IBM

Tape Storage Options for Personal Systems

Cost-effective ways to protect critical data

For backing up your system and LAN server files, IBM offers a large selection of SCSI tape drives to match your requirements for high-capacity, cost-effective tape storage. The wide range of choices includes 4mm, 8mm and ¼-inch tape drives with capacities from 1.2GB to 5.0GB or even as much as 10GB using onboard data compression.

Designed to deliver advanced performance and reliability, the IBM SCSI tape drive options for personal systems include:
- The IBM 2.0GB 4mm Tape Drive Option Kit
- The IBM 3440 Model 001 2.0GB 4mm Tape Drive
- The IBM 3445 Model 001 5.0GB 8mm Tape Drive
- The IBM 3450 Model 001 1.2GB ¼-Inch Cartridge Tape Drive

These tape drives attach to a wide variety of PS/2® Micro Channel®, PS/2 ISA, PS/1® and PS/ValuePoint™ systems.

IBM 2.0GB 4mm tape drives

You can back up critical data quickly and easily with the 4mm tape drives. The compact size of the 4mm data cartridges makes them easy to handle and even easier to store. These advanced-technology tape drives can be installed in the system unit or ordered as self-contained standalone units.

Top: IBM 2.0GB 4mm Tape Drive Option Kit
Bottom: IBM 3440 Model 001 2.0GB 4mm Tape Drive with Media

IBM 4mm tape drives provide many benefits. For example, fast performance and onboard data compression capabilities save time, increase storage capacity up to 8.0GB, and reduce the number of data cartridges needed.

The 4mm tape drives attach to PS/2 Micro Channel systems via an IBM SCSI adapter, or to PS/2 non-Micro Channel systems or AT®-Bus PS/1 and PS/ValuePoint systems with an IBM 16-Bit AT Fast SCSI Adapter Kit.

Software support for DOS, OS/2®, NetWare®, SCO® UNIX®, Windows® and AIX® PS/2 systems provides backup and restore options for a wide variety of environments.
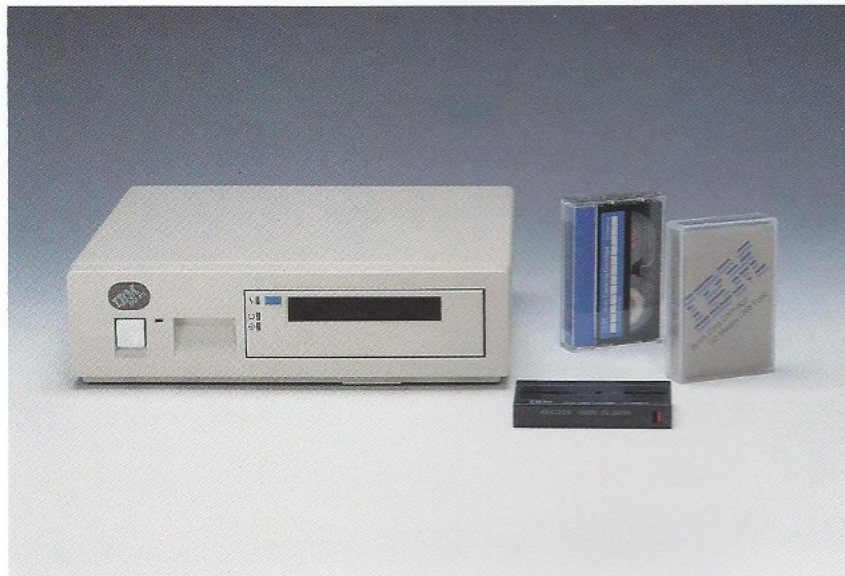
IBM 4mm Tape Drives for Personal Systems at a glance

