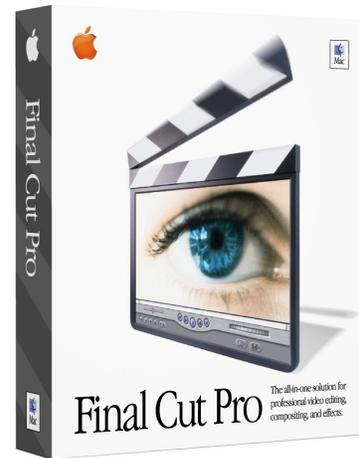




Final Cut Pro

The all-in-one solution for professional digital video editing, compositing, and special effects.



Key Features

Comprehensive professional tools

- Provides professional editing, compositing, and effects programs in one product
- Work quickly with a complete set of interactive editing tools
- Build composites using a direct, proxy-free interface
- Create and animate unlimited layers of elements
- Use Bézier curves or graphs to apply and control effects and animations with keyframes
- Manage your media assets with 34 columns of data and unlimited bins and sub-bins

Plug-and-play digital video

- Works instantly with most FireWire-equipped Power Macintosh G3 computers
- Gets video directly from most DV devices
- Works with certified QuickTime-compatible video capture and output cards for all professional formats and connections*
- Simultaneously outputs to a computer monitor and a TV monitor, VCR, or camera

Enhanced workflow and productivity

- Do all your work through four multifunction windows
- Edit using a source/record, timeline, or keyboard interface
- Print to tape without a "make movie" command
- Use the four work-mode qualities with separate caches for high-speed previewing and rendering
- Protect your work with autosave and 99 levels of "undo"
- Log and capture video directly into bins
- Organize and find media with sorts, sifts, and Boolean searches

Outstanding support for QuickTime

- View large windows with stutter-free playback
- Get fast playback even of long productions
- Enjoy guaranteed audio/video synchronization
- Use superlarge files (more than 2 gigabytes)
- Add eye-catching QuickTime transitions and effects
- Export video to all QuickTime formats, including Motion JPEG (M-JPEG) and streaming video

Now you can create high-quality video without hassle or high costs. Final Cut Pro is the only affordable software that combines professional editing, compositing, and special effects capabilities in one flexible and highly productive program. By giving you the best features of other products—and more—in a single application, Final Cut Pro lets you work faster at a lower cost. In fact, a Power Macintosh G3 computer with Final Cut Pro costs less than a tenth of the price of some competing systems. No wonder it's the ideal choice for professionals in video, marketing communications, graphic design, multimedia, and web creation.

Plug-and-play digital video is finally a reality with Final Cut Pro. Just connect your computer to one of the hot new cameras that have DV and FireWire (IEEE 1394) connections, and you've got a complete personal video workstation. Final Cut Pro transfers the digital video and audio to your hard disk, where you can edit and manipulate them, then play the results almost instantaneously on a computer, TV, or VCR. If you don't have a DV camera, you can capture traditional analog media using any of the QuickTime-compatible video capture cards and devices certified to work with Final Cut Pro.*

Once the video and audio are in your system, Final Cut Pro gives you a comprehensive set of tools to turn them into a well-polished production. Fast, interactive tools streamline the editing and compositing processes. Choose from numerous built-in special effects, bring in third-party Adobe After Effects filters, or design your own effects. While you're creating video, you can view it on a TV and your computer monitor simultaneously—with fast, smooth playback so you can tell exactly how the finished product will look.

You can output your final video to any professional format. Print straight to videotape, or create a QuickTime file for a CD-ROM or the World Wide Web.

Final Cut Pro: Professional digital video production at a cost you would never have thought possible.

* Final Cut Pro works with the Pinnacle Systems TARGA series of video capture cards. See www.apple.com/finalcutpro for information on other certified cards.

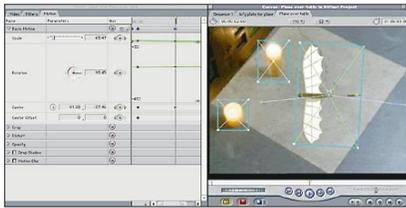


Specification Sheet

Final Cut Pro



Edit using a modeless drag-and-drop interface, graphical buttons, or the keyboard.



Combine audio, video, text, and graphic elements in unlimited layers.



Organize your media assets however you prefer, using sophisticated search, sift, and sort tools.

