



Macintosh LC520

Macintosh LC520 Features

Convenience

- All-in-one design for easy setup and use
- Front-panel contrast and volume controls; headphone jack
- Power on and off from the keyboard
- Energy-saving feature reduces power consumption by over 50 percent

Power and speed

- 25-MHz 68030 microprocessor with 32-bit data bus runs more than 6,000 Macintosh applications twice as fast as the Macintosh LC II

Memory

- 5 MB of RAM, expandable to 36 MB via one double-sided, 72-pin SIMM
- 768 KVRAM for 16-bit color standard
- 80- and 160-MB hard disks available

Expansion

- Built-in ports for peripheral devices such as hard drives, printers, scanners, and modems
- LC processor-direct slot for additional expansion card
- Socket for optional math coprocessor

Features Built into Every Macintosh

Usability

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

System software

- System software version 7.1, with multitasking, file sharing, Balloon Help, TrueType fonts, and more

Networking

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

Compatibility

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

The Apple Macintosh LC520 computer combines the simplicity and convenience of an all-in-one design with the versatility of an integrated CD-ROM drive and high-quality stereo sound. With a powerful 68030 microprocessor, a brilliant 14-inch Trinitron color display, and sophisticated built-in media features, the Macintosh LC 520 lets you make the most of multimedia applications as well as personal programs—all at an affordable price.

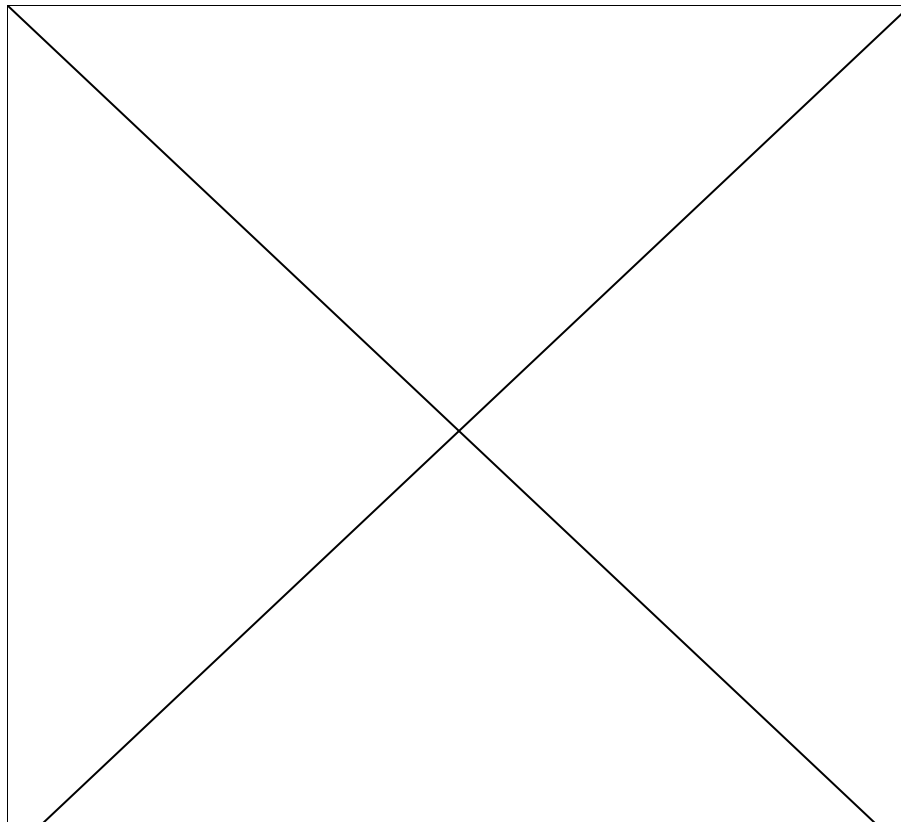
The Macintosh LC520 comes with everything you need built into a single unit. In addition to the standard 1.44-megabyte SuperDrive floppy disk, the Macintosh LC 520 is equipped with a double-speed CD-ROM drive. High-quality stereo sound is provided by front-mounted speakers and a microphone is integrated into the unit to allow you to add sound to many Macintosh applications. And the built-in 14-inch Trinitron color display delivers unmatched 16-bit image resolution and clarity in thousands of colors.

