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CP/M-80

M-86

MS-DOS

MS-BASIC

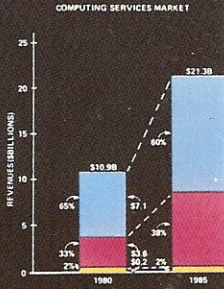
GW-BASIC

WordStar

SuperCalc

DeskJet

CardJet



CP/M-80[®] Operating System

CP/M-80 is one of the most widely accepted 8-bit, single-user, single-tasking, microcomputer disk operating systems in the computer industry. It combines small, simple, and efficient design characteristics in an operating system that is fast, reliable, "user friendly", and compatible with a tremendous number of existing, field-proven software programs and packages.

The high performance CP/M-80 provides you with an environment for program construction, storage, editing, assembly or compilation, debugging, and execution. It consists of three functional modules — Basic Disk Operating System (BDOS), Basic Input/Output System (BIOS) and Console Command Processor (CCP).

CP/M-80 Features

Among the features provided by CP/M-80 are:

- Named File Structure Implemented On Each Disk — Allows dynamic allocation of file space and sequential and random file access.
 - Independent Console Input and Output Support — Ideal for applications requiring basic console input and output (such as word processing and graphics) because it allows bypassing of all CP/M-80 normal control character functions.
 - Flexible Printer Support — A complete spectrum of printers from simple dot matrix to high speed line is supported.
 - IOBYTE Support — Allows physical and logical reassignment of peripheral devices.
 - Powerful Context Editor — The character oriented text editor can be used to create documents or computer programming code.
 - Assembler Support — The assembler translates assembly language into binary machine code.
 - Dynamic Debugging Tool — DDT enables you to interactively test and debug programs.
 - Disk Drive Support — Will support the following disk drive configurations: two 5¼" flexible disk drives; or one 5¼" flexible disk drive and one integrated Winchester disk drive; or two 5¼" flexible disk drives and one external Winchester disk drive.
- FORMAT — Diskette initialization; specify disk format
 - DIR — Display disk directory
 - STAT — File and disk status reporter; display status of disks, files, or I/O devices
 - TYPE — Display text file on screen
 - REN — Rename file
 - ERA — Erase file
 - PIP — Peripheral interchange; copy file
 - EDIT — Create and edit text source files; a character oriented editor
 - ASM — Translate assembly language to binary code
 - DDT — Dynamic Debugging Tool; interactively debug assembled programs
 - LOAD — Produce a memory image file (COM file) of the Hex file; conversion program between Hex and Com files, convert Hex file to binary object code
 - SUBMIT — Execute a string of commands
 - XSUB — Extend SUBMIT utility to provide input to programs executed in the SUBMIT mode; simulate keyboard entry into programs
 - DUMP — Dump files to terminal in hexadecimal form
 - CONFIG — Interactive system parameter display and modification
 - SYSGEN — Generate and send copy of CP/M-80 from the source flexible disk system RAM to the destination flexible disk
 - SAVE — Place "n" pages onto the disk (256-byte blocks) from the Temporary Program Area (TPA) and allow naming of this file
 - USER — Display or set the current user number
 - EXCHANGE — Data exchange with disks from other personal computers

CP/M-80 Command Utilities

CP/M-80 furnishes a full set of fundamental command utilities that enables 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:

CP/M-80 Standard System Support

Processor: Z-80A 8-bit or 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 Screen: 12" CRT monochrome display or

12" CRT color display

Keyboard: Detachable alphanumeric keyboard

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206 Marylebone Road
London NW1 6LY
01-723 7070