Power Macintosh 6500 Series
Education Edition

High performance
- RISC-based PowerPC 603e processor running at 250 or 275 MHz with built-in floating point unit (FPU) and 32K internal cache
- Built-in 256K or 512K level 2 cache
- At least 32MB of RAM

Dazzling multimedia
- Hardware acceleration of 2-D and 3-D graphics, video capture, and QuickTime and MPEG-1 movie playback
- 24-bit color support for display at resolutions up to 832 by 624 pixels
- Built-in tray-loading 12x-speed (maximum) CD-ROM drive
- 16-bit CD-quality stereo sound with SRS surround sound and integrated dual-mode subwoofer

Easy Internet access
- 10BASE-T Ethernet connection
- Includes software for quick, easy web browsing, e-mail send/receive, file transfer, audio and videoconferencing

Expandability and flexibility
- Rugged mini-tower design with two industry-standard PCI expansion slots
- Built-in 100MB Zip drive
- Support for multimedia such as the Avid Cinema video-editing system and the Apple TV/FM Radio System
- True plug-and-play installation of expansion cards, storage devices, scanners, printers, digital cameras, and other accessories

Mac OS 7.6.1 system software
- Apple Guide software for step-by-step help with basic system operation
- QuickTime multimedia software
- Macintosh PC Exchange software
- Free upgrade to Mac OS 8.0 for systems purchased after June 22, 1997 (U.S. $9.95 charge for shipping and handling)

The Apple Power Macintosh 6500 series Education Editions are the most powerful, expandable, and feature-rich Macintosh computers designed specifically for education and creative applications. The blazing speed of the PowerPC processor—combined with hardware acceleration of graphics and video—enables users to accomplish tasks previously possible only on expensive professional workstations.

Whether you are videoconferencing over the Internet, playing the hottest game titles, creating a video with a soundtrack you composed, or browsing the World Wide Web, a Power Macintosh 6500 will make your experience easy and enjoyable.

Breakthrough performance starts with processor speeds of up to 275 megahertz. Each model then adds *at least* 256K of level 2 cache, 32 megabytes of RAM, a 4GB hard disk drive, and a 12x-speed (maximum) CD-ROM drive. Both Education Editions feature a built-in Zip drive for quick

and easy file transfer or backup. A built-in 10BASE-T Ethernet connection makes exchanging e-mail, faxes, or voice mail—as well as "surfing" the Internet—a snap.

Optimized for multimedia, the Power Macintosh 6500 series features an advanced video/graphics subsystem that speeds manipulation of complex 2-D documents; enhances 3-D capabilities for game-playing or modeling; and delivers full-screen, full-motion movie playback through QuickTime and MPEG acceleration. Add in CD-quality audio from the integrated subwoofer and 24-bit color support on displays up to 21 inches (diagonal measurement), and you've got a computer that can do virtually anything you can envision. And as your vision expands, it's easy to expand the Power Macintosh 6500 to keep pace, with a variety of easily installable options from Apple and others.

The Power Macintosh 6500 series: They're the Macintosh systems you've been waiting for.

Power Macintosh 6500 Series
Education Edition

Ordering Information

Both systems come with a PowerPC 603e processor, 12x-speed (maximum) CD-ROM drive, 4GB hard disk, Iomega Zip drive, 1.4MB floppy disk drive, and level 2 cache, a mouse, keyboard, cables, and appropriate software for each edition are also included.

Power Macintosh 6500/250
Education Edition
Order No. M6127LL/A

Power Macintosh 6500/275
Education Edition
Order No. M6128LL/A
Includes video-input and NTSC video-output capabilities, and 512K level 2 cache

Optional enhancements

Apple Video System
Order No. 2894LL/D
For video input (NTSC, PAL, and SECAM)

Avid Cinema Video Editing System
Order No. M4561LL/B
For video editing and output (NTSC and PAL); requires Apple Video System

Apple TV/FM Radio System
Order No. M4586LL/A
For playing TV and FM radio stations on the computer; requires Apple Video System

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 250 or 275 MHz (with 32K internal cache)
- 32 integer registers and 32 floating-point registers
- 256K or 512K level 2 cache
- 50-MHz system bus

Memory
- Comes with 32MB of RAM
- Will support 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 4GB 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 12x-speed (maximum) CD-ROM drive
- Internal 100MB Zip drive

Interfaces
- Two PCI expansion slots (require 6.88-inch PCI cards that come with a Macintosh driver and are PCI 2.0-compliant; NuBus cards cannot be used)
- PCI-based communications slot (used by built-in Ethernet)
- SCSI interface port for connecting as many as five external SCSI devices
- Apple Desktop Bus port for mouse, keyboard, and other devices
- Two serial ports (RS-232/RS-422)
- Video-input slot for optional Apple Video System card (included on 6500/275)
- Expansion bay for optional Apple TV/FM Radio System
- Infrared receiver for remote control (provided with Apple TV/FM Radio System)

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

Display support
- 2MB of SGRAM video memory
- 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 1,152 by 870 pixels
- Refresh rates up to 85 Hz

Graphics and multimedia
- ATI 3D Rage II 64-bit multimedia and graphics accelerator chip for faster, smoother video capture; acceleration of QuickDraw (2-D) and QuickDraw 3-D graphics and QuickTime and MPEG-1 movie playback

Communications
- 10BASE-T Ethernet Port

Clock/calendar
- Custom integrated circuit with long-life battery

Electrical requirements
- Line voltage: 100 to 125 or 200 to 240 V AC
- Frequency: 47 to 63 Hz
- Power: 220 W maximum (continuous)
- Energy-saving sleep mode

Size and weight
- Height: 16 in. (40.6 cm)
- Width: 7.8 in. (19.8 cm)
- Depth: 16.9 in. (42.8 cm)
- Weight: 44.5 lb. (20.2 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: 5% to 95%, noncondensing
- Maximum altitude: 10,000 ft. (3,048 m)

Power Macintosh Order No.	6500/250 M6127LL/A	6500/275 M6128LL/A
Processor Speed	250 MHz	275 MHz
Level 2 Cache	256K	512K
System RAM	32MB	32MB
Hard Disk Drive	4.0GB	4.0GB
12x Speed (maximum) CD-ROM Drive	✔	✔
100MB Zip Drive	✔	✔
Networking	Ethernet	Ethernet
Options Included		Video input NTSC Video output