



AT&T UNIX™ PC MODEL 3B1

TECHNICAL SPECIFICATIONS

Product Overview:

The AT&T **UNIX**™ PC Model 3B1 combines the power, ease of use, enriched communications and other advanced features of the AT&T **UNIX** PC Model 7300 with the increased storage capacity and higher performance of a 40 or 67 MB internal hard disk drive. With these reliable full height hard disks and the ability to expand RAM memory to 4 MB, the Model 3B1 supports as many as five simultaneous users.

Like the Model 7300, the Model 3B1 utilizes the **UNIX** System V Operating System to facilitate multi-tasking, windowing, and the easy resource sharing of programs, files, and peripherals by multiple system users. Yet with the record locking, password protection, and other security features of **UNIX** System V, access to any user's files can be controlled as required.

And in the AT&T tradition of investment protection, current users of the **UNIX** PC Model 7300 can easily upgrade to the **UNIX** PC Model 3B1. The AT&T **UNIX** PC Model 3B1—the ideal high performance system for small multi-user groups.

Highlights

Performance:

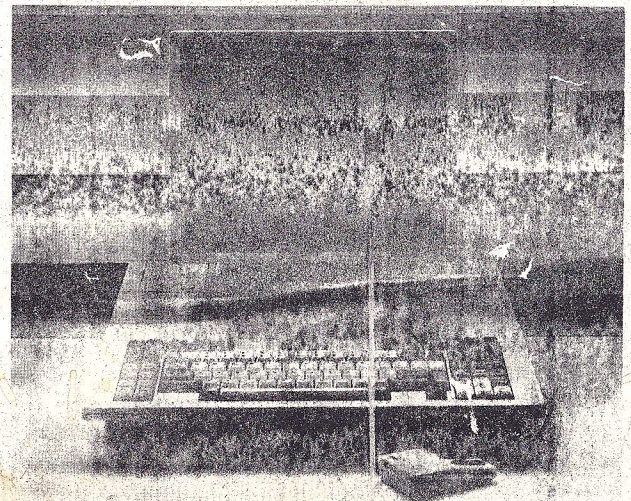
- The Motorola 68010 32-bit processor with clock speed of 10 MHz assures impressive speed and power at your fingertips.
- **UNIX** System V with built-in multi-user capabilities provides minicomputer power in a desktop package.
- Fast access (up to 30 ms) 40 MB or 67 MB hard disk drives provide mass storage capacity for large data bases and user files.
- The **UNIX** PC accommodates up to 5 simultaneous users for a cost-effective method of entering the multi-user computing environment.
- With the multiple-tasking capabilities inherent to **UNIX** System V users can do more—edit a report, update sales figures, develop a graph—all at one time.
- High-resolution bit-mapped monochrome screen display on the main console with 720 x 348 pixels highlights sharp, clear text and graphics.

Ease of Use:

- The easy-to-use User Interface allows even a beginner to quickly command the power of the **UNIX** PC.
- On-screen prompts and menu selections using familiar office terminology like "Clip Board," "Wastebasket," and "File Cabinet" permit users to easily access and step through different applications programs.
- The mouse assists main console manipulation, allowing fast cursor control and menu selection through simply "pointing and clicking."
- Experienced users can bypass the User Interface, if desired, for direct access to the **UNIX** Operating System.

Communications:

- A built-in communications package includes a 300/1200 bps modem and three modular jacks for connections to two separate phone lines and one conventional desk telephone set.
- Integrated software provides for directory search and speed calling, automatic redial, direct keyboard dialing of voice or data calls, call notes, call history, and auto log-in for data calls.
- **VT100**¹ emulation allows for the Model 3B1 to communicate with host processors in a **VT100** mode as well as for remote **VT100** terminals to communicate with the Model 3B1.



- Integrated software provides for simultaneous voice/data communications sessions: for example, the user can take call notes while having a telephone conversation on one line, and exchange data files with another computer using a second line.

Hardware Features:

Configurations:

- To meet a variety of user needs, the Model 3B1 is available in three configurations:
 - 40 MB hard disk with 1 MB on the System Board
 - 40 MB hard disk with 2 MB on the System Board
 - 67 MB hard disk with 2 MB on the System Board

Expandability:

- Three expansion slots are available for additional RAM memory, serial ports, and other growth needs.

Model 3B1 Specifications:

Processor	Motorola 68010 <ul style="list-style-type: none"> – 10 MHz clock speed – 32-bit processing – 16-bit data bus – Virtual Memory support
System Software	UNIX System V User Interface Communications Manager Asynchronous Communications <i>GSS² Drivers²</i> Remote Access Diagnostics UUCP Print Spooler
Memory	1 MB or 2 MB expandable to 4 MB
Disk Storage	40 MB or 67 MB internal hard disk (Formatted)

Communications Devices	1 RS-232C serial port 1 CENTRONICS³ parallel port 2 tip/ring line jacks (with modular cords) 1 telephone set jack 1 internal 300/1200 bps modem
Expansion Slots	3
Display Screen	12 inch diagonal screen Monochrome green on black phosphor 720 x 328 pixels 80 columns x 29 rows Reverse, underline, blinking, and high intensity Tilt and swivel design Standard QWERTY layout (103 keys) Hard function keys Application defined soft function keys Numeric keypad
Keyboard	3 buttons (enter, command, mark)
Mouse	EIA and RAM Expansion Boards <ul style="list-style-type: none"> – .5 MB RAM Board – 2 MB RAM Board – Dual EIA Port Board – EIA/RAM Combination Board
Hardware Options	.5 MB Chip Sets 23 MB Tape Cartridge Backup Unit <i>DOS-73⁴</i> Co-processor Board

For additional information, contact your Information Systems Account Executive or your Authorized AT&T Supplier.

¹Trademark of Digital Equipment Corporation
²Trademark of Graphics Software Systems, Inc.
³Trademark of Centronics Corp.
⁴Trademark of Alloy Computer Products, Inc.