Features

Benefits

Comprehensive professional tools

The best features of other editing and compositing programs in one product	Streamline your workflow and enjoy better quality while saving money
Fast, interactive editing with a complete set of professional tools	Spend your time creating great videos instead of performing wasted steps
Direct, proxy-free compositing	Work precisely with elements, exactly as they will appear in the finished production
Unlimited layers of video, audio, text, and graphics	Build productions as complex as you want
Ability to use Bézier curves or graphs to control effects and animations with keyframes	Create intricate, precise, time-varying effects
Media asset management	Organize your assets efficiently with support for 34 columns of data and unlimited bins and sub-bins
Full-featured deck control	Batch-capture many different clips as well as export and play back to tape

Plug-and-play digital video

Compatibility with the newest Power Macintosh G3 computers	Just plug in a DV camera and turn your computer into a complete personal video workstation
Support for DV and FireWire (IEEE 1394)-compatible video peripherals	Capture pure, high-quality digital video from today's most popular cameras and tape decks
Ability to use certified QuickTime-compatible video capture and output cards*	Import or output video using whatever format you need
Simultaneous output to a computer monitor, TV monitor, VCR, or camera	Find out how your production will look on a real TV, or send it directly to a VCR

Enhanced workflow and productivity

Four multifunction windows	See all interface elements continuously, without having to constantly rearrange windows
Choice of editing interface: source/record, timeline, or keyboard	Use the interface you prefer for the highest productivity
Ability to print directly to videotape without a "make movie" command	Eliminate the time-consuming step of rendering every frame before you go to tape
Four work-mode qualities with separate caches	View high-speed previews and rendering of transitions, effects, and composited elements
Autosave and 99 levels of "undo"	Work with confidence, knowing that you can easily correct any mistakes
Ability to log and capture media directly into bins	Organize your media as you capture it
Sort and sift functions and Boolean searches	Find and organize your media assets quickly and easily
Flexible user interface controls	Work the way you want to—with drag-and-drop editing, pull-down menus, or keystrokes
Pop-up editing palette	Gives you drag-and-drop support of major edit functions
Ability to scroll through thumbnails in the browser	View clips on an NTSC monitor without opening the Viewer window with supported video cards
Tab-based contextual windows	Eliminate screen clutter by pulling out tabs to create stand-alone windows

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Specification Sheet

Final Cut Pro

Features

Benefits

Outstanding support for QuickTime

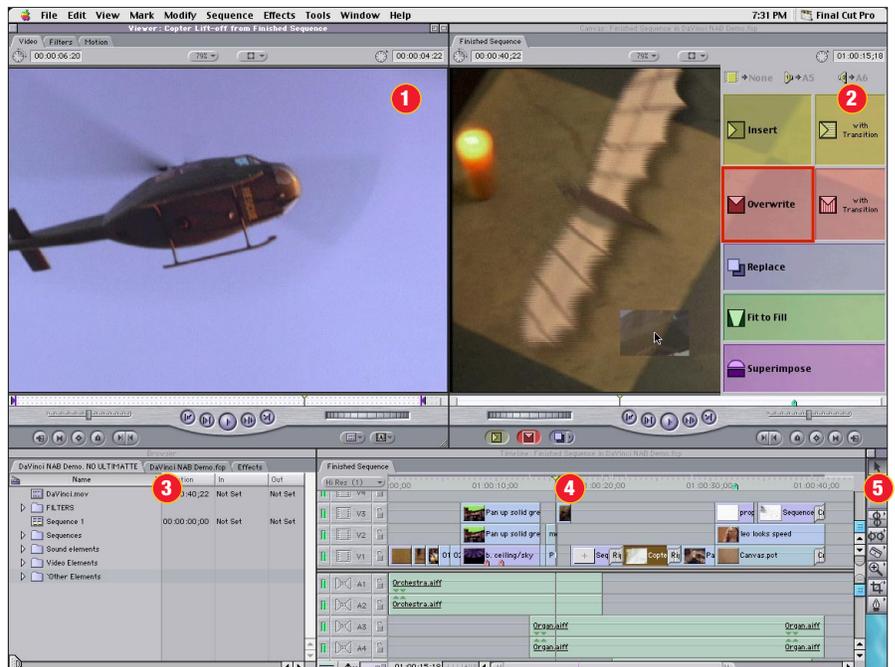
Large windows with stutter-free playback	See the detail in your images for precise editing
Fast playback of productions with even hundreds of edits	Create long-format video projects without getting bogged down
Guaranteed audio/video synchronization	Work with confidence in the quality of your finished production
Support for superlarge files (more than 2 gigabytes)	Capture more than just 9 minutes of video at one time
Support for QuickTime effects and transitions	Add eye-catching transitions created by Apple and other vendors
Ability to export video to all QuickTime formats, including M-JPEG and streaming video	Create videos for any medium, including videotape, CD-ROM, broadcast, and the World Wide Web

Top Ten Reasons to Get Final Cut Pro

1. Use the most professional editing tool available for QuickTime software.
2. Take advantage of DV and FireWire in the new Power Macintosh G3 computers.
3. Save money over competing turnkey systems.
4. Enjoy the only affordable product that combines professional editing, compositing, and effects in a single application.
5. Use the best tool for editing DV video with software codecs and QuickTime software.
6. Streamline your work with versatile workflow and productivity features.
7. Take advantage of professional formats such as DV, M-JPEG, uncompressed ITU-R 601, and web-ready streaming.
8. Work with a professional, yet easy-to-use interface that will be familiar to video editors and Adobe Photoshop users.
9. Incorporate third-party Adobe After Effects plug-ins.
10. Choose from a variety of free and fee-based support options.

Four versatile windows for fast access to all Final Cut Pro features.

