Macintosh Classic

Technical Specifications
(continued)

Electrical requirements
· Line voltage: 120 volts AC, RMS (nominal)
· Frequency: 47 to 63 hertz, single phase
· Power: 100 watts maximum

ADB power requirements
· Maximum power draw for all ADB devices: 500 milliamps (a maximum of three ADB devices, daisy-chained to the port, is recommended)
· Mouse draws 80 milliamps.
· Keyboard draws 25 milliamps.

Size and weight
Main unit:
· Height: 13.2 in. (33.6 cm)
· Width: 9.7 in. (24.6 cm)
· Depth: 11.2 in. (28.5 cm)
· Weight: 16 to 17.1 lb. (7.3 to 7.8 kg)*

Mouse:
· Height: 1.1 in. (2.8 cm)
· Width: 2.1 in. (5.3 cm)
· Depth: 3.8 in. (9.7 cm)
· Weight: 6 oz. (.17 kg)

Keyboard:
· Height: 1.3 in. (3.3 cm)
· Width: 16.0 in. (40.5 cm)
· Depth: 5.9 in. (15.1 cm)
· Weight: 1.96 lb. (.89 kg)

Operating environment
· Operating temperature: 50° F to 104° F (10° C to 40° C)
· Storage temperature: -40° F to 116.6° F (-40° C to 47° C)
· Relative humidity: 5% to 95% noncondensing
· Maximum altitude: 15,000 ft. (4,722 m)

*Weight will be greater with internal hard disk.

Ordering Information

Macintosh Classic
Order No. M0422LL/A

With your order, you'll receive:
· Macintosh Classic personal computer with 1 megabyte of RAM and built-in 1.4-megabyte Apple SuperDrive
· Keyboard
· Mouse

· Complete setup, learning, and reference documentation
· System software and HyperCard software
· Training disk
· Limited warranty statement

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Macintosh Classic 2/40
Order No. M0435LL/A

With your order, you'll receive:
· Macintosh Classic personal computer with 2 megabytes of RAM, built-in 1.4-megabyte Apple SuperDrive, and internal 40-megabyte hard disk drive
· Keyboard

· Mouse
· Complete setup, learning, and reference documentation
· System software and HyperCard software
· Training disk
· Limited warranty statement

Product Details

System configurations
· Two configurations of the Macintosh Classic are available.
--The Macintosh Classic comes with 2 megabyte of RAM (expandable to 4 megabytes), internal 1.4-megabyte Apple SuperDrive floppy disk drive, ADB keyboard and mouse, system software, and training disk.
--The Macintosh Classic 2/40 includes everything that comes with the Macintosh Classic, plus an internal 40-megabyte hard disk drive.

RAM configurations
· The Macintosh Classic comes with 2 megabytes of RAM. An additional 2-megabyte of RAM can be added by Single In-line Memory Modules (SIMMs).

SCSI
· SCSI (Small Computer System Interface) is a high-performance interface bus used to connect hard disks and other SCSI-based devices, such as the AppleCD SC® CD-ROM drive, the Apple Scanner, and the Apple Personal LaserWriter to the Macintosh Classic. This single interface can support up to seven SCSI peripheral devices (six if you have an internal hard disk).

Network support
· The Macintosh Classic provides full ROM support for all AppleTalk protocols and includes built-in serial ports for LocalTalk network connections.

Operating system support
· Macintosh system software includes:
--System software version 6.0.6 or later (the Macintosh Operating System) with System Startup disk.
--System Additions disk (includes utilities such as the Apple File Exchange, HD SC Setup, CloseView, Disk First Aid[s], and Font/DA Mover)
· HyperCard® Software 2.0 Home, Addresses with Audio, Appointments with Audio, Audio Palette, and Audio Help stacks.

