



Macintosh Color Classic



Brilliant color, plus the convenience and affordability of a Macintosh Classic computer, makes the Apple Macintosh Color Classic the ultimate personal Macintosh. The Color Classic adds a crisp, high-resolution, 256-color Trinitron display to the familiar Macintosh Classic all-in-one design. Now you can run Macintosh applications in dazzling color—on a computer that's easy to set up and move from room to room.

The Macintosh Color Classic adds a new level of expandability to the Macintosh Classic line. It provides easy access to the logic board for upgrades. An expansion slot lets you add standard Macintosh LC processor-direct cards such as the Apple IIe Card, Apple Ethernet LC networking card, or even an NTSC video-out card. You can expand memory up to 10 megabytes, or install a video memory upgrade to display over 32,000 colors.

The Macintosh Color Classic also offers innovations in ease of use. Screen and volume controls are located on the front of the computer, so they are easy to adjust. The power switch is located on the keyboard, and built-in software prevents you from accidentally turning the computer off. For energy conservation, the Color Classic includes a program to put the computer in a power-conserving standby mode when you aren't using it.

Like all Macintosh Classic computers, the Macintosh Color Classic is easy to set up. Because system software is installed at the factory, you simply plug in the computer and begin your work. You can run any of the thousands of available Macintosh applications. And the Color Classic, with its built-in QuickTime software and support for optional SCSI CD-ROM drives, is ideal for colorful multimedia applications and Photo CD technology.

Macintosh Color Classic Features

Color display

- > Built-in, high-performance color Trinitron display shows 256 colors, upgradeable to thousands of colors
- > Meets strict SWEDAC MPR-2 requirements for low emissions; built-in energy savings feature

Memory

- > 4 MB of RAM, expandable to 10 MB

Expansion

- > Processor-direct slot for expansion cards
- > Socket for optional math coprocessor or floating point unit (FPU)
- > Seven built-in ports for peripheral devices

Features Built Into Every Macintosh

Usability

- > Runs thousands of Macintosh applications
- > Easy to set up, learn, use, and extend

System software

- > System 7 with multitasking, file sharing, QuickTime, Balloon Help, TrueType, and more

Networking

- > Built-in AppleTalk networking
- > File sharing without a dedicated server

Compatibility

- > Reads Macintosh, MS-DOS, OS2, and ProDOS floppy disk formats



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Technical Specifications

Microprocessor

- > MC68030, running at 16-MHz clock speed; 16-bit data bus
- > Integral Paged Memory Management Unit (PMMU)
- > Internal socket for optional math coprocessor or FPU

Memory

- > Comes with 4 MB of RAM on the logic board and one dual Single Inline Memory Module (SIMM) expansion slot
- > Expands up to 10 MB of RAM
- > Includes RAM disk software

Disk drives

- > One built-in Apple SuperDrive 1.4-MB floppy disk drive
- > One internal 40-, 80-, or 160-MB Apple SCSI hard disk drive
- > Optional external Apple CD-ROM drive

Video display

- > Built-in 10-in diagonal, high-resolution (512 by 384 pixels, .26-stripe pitch, 76 dots per inch (DPI)) Trinitron color display

Video RAM (VRAM)

- > 256K allows 256 colors
- > 512K allows 32,768 colors

Interfaces

- > Internal expansion slot for one Macintosh LC processor direct expansion card
- > SCSI interface for connecting up to six external peripheral devices
- > Two serial (RS-232/RS-422) ports
- > One sound-output (monaural) port for external audio amplifier or headphones

- > One sound-input port for 8-bit monaural sound, sampled at 22 or 11 kHz
- > Two Apple Desktop Bus (ADB) ports for a keyboard, mouse, and other devices

Microphone

- > Built-in omnidirectional electret microphone

Sound generator

- > Monophonic 8-bit digital-analog conversion, with 22-kHz sample rate—capable of driving stereo headphones or other stereo equipment through the sound jack

Keyboard and mouse

- > Apple Desktop Bus Mouse II
- > ADB keyboard with numeric keypad and two-level tilt adjustment

Clock/calendar

- > Custom integrated circuit with long-life lithium battery

Fan

- > 9–12 cu. ft./min. axial; operational flow
- > Negative-pressure cooling

Disability access

- > CloseView, Easy Access, and visible-beep software are built-in. These and third-party options provide alternative input and output devices.

Power requirements

- > Line voltage: 90 to 240 V AC, RMS single phase automatically configured
- > Frequency: 47 to 63 Hz
- > Power: 100W maximum

ADB power requirements

- > Maximum current draw for all ADB devices: 500 mA (three ADB devices maximum recommended)
- > Mouse draws 10 mA
- > Keyboard draws 25 mA

Size and weight

Main unit:

- > Height: 14.5 in. (37.0 cm)
- > Width: 9.9 in. (25.2 cm)
- > Depth: 12.6 in. (32.15 cm)
- > Weight: 22.5–23.2 lb. (10.2–10.5 kg)

Mouse:

- > Height: 1.3 in. (3.3 cm)
- > Width: 2.4 in. (6.17 cm)
- > Depth: 4.2 in. (10.73 cm)
- > Weight: 4.0 oz. (0.10 kg)

Keyboard:

- > Height: 1.3 in. (3.25 cm)
- > Width: 16.0 in. (40.53 cm)
- > Depth: 5.9 in. (15.06 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: 20% to 95% noncondensing
- > Maximum altitude: 15,000 ft. (4722 m)

Ordering Information

Macintosh Color Classic 4/40

Order No. M1601LL/A

- > Macintosh Color Classic computer with 4 MB of RAM, 256K of VRAM, built-in 1.4-MB Apple SuperDrive, and internal 40-MB hard disk drive
- > Keyboard and mouse
- > Built-in microphone
- > System software with QuickTime
- > Complete setup, learning, and reference documentation
- > Training disk
- > Limited warranty statement

Macintosh Color Classic 4/80

Order No. M1602LL/A

- > Macintosh Color Classic computer with 4 MB of RAM, 256K of VRAM, built-in 1.4-MB Apple SuperDrive, and internal 80-MB hard disk drive
- > All other features that are included with the Macintosh Color Classic 4/40

Macintosh Color Classic 4/160

Order No. M1605LL/A

- > Macintosh Color Classic computer with 4 MB of RAM, 256K of VRAM, built-in 1.4-MB Apple SuperDrive, and internal 160-MB hard disk drive
- > All other features that are included with the Macintosh Color Classic 4/40