



# Power Macintosh 6500/275

## Video Editing System

### Features

#### Outstanding performance

- RISC-based PowerPC 603e processor running at 275 MHz
- Built-in 512K level 2 cache
- 32MB RAM

#### Dazzling multimedia

- Avid Cinema video-editing system
- Hardware acceleration of 2-D and 3-D graphics, video capture, and QuickTime and MPEG-1 movie playback
- 24-bit colour support on 14-, 15- and 17-inch monitors (diagonal measurement)
- Built-in 12x-speed, tray-loading CD-ROM drive
- 16-bit CD-quality stereo sound with SRS surround sound and integrated dual-mode subwoofer

#### Easy Internet access

- Optional internal fax/data/voice modem that supports data speeds up to 33.6 Kbits/s
- Preinstalled software for quick, easy web browsing, e-mail send/receive, file transfer, audio and videoconferencing and even personal web-site creation

#### Expandability and flexibility

- Rugged mini-tower design with two industry-standard PCI expansion slots
- True plug-and-play installation of expansion cards, storage devices, scanners, printers, digital cameras and other accessories

#### Easy to use video editing

- Ready-to-use storyboard templates with suggested camera shots and editing tips
- Requires no video editing experience
- Import video, add text, record audio and add transitions with a click of the mouse
- Accepts input from a variety of sources, including a VCR, a camcorder, the Internet, audio and photo CDs and a microphone
- Lets you save movies to videotape or as QuickTime files optimised for presentations, World Wide Web sites or Internet exchange
- Provides Motion JPEG compression and decompression, so you can view and edit movies frame by frame just as professionals do
- Adds impact to your movies with more than two dozen special effects
- Supports multiple audio tracks, so you can integrate music from audio CDs and add your own voice-overs
- Lets you type in titles or scrolling credits

The Apple Power Macintosh 6500/275 is the most powerful, expandable and feature-rich Macintosh computer designed specifically for home, small business, 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 video-conferencing over the Internet, playing the hottest game titles, creating a video with a soundtrack you composed, or browsing the World Wide Web, the Power Macintosh 6500/275 Video Editing System will make your experience easy, snappy and fun.

Breakthrough performance starts with a processor running at 275 megahertz. Add to that 512K of level 2 cache, 32 megabytes of RAM, a 4-gigabyte hard disk drive and a 12x-speed CD-ROM drive.

But Apple engineers didn't stop there: They tuned the entire system to handle the rich media of today's Internet and CD-ROMs, without sacrificing stability and ease of use.

The advanced video/graphics subsystem speeds manipulation of complex 2-D documents through QuickDraw acceleration; enables immersive 3-D games and interactive 3-D modeling with QuickDraw 3D acceleration; and delivers full-screen, full-motion movie playback through QuickTime and MPEG acceleration.

Throw in awesome CD-quality audio from the integrated sub-

woofer and 24-bit colour support on displays up to 17 inches, and you're ready to do virtually anything you want to do with a computer.

The built-in Avid Cinema card and software lets you edit your videos, add transitions, titles and special effects and print near-VHS quality full screen video.

The 6500/275 Video Editing System is also suitable for creating music, art, 3-D models and animations, photos and web sites.

And when it comes time to expand your system, you can do so with a variety of Apple or third-party options easily installed into the mini-tower enclosure.

The Power Macintosh 6500/275 Video Editing System: With the software and the hardware to carry you well into the 21st century, it's the Macintosh system you've been waiting for.





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## Video Editing System

### Options

All systems come with a PowerPC 603e processor, 12x-speed CD-ROM drive, 1.4MB floppy disk drive, and 33.6-Kbit/s modem.\* A mouse, keyboard, cables, and appropriate software for each edition are also included.

### Power Macintosh 6500/275 Video Editing System

Order No. M5822FE/A

### Technical Specifications

#### Microprocessor

- PowerPC 603e processor running at 275MHz (with 32K internal cache)
- 32 integer registers and 32 floating-point registers
- 512K level 2 cache

#### Memory

- Comes with 32MB of EDO RAM
- Can be expanded 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
- Reads, writes, and formats Macintosh, Windows, MS-DOS, OS/2 and ProDOS disks
- Internal 12x-speed CD-ROM drive

#### Modem (optional)

- Built-in 33.6-Kbit/s data/voice/fax modem\*
- Voice-mail, caller ID and speakerphone capabilities
- Built-in error correction and compression (MNP4, V.42, MNP5, V.42bis)

#### Interfaces

- Two PCI expansion slots (require 7-inch PCI cards that come with a Macintosh driver and are PCI 2.0-compliant; NuBus cards cannot be used)
- One PCI slot is used by the installed video editing card
- PCI-based communications slot
- SCSI interface port for connecting as many as six external SCSI devices
- Precabled SCSI expansion bay for additional 5.25-inch internal SCSI device
- Apple Desktop Bus port for mouse, keyboard and other devices
- Two serial ports (RS-232/RS-422);
- Video-input slot with Apple Video System card (supports PAL, NTSC and SECAM video formats)
- Expansion bay for optional Apple TV System

#### Electrical requirements

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

#### Size and weight

- Height: 40.6 cm (16 in.)
- Width: 19.8 cm (7.8 in.)
- Depth: 42.8 cm (16.9 in.)
- Weight: 20.2 kg (44.5 lb.)

#### Operating environment

- Operating temperature: 10° to 40° C (50° to 104° F)
- Storage temperature: -40° to 47° C (-40° to 116° F)
- Relative humidity: 5% to 95%, noncondensing
- Maximum altitude: 3,048 m (10,000 ft.)

#### 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 colour for display of up to 16 million colours at resolutions up to 800 by 600 pixels on monitors up to 17 inches (diagonal measurement)
- 16-bit colour for display of up to 32,768 colors at resolutions up to 1,152 by 870 pixels on monitors up to 21 inches (diagonal measurement)
- 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 3D graphics and QuickTime and MPEG-1 movie playback

Product specifications are subject to change. Please check with your authorised Apple reseller for current specifications, configurations, accessories and prices.

Call 1-800 025 355 for the name of your nearest authorised Apple reseller.

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