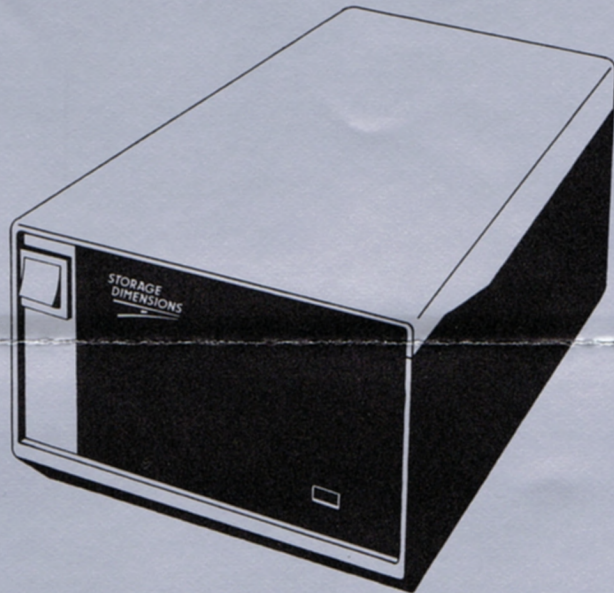
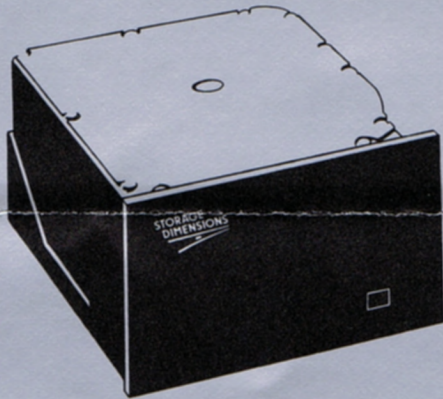


# SpeedStor™ Hard Disk Subsystems

For IBM PC, XT, AT and Compatibles



## 70 to 320 MB

- 100% DOS compatible
- Novell, XENIX, LAN applications supported
- Internal and external configurations available

SpeedStor subsystems provide the ultimate storage capacity, performance, and reliability for DOS, Novell, XENIX and LAN file server applications.

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<b>Performance</b>	Increase system data thruput up to 200%.
<b>Reliability</b>	Subsystems incorporate high quality Maxtor and Micropolis hard disk drives with built in diagnostics.
<b>Compatibility</b>	SpeedStor Partitioning Software is 100% compatible with DOS 2.0 thru 3.2, DOS Networks, and IBM compatibles.
<b>Flexibility</b>	Custom partitioning, interleave, file structures, formats and more.
<b>Easy to install</b>	Our SpeedStor Software virtually installs the subsystem by itself. Step-by-step instructions make setup a breeze.

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**STORAGE  
DIMENSIONS**

*The Experts in High Capacity PC Storage*

## **SpeedStor provides the ultimate in storage capacity, performance, and quality**

SpeedStor subsystems bring the highest capacity, high performance hard disk storage to your IBM PC, XT, AT, or compatible. Any MS DOS or PC DOS application needing 42 to 640Mbytes of storage can be used with these subsystems. In addition, SpeedStor subsystems provide high capacity storage for XENIX, UNIX, Pick, Novell, and other operating systems.

## **Everybody wants their data faster**

Today's PC power users demand huge amounts of data as quickly as possible. They are using DOS local area networks, Novell Netware, UNIX and XENIX multi-user systems, complete integrated accounting packages, CAD/CAM, and more. Our subsystems are absolutely the fastest! No matter how large your data storage requirements, SpeedStor delivers the data quicker than any other storage product available today. With SpeedStor, average access times range from 23ms to 28ms, with data transfer rates of up to 10Mbits per second. When used with SpeedCache, our program that speeds disk drive accesses, SpeedStor performs even faster.

## **Experience the Storage Dimensions Storage Solution**

Storage Dimensions is a solutions oriented company. Our applications engineers are experts on new products and configurations. Our design engineers are dedicated to providing the ultimate in personal computer storage performance and capacity. We provide each and every customer with the best subsystem for the specific application and configuration. Our knowledgeable customer technical support department insures customers a smooth installation.

## **State of the art technology**

SpeedStor subsystems are manufactured using high performance disk drives from Maxtor and Micropolis. Each drive features a fast voice coil actuator. A dedicated landing zone with automatic park and lock provides maximum data safety and integrity. Superior shock, vibration, and temperature specifications insure maximum reliability in a wide range of environments.



