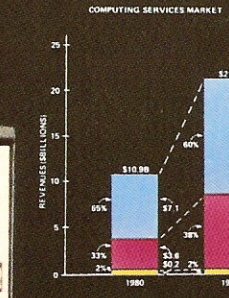
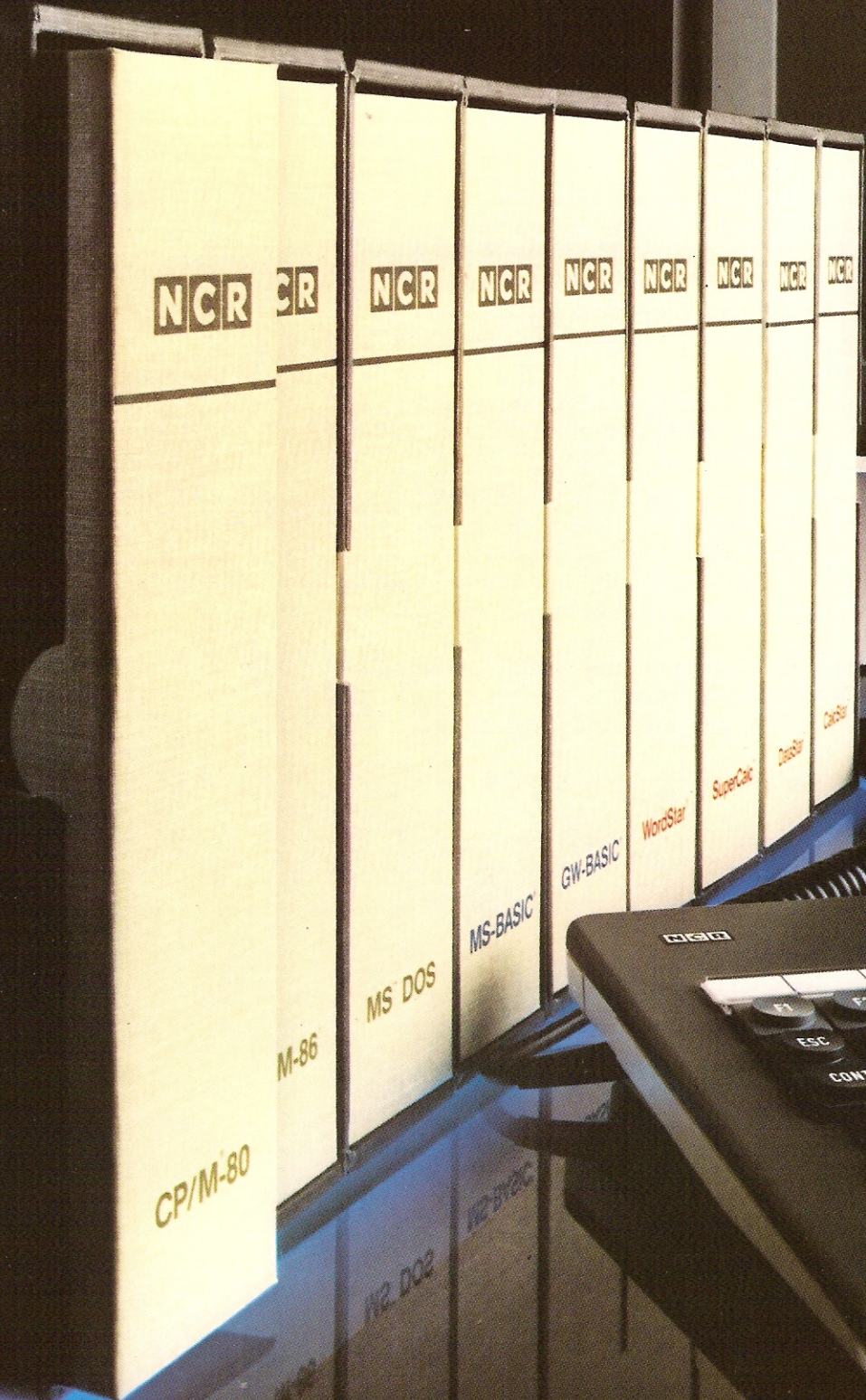


Software Library

MS[®]-BASIC

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MS[®]-BASIC Programming Language

MS-BASIC is the widely accepted industry compatible programming language for developing and creating application programs in an 8-bit processing environment. It's an extensive implementation of BASIC that combines BASIC's easy-to-learn, easy-to-use characteristics with additional features that enable a microcomputer to perform like a minicomputer or large mainframe.

MS-BASIC Features

- Four variable types: Integer (± 32767), String (up to 255 characters), Single Precision Floating Point (7 digits), Double Precision Floating Point (16 digits).
- Trace facilities (TRON/TROFF) for easier debugging.
- Error trapping using the ON ERROR GOTO statement.
- PEEK and POKE statements to read and write any memory location.
- Automatic line number generation and renumbering, including referenced line numbers.
- Matrices with up to 255 dimensions.
- Boolean operators OR, AND, NOT, XOR, EQV, IMP.
- Formatted output using the complete PRINT USING facility, including asterisk fill, floating dollar sign, scientific notation, trailing sign, comma insertion.
- Direct access to I/O ports with the INP and OUT functions.
- Extensive program editing facilities via EDIT command and EDIT mode sub-commands.
- Assembly language subroutine calls (up to 10 per program).
- IF/THEN/ELSE and nested IF/THEN/ELSE constructs.
- Disk BASIC supports variable length random and sequential disk files with a complete set of file manipulation statements: OPEN, CLOSE, GET, PUT, KILL, NAME, MERGE.

MS[®]-BASIC is a registered trademark of Microsoft Corporation.



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