



# Apple II Monochrome Monitors

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Ordering Information

Apple Monochrome  
Monitor IIe

Order No. A2M6017

With your order, you'll receive the following:

- Apple Monochrome Monitor IIe
- Owner's guide
- Power cable
- Video cable
- Limited warranty statement

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Monitor

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Apple Monitor Stand

Order No. A2M4029

# Apple II Monochrome Monitors

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	Apple Monochrome Monitor IIe	Apple Monochrome Monitor
Controls	<ul style="list-style-type: none"><li>· Front</li><li>-- Power on/off</li><li>-- Contrast</li><li>· Rear</li><li>-- Brightness</li><li>-- Vertical hold</li><li>-- Height</li></ul>	<ul style="list-style-type: none"><li>· Side</li><li>-- Power on/off</li><li>-- Contrast</li><li>· Rear</li><li>-- Brightness</li><li>-- Vertical hold</li><li>-- Vertical amplitude</li></ul>
Electrical requirements	<ul style="list-style-type: none"><li>· Line voltage: 108 to 132 volts AC</li><li>· Frequency: 50 to 60 hertz</li><li>· Power consumption</li><li>-- Typical: less than 20 watts</li><li>-- Maximum: 45 watts</li></ul>	<ul style="list-style-type: none"><li>· Line voltage: 108 to 132 volts AC</li><li>· Frequency: 50 to 60 hertz</li><li>· Power consumption</li><li>-- Typical: less than 20 watts</li><li>-- Maximum: 45 watts</li></ul>
Environmental requirements	<ul style="list-style-type: none"><li>· Operating temperature: 41° to 104° F (5° to 40° C)</li><li>· Maximum humidity: 90%</li><li>· Altitude: 0 to 10,000 ft. (0 to 3,048 m)</li></ul>	<ul style="list-style-type: none"><li>· Operating temperature: 32° to 122° F (0° to 50° C)</li><li>· Maximum humidity: 90%</li><li>· Altitude: 0 to 10,000 ft. (0 to 3,048 m)</li></ul>
Size and weight	<ul style="list-style-type: none"><li>· Height: 10.63 in. (27.0 cm)</li><li>· Width: 14.56 in. (37.0 cm)</li><li>· Depth: 12.50 in. (31.8 cm)</li><li>· Weight: 18 lb. (8.16 kg)</li></ul>	<ul style="list-style-type: none"><li>· Height: 10 in. (25.5 cm)</li><li>· Width: 12.3 in. (31.0 cm)</li><li>· Depth: 14.3 in. (37.5 cm)</li><li>· Weight: 18 lb. (8.16 kg)</li></ul>

# Apple II Monochrome Monitors

## System Requirements

To use an Apple Monochrome Monitor IIe, you'll need an Apple IIe, Apple II Plus, or Apple II personal computer.

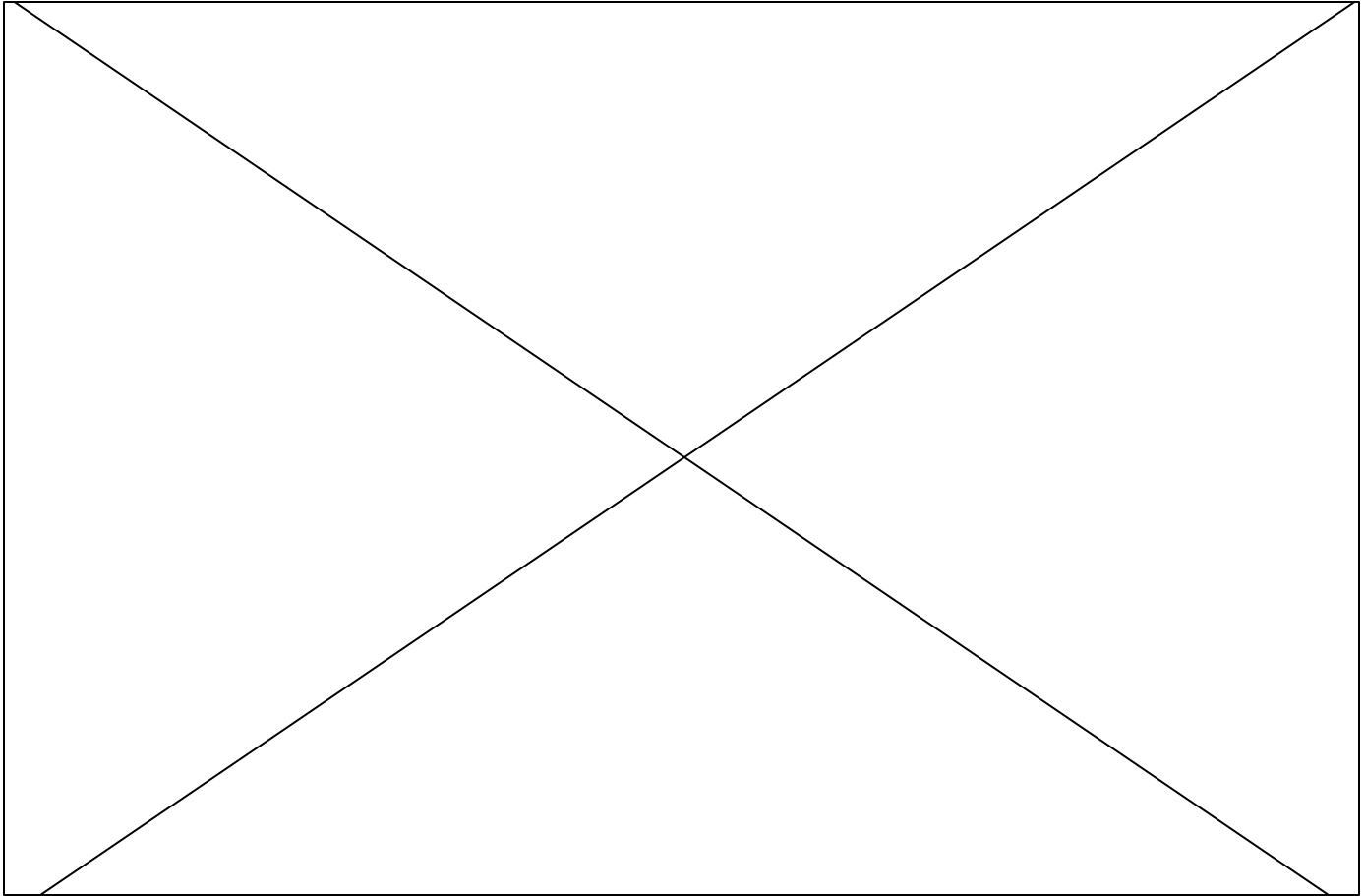
To use an Apple Monochrome Monitor, you'll need an Apple II GS, Apple IIc Plus, or Apple IIc personal computer.

