

G-Series Libraries for IBM

Benefits at a glance

> Ready for IBM Technology

The Plasmon G-Series libraries are IBM System Storage Proven for IBM p and x servers

> Deliver uncompromised data archive solutions

for healthcare, financial, enterprise content management, broadcast and media as well as any other company looking to manage their data retention requirements

> Long-term Data Retention

All Plasmon libraries utilize UDO 2 media to provide long-term (>100yrs), secure, data retention.

> Flexible Data Management

Supports rewritable and permanent write-once/read-many (WORM) recording technologies in a single library

> Entry Level to Enterprise Models

Providing the ultimate in capacity and reliability, available with up to 12 drives, from 32 to 638 disk slots and archive capacities from nearly 2TB to over 38TB



System Storage Proven™

Enterprise Class Archival Storage Solutions

G-Series Libraries for IBM

IBM System p and x servers along with Plasmon G-Series libraries using UDO technology deliver uncompromised data archive solutions for healthcare, financial, enterprise content management, broadcast and media as well as any other company looking to manage their data retention, e-Discovery and compliance requirements. The libraries provide state-of-the-art features including dual pickers, redundant power supplies, bar code scanners hot swappable drives and simultaneous use of MO, and UDO2 drives in the same library. They are available in a broad series of configurations, with models ranging from 32 to 638 slots, and corresponding fully populated capacities from 1.9TB to 33.8TB.

Archival Solutions for all Requirements

Entry Level G-Series Library

Professional libraries in a compact chassis with 1 or 2 drives, 24 or 32 disk slots, and a total storage capacity of 1.44TB to 1.9TB. Available standalone or with 19 inch rack mount kit.

Midrange G-Series Libraries

Reliable mid-range libraries can be configured with 2, 4, or 6 drives, 72 to 174 slots and storage capacities from 4.2TB to 10.4TB. All models are available as standalone configurations and the Gx80 can also be ordered with a 19 inch rack mount kit.

Enterprise G-Series Libraries

Enterprise class G-Series libraries provide the ultimate in scalability, and reliability. They can be configured with up to 12 drives and are field upgradeable from 164 to 638 slots, expanding system capacity from 10TB to 38TB.

Application Support

The G-Series UDO libraries are supported by a comprehensive list of independent software vendors offering a wide range of solutions including: data and storage resource management, content and document management, medical imaging and email archiving. Visit Plasmon's website for a complete list of certified software partners at www.plasmon.com/solutions.

Key Features	Customer Benefits
Scalability using expansion modules	Investment protection
Multiple Bus Configurations	Increased performance and drive count
Mixed MO and UDO support	Flexibility, investment protection, longevity
10-slot Bulk Magazine	Faster loading and unloading

Technical Specifications for G-Series

	Entry level			Mid-range	
	Gx24	Gx32	Gx80	Gx134	Gx174
Max/Min # slots	24/24	32/32	80/72	134	174/166
Raw Capacity TBs	1.4	1.9	4.8	8	10.4
Max/Min # Drives	2/1	2/1	4/2	4/2	4/2
Drive Increments	1	1	2	2	2
Max Power Requirements (W)	171	171	212	246	246
Weight					
Max Config (lbs/kgs)	110/50	110/50	145/66	240/109	240/109
Shipping weight (lbs/kgs)	160	160	205	315	315
Dimensions					
Product (LxWxH) inches	32x12x31	32x12x31	32x18x31	32x18x55	32x18x55
Product (LxWxH) cm	81x30x79	81x30x79	81x46x79	81x46x140	81x46x140
Library Reliability (MSBF)	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Robotics Access Time (sec)*	7	7	7.3	8.3	8.3
Picker Type	Dual	Dual	Dual	Dual	Dual
Import/Export Mail Slot	Single	Single	Single	Single	Single
Bulk Load	n/a	n/a	n/a	n/a	n/a
SCSI Bus	1	1	1	1	1
Mean Time To Repair (MTTR)	<4 hours	<4 hours	<4 hours	<4 hours	<4 hours
Operating Temperature	50–90F 10–32C	50–90F 10–32C	50–90F 10–32C	50–90F 10–32C	50–90F 10–32C
Operating Voltage (auto ranging)	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC

	Enterprise			
	Gx164	G238	G438	G638
Max/Min # slots	164	238/238	438/438	638/638
Raw Capacity TBs	9.8	14.3	26.3	38.3
Max/Min # Drives	12/2	12/2	12/2	12/2
Drive Increments	2	2	2	2
Max Power Requirements (W)	328	328	328	328
Weight				
Max Config (lbs/kgs)	490/223	490/223	555/252	860/391
Shipping weight (lbs/kgs)	695	695	850	1155
Dimensions				
Product (LxWxH) inches	35x28x68	35x28x68	35x35x68	35x42x68
Product (LxWxH) cm	89x71x173	89x71x173	89x89x173	89x107x173
Library Reliability (MSBF)	3,800,000	3,800,000	3,800,000	3,800,000
Robotics Access Time (sec)*	6.2	6.2	6.3	6.4
Picker Type	Dual	Dual	Dual	Dual
Import/Export Mail Slot	Single	Single	Single	Single
Bulk Load	10 disk	10 disk	10 disk	10 disk
SCSI Bus	1, 2 or 3	1, 2 or 3	1, 2 or 3	1, 2 or 3
Mean Time To Repair (MTTR)	<4 hours	<4 hours	<4 hours	<4 hours
Operating Temperature	50–90F/10–32C	50–90F/10–32C	50–90F/10–32C	50–90F/10–32C
Operating Voltage (auto ranging)	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC

Operating systems supported

IBM System p, AIX® 5.2 or later

IBM System x, Windows Server® 2003 SP1 and Windows Server 2003 R2

System x and Intel® 32-bit servers (x86), Linux® RHEL 5 kernel 2.6.18-8.el5, Linux RHEL

4.5 kernel 2.6.9-55.ELsmp and Linux SLES 9 SP3 kernel 2.6.5-7.252-bigsmip

Plasmon offers the only enterprise-class active archive solution that ensures data permanence, authenticity, access, longevity and removability, at the low total cost of ownership that businesses demand.

Archive without compromise.

Plasmon is ISO 9001 certified.

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