Technical Specifications

Microprocessor
· MC68000, 32-bit architecture
· 7.8336-megahertz clock speed

Memory
· 1 or 2 megabytes of RAM, expandable to 4 megabytes by means of SIMMs.
· 512K of ROM
· 256 bytes of parameter memory

Disk drives
· Built-in Apple Super-Drive 1.4-megabyte floppy disk drive (optional external 1.4-megabyte or 800K disk drive available)
· Optional internal 40-megabyte Apple SCSI hard disk drive
· Optional external Apple SCSI hard disk (many capacities available)

Monitor
· Built-in 9-inch diagonal, high-resolution (512-by 342-pixel) bit-mapped monochrome display

Interfaces
· One Apple Desktop Bus (ADB) port, supporting a keyboard, mouse, and other devices daisy-chained through a low-speed, synchronous serial bus (a maximum of three chained devices is recommended)
· Two serial (RS-232/RS-422) ports, 230 kilobits per second maximum (up to 0.920 megabits per second if clocked externally)
· SCSI interface, using a 50-pin internal connector and a DB-25 connector for the first external device; all subsequent SCSI-based peripherals use standard SCSI-to-SCSI interface cables.
· 3.5-inch external floppy disk drive (800K or 1.4-megabyte) interface
· Sound port for external audio amplifier or head-phones

Keyboard
· ADB keyboard with numeric keypad
· Two-level tilt adjustment

Mouse
· Apple Desktop Bus Mouse; mechanical tracking; optical shaft or contact encoding; 100 ± 10 pulses per in. $(3.9 \pm 0.39$ pulses per mm) of travel

Sound generator
· Four-voice sound with 8-bit digital-analog conversion using 22-kilohertz sample rate--capable of driving stereo headphones or other stereo equipment through the sound jack

Clock/calendar
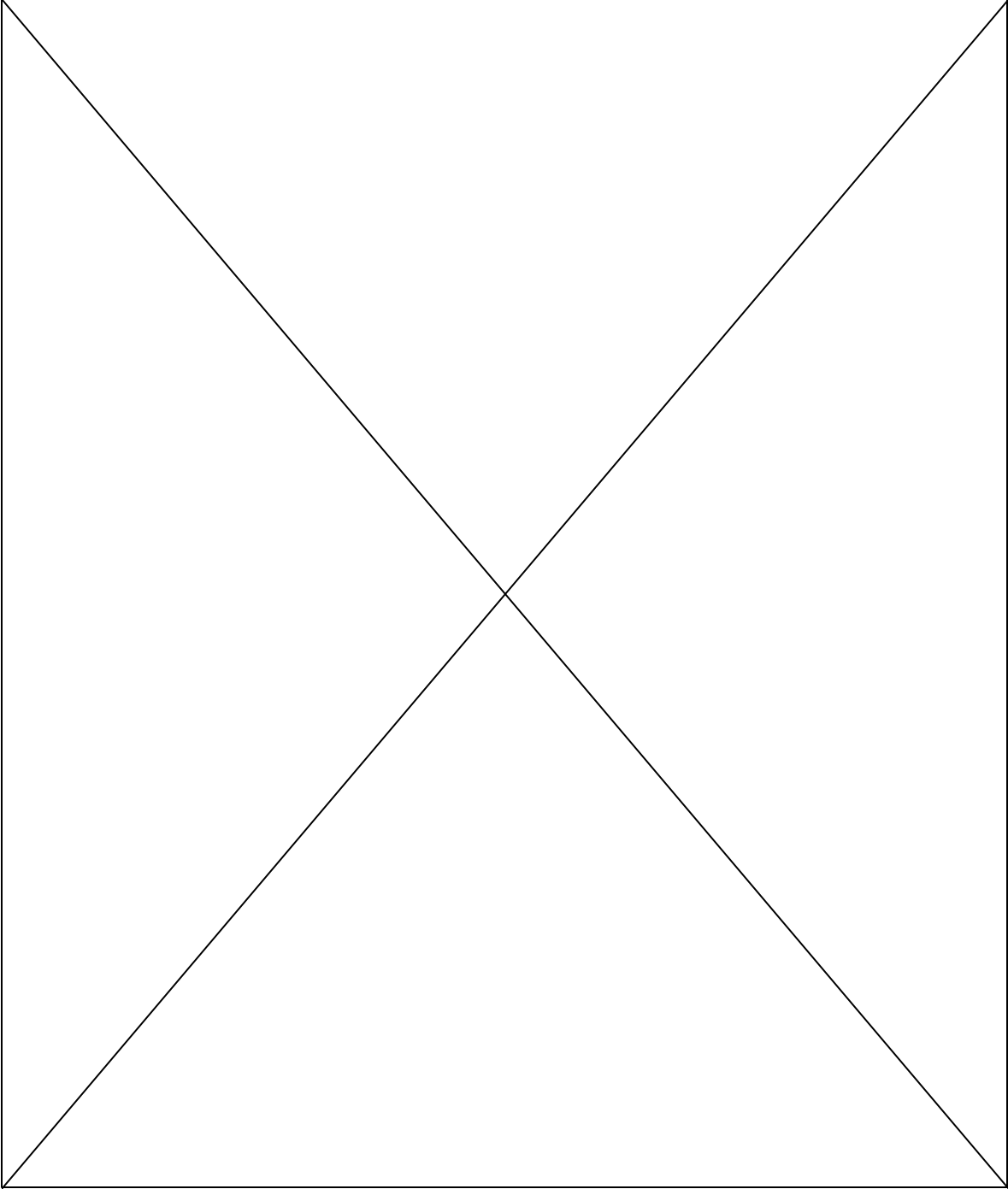· CMOS custom chip with long-life lithium battery

