

# Cii Honeywell Bull DPS 4

## PRODUCT DESCRIPTION

The small-scale DPS 4 multiprocessor computer is designed for business data processing or data communications and can be operated in normal office environments. The DPS 4 has a 32-bit system bus connecting specialized processors that can be configured for non-stop operation. The machine architecture, in conjunction with the GCOS 4 operating system, supports multi-programming of up to 15 interactive job streams.

**RELATION TO CURRENT PRODUCT LINE:** The DPS 4 is an upgrade for Level 61 systems, and is a replacement for Level 62 systems, which are no longer available in new production (CII-HB provides the 64/DPS as a Level 62 upgrade).

**COMPETITIVE POSITION:** The DPS 4 competes against the IBM System/34 and other systems in this performance class. "Transit" conversion tools allow users to upgrade from small computers in the Level 61 category: IBM System/3 Models 8, 10, and 12; and the System/32.

## BASIC SPECIFICATIONS

**MANUFACTURER:** Cii Honeywell Bull, 94, avenue Gambetta, B.P. 33, 75960 Paris, Cedex 20, France. Telephone 360.02.22. Telex 220 898 F.

**MODELS:** The DPS 4 is a modular multi-processor system comprising from three to five processors dedicated to various tasks. The Interior Decor Processor (IDP) executes each program instruction, the Input/Output

**PRODUCT:** The Cii Honeywell Bull DPS 4, a small-scale multi-processor computer for business data processing or data communications.

**DATE ANNOUNCED:** November 20, 1980 in Paris.

**DELIVERY:** Fourth Quarter, 1980.

Processor (IOP) controls all peripherals excluding disks, and the Disk Processor (DP) controls the disk subsystems. As an option, the user can add a Multi-Line Communications Processor (MLCP), providing up to 32 communication lines, as well as a second IDP in order to increase processing power.

**MAIN MEMORY:** 512K to 2,048K bytes in 256K byte increments.

**DISK CAPACITY:** 160 megabytes (2 x 80 megabytes) to 1,800 megabytes (6 x 300 megabytes).

**CONFIGURABILITY:** A minimum DPS 4 configuration comprises three processors, 512K bytes of memory, 160 megabytes of disk storage, one video console, two workstations, and one 600-line-per-minute printer. A medium configuration could comprise four processors, 768K bytes of memory, 900 megabytes of disk storage, one video console, 10 workstations, three remote printers, and one 600-line-per-minute printer.

**COMMUNICATIONS:** The Input/Output Processor, handling the basic input/output of data to and from unit ➤



Providing a natural growth path for Level 61 users, the DPS 4 fits easily into the normal office environment: the set of processors is housed in a 144 cm by 50 cm by 76 cm cabinet.

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record devices, provides up to eight communications lines. In addition, an optional Multi-Line Communications Processor provides up to 32 communications lines for local or remote connection.

**OPERATING SYSTEM:** The DPS 4 system runs under the GCOS 4 operating system which is based on the Level 62 GCOS operating system. GCOS 4 features multi-programming, spooling, and dynamic memory management. Up to 15 job streams can be processed concurrently, limited only by the amount of physical memory present in the system.

**APPLICATION PROGRAMS:** The DPS 4 is marketed with software packages for applications in inventory accounting, purchase order control; general, purchase and

sales ledgers; sales analysis; and sales order processing. In addition, Level 61 applications software can be run on DPS 4 machines.

**LANGUAGES:** High level programming languages include COBOL, RPG2, and FORTRAN.

### PRICING

<u>Equipment</u>	<u>Purchase</u>	<u>Rental</u>
Minimum configuration	559,159 French francs	Not established
Medium configuration	1,229,720 French francs	Not established