

Cost-effective, compact, high-capacity storage for the RS/6000

7208 Model 341 20 GB External 8 mm Tape Drive

Highlights

- *Enhanced capacity and performance*
- *Enhanced reliability through a streamlined, rugged design with fewer moving parts, simplified tape loading, highly integrated electronics, and a more reliable capstanless tape path*
- *8 mm read compatibility and investment protection for previous 8 mm tape drives*
- *Improved Data Recording Capability (IDRC) for 2:1 onboard data compression*

Data storage for RS/6000 systems

The IBM 7208 Model 341 20 GB External 8 mm Tape Drive offers the improved capacity, advanced performance, and high reliability required in a data storage solution for the IBM RS/6000 series.

The IBM 7208 Model 341 is a compact tabletop 8 mm cartridge tape drive that provides a native media capacity of 20 GB per cartridge and a data transfer rate of 3 MB per second—a substantial improvement over the 7208 Model 011. With an adaptation of IBM's IDRC, and depending on the characteristics of the data transferred, up to 40 GB of data can be stored on a cartridge. The data transfer rate can reach up to 6 MB per second for unattended save and restore applications.

In addition to reading and writing on new 170 meter 8 mm Mammoth Advanced Metal Evaporated (AME) data cartridges, the new 7208 Model 341 also reads other 70 GB, 5.0 GB, or 2.3 GB 8 mm Metal Particle (MP) tape cartridges.



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AME media features enhanced magnetic qualities and a diamond-like carbon surface to optimize Mammoth drive performance and reliability. This helps ensure excellent and ongoing media availability for Mammoth cartridge users.

Providing an excellent migration and interchange path from other 8 mm tape drives, the 7208 Model 341 is a cost-effective and efficient RS/6000 storage solution.

Improved reliability

The 7208 Model 341 achieves a new level of reliability in a 5.25-inch half-high form factor by incorporating a redesigned

20 GB Mammoth 8 mm drive that features 40 percent fewer parts, an improved capstanless tape path, a built-in dynamic head cleaner, simplified and gentle tape loading, highly integrated electronics and diagnostics, three-point shock mounting, and extensive parametric monitoring on tape and cartridge load motions. The 7208 Model 341 is backed by IBM worldwide service and support.

The 7208 Model 341 supports Error Correction Code (ECC) and has a Liquid Crystal Display (LCD) on the front panel to display operating and error messages.

The 7208 Model 341 is an excellent streaming tape drive for save, restore, and archiving functions.

Machine requirements

The 7208 Model 341 can be attached to any RS/6000 server or system that supports the following adapters:

- SCSI-2 Differential
- SCSI-2 Differential Fast/Wide Controller

Media

You can order media for the 7208 Model 341 from IBM Media or Supplies Distribution or from authorized dealers. To order IBM Media and supplies in the United States, call 1-888-IBM-MEDIA (1-888-426-6334).

Tell me more

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



7208 Model 341 20 GB External 8 mm Tape Drive with media



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IBM 7208 Model 341 20 GB External 8 mm Tape Drive at a glance

Characteristics

Tape drive type	8 mm
Capacity per cartridge (native)	20 GB
Capacity per cartridge (compressed)	40 GB
Media	8 mm 170-meter AME media (part number 59H2678)
Data transfer rate (native)	3 MB/sec
Data transfer rate (IDRC compressed)	Up to 6 MB/sec
Interface	SCSI
Supported systems	RS/6000 models using the SCSI-2 Differential interface
Supported operating systems	AIX Version 4.1.5 or 4.2.0 and later

Dimensions

Height	250.0 mm (9.8 in)
Width	55.0 mm (2.2 in)
Depth	275.0 mm (10.8 in)
Weight	5.0 kg (11.0 lbs)

Operating environment

Temperature	60° to 90° F (16° to 32° C)
Relative humidity	20% to 80%
Wet bulb maximum	73.4° F (23.0° C)
Power requirement	.041 kVA
Warranty	One year limited; IBM Onsite Repair (IOR)