

New from Contech!

Low Cost

1/2 Inch, 9 Track IBM Compatible Magnetic Tape Subsystems for PC-DOS, MS-DOS XENIX and LAN Systems



- For IBM PC/XT/AT/RT and all Compatible Microcomputers. Also for 286 and 386 PC Family Computers
- For Magnetic Tape Exchange Between Mainframes, Minicomputers and PC Family Microcomputers.
- For Access to Data Archives and for FAST, Reliable Disk Backup.
- Use with DBASE, LOTUS, Word Processors and DeskTop Publishing.
- Compatible With Your Special Application Programs Written in C, BASIC, PASCAL, or FORTRAN.
- The Only Universally Standard Computer Data Recording Medium: 9 Track 1/2 Inch Magnetic Tape.
- Transport Data To and From ANY Computer, MiniComputer, or Mainframe to Your PC/XT/AT or Compatible.
- Read Tape From Any Library.
- * Send Standard Format Tape to Mainframe Archives.
- Convert ASCII To EBCDIC, Pack and Unpack BCD Records.
- Six Low Cost, High Speed or High Performance Magnetic Tape Systems to Choose From.
- All Standard Reel Sizes Accepted: 7", 8 1/2" and 10 1/2" Diameter.
- Desk Top or Rack Mounting.
- System Includes All Software Utilities for Fully Compatible Read and Write Operations.
- Tape Systems Also Available For Other Popular Computers. Ask for Details.

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ALL SYSTEMS OFFER:

- High speed backup to 5 M bytes per minute.
- Mainframe compatibility with EBCDIC/ASCII conversion.
- Convert and separate packed BCD files.
- Read and write ASCII and/or EBCDIC and/or binary files.
- Interface C, FORTRAN, BASIC, PASCAL applications programs with supplied utilities and example programs.
- Compatible with LANs.
- Device drivers assign character device for PC-DOS/MS-DOS direct addressing.
- Optional XENIX compatibility.

PC-DOS AND MS-DOS PROGRAMMING TOOLS

Supplied diskettes include an installable device driver to provide a standard programming interface for access to the tape drive through PC-DOS and MS-DOS functions OPEN, CLOSE, READ, WRITE and IOCTL. Diskette provided example programs interface to the MTO "character" type device driver in FORTRAN, BASIC, PASCAL and C. An alternate to the DOS device driver also is provided (all tape subroutine) for specialized tape functions requiring maximum tape control. Buffering up to 64 K bytes in the DEMAND DATA MODE supports the fastest data transfer rates obtainable in the PC computer family: Up to 1 million bytes per second for PC/XT type computers, and up to 500 K bytes per second on IBM AT computer types.

TAPE UTILITIES

On installation or during use a comprehensive System Diagnostic BTEST provides a rapid checkout of the integrated tape subsystem. FDUMP enables you to quickly examine data blocks of any incoming 9 track tape. The tape's data density as written must match the tape drive's capability: A 1600 character per inch (cpi) or 1600 bits per inch (bpi) reel of tape can only be read or written by a tape drive providing 1600 cpi (or bpi) operation. CONFIG permits you the capability to change DMA channel number, the controller's I/O base address, interpretation of density/speed select line, and interpretation of drive type (streaming or start/stop). DEPOT (Data Exchange Program with Optional Translation) permits reading and writing of tapes, ASCII/EBCDIC conversion, with packed fields, automatic insertion of carriage return and line feed delimiters. Command line execution allows convenient batch file organization for repetitive operations. FLASHBACK is an easy to use disk to tape backup, optimized to perform high speed throughput to 4.8 million bytes per second. FLASHBACK prints a record of files on tape,

XENIX COMPATIBILITY

The XENIX tape package includes a XENIX device driver permitting use of standard XENIX tape commands: TAR, BACKUP, RESTORE, CPIO and DD. Device drivers for IBM XENIX 1.0 and SCO XENIX System V release 2.0 (or later) are supported.

Six Models to Choose From:

LOW COST

- MODEL T-100, 1600/3200 cpi, 50/25 ips, respectively, mainframe tape format compatibility, PC-DOS/MS-DOS compatible.
- MODEL T-100X, same as MODEL T-100 with XENIX IBM 1.0 and SCO System V compatibility.

HIGH SPEED

- MODEL T-200 1600/3200 cpi, 25/50/100 ips tape speed, high speed streaming tape drive, PC-DOS/MS-DOS compatible.
- MODEL T-200X, same as MODEL T-200 with XENIX IBM 1.0 and SCO System V compatibility.

GCR GROUP CODE RECORDING

- MODEL T-300, 1600 cpi PE and 6250 cpi GCR recording.
- MODEL T-300X, same as MODEL T-300 with XENIX IBM 1.0 and SCO System V capability.

FAST SERVICE POLICY

We service what we sell. See our two day turn-around policy and full one year warranty. See also our 30 day satisfaction guaranteed policy.

FROM CONTECH

We have installed IBM format compatible tape systems since 1971. Ask for customer references. Also inquire for VME, S-100, and/or Multibus controllers and complete tape subsystems. Also Data General and Digital (DEC) compatible tape subsystems are supported by Contech.

Got a question? Call us direct for on the spot help.

Write or call for complete information: (818) 343-6505

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