# Apple Studio Display

The Apple Studio Display combines state-of-the-art digital imaging technology with advanced software-based features unique to Apple. The result is a high-performance flat-panel display that's ideal for anyone who spends a lot of time manipulating text, graphics, and other media on-screen. Whether you're a multimedia content creator, a designer, a writer, an educator, or an accountant, the Apple Studio Display can make your job look a lot better to you— and vice versa.

The thin film transistor (TFT) active-matrix LCD technology used by the Apple Studio Display enables it to offer outstanding brightness, contrast ratio, and sharpness—for optimal viewing. It also provides an impressively wide viewing angle, as well as completely eliminating screen flicker. And the Apple Studio Display offers all of this performance in a product that's a fraction the size of a traditional computer monitor.

Probably the most distinguishing feature of this display, though, is the advantage it takes of Apple's outstanding hardware/software integration. In the case of the Apple Studio Display, this enables an unmatched combination of "smart features" and superior software controls—adding up to an extraordinarily flexible, responsive device with which to view your work.

In fact, the Apple Studio Display can make that eight-plus hours per day you spend in front of your computer significantly more productive—and surprisingly more pleasant. If you deal primarily with graphics, you'll be glad to know that the Apple Studio Display requires no special graphics adapter to work seamlessly with your computer. If you deal more with multimedia, you'll appreciate its built-in connectors for composite and S-video as well as audio input. And if what you deal with most frequently is a combination, you'll find the display's ability to shift instantly between graphics and video modes invaluable.

The Apple Studio Display—when you look at all of its high-performance capabilities, you'll really like what you see.

## Features

### Spectacular display performance
- Offers outstandingly crisp, clear images using thin film transistor (TFT) active-matrix liquid crystal display (LCD) technology
- Produces a distortion-free image without any time-consuming geometric correction
- Enables flexible viewing through its wide (120° horizontal) viewing angle
- Includes composite and S-video connectors, so you can easily display full-screen video
- Eliminates screen flicker

### Stunning style
- Takes up a fraction of the space required by a traditional display
- Includes tilt-and-swivel and height adjustments for optimal viewing comfort
- Offers an alternate picture-frame stand that can further minimize its desktop footprint
- Provides easy access to audio/video connectors and screen-control buttons
- Reduces cable clutter through an integrated cable guide
- Complies with the strict global TCO 95 standards for low power consumption, low emissions, and recyclability

### Outstanding hardware/software integration
- Offers an unmatched combination of "smart" features and superior software user controls
- Features smart scaling, which provides full-screen, high-quality viewing of graphics and video at varying resolutions
- Ensures the best possible performance regardless of display/graphics card or analog input from the computer, through accurate, easy phase adjustment
- Makes it easy to "optimize" your viewing experience using a unique software-based tool that gives you precise, integrated control over white level, black level, and brightness

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## Technical Specifications

### Screen size
- 15.1 inches (diagonal viewable image size)

### Screen type
- Thin film transistor (TFT) active-matrix liquid crystal display

### Display colors
- 16 million (maximum)

### Viewing angle (typical)
- 120° horizontal; 90° vertical

### Brightness (typical)
- 200 cd/m$^2$

### Contrast ratio (typical)
- 200:1

### Resolution and screen refresh rates
- 640 by 480 pixels at 60 Hz, 67 Hz, 72 Hz, or 75 Hz
- 720 by 400 pixels at 70 Hz
- 800 by 600 pixels at 56 Hz, 72 Hz, or 75 Hz
- 832 by 624 pixels at 75 Hz
- 1,024 by 768 pixels at 60 Hz, 70 Hz, 74.9 Hz, or 75 Hz

### User controls (hardware and software)
- Power on/off
- Graphics/video toggle
- Brightness
- Reset
- On-screen display navigation
— Menu position (vertical, horizontal)
— Information (display status)
— Language
— Function adjustment
— Menu off
- On-screen display functions
— Tracking (coarse, fine)
— Position (vertical, horizontal)
— Black level
— Sharpness
— White point

### Screen treatment
- Antistatic, antireflective coating

### Connectors and cables
- Input
— 15-pin D-sub for RGB video
— 4-pin DIN for S-video
— Three 4-pin DIN connectors for Apple Desktop Bus
— RCA-type connector for composite video
— Two RCA-type connectors for audio (left, right)
— 65mm DC connector for DC input
- Output
— Mini-stereo connector for audio

### Power supply electrical requirements
- Line voltage: 100 to 240 V AC
- Frequency: 50 to 60 Hz, single phase
- Power: less than 35W (operating)

### Agency approvals
- FCC Part 15 Class B
- CISPR 22 Class A (EN500821f)—complies with European EMC directive
- DOC Class B
- MPR-II
- VCCI Class 2
- CE Mark
- EPA Energy Star compliant
- IEC 950
- EN60950
- NUTEK
- TCO 95

### Environmental requirements
- Operating temperature: 50° to 95° F (10° to 35° C)
- Storage temperature: -4° to 140° F (–20° to 60° C)
- Operating humidity: 10% to 80%, noncondensing
- Storage humidity: 5% to 95%, noncondensing
- Operating altitude: 0 to 10,000 feet (0 to 3,048 m)
- Shipping: 0 to 35,000 feet (0 to 10,606 m)

### System requirements
- Works with Power Macintosh or other Mac OS–based systems with PowerPC processors running Mac OS 7.5 or later*
- Works with Windows 95– and Windows NT–based systems

### Size and weight
- With desktop stand: 15.0 inches (minimum) to 19.3 inches (maximum) by 15.7 inches by 9.8 inches (38.1 cm to 49.0 cm by 39.9 cm by 24.9 cm)
- With picture-frame stand: 11.6 inches by 15.7 inches by 6.9 inches (24.9 cm by 39.9 cm by 17.5 cm)
- With desktop stand: 12 lb. (5.5 kg)
- With picture-frame stand: 7.7 lb. (3.5 kg)

*Does not work with Macintosh PowerBook 1400 or 5300 systems or with PowerBook Duo 2300 systems.*

## Ordering Information

### Apple Studio Display
Order No. M6356LL/A
- Apple Displays software (with ColorSync profile)
- VGA adapter
- Power cord and adapter
- Picture-frame stand
- User's manual
- Limited warranty

### 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.