1. Work with all aspects of clips using the Viewer window.
2. Enjoy fast editing and compositing with the Canvas window.
3. Use the Browser window to organize, sort, search, or sift through the media for all your projects.
4. View a complete linear graphic representation of your project with the Timeline window.
5. Keep the versatile tool palette on screen for easy access to editing and compositing tools.





Specification Sheet

Final Cut Pro

System Requirements

- 266-MHz Power Macintosh G3 computer (300 MHz required for DV)
- Mac OS 8.5 or later
- 128MB of RAM
- 6GB hard disk (one or more separate Ultra2 LVD SCSI media drives recommended)
- One of the following video capture systems (optional):
 - A DV digital video source connected to a computer equipped with an Apple FireWire port (built in or on an Apple PCI card)
 - An analog video source and a certified QuickTime-compatible video capture card or device*
- Dual-monitor support (optional)

Ordering Information

Final Cut Pro

Order No. M7354LL/A

- Final Cut Pro software
- QuickTime Pro software
- Media Cleaner EZ QuickTime Edition software from Terran Interactive
- EDL Access software from Focal Point Systems, Inc.
- FireWire cable with 4- to 6-pin connectors for connecting a DV camera to a FireWire port
- Keyboard shortcut labels
- Quick reference card

For More Information

For more information about this product, or to find out where to buy Apple products—through a reseller or from the Apple Store—visit www.apple.com or call 1-800-538-9696.

Apple stands behind its products with world-class service and support. Offering quality parts, extended hardware service options, phone support, and support via the Internet, we provide you with support choices that meet your needs. For more information, visit www.apple.com/support.

Apple Computer, Inc.

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Cupertino, CA 95014
(408) 996-1010
www.apple.com

Product Details

Input and output formats

- DV video using FireWire
- Composite analog (NTSC) and component analog (NTSC) using Pinnacle Systems TARGA products or other certified QuickTime-compatible cards*
- All QuickTime video and file formats, including Motion and Photo JPEG, Sorenson, Cinepak, and more
- Standard image formats (BMP, JPEG, MacPaint, Photoshop, PICT, PNG, QuickTime Image, SGI, TARGA, TIFF) with alpha channels maintained (import only)
- Standard sound formats, including AIFF, WAV, and various compressions
- Export in QuickTime web-streaming format
- Import and export of common EDLs with preread options

Video capture

- Multiple resolutions and redigitizing options
- Batch digitizing into bins
- Support for marking subclips during digitizing
- Ability to add scene, shot, take, and comment notations to footage as it is being digitized
- Waveform monitor

Printing to tape and exporting

- Instant playback of cuts
- Insert and assemble to tape using device control
- Up to 4,000x4,000-pixel resolution in any combination, including ITU-R 601 720x486-pixel and 720x576-nonsquare pixel options
- Compressed or uncompressed output
- 60-field processing
- Certified performance on Pinnacle Systems TARGA cards and other cards that have qualified QuickTime drivers*

Editing

- Three-point editing
- Match frame for replacing edits
- L cuts
- Multitrack trimming
- Multiple actions, including insert, overlay, and replace
- Ability to back-time edits in a single step
- Active track targeting
- Numerical trimming from timeline
- Slip trimming and slide trimming
- Support for editing and trimming using black (null) space, and for replacing black
- Sync multiple video edits to a single audio track
- Sync detection and automatic correction
- Markers with or without comments and durations
- Choice of editing with offline or online files
- One-step transition and superimpose edit mode
- Inline transitions instead of A/B model

Compositing and effects

- Direct manipulation of video and images
- Graphical and numeric control of acceleration and velocity
- Unlimited compositing layers
- Import of Adobe Photoshop files with layers maintained
- Subpixel motion accuracy
- Insertion of fully editable submasters
- Text generator
- Keyframe-based filters
- Real-time wire frame views
- Bézier motion path controls with acceleration control
- More than 75 built-in filters and keying effects
- Support for third-party Adobe After Effects plug-ins, including Ultimatte
- FXBuilder scripting language for creating custom filters and compositing effects
- Ability to apply effects to time ranges, not just clips
- Photoshop-like transfer modes, such as multiply and lighten
- Multiple compositing methods, including alpha, blue and green screen, luminance, and more
- Automatic alpha compositing
- Time effects such as slow motion with frame blending
- Motion blur and sophisticated image deinterlacing
- Multiprocessor rendering
- Four user-defined rendering qualities for fast previews
- Separate render cache for each quality setting
- More than 60 predefined transitions

Audio capabilities

- Sampling at 8 to 48 kHz and 8 to 16 bits
- Mixing of audio during video playback
- Audio pan controls
- Logarithmic audio fades
- Scrubbing with or without pitch shifting
- Automatic, single-step audio transitions
- More than 12 audio filters, including three-band and parametric equalizer, compressor/limiter, 60/120-Hz hum remover, and noise gate

Media management

- Multiple bins and folders for clip and effects storage
- Icon and detail list views by name and other parameters
- Ability to open multiple projects and programs
- Support for multi-item sorts, sifts, and searches
- Storage of clip information in 34 bin categories such as file size, frame rate, and comments
- Optional subclips

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