



7208 Model 345 60 GB External 8 mm Tape Drive

Highlights

Provides up to 150 GB of data storage capacity per cartridge with 2.5:1 compression (60 GB native)

Increases performance with sustained data transfer rates up to 30 MB/sec with 2.5:1 compression (12 MB/sec native)

Is backward read-compatible with earlier IBM 7208 Model 341 media format

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

Higher function and capacity for 8 mm tape backup

The IBM 7208 Model 345 60 GB External 8 mm Tape Drive is a stand-alone, SCSI-based streaming device that attaches to the IBM RS/6000* family of workstations and servers. It provides a media capacity of 60 GB (up to 150 GB with 2.5:1 compression) per cartridge and a sustained data transfer rate of 12 MB/sec (up to 30 MB/sec with 2.5:1 compression). The result is three times the capacity and four times the data transfer rate of its predecessor, the IBM 7208 Model 341.



The 7208 Model 345 provides self-cleaning capabilities by employing MammothTape technology Advanced Metal Evaporated (AME) media with SmartClean capabilities.

To extend your 8 mm technology investment and help ensure data availability, the 7208 Model 345 can read tapes written by the IBM 7208 Model 341. The IBM 7208 Model 345 also provides an excellent migration and interchange path from many other 8 mm tape drives—enabling a cost-effective solution for backup, restore, and archiving requirements.

Innovative technology

The 7208 Model 345 leverages MammothTape helical scan rotating head technology for increased capacity and reliability. It also features Adaptive Lossless Data Compression (ALDC), a state-of-the-art data compression technique developed by IBM. A SCSI interface enables attachment to RS/6000 systems.

High-quality media

The 7208 Model 345 uses IBM-certified 8 mm 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 7208 Model 345 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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GB equals one billion bytes when referring to hard drive capacity; accessible capacity may be less.

IBM 7208 Model 345 60 GB External 8 mm Tape Drive at a glance

Characteristics

Tape drive type	8 mm
Data transfer rate (native)	12.0 MB/sec
Data transfer rate (compressed ¹)	Up to 30.0 MB/sec
Interface	SCSI Ultra2 LVD (68-pin)
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

Cartridge capacity (native)	60, 40, 20 GB (225, 150, 75 m length)
Cartridge capacity (compressed ¹)	150, 100, 50 GB (225, 150, 75 m length)
Media	8 mm AME media

Warranty

1-year, on-site service options

Dimensions

Height	55.0 mm (2.2 in)
Width	250.0 mm (9.8 in)
Depth	275.0 mm (10.8 in)
Weight	3.2 kg (7.1 lb)

Operating environment

Temperature	60° to 90° F (16° to 32° C)
Humidity	20% to 80%
Power requirement	0.023 kVA

User-ready configuration

The basic Model 345 includes one M2 drive in 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
- Installation and operation manual

¹ Assumes up to 2.5:1 compression ratio