Fan
· 10 cu. ft./min. axial
· Positive pressure cooling

Product Details

Features   *Benefits*

Features	Benefits
· 512K of ROM, including: --Hierarchical File System --Drivers for Macintosh hard disks, ADB, SCSI, and an AppleTalk network --Macintosh Toolbox --QuickDraw[§]	· Organizes storage for documents and allows easy access to files, with the Hierarchical File System. · Supports high-performance peripherals, with the SCSI interface. · Provides the consistent graphics interface for applications, with QuickDraw.
· Macintosh user interface, including mouse, icons, windows, and pull-down menus	· Makes most applications intuitive and easy to learn. · Reduces training and support costs. · Provides a consistent user interface across applications.
· MultiFinder® operating system	· Allows multiple applications to be opened concurrently. · Lets you easily cut and paste parts of documents from one application to another. · Allows background tasks to be run while you interact with applications in the foreground.
· Software compatibility	· Lets you run virtually all Macintosh software.

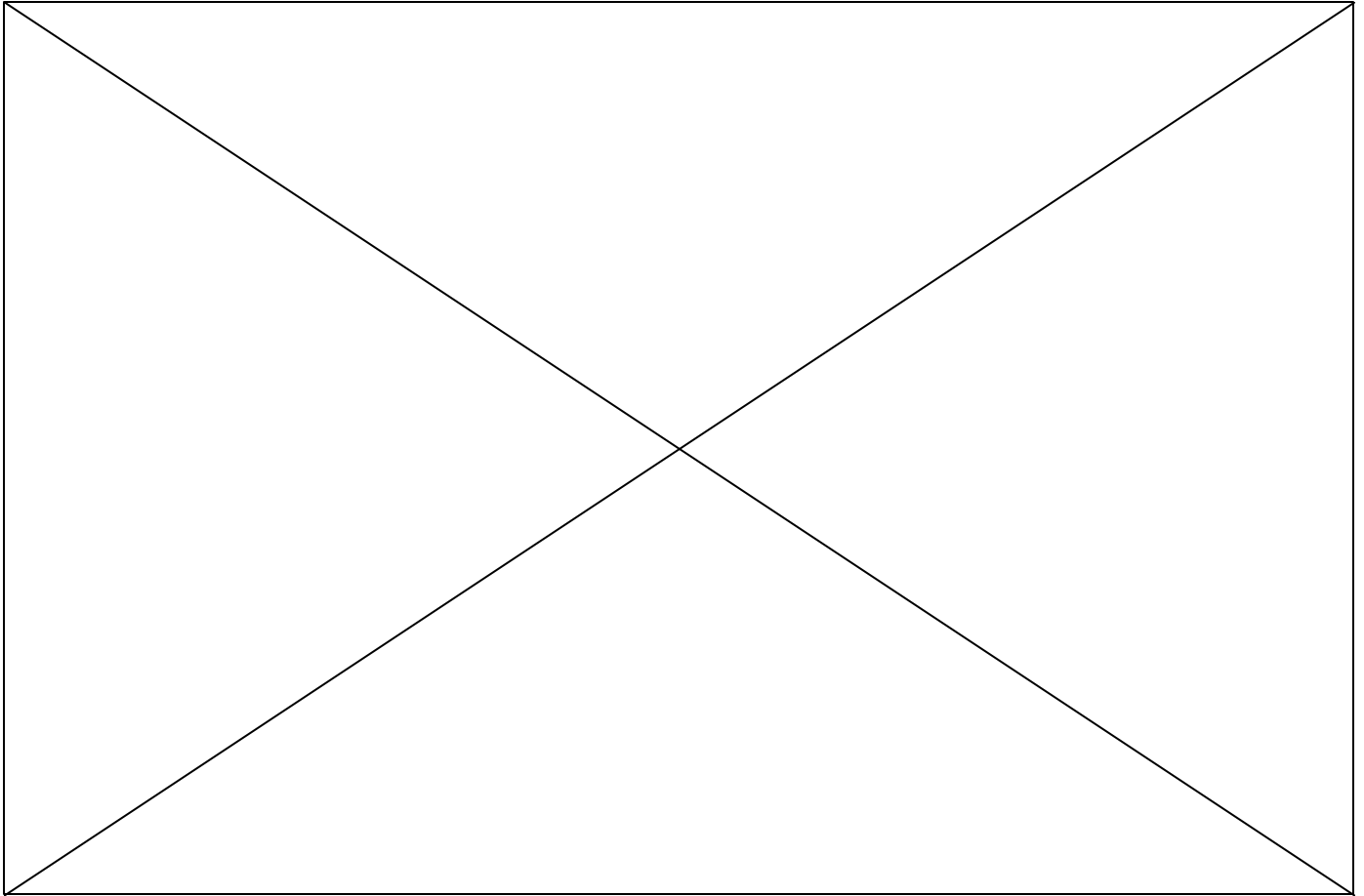| *Features*	*Benefits*
· 68000 microprocessor, running at 7.8336 megahertz	· Offers up to 25 percent faster performance and system responsiveness than Macintosh Plus system.
· Apple SuperDrive (1.4-megabyte floppy disk drive)	· Allows convenient transfer of data files between Macintosh, OS/2, MS-DOS, and Apple II systems. · Provides almost twice the storage capacity of 800K disk drives.
· Six built-in ports: --One SCSI port --One Apple Desktop Bus (ADB) port --One external 3.5-inch disk interface --Two serial ports --One sound port	· Make it easy to expand your system with additional peripheral devices · Permit communication with the keyboard, mouse, and other devices. · Accommodate a second 800K or 1.4-megabyte external 3.5-inch disk drive. · Provide access to LocalTalk® cable-based networks, which allow you to connect Macintosh Classic systems to other computers and to LaserWriter printers through the AppleTalk network system. · Supply high-quality, four-voice digital sound that is compatible with all applications that use Macintosh sound.
· Optional 40-megabyte internal hard disk drive	· Handles a broad range of computing needs by providing ample storage capacity for files and applications.
· 2 megabytes of RAM, expandable to 4 megabytes	· Provides a simple growth path as you need additional memory. · Lets you work with large amounts of data, such as large spreadsheets, scanned images, and sound files. · Supports Macintosh system software version 7.0 applications when available.

