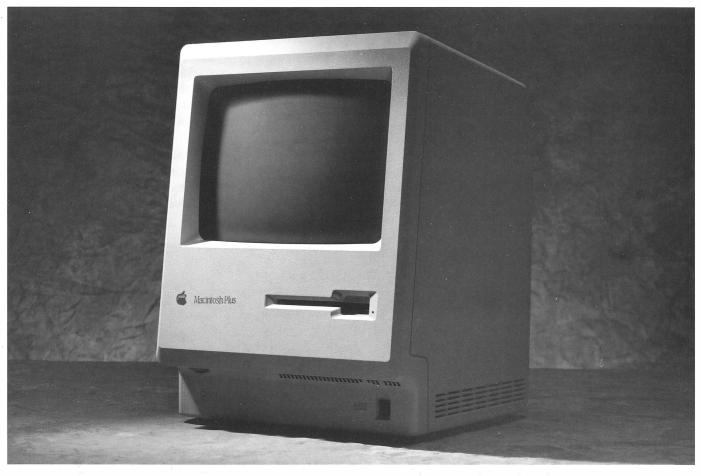# Macintosh Plus

Overview

The Macintosh™ Plus personal computer gives you the most important benefits of the Macintosh family—power, versatility, and ease of use—in an affordable, entry-level system.

Like others in the Macintosh family, the Macintosh Plus is simple to learn and use. It provides high-resolution text and graphics, and features plug-in compatibility with the AppleTalk® network, the Apple® LaserWriter® and LaserWriter Plus printers.

In addition, the Macintosh Plus offers more memory, more storage space, and more room to expand than previous Macintosh systems. That means faster execution of most programs—no waiting for parts of the program to be loaded from disk. More disk storage space means less disk swapping and faster loading of important information. The ability to add more peripherals means you can expand your Macintosh system with the accessories you need.

These features, together with an improved operating system, enhance system performance so that the Macintosh Plus can operate as much as 50 percent faster than its predecessors.

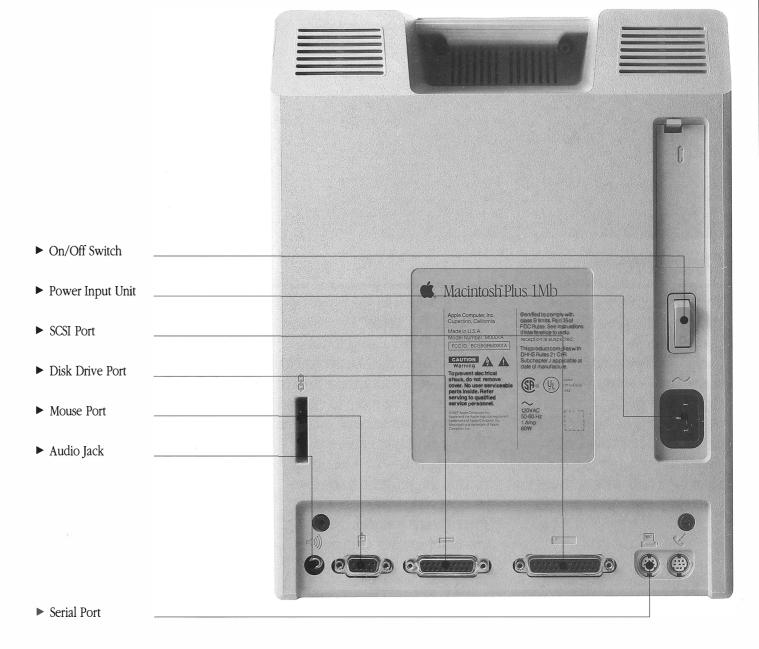| Macintosh Plus	Features	Benefits
	▸ 1 megabyte of RAM, expandable to 4 megabytes	▸ Quickly executes applications, even those requiring large amounts of memory. ▸ Provides room for memory-intensive applications, large models and data bases. ▸ Lets you expand memory easily, without board swapping.
	▸ 800K built-in disk drive	▸ Provides more storage capacity for applications, documents, fonts, and desk accessories. > Means fewer disks to swap and manage. ▸ Offers compatibility with single-sided 400K disks.
	▸ SCSI (Small Computer System Interface) port	▸ Transfers data at up to 265 kilobytes per second, up to six times faster than serial or external disk-drive ports. ▸ Lets you expand your system with up to seven peripherals, including high-performance disk drives, tape backups, and other products made by Apple and independent Macintosh developers.
	▸ 128K ROM includes: —Hierarchical File System —Drivers for 800K disk drive, Apple Hard Disk 20SC drive, AppleTalk network, and SCSI port —Faster QuickDraw graphics —RAM caching support	▸ Hierarchical File System creates organized storage for documents and allows easy access to files. ▸ Provides faster system performance because of enhanced software in ROM. ▸ Lets you start up directly from hard disks, without a startup disk. ▸ Results in faster printing and greater screen-to-page fidelity when using the LaserWriter or LaserWriter Plus printer. ▸ RAM caching speeds operation by automatically loading frequently-used data from RAM rather than from disk.
	▸ Standard typewriter-style keyboard with numeric keypad and cursor keys	▸ Numeric keypad speeds data entry for number-intensive applications such as spreadsheets and accounting packages. ▸ Cursor keys let you control the on-screen cursor without moving your hands from the keyboard.

