

AT&T PERSONAL COMPUTER 6300 PLUS

Description

The AT&T PC 6300 PLUS gives users super MS*-DOS performance, compatibility with existing hardware and software, the exceptional multi-tasking features of the UNIX™ system, and an easy-to-use user interface.

From the outside, the AT&T PC 6300 PLUS looks much like the AT&T PC 6300 -- except there is a new racing stripe across the middle of the cabinet. The new computer will run both UNIX System V and MS-DOS simultaneously. The concurrent operating system feature is called OS Merge, and with it, MS-DOS runs as a UNIX task.

The 6300 PLUS implementation with the Intel 80286 processor has been designed with no memory wait states, making the machine up to 25% faster than the IBM PC AT when running as an MS-DOS machine.

The AT&T PC 6300 has seven expansion slots, three of which can accept 16-bit boards. Two configurations are available:

- o Hard disk unit with a 20 MB hard disk, 1.2MB floppy and 512K RAM;
- o Floppy disk unit with one 1.2 MB floppy and one 360K floppy drive and 512K of RAM.

A .5 MB chip set is available to increase memory on the motherboard. The MS-DOS capability is available immediately. The OS Merge with UNIX option will be available in the first quarter of 1986. The user will have the flexibility of using the AT&T PC 6300 PLUS as a super DOS machine only, or as dual operating system computer. This system has been certified operationally compatible by Future Computing. Programs running under previous MS-DOS-based machines will run on the PC 6300 PLUS. An upgrade option will also be available for owners of the AT&T PC 6300 who wish to upgrade to the PC 6300 PLUS.

Specifications

Processor	Intel 80286
Math Co-Processor	80287 (Optional)
Clock Speed	6 MHz
Wait States	None
Data Bus/CPU Architecture	16 bit/16 bit
Operating Systems	MS-DOS 3.1 and/or UNIX System V
User Interface	With UNIX System, similar to UNIX PC
Operating System Concurrency	OS Merge enables MS-DOS to run concurrently with UNIX System V.

Main Memory	512KB standard on motherboard, upgradable to 1 MB. Will support three additional 2 MB RAM expansion boards for a total of 7 MB
Configurations	<p>Hard disk Unit</p> <ul style="list-style-type: none">- 512K RAM- 1.2 MB Floppy Disk- 20 MB Hard Disk <p>Floppy Disk Unit</p> <ul style="list-style-type: none">- 512K RAM- 1.2 MB Floppy Disk- 360 KB Floppy Disk <p>Hard Disk is 20 MB half-height internal</p>
Display	12-inch (30cm) monochrome or color screen, supporting 640 x 400, 640 x 200 or 320 x 200 pixels in the graphics modes, and 80 characters by 25 lines in the character mode.
Keyboard	<p>Selectric² QWERTY key cluster, with 84 keys (the 84th key is used to activate the OS Merge feature).</p> <p>Other features include:</p> <ul style="list-style-type: none">- 10 function keys across top- 15 digit numeric key pad- Sculptured keys- N key rollover- Interface for AT&T PC 6300 Mouse- Tactile and acoustic feedback
Communications	<p>AT&T PC 6300 Communications Manager for MS-DOS (Optional)</p> <p>AT&T UNIX Telephone Manager for UNIX System V (optional)</p>
Serial Port	Standard EIA RS-232 asynchronous up to 9600 baud
Parallel Printer Port	Standard 25-pin IBM Centronics ³ compatible
Expansion Slots	Seven (4 8-bit, 3 PC 6300 16-bit)
Clock/Calendar	Standard on motherboard, includes battery backup
Dimensions	15" x 6" x 15" (37.5cm x 15cm x 37.5cm)

<u>Unit</u>	<u>Available</u>	<u>Price</u>
AT&T PC 6300 PLUS Hard Disk Unit 512K RAM 1.2 MB floppy Disk 20 MB hard Disk	Now	\$6,320 (includes keyboard and monochrome monitor)
AT&T PC 6300 PLUS Floppy Disk Unit 512K RAM 1.2 MB floppy disk 360 KB floppy disk	Now	\$5,095 (includes keyboard and monochrome monitor)
Option: UNIX with OS Merge and user interface	1Q 1986	\$395

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