

*The next generation
in personal computing*

IBM 3363 Optical Disk Drive and IBM 3363 Optical Disk Cartridge

Moving beyond magnetic storage media

The IBM Personal System/2™ and Personal Computer product families offer a variety of versatile data storage solutions to match your requirements. The newest is the IBM 3363 Optical Disk Drive.



This storage device provides an inexpensive way to expand the online storage capability of most current models of the IBM Personal Computer as well as all models of the IBM Personal System/2 (see chart).

Optical Disk technology is a dramatic advancement in data storage because of its ability to store large amounts of data in a small package at a low cost. Data is stored as submicroscopic bits in the surface of the disk media. A low-powered beam of light is used to record and subsequently read the data.

With the Optical Disk Drive, data can be written once and read many times on the removable IBM 3363 Optical Disk Cartridge. The cartridge, about the size of a 5.25-inch diskette, can contain up to 200MB of data (over 500 times the capacity of the standard 360KB diskette). The plastic

cartridge improves data reliability by helping to protect against scratches, fingerprints, dust and dirt.

Software provided with your 3363 Optical Disk Drive has these features:

Compatibility permits the user to execute, without change, current personal computer application programs that use the standard DOS interrupt 21 calls for reads and writes to a diskette or fixed disk drive.

32MB files, extensions to DOS, are provided to support this storage device that has a capacity greater than 32MB.

File versioning provides an easy-to-use method for retrieving prior versions of a file. If you have just saved a file, you will have an audit trail even if you attempt to write over the earlier version using the same name.

Backup provides a simple method for making backup copies of a fixed disk. The user can copy changed files only (without recopying unchanged files or the contents of the entire fixed disk).



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Highlights

The following is a summary of some of the many advantages of optical disk technology.

Cuts your data storage costs. You have the capability to write large amounts of data within a small, inexpensive package.

Permits mass storage of your records and files. Mass storage is now possible with the advantage of convenient access and retrieval. You can back up and off-load data from your fixed disk.

Expands online data storage. Depending on your IBM Personal System/2 model or IBM PC, from one to four controller cards can be supported, yielding from 200MB to 1.6 billion bytes. Each card can support up to two optical disk drives.

Provides mobility and security. The cartridge can be removed, transported and locked up.

Lets you create larger files of more than 32 million bytes. Whether you are recording multiple versions of spreadsheets, searching a lengthy parts catalog, or retrieving an

entire encyclopedia, you won't be constrained by the size of your files.

Saves you time. The IBM 3363 Optical Disk Drive and Cartridge offer a burst data-transfer rate of 2.5 megabits per second at the read amplifier, and an average seek time of less than 230ms per second (up to 101 tracks in less than 45ms).

Offers a number of potential uses. These include:

- Augmenting the capacity of a fixed drive
- Off-loading data files
- Providing backup
- Retaining multiple versions of files
- Data distribution
- Image storage

Models

The IBM 3363 Optical Disk Drive is available in four versions:

- Model A01 External Disk Drive for current IBM Personal Computers and IBM Personal System/2 Model 30
- Model A11 External Disk Drive for IBM Personal System/2 Models 50, 60 and 80
- Feature 8700 Internal Disk Drive for IBM Personal System/2 Models 60 and 80
- Model B01 External Disk Drive, which attaches to the A01, A11 or Feature 8700 as a second drive

The appropriate adapters and file driver software are included with Models A01, A11 and Feature 8700.

A blank 3363 disk cartridge is included with each drive. Additional 3363 cartridges, including blank identification labels, are available in minimum quantities of five cartridges.

Warranty/Service

Every IBM product is built to meet high standards of quality and reliability. So you can count on the IBM 3363 Optical Disk Drive to perform smoothly year after year.

The IBM 3363 Optical Disk Drive is backed by a one-year limited warranty.

With an IBM Maintenance Agreement, equipment can be carried in to authorized service centers for repair—or, for an additional charge, you can arrange for on-site service.

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¹ The IBM 3363 Optical Disk Drive attaches to the IBM Personal Computer, Portable Personal Computer, Personal Computer XT, Personal Computer AT, 3270 PC, 3270 PC AT.

IBM 3363 Optical Disk Cartridge at a glance

Description	A polycarbonate plastic disk coated with a thin, amorphous film of laser-sensitive alloy, enclosed in a 5.25-inch hard plastic cartridge
Type	Unformatted, hard-sectored, single-sided
Density	15,875 tracks per inch
Capacity	200MB formatted capacity
Packaging	Cartridges are shipped in multiples of 5, one cartridge per storage container
Minimum order	Five cartridges—part number 63X4199 Note: One cartridge is shipped with each IBM 3363 Optical Disk Drive
Warranty	Five-year limited warranty from date of purchase

IBM 3363 Optical Disk Drive at a glance

	Model A01	Model A11	Model B01	Feature 8700
Description	A high-performance, removable-disk, mass-storage device recommended as a supplement to a fixed disk			
Supported systems	An external disk drive for current IBM Personal Computers ¹ and IBM Personal System/2 Model 30	An external disk drive for IBM Personal System/2 Models 50, 60 and 80	An external disk drive that attaches to the A01, A11 or Feature 8700 as a second drive	An internal disk drive for IBM Personal System/2 Models 60 and 80
Operating system	IBM PC DOS 3.20 or higher			



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