



# Macintosh 12" Monochrome Display

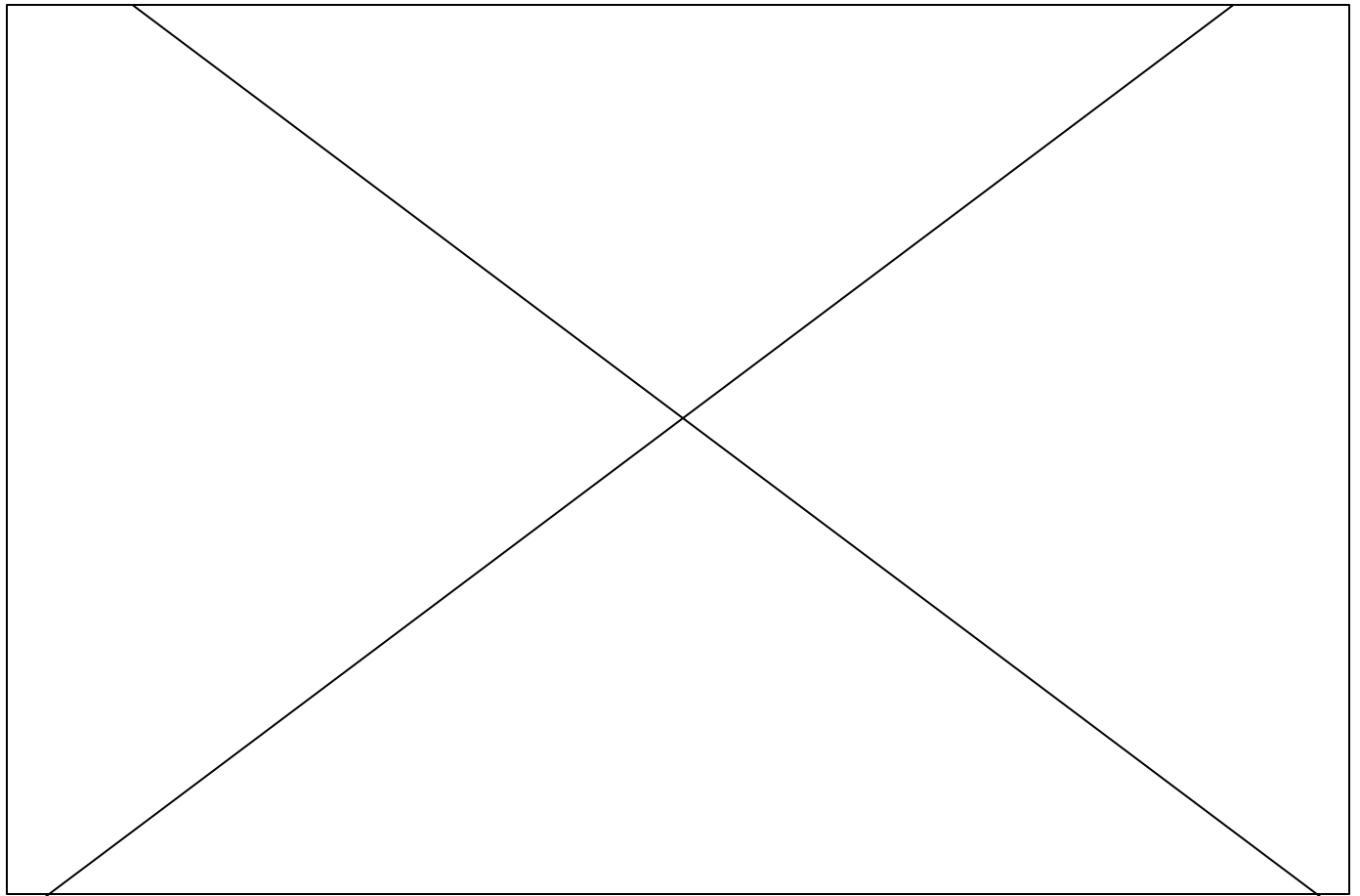
Product Details	When connected to a Macintosh IIsx, Macintosh IIfx, or modular Macintosh personal computer equipped with an appropriate video card, the	Macintosh 12" Monochrome Display lets you work with up to 256 shades of gray simultaneously. When connected to a	Macintosh LC personal computer, it can display 16 shades of gray.
System Requirements	To use the Macintosh 12" Monochrome Display, you'll need the following:	> A Macintosh personal computer with a built-in video port or an appropriate video card, such as the Macintosh Display Card 824 or the Macintosh	Display Card 824cc > A video cable (supplied with the display)
Technical Specifications	<p>Picture tube</p> <ul style="list-style-type: none"><li>&gt; 12-in. diagonal</li><li>&gt; Combination phosphor EIA Type P104 and P193 (white), dark glass</li><li>&gt; High-contrast antiglare screen</li></ul> <p>Screen resolution</p> <ul style="list-style-type: none"><li>&gt; 640 horizontal pixels by 480 vertical lines; 76 dots per inch (dpi)</li></ul> <p>User controls</p> <ul style="list-style-type: none"><li>&gt; Back panel:<ul style="list-style-type: none"><li>— Powerswitch</li></ul></li><li>&gt; Right side:<ul style="list-style-type: none"><li>— Brightness</li><li>— Contrast</li></ul></li></ul> <p>Input signal</p> <ul style="list-style-type: none"><li>&gt; RS-343 standard; TTL composite sync</li></ul>	<p>Active video display area</p> <ul style="list-style-type: none"><li>&gt; 8.35 in. horizontal by 6.26 in. vertical (212 mm horizontal by 159 mm vertical); remainder of display area is used for border</li></ul> <p>Scanning and refresh rates</p> <ul style="list-style-type: none"><li>&gt; Horizontal scan rate: 35.0 kilohertz</li><li>&gt; Vertical refresh rate: 66.7 hertz</li></ul> <p>Rise and fall time</p> <ul style="list-style-type: none"><li>&gt; 16 nanoseconds maximum</li></ul> <p>Electrical requirements</p> <ul style="list-style-type: none"><li>&gt; Voltage: 90 to 132 and 190 to 270 volts AC</li><li>&gt; Frequency: 47 to 63 hertz</li><li>&gt; Power: 30 watts maximum, all line conditions</li></ul> <p>Fuse protection</p> <ul style="list-style-type: none"><li>&gt; Internal power line fuse protection; the display fuse should be replaced with a fuse of the same type by a qualified service technician</li></ul>	<p>Operating environment</p> <ul style="list-style-type: none"><li>&gt; Operating temperature: 50°F to 104°F (10°C to 40°C)</li><li>&gt; Operating humidity: 95% maximum, noncondensing</li><li>&gt; Operating altitude: 10,000 ft (3,048 m) maximum</li></ul> <p>Size and weight</p> <ul style="list-style-type: none"><li>&gt; Height: 12.2 in. (31.0 cm)</li><li>&gt; Width: 14.4 in. (36.5 cm)</li><li>&gt; Depth: 10.2 in. (25.9 cm)</li><li>&gt; Weight: 16 lb. (7.3 kg)</li></ul> <p>Safety agency approvals</p> <ul style="list-style-type: none"><li>&gt; ELF (extremely-low-frequency) and VLF (very-low-frequency) magnetic emissions are within the SWEDAC MPR2 guidelines</li></ul>
Ordering Information	Macintosh 12" Monochrome Display Order No. M0298LL/A	With your order, you'll receive: > Macintosh 12" Monochrome Display > Video cable > Power cable	> Complete setup, learning, and reference documentation > Limited warranty statement

