

*A high-capacity, automated tape library for
IBM RS/6000 systems*



7334 Model 410 8 mm Tape Library

Highlights

Provides up to 150 GB of data storage capacity per cartridge with 2.5:1 compression (60 GB native) and a library capacity of up to 4.5 TB with 2.5:1 compression (1.8 TB native)

Increases performance with sustained data transfer rates up to 30 MB/sec with 2.5:1 compression (12 MB/sec native) and total library throughput of up to 432 GB/hour (173 GB/hour native)

Is backward read-compatible with earlier IBM 7331 and 7208 media formats

Includes self-cleaning functions with SmartClean technology designed to improve data integrity

Outstanding price/performance for RS/6000 systems

The IBM 7334 Model 410 Tape Library provides an integrated, cost-effective solution for 8 mm tape users who need an automated way to back up their IBM RS/6000* systems. The IBM 7334 Model 410 is based on enhanced MammothTape technology combined with state-of-the-art tape library engineering and design.

The 7334 Model 410 supports up to four Mammoth-2 (M2) 8 mm tape drives and three removable magazines with slots for thirty 8 mm cartridges—yielding a native capacity of up to 1.8 TB with library throughput of 173 GB/hour. With



2.5:1 compression, the 7334 Model 410 provides up to 4.5 TB of capacity and library throughput rates up to 432 GB/hour. Occupying just five rack units (5Us), this compact, high-performance library is designed to optimize data center space by providing up to 900 GB of native capacity per cubic foot (360 GB per unit of rack height).

The 7334 Model 410 is a robust backup solution capable of employing up to four 8 mm M2 tape drives to enable overlapping or concurrent operations. It connects to RS/6000 systems through a variety of SCSI attachments and features Adaptive Lossless Data Compression

(ALDC), a state-of-the-art data compression technique developed by IBM.

Excellent investment protection

The 7334 Model 410 can read tapes written by many earlier 8 mm products—such as the IBM 7208 Model 341 and the IBM 7331 Model 305—protecting your 8 mm tape technology investment and helping to ensure data availability. The 7334 Model 410 also provides an excellent migration and interchange path from many other 8 mm tape drives.

High-quality media

The 7334 Model 410 uses IBM-certified 8 mm Advanced Metal Evaporated

(AME) data cartridges with SmartClean technology. AME coating is designed to improve overall readability and reliability compared to metal-particle media. To help reduce user intervention and

increase data integrity, each cartridge contains a 2-meter section of cleaning tape on either a 225, 150, or 75 meter cartridge containing 60, 40, or 20 GB of capacity respectively.

All cartridges are precision-manufactured to exact specifications to help ensure consistently high quality and reliability. Each cartridge features an IBM lifetime limited warranty.

You can order media for the 7334 Model 410 from IBM Media Supplies Distribution or from authorized dealers. To order IBM media and supplies in the United States, call toll free 1-888-IBM-MEDIA (1-888-426-6344).

For more information

For more information, contact your IBM representative or your IBM Business Partner. In the United States or Canada, you can also call IBM Direct: 1-800-IBM-CALL (1-800-426-2255). Internet: www.ibm.com/storage.



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IBM Storage Subsystems Division
9000 S. Rita Road
Tucson, AZ 85744

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GB equals one billion bytes when referring to hard drive capacity; accessible capacity may be less.

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IBM 7334 Model 410 8 mm Tape Library at a glance

Characteristics

Capacity (native)	Up to 1.8 TB
Capacity (compressed ¹)	Up to 4.5 TB
Data transfer rate (native)	Up to 173 GB/hour
Data transfer rate (compressed ¹)	Up to 432 GB/hour
Cartridge access time	< 10 seconds
Interface	SCSI Ultra2 LVD (68-pin)
Recording method	Advanced 8 mm helical scan
Supported systems	RS/6000 models using the LVD (68-pin) interface adapter
Supported operating systems	AIX* Version 4.3.3 and later

IBM AME media with SmartClean technology

Tape length	225, 150, 75 m
Cartridge capacity (native)	60, 40, 20 GB
Cartridge capacity (compressed ¹)	150, 100, 50 GB

Warranty

1-year, on-site service options

Dimensions

Height	21.97 cm (8.65 in)
Width	43.82 cm (17.25 in)
Depth	61.21 cm (24.10 in)
Rack height	5 units
Weight	34.5 kg (76 lb) with 4 tape drives, 2 magazines, and no cartridges

Operating environment

Temperature	60° to 90° F (16° to 32° C)
Relative humidity, noncondensing	20% to 80%
Power	100 to 240 VAC, 50 to 60 Hz; auto-switching power supply

User-ready configuration

The basic Model 410 library includes one M2 drive, robotics, and an enclosure as well as:

- Power cord (specify)
- SCSI cable (specify)
- SCSI terminators/jumper
- 225 m AME data cartridge (60 GB)
- Cleaning cartridge
- Test tape
- Two data cartridge magazines
- Installation and operation manual

¹ Assumes up to 2.5:1 compression ratio



Rear view of 7334 Model 410 8 mm Tape Library showing user-installable tape drives