



Macintosh LC II



Affordable color and full Macintosh performance—the Apple Macintosh LC II personal computer offers both in a sleek, modular design so easy to set up and use, you can put it to work in minutes. And you'll enjoy higher performance and greater flexibility than you'll find in comparable systems.

With the Macintosh LC II, you can run more than 4,000 Macintosh applications, including many for business and education. And your Macintosh LC II can run them at more than twice the speed of the Macintosh Classic, thanks to its built-in 16-megahertz 68030 microprocessor.

In addition, the Macintosh LC II makes it possible for you to work with documents created in different computing environments. It comes standard with the Apple SuperDrive, which is capable of reading from and writing to MS-DOS, OS/2, and ProDOS disks.

You'll especially appreciate the many built-in capabilities of the Macintosh LC II. You need not buy a separate video card to support a monitor because the Macintosh LC II offers built-in support for a variety of Apple and third-party monitors. And the Macintosh LC II comes with built-in networking and file sharing capabilities, so there's no need to buy additional hardware if you want to share scanners and printers, send electronic mail, or share files with others.

Multiple ports allow you to expand the system with peripherals such as high-capacity CD-ROM drives, scanners, and modems. A processor-direct slot assures fast access to high-speed expansion cards if you need additional capabilities such as Ethernet networking. And you can use the Macintosh LC II to run virtually all applications developed for Apple IIe systems with the addition of the Apple IIe Card.

Macintosh LC II Features

Power and speed

- > 16 MHz 68030 microprocessor runs applications more than twice as fast as the Macintosh Classic

Memory

- > 4 megabytes RAM, expandable to 10
- > Virtual memory

Expansion

- > Seven built-in ports for peripherals such as printers, scanners, modem, and microphone
- > Processor-direct slot for additional expansion card

Features Built into Every Macintosh

Usability

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

System software

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

Networking

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

Compatibility

- > Reads Macintosh, MS-DOS, OS/2, and ProDOS disks



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Technical Specifications

Microprocessor

- > MC68030 16-megahertz clock speed

Memory

- > Both versions of the Macintosh LCII come with 4 megabytes of RAM on the logic board and 2 memory expansion slots for SIMMs (Single In-line Memory Modules)
- > Expand to up to 10 megabytes of RAM*

*Dealer installation required.

Disk drives

- > Built-in Apple SuperDrive 1.4-megabyte floppy disk drive
- > Internal 40- or 80-megabyte Apple SCSI hard disk drive
- > Optional external Apple SCSI hard disk drive (many capacities available)

Video display

- > Supports several color and monochrome monitors, including:
 - Macintosh 12" RGB Display
 - Macintosh 12" Monochrome Display
 - AppleColor High-Resolution RGB Monitor
- > Supports several VGA monitors
- > Supports other Apple and non-Apple monitors when equipped with a video expansion card

Video RAM (VRAM)

- > 256K supports:
 - 256 colors on the Macintosh 12" RGB Display
 - 16 colors on the AppleColor High-Resolution RGB Monitor
 - 16 shades of gray on the Macintosh 12" Monochrome Display

- > 512K supports:
 - 32,000 colors on the Macintosh 12" RGB Display
 - 256 colors on the AppleColor High-Resolution RGB Monitor
 - 256 shades of gray on the Macintosh 12" Monochrome Display

Interfaces

- > One Apple Desktop Bus (ADB) port, supporting a keyboard, mouse, and other devices
- > Two serial (RS-232/RS-422) ports
- > Video port for color and monochrome monitors of various sizes and resolutions
- > SCSI interface for connecting up to 6 external peripheral devices
- > Sound port for external audio amplifier or headphones
- > Sound-in port for monaural sound input (microphone included)
- > Internal expansion slot, supporting one LC processor-direct slot expansion card

Sound input

- > Monaural 8-bit sound sampled at 22 or 11 kilohertz

Microphone

- > "Hands-free" omnidirectional electret microphone included

Sound generator

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

Keyboard and mouse

- > ADB keyboard with numeric keypad
- Two-level tilt adjustment
- > ADB Mouse

Disability access

- > CloseView, Easy Access, and visible beep included with system software. These built-in solutions and third-party options provide alternative input and output devices for people with disabilities.

Electrical requirements

- > Line voltage: 90 to 240 volts AC, RMS
- > Frequency: 47 to 63 hertz, single phase
- > Power: 50 watts maximum, not including monitor power

ADB power requirements

- > Maximum current draw for all ADB devices: 200 milliamps (a maximum of three ADB devices is recommended)
- > Mouse draws 80 milliamps
- > Keyboard draws 25 milliamps

Size and weight

- > Height: 3.0 in. (7.7 cm)
- > Width: 12.2 in. (31.0 cm)
- > Depth: 15.0 in. (38.2 cm)
- > Weight: 8.8 lb. (4.0 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 80% noncondensing
- > Maximum altitude: 10,000 ft. (3,048 m)

Ordering Information

Macintosh LCII 4/40

Order No. M1701LL/A

- > Macintosh LCII personal computer with 4 megabytes of RAM, 256K of VRAM, built-in 1.4-megabyte Apple SuperDrive, and internal 40-megabyte hard disk drive
- > Keyboard
- > Mouse
- > Microphone
- > Complete setup, learning, and reference documentation
- > System software and HyperCard software
- > Training disk
- > Limited warranty statement

Macintosh LCII 4/80

Order No. M1707LL/A

- > Macintosh LCII personal computer with 4 megabytes of RAM, 512K of VRAM, built-in 1.4-megabyte Apple SuperDrive, and internal 80-megabyte hard disk drive
- > Mouse
- > Microphone
- > Complete setup, learning, and reference documentation
- > System software and HyperCard software
- > Training disk
- > Limited warranty statement

Macintosh LCII Upgrade Kit*

Order No. M1710LL/A

- > Macintosh LCII logic board
- > System software
- > Complete learning and reference documentation
- > Limited warranty statement

*Dealer installation required.