If you have an Apple IIc Plus or Apple IIc, you may also wish to purchase an Apple Monitor Stand.

## Technical Specifications

	Apple Monochrome Monitor IIe	Apple Monochrome Monitor
Picture tube	<ul style="list-style-type: none"> <li>12 inches (30.5 centimeters) diagonal</li> <li>High-contrast</li> <li>Antiglare</li> <li>90° diagonal deflection</li> <li>Green phosphor (EIA Type P31)</li> </ul>	<ul style="list-style-type: none"> <li>12 inches (30.5 centimeters) diagonal</li> <li>High-contrast</li> <li>Antiglare</li> <li>90° diagonal deflection</li> <li>White phosphor (EIA Type P4)</li> </ul>
Active display area	<ul style="list-style-type: none"> <li>215 millimeters horizontal by 160 millimeters vertical (remainder of area is used for border)</li> </ul>	<ul style="list-style-type: none"> <li>215 millimeters horizontal by 160 millimeters vertical (remainder of area is used for border)</li> </ul>
Scanning	<ul style="list-style-type: none"> <li>EIA standard: 525 lines; 30 frames; 60 fields/second; overscan</li> </ul>	<ul style="list-style-type: none"> <li>EIA standard: 525 lines; 30 frames; 60 fields/second; overscan</li> </ul>
Scan rates	<ul style="list-style-type: none"> <li>Horizontal: 15.7 kilohertz</li> <li>Vertical: 59.9 hertz</li> </ul>	<ul style="list-style-type: none"> <li>Horizontal: 15.7 kilohertz</li> <li>Vertical: 59.9 hertz</li> </ul>
Input signal	<ul style="list-style-type: none"> <li>Composite video, 1.0 (±0.1) volts peak-to-peak, negative sync</li> </ul>	<ul style="list-style-type: none"> <li>Composite video, 1.0 (±0.1) volts peak-to-peak, negative sync</li> </ul>
Video bandwidth	<ul style="list-style-type: none"> <li>Less than 3 decibels down at 10 megahertz</li> </ul>	<ul style="list-style-type: none"> <li>Less than 3 decibels down at 12 megahertz</li> </ul>
Display capability	<ul style="list-style-type: none"> <li>With Apple IIe: 560 dots horizontally by 192 dots vertically</li> </ul>	<ul style="list-style-type: none"> <li>With Apple IIc Plus and Apple IIc: 560 dots horizontally by 192 dots vertically</li> <li>With Apple II GS: 640 dots horizontally by 200 dots vertically</li> </ul>
Text display	<ul style="list-style-type: none"> <li>Up to 80 columns by 25 lines</li> </ul>	<ul style="list-style-type: none"> <li>Up to 80 columns by 25 lines</li> </ul>
Horizontal linearity	<ul style="list-style-type: none"> <li>Less than 10%</li> </ul>	<ul style="list-style-type: none"> <li>Less than 10%</li> </ul>
Vertical linearity	<ul style="list-style-type: none"> <li>Less than 7%</li> </ul>	<ul style="list-style-type: none"> <li>Less than 7%</li> </ul>
Video input connector	<ul style="list-style-type: none"> <li>RCA-style phono jack (75 ohm)</li> </ul>	<ul style="list-style-type: none"> <li>RCA-style phono jack (75 ohm)</li> </ul>

# Apple II Monochrome Monitors



## Overview

The Apple® Monochrome Monitor (for the Apple IIGs® Apple IIc Plus, or Apple IIc) and Apple Monochrome Monitor IIe (for the Apple IIe, Apple II Plus, or Apple II) display crisp, easy-to-read text and sharp graphics. Their 12-inch high-resolution anti-glare screens are easy on your eyes, making them the displays of choice for text-based applications and long stretches of work.

Whether you're reprogramming, forecasting sales, or editing text, these monitors provide a low-cost solution for applications that don't require color graphics capability.

## Features

- High-resolution 12-inch monochrome screen
- Antiglare screen and high-contrast display
- Tilt-adjustable screen (Apple Monochrome Monitor IIe only)
- Easy installation

## Benefits

- Displays crisp 80-column text and high-resolution graphics.
- Reduces eyestrain and fatigue, so you can work comfortably and productively on your computer for hours at a time.
- Lets you adjust the viewing angle for maximum comfort.
- Plugs right into the back of your computer, using the cable provided.