Apple Multiple Scan 20 Display

Features

Outstanding image quality
- Provides excellent brightness, contrast, convergence, focus, and white uniformity that give you clear, sharp pictures with true colors through the Sony Trinitron screen
- Includes digital controls that let you precisely adjust for brightness, contrast, geometry, centering, and convergence, as well as white point
- Features a low-curvature design that minimizes distortion and reflections

Ergonomic design
- Comes with a tilt-and-swivel base that allows you to position the monitor for optimal viewing comfort
- Connects keyboard and mouse easily via Apple Desktop Bus (ADB) connectors integrated directly into the monitor base
- Provides the convenience of front-panel controls
- Features a high-quality bonded antireflection and antiglare panel
- Flicker-free 75-hertz refresh rate minimizes eyestrain
- Complies with the EPA's EnergyStar conservation guidelines by switching into low-power mode during idle periods
- Complies fully with MPR II standards for low electrical and magnetic emissions

Advanced functionality
- Uses multiple scan electronics that enable a high level of user flexibility
- Capable of displaying a wide range of resolutions: from 640 by 480 to 1,280 by 1,024
- Features selectable white points for optimal color fidelity
- Comes with mode-switching software to allow resolution changes without restarting on selected computers

Compatibility and affordability
- Works with Power Macintosh, Macintosh Quadra, Macintosh Centris, and Macintosh Display Card 24ac
- Includes a PC adapter for plug-and-play

IBM PC compatibility
- Provides advanced capabilities at an affordable price

The Apple Multiple Scan 20 Display provides publishing professionals with the ideal solution for all of their color graphic display needs. It offers high-quality, two-page viewing, and it comes with a PC video adapter, so you can easily use it with your MS-DOS and Windows-based systems and with any of your Macintosh computers.
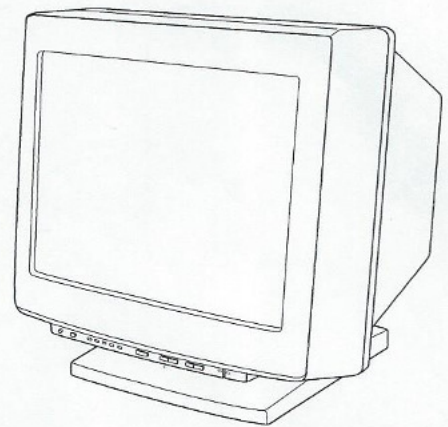
Today, two-page viewing is a must for graphics and publishing professionals from graphic designers to photo retouchers to journalists. The Apple Multiple Scan 20 provides a complete, high-quality Apple solution to meet these needs, making it easy to set up a system that will allow you to get the job done—whether it's designing a newsletter or producing a newspaper.

With its state-of-the-art Sony Trinitron picture tube—the technology of choice for demanding graphics professionals—the Apple Multiple Scan 20 Display provides crisp, bright color images. And for maximum flexibility, the Apple Multiple Scan 20 Display will display a wide range of resolutions. With the included software, you can enlarge images on the screen and increase the resolution for viewing full two-page layouts dynamically. And you don't even have to quit applications or restart your Macintosh. It supports all the standard Macintosh resolutions from 640 by 480 to 1,152 by 870, plus higher resolutions—up to 1,280 by 1,024 with appropriate third-party

display cards for Macintosh computers or IBM PC compatibles.

Reflecting Apple's commitment to user-centered design principles, the Apple Multiple Scan 20 Display is both simple to set up and enjoyable to use. It's easy to connect the display to your system; its Apple Desktop Bus connectors are integrated directly into the base. To minimize distortion, the Apple Multiple Scan 20 features a high-quality antireflection panel. And its conveniently located digital controls let you adjust white point, geometry, centering, and convergence for optimal viewing quality.

Even with all of these features, the Apple Multiple Scan 20 remains affordable—making it the perfect choice for professionals whose work includes the development of graphics and layouts.

Technical Specifications

Picture tube
- 20-in. diagonal Trinitron CRT
- 0.31-mm stripe pitch

Resolution
Macintosh computers
- 640 by 480 at 67 Hz—presentation view
- 832 by 624 at 75 Hz—publishing view
- 1,024 by 768 at 75 Hz—two-page layout view
- 1,152 by 870 at 75 Hz—enlarged layout view

IBM PC–compatible systems
- 640 by 480 at 60 Hz (VGA)
- 800 by 600 at 60 Hz (SVGA)
- 1,024 by 768 at 60 Hz (SVGA)
- 1,280 by 960 at 60 Hz
- 1,280 by 1,024 at 60 Hz
- 1,280 by 1,024 at 75 Hz

Active display area
- 360 mm by 270 mm standard, expandable to 388 mm by 293 mm with user controls

Scanning rates
- 29 to 82 kHz (horizontal)
- 50 to 150 Hz (vertical)

Screen treatment
- High-quality antistatic, antiglare bonded panel

Digital controls
- Brightness
- Contrast
- Horizontal size and centering
- Vertical size and centering
- Convergence
- Rotation
- Pincushion
- Selectable white point: 5,000K, 6,500K, 9,300K
- Power switch

Connector
- 15-pin DSub connector for Macintosh systems
- HD15-pin adapter for PCs

Degauss circuitry
- Automatic at power up

Electrical requirements
- Line voltage: 90 to 132 V AC and 198 to 264 V AC
- Frequency: 43 to 63 Hz, single phase
- Power: 165 W (maximum) when operating, less than 15 W in energy-saver mode

Environmental requirements
- Temperature: 50° to 104° F (10° to 40° C)
- Humidity: 90% maximum, noncondensing
- Altitude: 0 to 10,000 ft. (0 to 3,048 m)
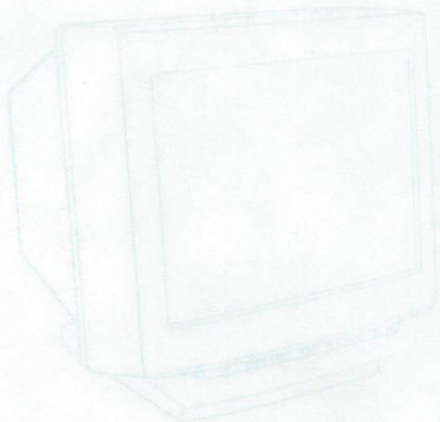
Size and weight
- Height: 18.7 in. (47.5 cm)
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- Depth: 19.7 in. (50.0 cm)
- Monitor weight: 66.0 lb. (29.7 kg)
- Fully boxed weight: 80.0 lb. (36.0 kg)

Agency approvals
- FCC Part 15 Class A
- CE Mark (includes CISPR 22 Class B)
- DOC Class A
- MPR II
- VCCI
- EPA EnergyStar compliant
- UL1950
- CSA 950
- EN60950

Macintosh system requirements
- Power Macintosh, Macintosh Quadra, Macintosh Centris, or Macintosh Display Card 24ac

Ordering Information

Apple Multiple Scan 20 Display
Order No. M2612LL/A
- Apple Multiple Scan 20
- Apple Multiple Scan software
- PC adapter
- Captive video cable
- ADB jumper cable
- Power jumper cable
- User's guide
- Limited warranty

Apple Computer, Inc.
20525 Mariani Avenue
Cupertino, CA 95014
(408) 996-1010
TLX 171-576