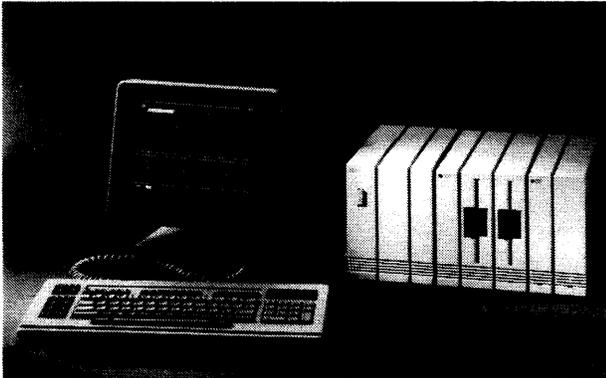


# Burroughs B 25



The Burroughs B 25, pictured above, is a modular system designed for use in single or multiuser environments. The B 25 is powered by an Intel 80186 CPU and contains 256K bytes of memory, a 12-inch black and white display, sculptured keyboard, and a dual diskette storage module. Priced at \$4,000, the B 25 can support up to five additional workstations.

## BACKGROUND INFORMATION

Burroughs Corporation, Burroughs Place, Detroit, Michigan 48232. Telephone (313) 972-7000.

IN CANADA: Burroughs Canada, 801 York Mills Road, Don Mills Ontario M3B 1X7. Telephone (416) 445-4030.

In May 1984, Burroughs expanded its family of B 20s with the introduction of the B 25. The unit is being marketed along with the XE520 shared resource processor as a cluster workstation. With the B 25 and XE520, Burroughs is aiming at the distributive data processing marketplace.

Burroughs Corporation, founded in 1866, continues to hold its ground as one of the major competitors in the data processing field with a broad base of computer equipment ranging from very large scale systems to small entry level systems. In addition to its data processing equipment, Burroughs also manufactures word processing, banking, facsimile, magnetic media, as well as other related products for business.

## SYSTEM CHARACTERISTICS

The B 25 desktop microcomputer features a compact modular design with multiple upgrade paths for a series of snap-in modules. Aimed at the business market, the 16-bit unit can be used in conjunction with the XE520 shared resource processor to expand the capabilities of the B 25 by supporting clusters of up to 32 B 20 and B 25 workstations.

The basic standalone unit includes an Intel 80186 microprocessor, 256K bytes of memory, a 12-inch black and white display, keyboard, and dual 630K-byte diskette drives. The B 25 system can be expanded to include up to 1M bytes of memory and up to 10M bytes of disk storage. It also supports graphics.

**Current models:** B 25.

**Memory:** 256KB-1MB RAM.

**Storage capacity:** 630KB-1.2MB diskettes; 10MB Winchester disks.

**Workstations:** clusters of up to 32 B 20 and B 25 units with the XE520 shared resource processor.

**Base list price:** \$4,000, includes CPU, 256KB RAM, CRT, keyboard, dual 630KB diskette drives.

**Typical list prices:** \$6,700, same as base plus the cluster workstation.

**Popular options:** from Burroughs—storage devices, printers.

**Principal programming languages:** Basic, Cobol, Fortran, Pascal.

**Principal applications software:** data management, communications, electronic spreadsheet, business graphics, word processing, electronic mail.

**First shipment:** June 1984.

**Number installed to date:** new product.

**Available through:** Burroughs sales force and expanded direct dealer and distribution channels.

Designed to share data simultaneously, a B 25 master unit can be configured with up to five additional workstations. The units have their own local dedicated disk storage, printers, and data communications lines. The XE520 workstation clusters utilize multiple dedicated high performance processors to provide file handling as well as input/output management. The B 25 has serial and parallel ports for a keyboard, printer, and CRT. Two serial ports support RS-232-C/RS-422 connections at a rate of up to 19.2 bps.

The typewriter-style keyboard has 98 sculptured keys, a palm rest, 14-key numeric pad, 8-key status/control function pad, 6-key cursor control pad and 10 programmable function keys. The keyboard also contains software controllable LED indicators on 8 keys.