Features	_Benefits_
▶ High-resolution 9-inch, bit-mapped graphic display	▶ Offers an economical, compact display that's easily transported. ▶ Makes it easy to create impressive, professional documents that integrate text and graphics. ▶ Lets you view documents on the screen as they will appear when printed.
▶ Macintosh user interface: mouse, icons, windows, and pull-down menus	▶ Lets you work quickly and naturally with the computer. ▶ Provides a consistent interface across applications.

▶ On/Off Switch

▶ Power Input Unit

▶ SCSI Port

▶ Disk Drive Port

▶ Mouse Port

▶ Audio Jack

▶ Serial Port

 Macintosh™ Plus 1Mb

Apple Computer, Inc.
Cupertino, California

Made in U.S.A.
Model Number: M0001A

FCC ID: BCG9GRM0001A

CAUTION ⚠ ⚠
Warning

To prevent electrical shock, do not remove cover. No user serviceable parts inside. Refer serving to qualified service personnel.

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Certified to comply with class B limits, Part 15 of FCC Rules. See instructions if interference to radio reception is suspected.

This product complies with DHHS Rules 21 CFR Subchapter J applicable at date of manufacture.

120VAC
50-60 Hz
1 Amp
60W

Macintosh Plus

Technical Specifications

Processor
▶ MC68000; 32-bit internal data bus; 7.83-megahertz clock speed

Memory
▶ 1 megabyte RAM, expandable to 4 megabytes in a socketed SIMMs (Single Inline Memory Module) configuration
▶ 128K ROM standard

Disk storage
▶ One built-in double-sided drive: uses 3.5-inch hard-case floppy disks either double-sided, 800K capacity; or single-sided, 400K capacity

Keyboard
▶ 78 keys, including numeric keypad and cursor keys; detachable; software mapped

Mouse
▶ Mechanical tracking; optical shaft encoding at 3.54 pulses per mm (90 pulses per inch) of travel

Screen
▶ 9-inch (diagonal) screen; 512 by 342 pixel bit-mapped display

Interfaces
▶ Two RS-422 serial ports (230.4-kilobaud data transfer rate; up to 920 kilobaud if externally clocked)
▶ One SCSI parallel port (up to 265 kilobytes/second depending upon the application)

Sound generator
▶ Four-voice sound with 8-bit digital/analog conversion using 22-kilohertz sampling rate

Clock/Calendar
▶ CMOS custom chip with 4.5-volt user-replaceable battery backup (includes 256 bytes of memory which remembers system parameters even with the machine turned off)

Electrical requirements
▶ Line voltage: 105 to 125 volts AC
▶ Frequency: 50 to 60 hertz
▶ Maximum power: 60 watts

Size and weight
▶ Height: 13.5 in. (34.3 mm)
▶ Width: 9.7 in. (24.6 mm)
▶ Depth: 10.9 in. (27.7 mm)
▶ Weight: 16 lb. 7 oz. (7.6 kg)

Ordering Information

Macintosh Plus Package

Order No. M2503

With your order, you'll receive:
▶ Macintosh Plus personal computer with built-in 9-inch monitor and 800K disk drive
▶ Mouse
▶ Detachable keyboard
▶ Owner's guide
▶ System Tools disk and backup
▶ Software Sampler disk and flyer
▶ Utilities disk and guide
▶ Your Apple Tour of the Macintosh Plus disk
▶ Limited warranty statement