With a 68030 microprocessor running at 25 megahertz, the Macintosh LC520 is

twice as fast as the Macintosh LC II. It can support up to 36 megabytes of RAM, so you can work with multiple applications simultaneously, choosing from more than 6,000 Macintosh applications.

Your internal hard drive options include 80- and 160-MB hard disks, so you'll have plenty of storage space. For graphics-intensive applications, you can add an optional math coprocessor. AppleTalk networking is built in, so there's no need to buy additional hardware if you want to access printers, send electronic mail, or share files with others.

Multiple ports allow you to expand the Macintosh LC520 with peripheral devices such as scanners and modems. An LC processor-direct slot assures fast access to high-speed expansion cards if you need additional capabilities such as video output or Ethernet networking. And with the addition of the Apple IIe Card, you can run virtually all applications developed for Apple IIe systems.





Ordering information

Macintosh LC520580/CD*

Order No. M11778LL/A (U.S., Education)

- Macintosh LC520 personal computer with 5 MB of RAM, 768 K of VRAM, built-in 1.4-MB Apple SuperDrive, internal CD-ROM drive, and internal 80-megabyte hard disk drive
- Mouse
- System software
- Limited warranty statement

* Keyboard, system software backup disks, and manuals sold separately

Macintosh LC520880/CD

Order No. M1626V/A (Canada)

- Macintosh LC520 personal computer with 8 MB of RAM, 768 K of VRAM, built-in 1.4-MB Apple SuperDrive, internal CD-ROM drive, and internal 80-megabyte hard disk drive
- Keyboard
- Mouse
- Complete setup, learning, and reference documentation
- System software
- Training disk
- Limited warranty statement

Macintosh LC5208160/CD

Order No. M1627V/A (Canada)

- Macintosh LC520 personal computer with 8 MB of RAM, 768 K of VRAM, built-in 1.4-MB Apple SuperDrive, internal CD-ROM drive, and internal 160-megabyte hard disk drive
- Keyboard
- Mouse
- Complete setup, learning, and reference documentation
- System software
- Training disk
- Limited warranty statement

Technical Specifications

Microprocessor

- MC68030, running at 25 MHz; socket for optional math coprocessor; 32-bit data bus

Memory

- Comes with at least 5 MB of RAM
- Expandable to 36 MB of RAM by adding one SIMM to a single 72-pin slot (Dealer installation recommended)

Disk storage

- One built-in 1.4-MB Apple SuperDrive floppy disk drive that uses high-density floppy disks and reads, writes, and formats Macintosh, MS-DOS, OS/2, and ProDOS disks
- One internal 80- or 160-MB hard disk
- Internal Apple CD300i; double-speed CD-ROM drive

Display

- Integrated Macintosh Color Display (14 in.) with Sony Trinitron tube
- Resolution: 640 by 480 pixels, 69 dpi

Video RAM (VRAM)

- 768 K which supports 32, 768 colors

Interfaces

- Two Apple Desktop Bus (ADB) ports, supporting a keyboard, mouse, and other devices
- Two (RS-232/RS-422) serial ports
- SCSI interface port for connecting five external peripheral devices
- Sound output (stereo) for external audio amplifier or headphones
- One sound-in port
- Front headphone jack
- Internal expansion slot, supporting one LC processor-direct slot expansion card

Sound generator

- Stereophonic 8-bit digital-analog conversion using 22-kilohertz sample rate—capable of driving stereo headphones or other stereo equipment through the sound jack and headphone jack
- Four sources for sound: internal microphone, internal CD-ROM, external microphone, external audio sound

Keyboard and mouse

- Ships with standard Apple keyboard
- Compatible with all Apple keyboards
- ADB Mouse II

Disability access

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

ADB power requirements

- Maximum current draw for all ADB devices is 500 milliamps (a maximum of three ADB devices is recommended)
- Mouse draws 10 milliamps
- Keyboard draws 25 milliamps

Power requirements

- Line voltage: 90 to 264 volts AC, RMS single phase, automatically configured
- Frequency: 47 to 63 Hz
- Power: 40 watts maximum, not including monitor power
- Energy-saving feature reduces power consumption by 50 percent

Environmental requirements

- 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 85% noncondensing
- Maximum altitude: 15,000 ft (4722 m)

Size and weight

- Height: 17.9 in. (45.5 cm)
- Width: 13.5 in. (34.4 cm)
- Depth: 16.5 in. (42.0 cm)
- Weight: 40.5 lb. (18.4 kg)