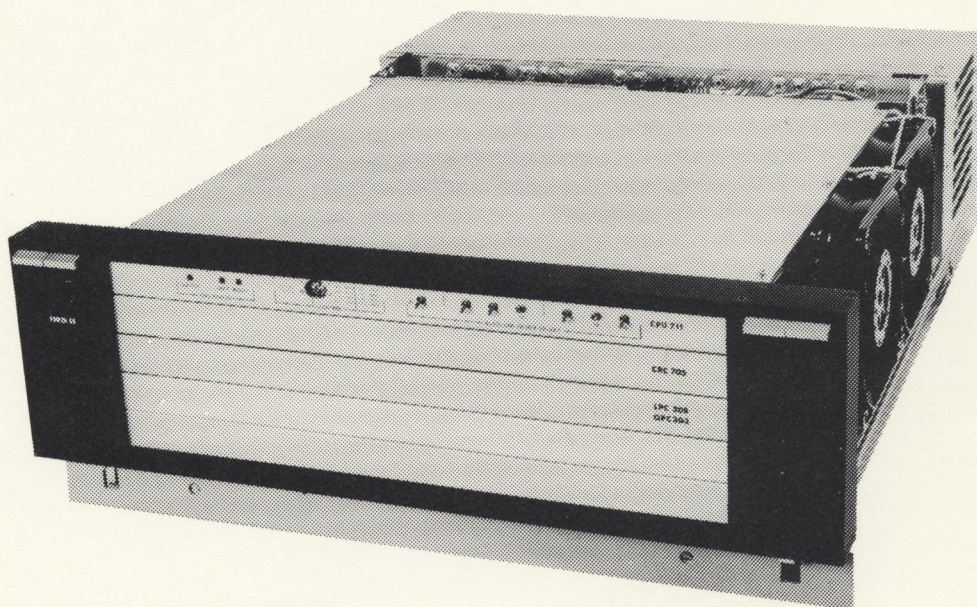




RC 3702

**Processor
Expansion**

- FOR INCREASED DATA PROCESSING POWER
- EXPANDS THE PROGRAMMABLE MEMORY AREA
- DUAL SYSTEM OPERATED AS A SINGLE COMPUTER



GENERAL

In case the volume of work exceeds the capacity of an RC3600 system it is possible to increase the capacity by integrating an RC3702 processor expansion into the current system.

The specific way of doing so is closely associated with the application running on the RC3600 system in question. Therefore this information should be considered as a guideline only.

The RC3702 processor expansion additionally provides an RC3703 processing unit and 64 K bytes of semiconductor memory area to the current system. The resulting data processing power of the dual system thereby yields 1.5 to 1.7 times that of a single system as well as the programmable memory area is expanded.

Nevertheless, the dual system will run as one computer and the users need not be worried about significant changes in operating the system.

CHARACTERISTICS

Running a dual system asynchronous and synchronous communications lines are normally connected to one cpu (CPU-B) and the input/output as well as mass storage devices to the other cpu (CPU-A). Also the main console is connected to the latter. This way of arranging the peripherals provides for optimum interprocessor communications, because the software can be allocated correspondingly and the transfers can take place on a file segment level rather than on the level of input/output items.

The RC3702 processor expansion can be used with the RC3600 systems based on either the RC3603/RC3803 or RC3703 processing units and equal environmental conditions apply.

SPECIFICATIONS

Central processing unit:	RC3703
Memory:	64 Kbytes semiconductor included with the cpu
Interprocessor comm.:	RC3695 parallel adapter
Power requirements:	220 V, 50 Hz, 400 W
Mounting:	1 chassis in a 19-inch cabinet (height: 17.8 cm/5.9 in.) 1 slot in a chassis of the system to be expanded