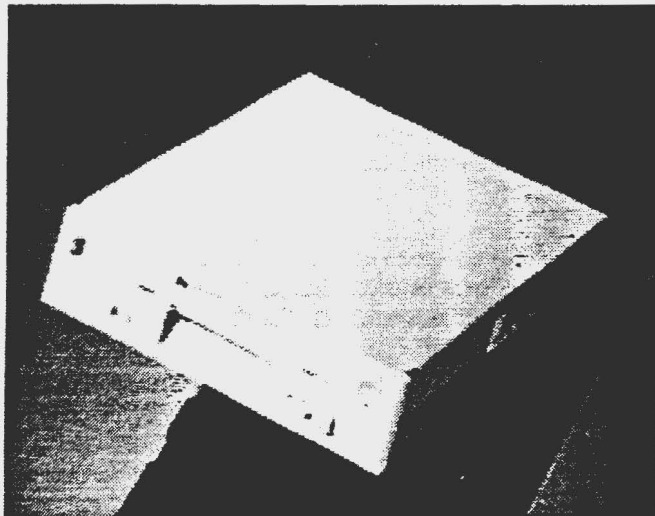# IMATION

Imation SuperDisk™ 120MB Internal Drive

Replace Your Floppy Drive

Today—with hard drive capacities in the gigabytes—the standard high density diskette just isn't big enough for all your needs. That's why you need to upgrade your PC to an Imation SuperDisk™ Internal Drive.

Read & Write Standard 1.44MB *and* SuperDisk 120MB Diskettes

The SuperDisk drive is two drives in one. It can read and write to the standard 1.44 megabyte (MB) high density diskettes that you and millions of other computer users know and love. Plus, you can read and write to 120MB SuperDisk diskettes—the new standard in high capacity removable storage. That means you can get 83 times more storage in the same amount of space on the same drive. So instead of two drives, you only need one.
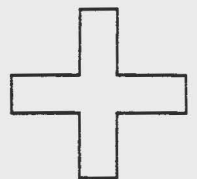
Store, Save, Share and Back Up Big Files

With the SuperDisk drive and 120 MB diskettes you'll be able to...
- *Store big images*, photos, videos, multimedia files and more.
- *Free up space* on your hard drive.
- *Download* big Internet files.
- *Share large files* with others.
- *Back up* your valuable files, folders and applications.
- *Protect* your private information.
- *Organize* your programs and files.

Upgrade to a SuperDisk Internal Drive

- Replaces standard diskette drive
- Bootable a: drive (bootable with nearly all current motherboards and BIOS)
- Reads and writes 3.5" PC formatted diskettes
- Reads and writes 120MB SuperDisk diskettes
- Compatible with Windows® 3.X, Windows 95/98, Windows NT® 3.5 or higher and DOS 5.0 or higher
- Available as an individual kit or in a bulk 10-pack.

LS 120

Imation SuperDisk™ 120MB Internal Drive

General

Size	3.5"
Capacity	120MB (SuperDisk)
Compatibility	SuperDisk, 2HD (1.44MB), 2DD (720KB)
Number of Sides	Double sided recording
Servo Type	Permanent Continuous Optical
Operating Position	Horizontal only
Country of Mfg.	Drive made in Japan. Kit assembled in the USA.
Approvals	FCC, CSA, CE, UL Listed
Warranty	1 Year
Reliability	15,000 POH
Drive Door Color	Beige
Bezel Color	Beige
Eject Button	Standard Length

Mechanical

Dimensions	H: 1" (25.4mm) W: 4" (101.6mm) D: 6.06" (153mm)
Weight	16.8 ounces (475 grams)

Software

Installation diskette (1.44 MB) includes drivers for DOS & Windows® 3.X, Windows 95 and Windows NT 3.51. No drivers needed for Windows 95 OSR2, Windows 98 or NT 4.0.
SuperDisk Tools Kit software for Windows 95/98 (optional).

Performance

Buffer Capacity	8 KB
Average Seek Time	70 ms
Max. Transfer Rate	565KB/s
Rotational Speed	720 RPM
Rotational Latency	42 ms
Interface	IDE (ATAPI)
Power Requirements	5VDC +/- 5%
Max. Recording Density	33,660 FCI
Maximum Bit Density	44,880 BPI
Track Density	2,490 TPI
Recording Method	RLL (1,7)

Environmental

Operating	41 to 113° F (5 to 45° C)
Non-Operating	-22 to 140° F (-30 to 60° C)
Relative Humidity	20-80% (non-condensing)
Max Wet Bulb	84° F (29° C)

Contents

Drive Kit (for standard 3.5" 1" high drive bay), with beige button, drive bezel, and drive door
- IDE/ATAPI interface cable
- Installation guide
- Installation diskette (1.44MB)
- 1 SuperDisk diskette containing SuperDisk Tools software for Windows 95/98 (optional)

Bulk 10-Pack
- 10 Drives
- 1 Installation guide
- 1 Safety sheet
- 1 Installation software on 1.44MB diskette

System requirements:

- IBM® PCs and compatibles
- One of the following:
    - Windows 3.X
    - Windows 95/98
    - Windows NT 3.51 or higher
    - DOS 5.0 or higher
- 1.44MB HD diskette drive or other device/method for loading device drivers (if required)
- 5MB of available hard disk space
- 8MB RAM

SuperDisk Media Specifications

Diskette Size	3.5"
Coating	Metal Particle
Coercivity (nominal)	1500 Oersted
120MB LS-120 Format	
Formatted capacity	120MB
Bytes per sector	512
Sector per track	51-92 (zoned)
Zones per side	55
Tracks per side	1,736
Durability	5 million passes
Outer Cartridge Dim.	W: 90mm D: 90mm H: 3.3mm
Mechanical Write Protect Latch	
Shutter & Hub Material	Stainless Steel
Media Substrate	PET
Cartridge Material	HIPS
Color	Brown or Blue
Operating Environment	41 - 140° F (5 - 60° C)
Relative Humidity	8% to 80% (non condensing)
Max. Wet Bulb	84° F (29° C) (non cond.)

For more information please visit our website at www.superdisk.com.

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