

Burroughs B 93

OVERVIEW

Burroughs B 93 small business computer, the third system in Burroughs' B 90 Series, is designed to simplify automation of key business functions and allow data processing and word processing operations to be merged in an integrated system. The B 93 is similar in design to the earlier B 91 and B 92, but differs slightly in memory capacity and channels. The B 93 also offers an increase of up to four times in data communications speed and twice the disk storage capacity of previous models in the B 90 Series.

The B 93, available in a single cabinet that occupies less than 5 square feet of floor space, includes large-scale integrated circuitry; a 2 MHz cycle time; basic memory of 256K bytes expandable to 512K bytes; 4K byte memory for cold start, warm start, maintenance test routine; 8 input/output channels; up to 3 disk controllers; up to 4 data communication channels; and on-board diagnostics.

Through the English language Word Management System (WMS) software, word processing operations can run in parallel, or be combined with computer application programs.

While some workstation operators are performing business data processing tasks, others may be extracting information from computer files for preparation of letters, memos, contracts, reports or other documents. A terminal in the local network can be designated as both a data entry/inquiry station and as an operator control display.

Support services available for B 93 users include customer training, installation, maintenance of both equipment and software, and a telephone "hot line" service.□

AVAILABLE DETAILS

MODEL: B 93.

MAIN MEMORY: 256K bytes to 512K bytes.

DISK STORAGE: Five disk storage options can be used in any combination on the B 93. Burroughs Super Mini-Disk II offers 6 megabytes per dual drive (3 megabytes per disk); 6 megabyte capacity built-in; 8-inch, flexible, removable media; and an average access time of 157 milliseconds.

The Burroughs Super Mini-Disk I features one megabyte per disk; one megabyte to two megabytes per unit; 8-inch, flexible, removable media; and an average access time of 266 milliseconds.

Burroughs disk cartridge drives are free-standing, removable media, dual drives with a 4.6 megabyte per cartridge capacity with an average access time of 145 milliseconds and a 9.2 megabyte per cartridge capacity with an average access time of 100 milliseconds. The maximum capacity is 27.6 megabytes (three drives).

Burroughs free-standing, fixed media disk drives provide high capacity on-line storage with an average access time of 55 milli-

CONTENT: The Burroughs B 93 small business computer is designed to allow word and data processing operations to be merged in an integrated system. With 256K bytes of memory, a 160 lpm printer, one MT 983 terminal, a six-megabyte Super Mini-Disk II, and an 18.8 megabyte fixed disk, the B 93 is priced at \$37,000.

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SCHEDULED DELIVERY: The second quarter of 1981.

seconds; 9.4 megabytes, 18.8 megabytes or 37.6 megabytes per drive, or 38.7 megabytes or 77.2 megabytes per drive; and a maximum capacity of 163.6 megabytes.

The Industry-Compatible Mini-Disk features a 243K byte capacity; average access time of 343 milliseconds; flexible media, interchangeable with media used with disk drives manufactured by other companies; and one drive per B 93 system.

PRINTERS: Up to two line printers can be attached to a B 93 system. They include 48-character set printers with speeds up to 650 lpm and 64-character set printers with speeds up to 600 lpm.

MAGNETIC TAPE: Magnetic tape cassettes are optional on the B 93. Any combination of up to 4 cassette stations can be attached. There are two types—PE and NRZ—used for input/output, audit entry, media exchange, or loading programs which are not resident on disk.

DATA COMMUNICATIONS: Asynchronous, synchronous, and bi-synchronous modes are available with line speeds up to 38.4 baud on switched, leased, or two-wire direct connect. The Network Definition Language (NDL) compiler for fast implementing or reconfiguring a data communications network, and the Message Processing Language (MPL II) compiler for interfacing of user programs to the data communications network are available.

COMPUTER MANAGEMENT SYSTEM (CMS) TERMINAL SOFTWARE: Includes the Master Control Program (MCP) for two-way operator communication, automatic multiprogramming, expanded virtual memory, dynamic resource allocation, and input/output control.

Also included are the CMS REPORTER; CMS DOMAIN; CMS CANDE (interactive command and edit program); CMS ARCS (automated run control system); CMS RPG-EDIT; CMS ODESY (on-line data entry system); and COBOL, RPG, MPL, and NDL on-board compilers for high level language programming.

WORD MANAGEMENT SYSTEM (WMS): Burroughs WMS software program provides integrated data processing and word processing capabilities for Burroughs B 90 and B 900 Series small business computer systems utilizing Computer Management System (CMS) operating software and TD 830 or MT 983 display workstations. WMS is designed to utilize information from data processing files for incorporation in letters and office documents. EMS is a shared logic system which will run concurrently with data processing applications.

APPLICATION PROGRAMS: Application programs available from Burroughs include wholesaling, manufacturing, contractors, government, education, health care, banking, savings and loan associations, and credit unions. ▶

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► PRICING

The purchase price for a B 93 with 256K bytes of memory, a 160 lpm printer, one MT 983 terminal, a six-megabyte Super Mini-Disk II and an 18.8 megabyte fixed disk is \$37,000. The lease rate is \$1,400 a month. Lease rates include 8 hours per day/5 days per week service availability.

Computer Management System (CMS) terminal software, required for the B 93, may be licensed for a one-time fee of \$2,500 or \$100 a month.

Application products are available for one-time license fees ranging from \$1,400 to \$19,000, or for \$59 to \$800 a month. ■