	2.0GB 4mm Tape Drive Option Kit	3440 Model 001 2.0GB 4mm Tape Drive
Part number	55F9464	46G4015
Feature code	2867	N/A
Storage capacity	2.0GB (4.0 - 8.0GB with data compression)	2.0GB (4.0 - 8.0GB with data compression)
Data transfer rates	183KB/sec (up to 732KB/sec with data compression)	183KB/sec (up to 732KB/sec with data compression)
Dimensions	1.6"H x 4"W x 6.1"D	3.125"H x 11"W x 11.3"D
Weight	2.34 pounds	10.2 pounds
Systems supported	Supported as an internal device on PS/2 Models 56, 57, 76, 77, Server 85, 90, 95; supported on other Micro Channel models with an IBM SCSI adapter via the 3510 SCSI Storage Enclosure or the 3511 External Enclosure for SCSI Devices; supported on all PS/ValuePoint models with the 3510 SCSI Storage Enclosure and the IBM 16-Bit AT Fast SCSI Adapter Kit	Supported on PS/2 Micro Channel systems via an IBM SCSI adapter and appropriate cabling for external SCSI devices; supported on ISA/AT-Bus PS/2 systems, PS/1 systems, and PS/ValuePoint systems with an IBM 16-Bit AT Fast SCSI Adapter Kit
Operating systems support	DOS, OS/2, NetWare, Windows, AIX PS/2, SCO UNIX	DOS, OS/2, NetWare, Windows, AIX PS/2, SCO UNIX
SCSI cable required	N/A (included in system unit or SCSI enclosure)	SCSI controller cable 31F4187 or option-to-option cable 31F4186 or SCSI adapter cable 8191286 (when used with an IBM 16-Bit AT Fast SCSI Adapter Kit)
Media Kit (shipped with the tape drive)	21F8764	21F8764
2.0GB 4mm Data Cartridge	21F8758	21F8758
Diagnostic Cartridge	21F8762	21F8762
Cleaning Cartridge	21F8763	21F8763
Power supply	N/A	30 watts
Warranty	One year	One year

IBM 3445 8mm Tape Drive

The IBM 3445 Model 001 5.0GB 8mm Tape Drive offers the increased capacity, advanced performance and high reliability needed to back up critical data. A capacity of up to 10GB makes this drive an excellent save/restore device for larger systems and LAN servers.

Fast performance saves time, and onboard data compression increases maximum storage capacity to 10GB and enables the unattended backup and restore operations of larger files.

Read capability with the IBM 3532 Model 023 2.3GB 8mm Tape Drive allows backup tapes to be interchanged between personal computer systems. The 3445 Model 001 attaches to PS/2 Micro Channel systems via an IBM SCSI adapter, or to PS/2 non-Micro Channel systems or AT-Bus PS/1 and PS/ValuePoint systems with an IBM 16-Bit AT Fast SCSI Adapter Kit.

IBM 3445 Model 001 5.0GB 8mm Tape Drive with Media

The IBM 3445 8mm Tape Drive is supported on DOS, OS/2, NetWare, SCO UNIX, Windows and AIX PS/2 systems, providing backup and restore options for a wide variety of operating system environments.

IBM 8mm Tape Drive for Personal Systems at a glance

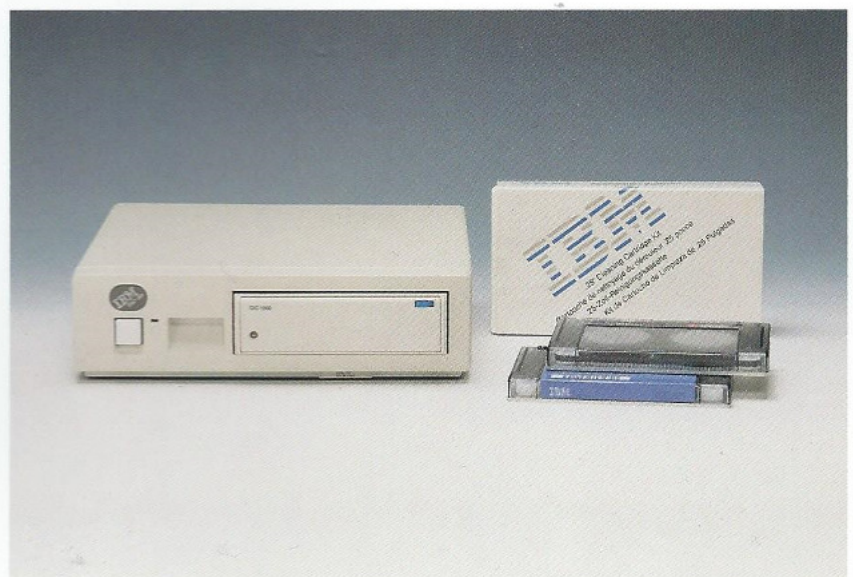|	3445 Model 001 5.0GB 8mm Tape Drive
Part number	46G2642
Storage capacity	5.0GB (up to 10.0GB with data compression)
Data transfer rate	500KB/sec (up to 1.0MB/sec with data compression)
Dimensions	3.125"H x 11"W x 11.3"D
Weight	11.0 pounds
Systems supported	Supported on PS/2 Micro Channel systems via an IBM SCSI adapter and appropriate cabling for external SCSI devices; supported on ISA/AT-Bus PS/2 systems, PS/1 systems and PS/ValuePoint systems with an IBM 16-Bit AT Fast SCSI Adapter Kit
Operating systems support	DOS, OS/2, NetWare, Windows, AIX PS/2, SCO UNIX
SCSI cable required	SCSI controller cable 31F4187 or option-to-option cable 31F4186 or SCSI adapter cable 8191286 (when used with an IBM 16-Bit AT Fast SCSI Adapter Kit)
Media Kit (shipped with the tape drive):	59F3907
5.0GB 8mm Data Cartridge	21F8595
Diagnostic Cartridge	21F8577
Cleaning Cartridge	21F8593
Power supply	44 watts
Warranty	One year

