



PS/2 3.5" Rewritable Optical Drive

High-tech breakthrough for PS/2 storage

Write, read and write again: The IBM PS/2® 3.5" Rewritable Optical Drive lets you store an impressive amount of data—up to 127 million bytes—on a single diskette-like cartridge. And you can update that data whenever you want.

With the Rewritable Optical Drive, you can store more information on one 3.5-inch optical cartridge than you can on 88 regular 3.5-inch diskettes. That's more than you can fit on 40,000 typewritten pages. And, for the first time, you can revise, add to and erase the information on that cartridge at any time.

A 3.5-inch half-high SCSI device, the drive can be installed internally on some PS/2 models—or externally on any PS/2 Micro Channel® model with a 3510 or 3511 SCSI device enclosure.

The PS/2 Rewritable Optical Drive also provides fast and efficient backup for your important systems and data files. A typical 60MB fixed disk can be backed up in less than 15 minutes.

The bottom line: You get massive storage capacity and easy updating capability for your PS/2 Micro Channel systems—without making a major financial investment.



3.5" Rewritable Optical Drive at work

Here are some of the ways you can put the PS/2 3.5" Rewritable Optical Drive to work for you:

- Send large databases on an optical cartridge to each of your branch offices across the country—and update the cartridge as needed
- Fit your multimedia presentation, sales demo or training program on a single optical cartridge for easy distribution—and revise it at any time
- Transfer complex software programs—CAD/CAM packages, for example—from multiple diskettes to one optical cartridge
- Archive your entire reference library on just a few optical cartridges

The IBM PS/2 3.5" Rewritable Optical Drive is shown here in the IBM 3510 SCSI Storage Enclosure.

Feature	Benefit
Removable media (with 127MB formatted capacity)	<ul style="list-style-type: none"> • Replaces more than 88 diskettes (1.44MB formatted) with a single optical cartridge • Distributes programs and large databases—especially those with images—easily and effectively
66ms average seek time	<ul style="list-style-type: none"> • Backs up and restores data faster than diskette drives • Runs many programs directly from the device—preserving disk storage for other jobs
SCSI interface	<ul style="list-style-type: none"> • Supports SCSI storage devices on all Micro Channel systems either internally or externally in one of the SCSI enclosures • Works with several SCSI devices on a single adapter • Allows a single device to be shared among a workgroup for backup/restore or downloading of files

IBM PS/2 3.5" Rewritable Optical Drive at a glance

Part number	6450162	
Data transfer rates	4.35Mbps (disk data rate) 4.0MB/sec. (synchronous) 1.2MB/sec. (asynchronous)	
Average seek time	66ms	
Average latency	16.7ms	
SCSI device interface	Adheres to ANSI X3.131-1986 SCSI standard	
Systems supported		
Internal device	Supported as internal device on PS/2 Models 60, 65 SX, 80 386, 90 XP 486, and 95 XP 486 with SCSI adapter installed; necessary cables, slides, trays and bezels are included with the device	
External device	Supported as an external device in either the PS/2 External Enclosure for SCSI Devices (3511003) or the PS/2 SCSI Storage Enclosure (35100V0); these external housings attach to any PS/2 Micro Channel system via a SCSI adapter and appropriate cabling for external SCSI devices	
Operating systems support	DOS 5.0; DOS 4.0 (except DISKCOPY and DISKCOMP functions); OS/2® Standard Edition 1.3 and Extended Edition 1.3	
Other software support	Menu-driven DOS backup/restore program (included on the Option Diskette)	
Power consumption	23-watt maximum, power derived from either the system unit or external enclosure, depending on where it is installed	
Nominal operating current	+5V line: 1.1A +12V line: 1.4A	
Media	128MB Rewritable Optical Cartridge	Optical Read-Only Cartridge
Part number	38F8645 (single) ¹ 38F8646 (5-pack) ¹	N/A ² N/A
Media format	Magneto-optic (MO)	Optical read-only (O-ROM)
Storage capacity	127MB formatted capacity	122MB typical application
Warranty	One-year limited warranty	

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¹Available from IBM Authorized Supplies Dealers, IBM Authorized Distributors, and Telemarketing Operations.

²Made-to-order, prerecorded cartridge.



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