

Up to 9.4 GB of DVD-RAM on a single disk, for attachment to an IBM<sup>®</sup> server iSeries and AS/400, IBM<sup>®</sup> server pSeries and RS/6000 servers and workstations



## IBM 7210 Model 025 DVD-RAM Drive



### Highlights

- **Read/Write capability for DVD-RAM. Read capability for CD-recordable, CD-RW, and multi-session disk media**
- **DVD disk capacities of 2.6 GB, 5.2 GB (dual-sided), 4.7 GB and 9.4 GB (dual-sided) are supported**
- **Access time of 100 ms for CD-ROM and 155 ms for DVD-RAM**
- **Easy and fast access to software, technical manuals, updates, images, and other vital material on CD-ROM or DVD-RAM**
- **Supports both synchronous and asynchronous data transfer, and accommodates both 12 cm and 8 cm disks**

- **Provides 24X maximum variable CD speed and 2X maximum variable DVD-RAM speed**

- **Uses an 8-bit, single-ended (SE) interface with two HD 68 pin connectors on the enclosure**

### Overview

Improved performance, combined with the flexibility and compatibility offered, make the IBM 7210 Model 025 an excellent solution for DVD-RAM and CD-ROM requirements. The 4.7 GB capacity of DVD-RAM allows storage of more data than conventional CD-RW or CD-recordable media. Fast performance allows quicker access to information, while downward compatibility provides continued access to information on current CD-ROM disks.

### Key features

The DVD-RAM drive has the following characteristics:

- *3.6 MB/sec maximum data rate (CD-ROM, read), 1.35 MB/sec maximum data rate (DVD-RAM, write), and 2.705 MB/sec maximum data rate (DVD-RAM, read)*
- *155 ms typical average random access (DVD), 100 ms typical access (CD-ROM)*
- *DVD-RAM read/write capacities of 2.6 GB, 4.7 GB, 5.2 GB, and 9.4 GB DVD-RAM disks*
- *Mode 1 and 2, standard, and extended XA formats supported*
- *Loading tray supports 12 cm and 8 cm disks (8 cm, horizontal only)*
- *Asynchronous and synchronous data transfer supported*
- *Packaged in slim, half-high form factor*
- *Audio playback from CD-ROMs supported through front headphone jack and a rear line out audio connector*

Support for industry-standards is built into the IBM 7210 Model 025. These include:

- *Industry-standard SCSI-2 interface (8-bit, SE)—Narrow 50-pin on the device, HD 68 pin connectors on the enclosure*
- *Multimedia compliant (MPC-3)*
- *CD-DA Digital Audio standard Red Book audio*

## IBM 7210 Model 025 DVD-RAM Drive at a glance

### Characteristics

Warranty	24x7, One year, IBM on-site repair
Color	Black

### Dimensions

Height	55 mm (2.2 in)
Width	250 mm (9.8 in)
Depth	275 mm (10.8 in)
Weight	3.6 kg (7.9 lbs)

### Operating environment

Temperature	16° to 32° C (60° to 90° F)
Relative humidity	20 to 80 percent (non-condensing)
Wet bulb (max.)	23° C (73° F)
Electrical power	0.23 kVA at 120 VAC (typical)
Power factor	0.4 to 0.6
Power supply	100 to 125 VAC or 200 to 240 VAC (at 50 to 60 Hz)
BTU (max.)	41.6 BTU/hr (12.2 watts at 240 VAC)
Altitude (max.)	2,135 m (7,000 ft)

### Software requirements

AIX® 4.3.3 with the 4330-08 Recommended Maintenance Package, or later. Backup/restore to DVD-RAM media is supported with the MKCD command on RS/6000 servers.

OS/400® Version 5 Release 1, or later

### Hardware requirements

This product can be attached to an iSeries™ or AS/400® using any of the following adapters:

PCI Magnetic Media Controller (#2718)

PCI Magnetic Media Controller (#2768)

This product can be attached to a pSeries™ or RS/6000® using any of the following RS/6000 adapters:

PCI Dual Channel Ultra2 SCSI Adapter (#6205)

PCI SE/Ultra SCSI Adapter (#6206)

This device is also supported on the Integrated Ultra2 SCSI port on the 7044-170, 7044-270, and the pSeries 640 (7026-B80). DVD Video, UDF, and DVD-ROM not supported on RS/6000 or pSeries servers.

For information on adapters, please visit <http://usmweb.boulder.ibm.com>

- *Industry-standard data formats for compact discs:*
  - *CD-ROM data in Mode 1*
  - *CD-ROM data in Mode 2*
  - *CD-ROM XA data in either Mode 2 Form 1 or Mode 2 Form 2*
  - *Compact discs containing any combination of the above formats*

- *Multi-session CD disks to the Orange Book standard*

### Accessibility by people with disabilities

The following features support use by people with disabilities:

- *Controls and latches operable with one hand and minimal dexterity*
- *Keys are discernible by touch without activating them*
- *Ports and connectors support connection of industry-standard devices*

### Media

Media for the IBM 7210 Model 025 can be ordered from IBM Media or Supplies Distribution or from authorized dealers. To order IBM media and supplies in the United States or Canada, call 1-888-IBM-MEDIA (1-888-426-6334) today.

### Tell me more

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



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