

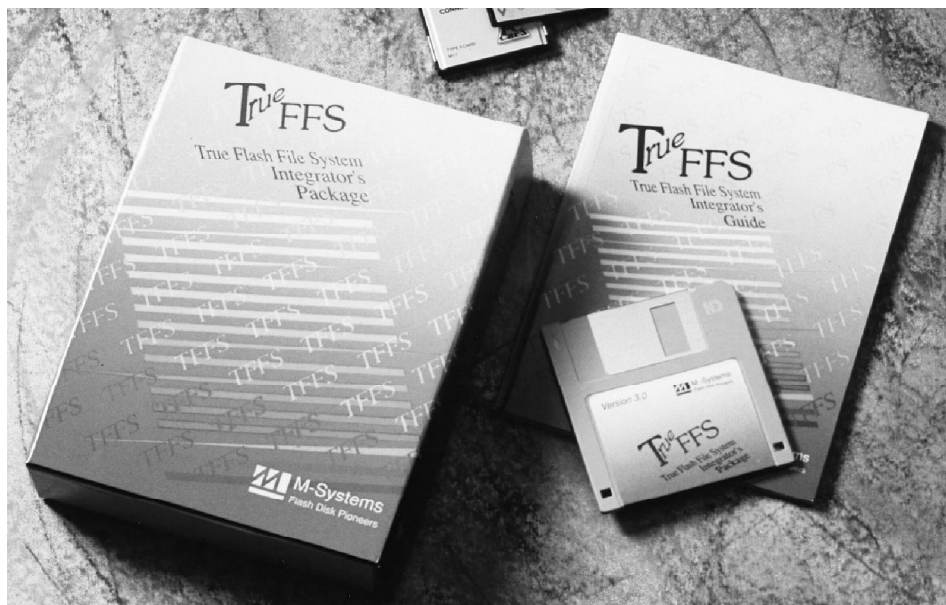
## TrueFFS\* and LFDC – 1016

### TrueFFS\* Software

- Embeddable software solution for creating a flash disk using Intel Flash memory devices
- Provides 100% read & write hard disk emulation
- Cold-bootable
- Provides FTL standard compliance, which is endorsed by the Intel Memory Components Division
- Supports PCMCIA cards as well as on-board resident flash arrays

### LFDC Flash Disk Controller

- Single-chip solution for interfacing Intel Flash memory components to ISA bus or CPU local bus
- Supports 1 to 32 Mbytes
- Bundled with TrueFFS for a turn-key, bootable flash disk solution
- Power management support



M-Systems is the leading provider of flash disk solutions based on Intel Flash memory components. Our industry-standard TrueFFS technology provides the fastest, most reliable flash disk emulation capability available.

With TrueFFS and the Linear Flash Disk Controller (LFDC), we offer an unbeatable combination of hardware and software to provide a simple-to-integrate, turnkey design for implementing on-board flash disk solutions.

TrueFFS handles all the background functions necessary for disk emulation including garbage collection, wear-leveling, sector table management, and flash write verification, all while consuming only 23K of memory! TrueFFS has been used in millions of flash disks and is a proven, tested technology.

The Linear Flash Disk Controller comes in a 100 pin QFP package and includes a TrueFFS license with each device. This combination of hardware and software solutions provides a simple way to quickly integrate a flash disk into your PC design.

M-Systems also offers other easy-to-integrate flash disk boards for ISA and PC/104 bus as well as DiskOnChip\*, the world's smallest disk drive.

TrueFFS supports DOS, Windows\*, Windows 95, QNX\*, pSOS and other operating systems for Intel-based computers.

### INTEL FLASH MEMORY SUPPORTED:

28F004SC, 28F008SA, 28F008SC, 28F016SA, 28F016SC, 28F016SV, 28F016XD, 28F016XS, 28F032SA, Series 2 Cards, Series 2+ Cards, Value Series 100 Cards, Series 100 Miniature Cards

### AVAILABILITY:

Now

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 **M-Systems**  
Flash Disk Pioneers