



Power Macintosh 5500 Series *for Education*

Features

High performance

- RISC-based PowerPC 603e processor with built-in floating-point unit (FPU) and 32K internal cache
- 256K level 2 cache
- 32MB of RAM, supports up to 128MB

Advanced multimedia

- Features a 24x-speed (maximum) CD-ROM drive
- Multiple-scan color display
- Provides built-in 2-D and 3-D graphics acceleration
- Includes TV video-output capabilities, as well as a built-in video-input card (5500/250)
- Offers 16-bit stereo sound input and output
- Accommodates options such as the Apple TV/FM Radio System and the Avid Cinema Card and software, for easy video editing

Versatile communications

- Provides a 10BASE-T Ethernet port
- Supports Apple's Open Transport networking software (TCP/IP and AppleTalk)
- Includes software for quick, easy web browsing and e-mail send/receive
- Offers two high-speed serial ports

Expandability and flexibility

- Comes with an industry-standard PCI expansion slot
- Includes a SCSI connector for hard disks, CD-ROM drives, and other SCSI devices
- True plug and play

Mac OS 8 system software

- New multitasking Finder dramatically improves efficiency
- Scalable user interface supports novice through power users
- New, spring-loaded folders and pop-up windows speed daily tasks
- Built-in Internet/intranet services, including Personal Web Sharing
- Setup Assistants walk you through system and Internet setup
- State-of-the-art QuickTime multimedia software
- Easy PC file and media exchange
- Excellent backward compatibility

The Apple Power Macintosh 5500 series systems combine Macintosh performance and ease of use with a convenient all-in-one design that provides a full spectrum of standard and optional multimedia features. They're ideal for anyone who wants an easy-to-use and affordable high-performance system that offers advanced multimedia—as well as flexible expansion options.

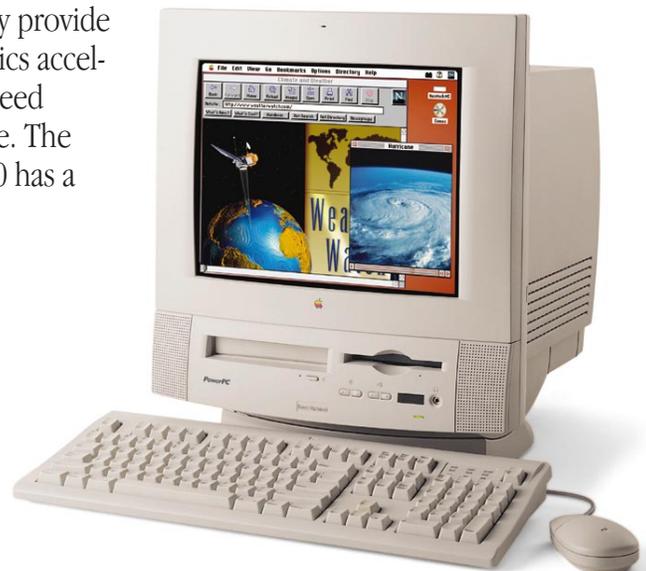
All-in-one computers have always been convenient—and often economical—but today they're reaching new heights of performance. The advanced Power Macintosh 5500 models feature the fast PowerPC 603e processor, running at 225 or 250 megahertz. This processing speed is complemented by built-in Ethernet networking. And to ensure that the Power Macintosh 5500 series systems can continue to meet your needs in the future, they offer an industry-standard PCI expansion slot.

Educational multimedia has long been an Apple stronghold, and the Power Macintosh 5500 series systems build on Apple's legacy in this area through innovative multimedia features. For example, they provide built-in 2-D and 3-D graphics acceleration, as well as a 24x-speed (maximum) CD-ROM drive. The Power Macintosh 5500/250 has a

built-in video-input card and also adds a new kind of video-out capability—TV video out, which allows for easy and instant connection to any standard NTSC television. In addition, the Power Macintosh 5500 series systems are designed to accommodate the Avid Cinema Card and accompanying software, which brings video-editing capabilities to the desktop.

Besides multimedia, the other hot topic in education is the Internet. The Power Macintosh 5500 series systems make it easy to join the ranks of the Internet revolution, because they come with all the software you need for Internet access (modem and Internet account required). So you and your students can use these computers to do everything from “surfing the Net” for news on current events to using Internet-based electronic mail and bulletin boards for collaborative projects with geographically distant peers.

The Power Macintosh 5500 series: for advanced multimedia and communications capabilities in a convenient, affordable all-in-one system.





