



Tech Info Library

Macintosh 12-Inch RGB Display: Specifications (Discontinued)

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TOPIC -----

This article gives technical specifications for the Macintosh 12-inch RGB Display.

DISCUSSION -----

Picture Tube

- 12-inch (30.5 cm) diagonal
- Phosphor EIA Type P22 (aluminized)
- High-contrast antiglare (international versions only)
- Shadow mask

Input Signal

- Video: RS-343 standard
- Sync: Separate sync, negative going, TTL

User Controls

- Power Switch (back panel)
- Brightness, with detent reference (right side)
- Contrast (right side)

Scanning Frequencies

- Horizontal 24.48 kHz
- Vertical 60.15 Hz
- Dot Clock 30.24 MHz

Resolution

- 512 (H) dots by 384 (V) lines - Macintosh II
- 560 (H) dots by 384 (V) lines - Mac LC with Apple IIe Card

Active Video Display Area

Adjusted at the factory to produce an active video area of 8.08-inch (205 mm) horizontal by 6.02-inch (153 mm) vertical. The remainder of the screen

is used for the dark border around the display.

Size

- Height: 12.2 inches (31.0 cm)
- Width: 14.4 inches (36.5 cm)
- Depth: 10.2 inches (25.9 cm)
- Weight: 24 lbs (10.8 kg)

Power Requirements

- 90 watts maximum

Input Voltage

- Operating range 100 to 120 volts
- Frequency 50-60 Hz

Environmental

- Operating Ambient Temperature 50 to 104 degrees F (10 to 40 degrees C)
- Operating Humidity 95% maximum, non-condensing
- Operating Altitude 10,000 feet (3,000m) maximum

Fuse Protection

The monitor contains internal power line fuse protection. This fuse should be replaced with the same type by a qualified service technician.

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