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M0916LLB

# Macintosh 12" Monochrome Display



## Overview

The Macintosh 12" Monochrome Display offers users of modular Macintosh computers the lowest-cost option for high-resolution display of text and graphic images. It is an excellent choice for anyone who needs to view text and graphics in black and white or grayscale.

With a new "page-white" phosphor screen and dark glass, the Macintosh 12" Monochrome Display offers high brightness and sharp contrast. Its 12-inch, 640-by-480-pixel screen shows the full width and more than half the height of a letter-size page. It can also display up to 256 levels of gray simultaneously, depending on the Macintosh computer or video card to which it is connected.

## Features

> 12-inch monochrome CRT

> 640 horizontal pixels by 480 vertical lines at 76 dots per inch (dpi)

> 67-hertz screen refresh rate

> "Page-white" phosphor screen and dark glass

> Antiglare screen

> Brightness and contrast controls

## Benefits

> Delivers sharp, crisp display of text and graphics on a full-size screen  
> Offers superior resolution and focus for displaying small type and fine graphic details

> Lets you display the full width (including margins) and more than half the height of a letter-size page  
> Maintains close size integrity between the screen and printed documents

> Reduces eyestrain by eliminating flicker

> Improves brightness and contrast

> Minimizes reflected glare  
> Lets you work comfortably in bright rooms

> Lets you adjust the display to suit your preferences and environment