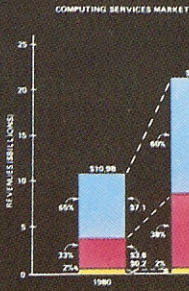
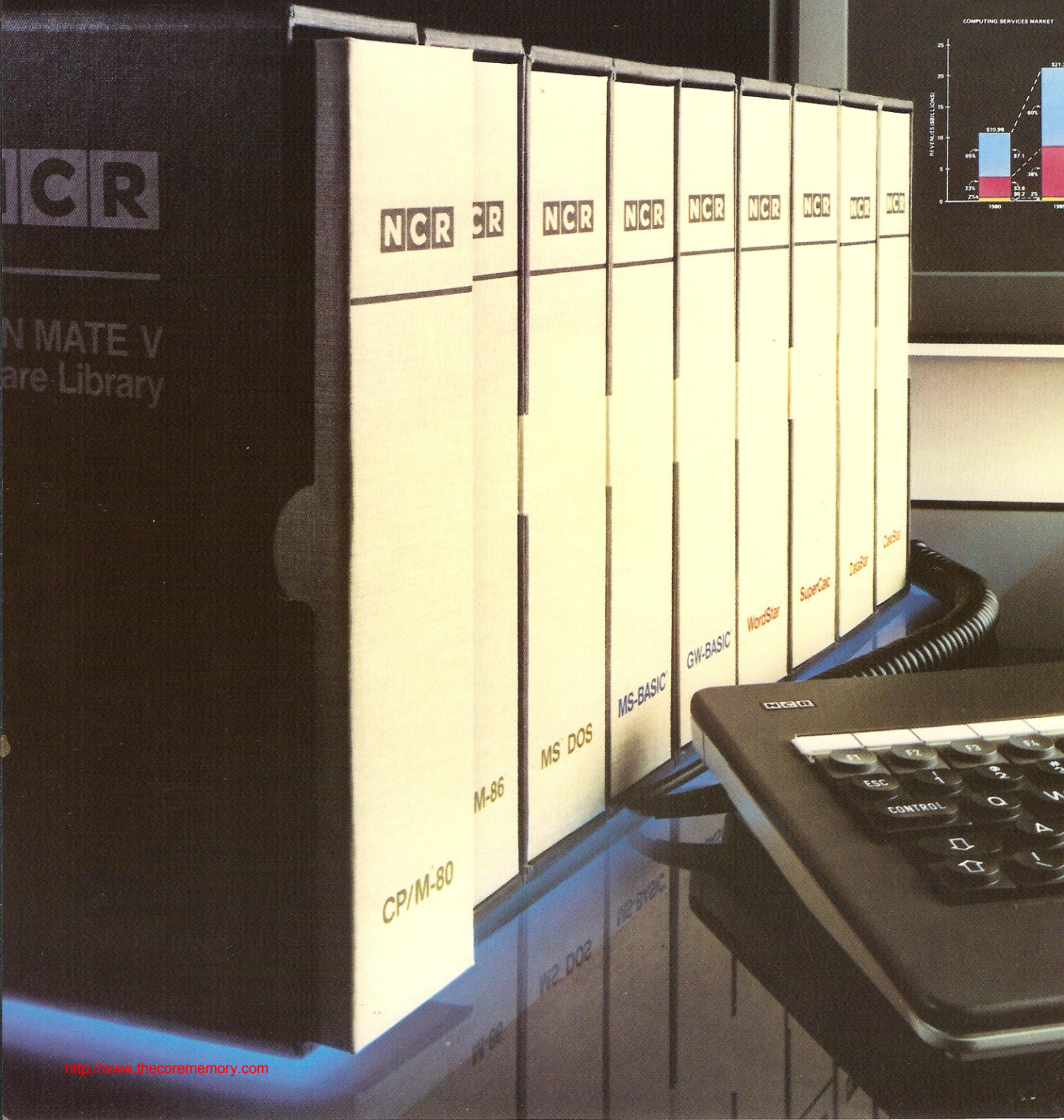


Software Library



MS-DOS[®] Operating System

MS-DOS is a popular 16-bit, single-user, microcomputer disk operating system designed for fast processing and file flexibility. Its powerful file characteristics provide the ability to customize file structures according to your individual requirements.

MS-DOS is composed of three functional modules which reside in three separate files, the I/O system, the MS-DOS system, and the COMMAND user/MS-DOS interface. These modules provide for program construction, storage, editing, assembly or compilation, debugging, and execution in a dual 8/16-bit processing environment.

MS-DOS Features

Among the features provided by MS-DOS are:

- Powerful Flexible File Characteristics — Fast, efficient file structure with no physical file/disk size limitations; program relocatability.
- Assembly Language Support — Written entirely in 8086/8088 assembly language; MACRO-80 compatible source translator; relocatable Macro-Assembler; extensive programmer language support.
- CP/M-80[®] Conversion — Easy conversion from CP/M-80 operating system.
- Device Independent I/O — I/O is device independent; no need to log in disks.
- Error Recovery — Advanced error recovery capabilities.
- Memory Management — Supports contiguous memory locations and allows multiple programs to reside in memory simultaneously.
- Debug Support — Provides capability to debug at machine-code level.
- Line Text Editor — Provides capability for line text editing.
- IBM Compatibility — Compatible with IBM personal computer operating system and disk files.

MS-DOS Command Utilities

MS-DOS is designed for upgradability from an 8-bit architecture; it provides easy conversion of application programs from a CP/M-80 operating system. Like CP/M-80, MS-DOS supplies you with a full set of command utilities that enable the creation, deletion, renaming, and reading and writing of both sequential files with variable-length records and random access files with fixed-length records. Among the command utilities provided are:

- CHKDSK — Validate directory integrity; report disk space free; report transient space free
- TYPE — Display file on screen
- RENAME — Rename file
- ERASE — Erase directory entries
- COPY — General file transfer
- EDLIN — Line-oriented editor
- DEBUG — Debug at machine-code level
- SYS — Copy system programs
- FORMAT — Format diskette
- LINK — Relocating linker
- DATE — Display or set system date
- (batch) — Initiate a batch execution
- PAUSE — Pause in batch execution
- REM — Display a comment in batch file
- FC — Compare files at byte-level
- DISK COPY — Copy entire disk.

MS-DOS Standard System Support

Processor: Z-80A 8-bit/8088 16-bit

Memory: 64KB RAM

Graphics

Memory: 32KB or 96KB

Disk Drives: Two 5¼" flexible disk drives, 320KB each formatted; or one 5¼" flexible disk drive, 320KB formatted plus one integrated Winchester disk drive, 10MB formatted; or two 5¼" flexible disk drives, 320KB each formatted plus one external Winchester disk drive, 10MB formatted

Display: 12" CRT monochrome display or

Screen: 12" CRT color display

Keyboard: Detachable alphanumeric keyboard

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CP/M-80[®] is a registered trademark of Digital Research, Inc.

NCR

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