Power Macintosh 5500 Series for Education

Ordering Information

Power Macintosh 5500/225

Order No. M6148LL/B

- Power Macintosh 5500/225 computer with built-in 15-in. (12.8-in. diagonal viewable image size) multiple-scan color display, 32MB of RAM, an internal 1.4MB Apple SuperDrive floppy disk drive, an internal 2GB hard disk drive, an internal 24x-speed (maximum) CD-ROM drive, and 10BASE-T Ethernet. Includes keyboard and mouse; Mac OS 8; Internet access software; learning and reference documentation; and limited warranty.

Power Macintosh 5500/250

Order No. M6149LL/A

Same as Order No. M6148LL/B, except with 250-MHz PowerPC 603e processor, video input, and NTSC video output

Optional enhancements

Apple Video System (Video Input)

Order No. M2894LL/D

Apple TV/FM Radio System

Order No. M4586LL/A

Avid Cinema Video Editing System

Order No. M4561LL/B

Apple 10BASE-2 (Thin Coax)

Ethernet Card

Order No. M4773ZM/A

Apple AAUI (Generic) Ethernet Card

Order No. M4774ZM/A

Product specifications are subject to change. Check with your Apple reseller for the most current information about product specifications and configurations.

Technical Specifications

Microprocessor

- PowerPC 603e processor running at 225 or 250 MHz (with 32K internal cache)
- 32 integer registers and 32 floating-point registers
- 256K level 2 cache
- 50-MHz system bus

Memory

- Comes with 32MB of RAM
- Supports up to 128MB via 2 DIMM slots
- Uses 168-pin, noncomposite, 60-nanosecond or faster EDO DIMMs (1K or 2K refresh, 5 volt)

Disk drives

- Internal 2GB IDE hard disk drive
- Internal 1.4MB Apple SuperDrive floppy disk drive that reads, writes, and formats Mac OS, Windows, MS-DOS, OS/2, and ProDOS disks
- Internal 24x-speed (maximum) CD-ROM drive

Interfaces

- PCI expansion slot (requires 6.88-inch PCI card that comes with a Macintosh driver and is PCI 2.0 compliant; NuBus cards cannot be used)
- PCI-based communications slot (used by built-in Ethernet)
- SCSI port for connecting as many as six external SCSI devices
- Apple Desktop Bus port for mouse, keyboard, and other devices
- Two serial ports (RS-232/RS-422)
- Video-input slot for Apple Video System card (included in 5500/250)
- Expansion bay for optional Apple TV/FM Radio System
- Infrared receiver for remote control (provided with Apple TV/FM Radio System)

Video capabilities

- NTSC video-output capabilities
- Video-input card that supports video recording from a camcorder, VCR, or laser disc

Display

Built-in display

- 15-in. (12.8-in. diagonal viewable image size) multiple-scan color display
- 0.28-mm dot pitch
- Noninterlaced, flat, square cathode-ray tube (CRT)
- User-adjustable resolutions from 640 by 480 pixels to 832 by 624 pixels
- Resolution can be changed without restarting the computer
- Refresh rate up to 75 Hz
- Built-in base tilts from -5° to +15°, swivels a full 360°
- Meets SWEDAC MPR 2 international guidelines for magnetic-field emissions

Display support

- 2MB of SGRAM video memory
- 2-D and 3-D accelerated graphics
- 24-bit color for display of up to 16 million colors at resolutions up to 832 by 624 pixels
- 16-bit color for display of up to 32,768 colors at resolutions up to 1,024 by 768 pixels

Audio

- 16-bit, CD-quality stereo input/output ports
- SRS 3-D surround sound enhancement
- Front headphone jack and volume control

Communications

- 10BASE-T Ethernet port

Clock/calendar

- Custom integrated circuit with long-life battery

Keyboard and mouse

- Includes AppleDesign Keyboard and ADB Mouse II

Electrical requirements and compliance

- Line voltage: 90/264 V AC, RMS, single phase
- Frequency: 47 to 63 Hz, single phase
- Power: 150 W maximum, not including display
- U.S. EPA Energy Star compliant

Size and weight

- Height: 17.5 in. (44.5 cm)
- Width: 15.1 in. (38.3 cm)
- Depth: 16.0 in. (40.6 cm)
- Weight: 47 lb. (21 kg)

Operating environment

- Operating temperature: 50° to 104° F (10° to 40° C)
- Storage temperature: -40° to 116° F (-40° to 47° C)
- Relative humidity: 20% to 95% noncondensing
- Maximum altitude: 10,000 ft. (3,048 m)

Power Macintosh Order No.	5500/225 M6148LL/B	5500/250 M6149LL/A
Processor Speed	225 MHz	250 MHz
Level 2 Cache	256K	256K
System RAM	32MB	32MB
Hard Disk Drive	2.0GB	2.0GB
24x-Speed (maximum) CD-ROM Drive	✓	✓
Networking	Ethernet	Ethernet
Options Included		Video input; NTSC video output

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