



23-inch Apple Cinema HD Display



Features

Unrivaled display performance

- 23-inch (viewable) active-matrix liquid crystal display provides breathtaking image quality and vivid, richly saturated color
- Support for 1920-by-1200-pixel resolution for display of high-definition (HD) still and video imagery
- Wide-format design for simultaneous display of two full pages of text and graphics
- Designed to work with the Power Mac G4 digital graphics interface for distortion-free images
- Incredibly wide (160°) horizontal and vertical viewing angle for maximum visibility and color performance
- Lightning-fast pixel response for full-motion digital video playback
- Support for 16.7 million saturated colors, for use in all graphics-intensive applications

Simple setup and operation

- Simple, quick-latch connection to the Power Mac G4—no power cord required
- Built-in two-port USB hub for easy connection of desktop peripheral devices
- Power button to power on, put to sleep, or wake the Power Mac G4 system

Sleek, elegant design

- Huge virtual workspace, very small footprint
- Unique hinge design for effortless adjustment

The Apple Cinema HD Display is a stunning, all-digital, 23-inch flat-panel display with 1920-by-1200-pixel resolution—enough to view high-definition (HD) content with room to spare. It's the ideal display for video professionals using Apple's Final Cut Pro software to edit and author HD content. Video and still images are crisp and clear. Colors are vivid and accurate. Text is sharp and easy to read. With a sleek, slim, and breathtaking design, it's the perfect complement to the Power Mac G4 system.

The Apple Cinema HD Display features an active-matrix liquid crystal display that produces flicker-free images that deliver twice the brightness, twice the sharpness, and twice the contrast ratio of a typical CRT display. Unlike other flat panels, it's designed with a pure digital interface to deliver distortion-free images that never need adjusting. With over 2.3 million digital pixels, the display is uniquely suited for scientific and technical applications such as visualizing molecular structures or analyzing geological data. The Apple Cinema HD Display emits near-zero electromagnetic output, which minimizes interference with sensitive scientific equipment that may alter readings or results.

Its widescreen format and high resolution make this the ultimate display for creative professionals. With room for viewing two full pages of graphics and text simultaneously, you can forget about wasting time scrolling through a document or toggling between windows. And you'll have plenty of room for tear-off menus, palettes, and toolbars.

Offering brilliant color performance, the Apple Cinema HD Display delivers up to 16.7 million colors across a wide gamut—allowing you to see subtle nuances between colors, from soft pastels to rich jewel tones. A wide viewing angle ensures uniform color from edge to edge. Apple's ColorSync technology allows you to create custom profiles to maintain consistent color onscreen and in print. The result: You can confidently use this display in all your color-critical applications.

Setup is a snap, too. Plug the single cable into your Power Mac G4 and you're in business. The Apple Display Connector (ADC) carries power, USB, and digital graphics. There are no controls to adjust. The all-digital signal between your Mac and your display ensures perfect image quality. A two-port, self-powered USB hub makes attaching desktop peripherals a breeze.

Looking for the ultimate display for video, graphics, engineering, and scientific applications? Take a long, admiring look at the 23-inch Apple Cinema HD Display. It's the ideal way to broaden your horizons.



Specification Sheet

23-inch Apple Cinema HD Display



The Apple Cinema HD Display—high-definition resolution for demanding professionals.

For More Information

For more information about this product, or to find out where to buy Apple products, visit www.apple.com/hardware or call 800-538-9696. You can purchase Apple products from your authorized Apple reseller, the online Apple Store (www.apple.com/store or 800-MY-APPLE), or Apple's retail stores.

Visit the Macintosh Products Guide at www.apple.com/guide for the latest information on more than 18,000 hardware and software products for your Macintosh computer.

Your Apple Cinema HD Display comes with 90 days of telephone support and a one-year limited warranty. Purchase the AppleCare Protection Plan to extend your service and support to three full years. Only the AppleCare Protection Plan provides you with direct telephone support from Apple technical experts and the assurance that repairs will be handled by Apple-certified technicians using genuine Apple parts. For more information, visit www.apple.com/support/products or call 800-823-2775.

AppleCare Protection Plan coverage for Apple displays is available only when a compatible Power Mac computer is purchased at the same time.

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Cupertino, CA 95014
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Technical Specifications

Screen size and type

- 23 inches (diagonal viewable image size)
- Thin film transistor (TFT) active-matrix liquid crystal display

Display colors (maximum)

- 16.7 million

Viewing angle (typical)

- 160° horizontal; 160° vertical

Brightness (typical)

- 200 cd/m²

Contrast ratio (typical)

- 350:1

Resolutions

- 1920 by 1200 pixels (optimum resolution)
- 1280 by 800 pixels
- 1024 by 600 pixels
- 800 by 500 pixels

User controls (hardware and software)

- System power on/sleep/wake
- Brightness
- Monitor tilt

Screen treatment

- Antiglare hardcoat

Connectors and cables

- Apple Display Connector carries digital video, USB, and power
- Two-port, self-powered USB hub

Electrical requirements

- Input voltage: 24.5V to 28V DC
- Power: 70W (maximum) when operating; 5W or less when system is in energy saver mode

Agency approvals

- FCC Part 15 Class B
- EN55022 Class B
- EN55024
- VCCI Class B
- AS/NZS 3548 Class B
- CNS 13438 Class B
- ICES-003 Class B
- ISO 13406
- MPR II
- IEC 60950
- UL 60950
- CSA 60950
- EN60950
- ENERGY STAR
- TCO 95

Environmental requirements

- Operating temperature: 50° to 95° F (10° to 35° C)
- Storage temperature: -40° to 116° F (-40° to 47° C)
- Operating humidity: 20% to 80% noncondensing
- Maximum operating altitude: 10,000 feet

Size and weight

- Height: 19.2 inches (48.6 cm)
- Width: 24.2 inches (61.4 cm)
- Depth: 7.3 inches (18.7 cm) minimum; 11.1 inches (28.0 cm) maximum
- Weight: 25.3 pounds (11.5 kg)

System requirements

- Power Mac G4 with NVIDIA GeForce2 MX, GeForce3, GeForce4 MX, or GeForce4 Ti graphics card, or ATI Radeon 7500 graphics card
- Mac OS X v10.1.3 or Mac OS 9.2.2

Ordering Information

Apple Cinema HD Display
Order No. M8537ZM/A



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