## **Internal and External Configurations**

SpeedStor subsystems are available in two installation configurations. The internal hard disk drives are easily installed in the standard internal hard disk mounting location. Two internal subsystems can be installed in most AT and compatible systems. A single internal subsystem can be installed in XT and compatible systems. An external subsystem can be installed for as much as 640Mbytes of on-line mass storage. The external subsystems reside on a tabletop next to the computer system. An attractive, FCC Class B approved cabinet houses the hard disk drive.

## **SpeedStor Software**

The complexity of integrating high capacity disk drives has been simplified by our own SpeedStor software. SpeedStor is friendly and easy to use. It has 100% compatibility with all versions of MS DOS and PC DOS, and breaks the 32Mbyte DOS barrier. SpeedStor includes drive setup, low-level initialization, partition editor, and an installable device driver. It also features comprehensive hard disk diagnostics with extensive hard disk exerciser, comprehensive media analysis, and error mapping. With over 50,000 installed, SpeedStor has become the industry standard hard disk utility package.

## **Would you believe a GigaByte?**

Our product development efforts will produce a 1 GByte subsystem early in 1987. That's 1,000Mbytes of on-line storage in a desktop PC! Storage Dimensions is the pioneer of high capacity PC products. Our SpeedStor hard disk drive integration software was the world's first hard disk utility to break the 32Mbyte DOS barrier. Our current efforts are focused at integrating the new generation of high capacity SCSI and ESDI disk drives, maintaining full compatibility with DOS, Novell, and XENIX operating systems.

## **Reliability guaranteed!**

Storage Dimensions offers only the highest quality storage products. SpeedStor subsystems contain the world's most reliable Winchester disk drives. Each subsystem is burned in and tested. But that's only the beginning — they are backed by the best warranty available anywhere. SpeedStor subsystems are backed by a full one year warranty. If the subsystem fails during the warranty period, it will be replaced immediately. (The warranty is void if the system has been dropped, disassembled, or physically damaged.)

## Add up to 320 MB Effortlessly

Storage Dimensions has developed a family of storage solutions designed to plug-and-play in IBM and compatible systems. All subsystems are pre-initialized and formatted. Each subsystem includes everything you need for fast, easy installation: SpeedStor software, all required hardware and cables, controller (if required), and complete step-by-step installation instructions. You can complete the installation in less than 15 minutes.

<b>SpeedStor Subsystem</b>		<b>Applications Guide</b>						
<b>SpeedStor Model #</b>	<b>40</b>	<b>70</b>	<b>120</b>	<b>140</b>	<b>150</b>	<b>160</b>	<b>230</b>	<b>320</b>
<b>Performance</b>								
Storage Capacity, MBytes (formatted)	42	71	119	142	149	159	234	319
Average Access Time (ms)	28	28	28	23	28	28	28	28
Data Transfer Rate (Mbits/second)	5	5	5	10	10	5	10	10
Maximum Interleave	2:1	2:1	2:1	2:1	2:1	2:1	2:1	1:1
Interface	ST506	ST506	ST506	ESDI	SCSI	ST506	SCSI	ESDI
<b>System Compatibility</b>								
IBM PC AT and compatibles	✓	✓	✓	✓	✓	✓	✓	✓
IBM PC XT and compatibles	✓	✓	✓		✓		✓	
Compaq DeskPro	✓	✓	✓		✓		✓	
Compaq DeskPro 286	✓	✓	✓	✓	✓		✓	✓
Compaq DeskPro 386	✓	✓	✓	✓	✓		✓	✓
Sperry IT, Tandy 3000, NCR PC8	✓	✓	✓	✓	✓	✓	✓	✓
Epson Equity 3, Wyse 286, MultiTech 286	✓	✓	✓	✓	✓	✓	✓	✓
NCR PC6, Epson Equity 2, ATT 6300	✓	✓	✓		✓		✓	
Leading Edge Model D	✓	✓	✓		✓		✓	
<b>Applications</b>								
PC DOS/MS DOS	✓	✓	✓	✓	✓	✓	✓	✓
DOS Networks (Token Ring, 3Com, PC Net)	✓	✓	✓	✓	✓	✓	✓	
Novell Network	✓	✓	✓	✓	✓	✓	✓	
Novell Advanced Netware 86	✓	✓	✓	✓	✓	✓	✓	
Novell Advanced Netware 286	✓	✓	✓	✓		✓		
XENIX System V	✓	✓	✓	✓	✓	✓	✓	
UNIX	✓	✓	✓	✓		✓		
Pick	✓	✓	✓	✓		✓		

Notes: 1. SpeedStor 160 formatted capacity is limited to 133Mbytes by Novell, XENIX, UNIX and Pick operating systems.  
 2. Some SpeedStor subsystems require separate software or firmware items for Novell and XENIX operating systems. Consult your sales representative.

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