



Tech Info Library

Multiple Scan 1705: Specifications (1/96)

Revised: 1/3/96
Security: Everyone

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TOPIC -----

This article provides the technical specifications for the Apple Multiple Scan 1705 Multiple Scan Display.

DISCUSSION -----

Hardware
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Picture tube

- 17-in. (diagonal) flat, square shadow mask
- 15.8 in. (diagonal viewable image size)
- .28-mm dot pitch

Screen treatment

- Antistatic, antiglare coating

Digital controls

- Brightness
- Contrast
- Horizontal size and centering
- Vertical size and centering
- Pincushion
- Power switch
- Trapezoid
- Degauss

Connector

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

Degauss circuitry

- Front-panel control

Electrical requirements

- Line voltage: 90 to 132 V AC and 198 to 264 V AC
- Frequency: 47 to 63 Hz, single phase
- Power: 165 W (maximum) when operating; less than 11 W in standby mode; 0 W in suspend mode and when CPU is in energy-saver mode

Environmental requirements

- Temperature: 50 to 104 deg. F (10 to 40 deg. C)
- Humidity: 10% to 80%, noncondensing
- Altitude: 0 to 10,000 ft. (0 to 3,048 m)

Size and weight

- Height: 17.2 in. (43.7 cm)
- Width: 16.5 in. (41.9 cm)
- Depth: 18.8 in. (47.8 cm)
- Weight: 45.2 lb. (20.3 kg)

Resolution/Screen refresh rate

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Macintosh computers

- 832 by 624 pixels at 75 Hz—presentation view
- 640 by 480 pixels at 67 Hz—publishing view
- 1,024 by 768 pixels at 75 Hz—page-layout view

PC-compatible systems

- 640x480 pixels at 60 Hz (VGA)
- 800x600 pixels at 60 Hz (SVGA)
- 1,024x768 pixels at 60 Hz (SVGA)

Scanning rates

- 30 to 65 kHz (horizontal)
- 50 to 120 Hz (vertical)

Active Display Area

- Diagonal - 15.8 in.
- Width - 12.6 in.
- Height - 9.5 in.

Agency approvals

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- FCC Part 15 Class B
- CISPR 22 Class A (EN5008211) – complies with European EMC directive
- DOC Class B
- MPR II
- VCCI Class 2
- CE Mark
- EPA Energy Star compliant
- IEC 950
- UL1950
- CSA 950
- EN60950

System requirements

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- Power Macintosh, Macintosh Quadra, Macintosh Centris, Macintosh II (with video card), and PowerBook computers
- System software version 7.1 or later

Article Change History:

03 Jan 1996 - Minor technical correction.

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