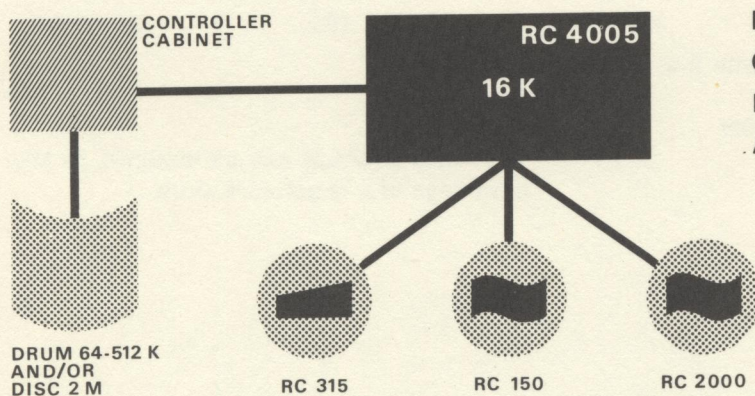# rc 4000 COMPUTER ®

SPECIFICATION

SOFTWARE

RC 4000 SOFTWARE PACKAGES

Time-Sharing Package
- Monitor 1
- Slang 3
- Utility 3 (Editor 3, Debug 3)
- Algol 5
- Fortran
- Mathematical Procedure Library

This package contains all the software needed for time-sharing and for programming in machine language and higher level languages. It is suitable for a wide variety of applications including batch processing, multiple console conversation, and real-time scheduling.

Minimum Machine Configuration

EXTENDED RC 4000 COMPUTER WITH DRUM AND/OR DISC AS BACKING STORE

- RC 4005 Central Processor with 16 K Core Store
- RC 315 Input/Output Typewriter
- RC 150 Paper Tape Punch
- RC 2000 Paper Tape Reader
- RC 4320 Magnetic Drum Store of 64–512 K and/or RC 433 Magnetic Disc Store of 2 M
- RC 4060 Input/Output Controller Cabinet

Apart from these devices, Monitor 1 can at present administer:
- RC 405 Punched Card Readers
- RC 610 Line Printers
- RC 707 Magnetic Tape Stations

Monitor 1 can be modified to take advantage of a larger core store and a larger backing store, and to handle more than one device of each kind; it can also be extended with codes to handle new kinds of devices.

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Basic Package

- Slang 2
- Utility 2 (Loader 2, Editor 2, Debug 2)
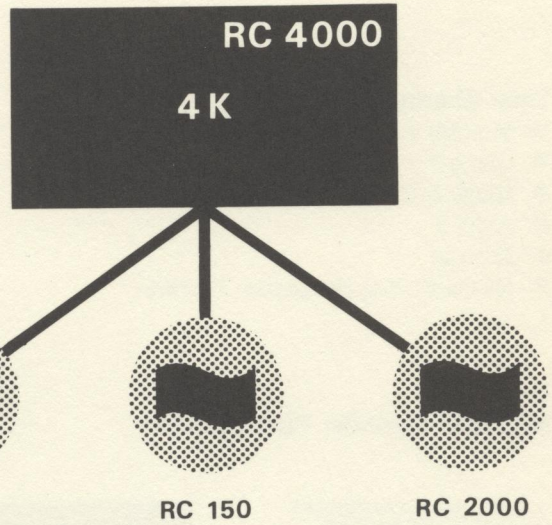
This package contains all the basic software necessary for using the RC 4000 computer, namely, an assembler and the utility programs needed to help prepare and debug assembly language programs. RC 4000's time-sharing capability is not supported by this package.

Minimum Machine Configuration

SMALL RC 4000 COMPUTER WITHOUT BACKING STORE

RC 315   RC 150   RC 2000

- RC 4000 Central Processor with 4 K Core Store
- RC 315 Input/Output Typewriter
- RC 150 Paper Tape Punch
- RC 2000 Paper Tape Reader

The basic package can be modified to take advantage of a larger core store.

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