



# Tech Info Library

## Macintosh LC 475: Displays (10/93)

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TOPIC -----

This article describes display options for the Macintosh LC 475 computer system.

DISCUSSION -----

512K VRAM in SIMMs (for 256 colors) is standard. VRAM is expandable to 1MB for 32,000 colors.

The Macintosh LC 475 works with all Apple and many third-party displays from 12-inch to 21-inch, including portrait displays and VGA monitors. Some examples:

- Macintosh 12" RGB Display

with 512K of VRAM:

512 by 384 pixels with 1, 2, 4, 8, or 16 bits per pixel  
(thousands of colors/256 grays)

with 1MB of VRAM:

512 by 384 pixels 1, 2, 4, 8, or 16 bits per pixel  
(thousands of colors/256 grays)

- Macintosh 12-inch Monochrome Display, AppleColor High-Resolution Monitor (13-inch), and Macintosh Color Display (14-inch)

with 512K of VRAM:

640 by 480 pixels with 1, 2, 4, or 8 bits per pixel  
(256 colors/256 grays)

with 1MB of VRAM:

640 by 480 pixels 1, 2, 4, 8, or 16 bits per pixel  
(thousands of colors/256 grays)

- Macintosh Color Display

with 512K of VRAM:

640 by 480 pixels with 1, 2, 4, or 8 bits per pixel  
(256 colors/256 grays)

with 1MB of VRAM:

640 by 480 pixels 1, 2, 4, 8, or 16 bits per pixel  
(thousands of colors/256 grays)

- Macintosh Portrait Display (15-inch)

with 512K of VRAM:

640 by 870 pixels with 1, 2, or 4 bits per pixel  
(16 grays)

with 1MB of VRAM:

640 by 870 pixels 1, 2, 4, or 8 bits per pixel  
(256 grays)

- Macintosh 16-inch Color Display

with 512K of VRAM:

832 by 624 pixels with 1, 2, 4, or 8 bits per pixel  
(256 colors/grays)

with 1MB of VRAM:

832 by 624 pixels 1, 2, 4, 8, or 16 bits per pixel  
(thousands of colors/grays)

- Macintosh 21-inch Color Display

with 512K of VRAM:

1152 by 870 pixels with 1, 2, or 4 bits per pixel  
(16 colors/grays)

with 1MB of VRAM:

1152 by 870 pixels 1, 2, 4, or 8 bits per pixel  
(256 colors/grays)

- VGA Monitors (with a special adapter cable)

with 512K of VRAM:

640 by 480 pixels with 1, 2, 4, or 8 bits per pixel  
(256 colors/256 grays)

with 1MB of VRAM:

640 by 480 pixels 1, 2, 4, 8, or 16 bits per pixel  
(thousands of colors/256 grays)

Other Apple and non-Apple monitors may also be supported, if used in conjunction with expansion cards or adapters. See your authorized Apple service provider for details.

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