IBM 3450 ¼-Inch Cartridge Tape Drive

The IBM 3450 Model 001 1.2GB ¼-Inch Cartridge Tape Drive provides a simple and cost-effective way to back up your system. Read/write compatibility with a wide range of QIC standards—QIC-120, QIC-150, QIC-525, and QIC-1000 formats—and read compatibility with QIC-24 format tapes allow backup tapes to be interchanged between personal computer systems.

The 3450 Model 001 attaches to PS/2 Micro Channel systems via an IBM SCSI adapter, and to PS/2 non-Micro Channel systems or AT-Bus PS/1 and PS/ValuePoint systems with an IBM 16-Bit AT Fast SCSI Adapter Kit.

Software support for DOS, OS/2, NetWare, SCO UNIX, Windows and AIX PS/2 systems provides backup/restore options for a wide variety of operating system environments.

IBM 3450 Model 001 1.2GB ¼-Inch Cartridge Tape Drive with Media

IBM ¹/₄-Inch Cartridge Tape Drive for Personal Systems at a glance

	3450 Model 001 1.2 GB ¹/₄-Inch Cartridge Tape Drive
Part number	46G4003
Storage capacity	1.2GB
Data transfer rate	300KB/sec
Dimensions	3.125"H x 11"W x 11.3"D
Weight	9.6 pounds
Systems supported	Supported on PS/2 Micro Channel systems via an IBM SCSI adapter and appropriate cabling for external SCSI devices; supported on ISA/AT-Bus PS/2 systems, PS/1 systems and PS/ValuePoint systems with an IBM 16-Bit AT Fast SCSI Adapter Kit
Operating systems support	DOS, OS/2, NetWare, Windows, AIX PS/2, SCO UNIX
SCSI cable required	SCSI controller cable 31F4187 or option-to-option cable 31F4186 or SCSI adapter cable 8191286 (when used with an IBM 16-Bit AT Fast SCSI Adapter Kit)
Media	
1.2GB 1/4-Inch Data Cartridge	21F8732
Test Cartridge	21F8734
Cleaning Cartridge	21F8570
Power supply	74 watts
Warranty	One Year

Program support

The following programs support these tape drives in the environments shown:

For DOS environments:
- ARCserve®/Solo from Cheyenne Software, Inc., for DOS 3.0 and higher
- Backup Exec™ from Conner Software for DOS 3.0 and higher
- CorelSCSI™ from Corel® Corporation for DOS 3.0 and higher
- CPBackup® from Central Point Software for DOS 3.0 and higher
- NovaBack™ from NovaStor® for DOS 5.0 and higher
- Sytos Plus® Version 1.42 for DOS (61G1442) for DOS 3.0 and higher

For OS/2 environments:
- Backup Exec from Conner Software for OS/2 1.3 and higher
- NovaBack from NovaStor for OS/2 2.0 and higher
- Sytos Plus Version 1.37 for OS/2 (61G1443) for OS/2 Standard Edition and Extended Edition 1.3 and higher

For NetWare environments:
- ARCserve from Cheyenne Software, Inc. for NetWare v3.11 and higher
- Backup Exec from Conner Software for NetWare v3.11 and higher
- NetWare v3.11 and higher from Novell
- NovaNet™ from NovaStor for NetWare v3.11 and higher

For Windows environments:
- Backup Exec from Conner Software for Windows 3.1 and higher
- CorelSCSI from Corel Corporation for Windows 3.0 and higher
- CPBackup from Central Point Software for Windows 3.1 and higher
- NovaBack from NovaStor for Windows 3.1 and higher

For AIX PS/2 environments:
- AIX PS/2 1.3.0 with PTF U400005

For SCO UNIX environments:
- SCO UNIX System 5/386 Release 3.2v4 from the Santa Cruz Operation

Need more information?

For additional information about IBM's tape storage options for personal computer systems, please contact:
- Your IBM marketing representative
- Your Authorized IBM Remarketer
- Your Authorized IBM Distributor, Personal System Products
- The IBM HelpCenter® at 1-800-772-2227