Macintosh Classic

Overview

The Apple® Macintosh® Classic® personal computer offers all of the most valued advantages associated with Macintosh computers--including unsurpassed ease of use, the ability to run thousands of applications that work well together, built-in networking, and an easy growth path--in the lowest-cost Macintosh. It's an excellent choice for first-time Macintosh buyers who want the essential features of a Macintosh in a complete, affordable system. And the integrated design of the Macintosh Classic makes it a good choice if you want a system that's easy to set up and move around.

An updated version of Apple's most popular Macintosh design, the Macintosh Classic offers high system performance (up to 25 percent faster than the Macintosh Plus) and comes standard with the Apple SuperDrive⁵, a 3.5-inch disk drive that can read from and write to Macintosh disks as well as MS-DOS, OS/2, and ProDOS® disks. The Macintosh Classic can be configured with an internal hard disk drive, which gives you plenty of room to store applications and files.

Like every Macintosh system, the Macintosh Classic offers numerous built-in capabilities not always found in other personal computers. Because AppleTalk® networking capabilities are built in, for example, the Macintosh Classic can function as an individual productivity system or as a cost-effective member of a network environment. Also, a SCSI (Small Computer System Interface) port lets you connect as

many as seven peripheral products--ranging from CD-ROM drives, high-capacity hard disk drives, and scanners to an Apple LaserWriter® printer--to the system. And built-in sound output capabilities make the Macintosh Classic ready for a new generation of applications that incorporate sound as well as text and graphics.

This combination of built-in capabilities and external ports gives you an easy, "plug-and-play" way to expand the Macintosh Classic. And because it can support the required memory and an internal hard disk, the Macintosh Classic has the capability to run the next generation of innovative Macintosh applications--those based on Macintosh system software version 7.0.