The B 25 includes an external dual diskette subsystem which contains two 5¼-inch slimline diskette drives, each with a formatted capacity of 630K bytes. Burroughs offers a 10M-byte hard disk/diskette Storage Module, and a 10M-byte Hard Disk Expansion Module as storage options. The B 25 also has a printer interface for connection with any parallel printer.

The unit can run under BTOS, CP/M-86, and MS-DOS operating systems. Applications software offered for use with the system include: Multiplan, electronic spreadsheet; WRITEone, word processing; The Business Graphics Package, business graphics; Data Manager, data management; The B 25 Mail Master, electronic mail; B 25 Editor, text editor; and Poll/Select, IBM 3270, 2780/3780, RJE Terminal, Asynchronous Terminal Emulator, and X.25, communications. In addition, third party software is also being developed for the B 25 system.

For further details on this system, please reference the Burroughs B 20 report in the Datapro Reports on Microcomputers. □

## Burroughs B 25

### HARDWARE

#### PROCESSOR/MEMORY

Model: Intel 80186 (8MHz)  
RAM: 256KB-1MB  
Processor options: 256KB RAM board

#### DISPLAY

Model: Burroughs CRT  
Screen size: 12" monochrome or 15" color  
Chars./screen: 2320, 80 character x 29 lines  
Char. type: upper-/lowercase  
Attributes: adjustable from 15 to 45 degrees, rotatable at 30 degrees  
Features: adjustable brightness control, 60Hz refresh rate, green phosphor  
Graphics: bit-mapped graphics module  
Interface: —  
Price: included w/system

#### KEYBOARD

Type: typewriter-style  
No. of keys: 98 sculptured keys, includes 14-key numeric pad, 8-key status/control function pad, 6-key cursor control pad, 10 programmable function keys, LED indicators on 8 keys  
Interface: 5' coiled cable (serial)

#### DIRECT ACCESS STORAGE

Model:	Dual Floppy Module	Hard/Floppy Module	Hard Disk Module
Type:	5 1/4" slimline diskette	5 1/4" Winchester disk & diskette	5 1/4" Winchester disk
Capacity/drive:	630KB	630KB diskette, 10MB hard disk	10MB
Drives/system:	2	1 diskette, 1 hard disk	1
Avg. access time:	158 milliseconds	—	95 milliseconds
Transfer rate:	256K bps	—	312K bps
Interface:	—	—	—
Price:	included w/system	contact vendor	contact vendor

**PRINTER:** the B 25 has a printer interface for connection with any parallel printer

**DATA COMMUNICATIONS:** the B 25 is available w/2 serial ports, 1 parallel port, and a cluster interface

**OTHER I/O:** none specified

**I/O ELECTRONICS:** none specified

### SOFTWARE

#### LANGUAGES

Basic: Basic interpreter, \$750  
Cobol: \$750 (language includes compiler runtimes editor)  
Fortran: \$750 (language includes text editor, linker/librarian)

#### OPERATING SYSTEM

Name: CP/M-86, MS-DOS, BTOS, bundled

#### UTILITIES

Sort: none specified by vendor  
Text editor: Forms editor, \$990  
Others: Forms designer, \$500

#### DATA/DATABASE MANAGEMENT SYSTEMS

Name: Data Manager, \$1,200

#### COMMUNICATIONS SUPPORT

Name: Poll/Select, \$500; IBM 3270, \$750; 2780/3780 RJE Terminal Emulator, \$750; Asynchronous Terminal Emulator, \$500; X.25, \$500

#### APPLICATIONS PROGRAMS

Electronic Spreadsheet: Multiplan, \$200  
Word Processing: WRITEone, \$500  
Graphics: Business graphics package, \$750

### SUPPORT SERVICES

#### DOCUMENTATION

Range: from operator's to reference manuals, pricing varies from dealer to dealer

#### SUPPORT

Training & education: check with dealer  
Maintenance: 90-day parts and labor; annual maintenance agreement must be purchased thereafter

#### TERMS AND CONDITIONS

Lease terms: check with dealer  
Discounts: quantity discounts are available  
Warranties: 90-day parts & labor  
Software terms: system software manual included w/bundled operating system ■