprise, especially when you need it most.

Broaden your business horizons with innovation that matters

Imagine breakthrough innovations that allow you to run your organization not only faster, but better, helping to attract new customers and gain competitive advantages. System Storage solutions help you stay consistently out front so that you can make strategic decisions on how to use advancements in technology to broaden your business and gain a better return on investment.

Transform your business through innovation that matters

- Delineated along a clear technical roadmap to help ensure smooth upgrades and transitions, IBM storage platforms are designed to meet even the most stringent data storage requirements, regardless of changes in future technology.
- The long-term binary compatibilities of System Storage platforms foster longevity of the equipment, applications and skills that support your organization, even as new systems are introduced.

Media tape	Highlights	Technology	Length (m/feet)	Capacity		Part number	Related products	Part number
				native	Compressed (typical)			
Enterprise tape	<ul style="list-style-type: none"> Custom labeling and initialization services are available Server tracks help improve data integrity Cartridge intermix within libraries supports smooth migration, legacy systems Write Once Read Many (WORM) functionality 	3592 Tape Cartridge	825/2706 825/2706 610/2001 610/2001 246/810 246/810	700 GB 700 GB WORM 300/500 GB 300/500 GB WORM 60/100 GB 60/100 GB WORM	2.1 TB 2.1 TB 900 GB/1.5 TB 900 GB/1.5 TB 180/300 GB 180/300 GB	23R9830 23R9831 18P7534 18P7538 24R0316 24R0317	3592 Cleaning Cartridge	18P7535
		3590 Tape Cartridge	320/1050	10/20/30 GB	30/60/90 GB	05H4434 05H3302-J-less	3590 Cleaning Cartridge	05H4435
		3590E Tape Cartridge	634/2070	20/40/60 GB	60/120/ 180 GB	05H3188 08L6091-K-less		
.31" MP tape	<ul style="list-style-type: none"> Unique midpoint load mechanism enables the system to locate data fast Durable cartridge case helps protect the tape Self-contained tape path helps improve reliability and extend tape life Almost instantaneous head/tape contact at load time speeds processing 	IBM Magstar® MP Fast Access Linear Tape Cartridge	167/54	5 GB	15 GB	05H2462—B 08L6187—C	Cleaning Cartridge	05H2463
		Magstar MP Fast Access Linear Tape Cartridge—XL	227/745	7 GB	21 GB	08L6663- C-XL		
LTO® 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 4	820/2690	800 GB	1600 GB	95P4436	Ultrium Cleaning Cartridge (all) Leader Pin Attachment Kit 5-pack LTO Ultrium 4 tapes 5-pack LTO Ultrium 3 tapes	35L2086 23R7008 08L9129 95P4278 95P2020
		Ultrium 4 WORM	820/2690	800 GB	1600 GB	95P4450		
		Ultrium 3	680/2231	400 GB	800 GB	24R1922		
		Ultrium 3 WORM	680/2231	400 GB	800 GB	96P1203		
		Ultrium 2	609/1998	200 GB	400 GB	08L9870		
		Ultrium 1	609/1998	100 GB	200 GB	08L9120		
Optical cartridge	<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 	3996 Ultra Density Optical (UDO)	NA	30 GB 30 GB WORM 60 GB 60 GB WORM		23R2568 23R2567 59H5629 59H5628		
DLTtape	<ul style="list-style-type: none"> Cartridge labelling area and labels are included VS1 Data Cartridge 	VS1	563/1850	80 GB	160 GB	18P8923	Cleaning Cartridge - VS160	18P8924
VXA-2/3	<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 	VXA 8 mm—X6	62/203	40 GB	80 GB	24R2134	Cleaning Cartridge—X-MEDIA	24R2138
		VXA 8 mm—X10	124/406	80 GB	160 GB	24R2136		
		VXA 8 mm—X23	230/754	160 GB	320 GB	24R2137		
4 mm Tape	<ul style="list-style-type: none"> Precision-matched tape reels and reel heights help support reliable operation Proprietary hub lock helps reduce positioning errors to improve data integrity Improved media coating helps reduce head friction and provide cleaner operation 	DDS-3	125/410	12 GB	24 GB	59H3465	Cleaning Cartridge—4 mm	21F8763
		DDS-4	150/492	20 GB	40 GB	59H4456		
		DAT72	170/557	36 GB	72 GB	18P7912		
8 mm Tape	<ul style="list-style-type: none"> Special media formulation can help reduce drop-out to improve reliability Rigid magnetic stability specification helps increase coercivity to prolong shelf life and improve read reliability 100 percent media enclosure can help lock out dirt and debris to protect the cartridge Built-in electrostatic discharge shield helps reduce risks to data and hardware 	AME	22/73 170/557	2.5 GB 20 GB	5 GB 40 GB	59H2671 59H2678	Cleaning Cartridge—AME	35L1409
SLR (QIC) cartridges	<ul style="list-style-type: none"> Sophisticated mirror optics support BOT and EOT recognition Advanced media-binder process provides ultra-clean operation Stringent wheel-pin perpendicularity specification enables smoother operation and fewer re-reads Proprietary belt design provides steady tension Special stippled base-plate design helps provide rigidity and a stable tape path Cartridge cover shields against static discharge and airborne debris Durastat on drive rollers dissipates static <p>1-888-IBM-MEDIA ibm.com/storage/media</p>	5.25" SLR5/QIC-4GB-DC	458/1500	4 GB	8 GB	59H3660	QIC 5.25" MLR/SLR Cleaning Cartridge (50 uses)	35L0844
		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" SLR60	366/1200	37.5 GB	75 GB	24R0146		
		5.25" SLR100	47/156	5 GB	10 GB	35L0661		
		5.25" SLR100	457/1500	50 GB	100 GB	35L0968		



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MB, GB and TB equal 1,000,000, 1,000,000,000 and 1,000,000,000,000 bytes, respectively, where referring to storage capacity. Actual storage capacity will vary based upon many factors and may be less than stated. Some numbers given for storage capacities give capacity in native mode followed by capacity using data compression technology.

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