

An IBM removable media storage solution providing entry-level, affordable backup for the IBM RS/6000 and AS/400



7207 Model 122 4 GB External SLR5 QIC Tape Drive

Highlights

Affordable backup, save/restore, archival storage, and data interchange functions

Entry-level device with 4 GB capacity per cartridge (up to 8 GB with 2:1 compression)

Data transfer rate up to 380 KB/sec (up to 760 KB/sec with 2:1 compression)

Read/write backward-compatible with QIC 120/150, 525, 1000, and QIC 2 GB formats

Linear Serpentine recording for maximum data integrity

Attachment to a wide SCSI bus

Internal self-test capability

Overview

The IBM 7207 Model 122 4 GB External SLR5 QIC Tape Drive is an excellent solution if you use Quarter-Inch Cartridge (QIC) tape or require a low-cost, entry-level tape backup solution for IBM RS/6000* and AS/400* systems. This economical medium-capacity save-and-restore device is a stand-alone streaming linear tape drive that incorporates the most recent Single Channel Linear Recording (SLR5) QIC technology. It is designed to attach to a wide SCSI bus and has two dual-port wide connectors.



7207 Model 122 4 GB External SLR5 QIC Tape Drive

The 7207 Model 122 provides a native media capacity of 4 GB per cartridge and a data transfer rate of up to 380 KB/sec. With 2:1 compression, the 7207 Model 122 has a capacity of up to 8 GB and a data transfer rate of up to 760 KB/sec. The 7207 Model 122 provides more than three times the capacity of the 7207 Model 012 and can significantly reduce the number of tape cartridges you need.

Investment protection

In addition to reading and writing on 1/4-inch tape cartridges using the QIC 4 GB format, the 7207 Model 122 is read/write backward-compatible with QIC 120/150, 525, 1000, and QIC 2 GB formats. Because of its read/write compatibility with other QIC formats, the 7207 Model 122 can replace the 7207 Model 012 and other externally attached 1/4-inch tape devices. It can also be a more cost-effective replacement for 4 mm tape drives.

Improved reliability

The 7207 Model 122 incorporates an internal self-test capability to verify proper operation. The tape media itself is enclosed in a self-contained cartridge to minimize wear and avoid contamination. Because the 7207 Model 122 has no date dependencies, it is Year 2000 Ready.

Media

To locate your nearest source for ordering IBM media for the 7207 Model 122, call the following numbers worldwide:

- 1-888-IBM-Media (1-888-426-6334) toll-free in the United States and Canada
- 1-972-881-0733 (x 7530) in Latin America
- 31-433-502-756 in Europe, the Middle East, and Africa

IBM 7207 Model 122 4 GB External SLR5 QIC Tape Drive

Feature	Benefit
4 GB QIC tape drive	Provides an affordable entry-level tape solution
QIC tape cartridge	Is backward read/write-compatible with previous QIC formats
Data compression	Potentially doubles data capacity and transfer rate
Linear Serpentine recording	Helps ensure maximum data integrity

IBM 7207 Model 122 4 GB External SLR5 QIC Tape Drive at a glance

Characteristics

Tape drive type	1/4-inch
Capacity per cartridge (native)	4 GB
Capacity per cartridge (compressed)	8 GB
Max. data transfer rate (native)	380 KB/sec
Max. data transfer rate (compressed)	760 KB/sec
Maximum cable length	3.0 m (RS/6000) 2.4 m (AS/400)
Maximum drives per system	7 (RS/6000) 1 per IOA (AS/400)
Warranty (IBM Onsite repair)	1 year limited

Dimensions

Width	250 mm (9.8 in.)
Height	55 mm (2.2 in.)
Depth	275 mm (10.8 in.)
Weight	3.4 kg (7.5 lb.)

Operating environment

Temperature	5° to 45° C (41° to 113° F)
Relative humid.	8% to 80% (non-condensing)
Wet bulb max.	26.0° C (79.0° F)
Power	22 watts
Max. altitude	2,135 m (7,000 ft)
Noise level	5.4 bels (42 dBA) operating 5.4 bels (42 dBA) idle

RS/6000 attachment

Any RS/6000 server or workstation that supports the following adapters:

- SCSI-2 Fast/Wide PCI-Bus Adapter (FC 2408)
- SCSI-2 High-Performance External I/O Controller (FC 2410)
- SCSI-2 Fast/Wide Adapter/A (FC 2415)
- PCI Single-Ended Ultra SCSI Adapter (FC 6206)
- PCI SCSI-2 Fast/Wide Single-Ended Adapter (FC 6208)

Integrated adapters:

- Integrated SCSI-2 port on MCA systems
- Integrated SCSI-2 Fast/Wide port on MCA systems
- Integrated SCSI-2 Fast/Wide single-ended port on PCI systems
- Integrated Ultra SCSI-2 Fast/Wide single-ended port on PCI systems

RS/6000 operating system support

- IBM AIX* 4.1.5 or later
- IBM AIX 4.2.0 and 4.2.1 or later
- IBM AIX 4.3.0 or later

AS/400 attachment

Any AS/400 system using the PCI Magnetic Media Controller (FC 2718)

AS/400 operating system support

- IBM OS/400* Version 4 Release 2 with PTFs as released in APAR II 11671

Application support (all systems)

- Supported by Tivoli** Storage Management (ADSM) and other leading storage management software programs

Media (all systems)

This product uses the following media:

- 4 GB Data Cartridge (part # 59H3660)
- Test Cartridge (part # 59H3661)
- Cleaning Cartridge (part # 46G2674)

- 1-300-655-333 in Australia and New Zealand
- 3-3808-8486 in Japan

For more information

For more information about the 7207 Model 122, contact your IBM representative or your IBM Business Partner. Or visit www.ibm.com/storage.



www.ibm.com/storage

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