

Apple Monochrome Monitor: Specifications (Discontinued)

I. Technical Specifications

A. Picture Tube:

- 12-inch diagonal
- Phosphor EIA Type: P4 (White)
- High contrast
- When used with Apple IIGS applications that generate color, it displays up to 16 shades of gray.
- Anti-glare
- Text display: 80 columns by 24 lines

B. Input Signal:

- Composite synchronous negative 1.0 +/- 0.5 volts peak to peak, internally terminated with 75 ohm resistor.

C. Scanning Frequencies:

- System: NTSC/60 NTSC/50-PAL/50
1. Horizontal: 15.734 kHz 15.659 kHz
 2. Vertical: 60 Hz 50Hz

D. Video Bandwidth:

- Less than 3 DB down at 12 MHz.

E. Resolution:

1. Apple IIGS: 640 horizontal by 200 vertical pixels
2. Apple IIc: 560 horizontal by 192 vertical pixels

F. Active video display area:

- Adjusted at the factory to produce an active video area of 215 mm horizontal by 160mm vertical.
- Remainder of display area is used for border display area.

G. User Controls:

1. Power switch (right side)
2. Contrast (right side)
3. Brightness (back panel)
4. Vertical size (back panel)
5. Vertical hold (back panel)

H. Physical:

- | | <u>mm</u> | <u>inches</u> |
|------------|-----------|---------------|
| 1. Height: | 255 | 10 |
| 2. Width: | 310 | 12.3 |
| 3. Depth: | 375 | 14.3 |
| 4. Weight: | 8.8 kg | 18 pounds |

Apple Monochrome Monitor Specifications



I. Electrical

1. Power Requirements:

- Less than 20 watts under normal viewing conditions.
- 45 watts maximum.

2. Input Voltage:

<u>Operating Power</u>	<u>Model Range</u>	<u>Frequency</u>
a. 120 v	108-132	50-60 Hz
b. 220 v	198-242	50-60 Hz
c. 240 v	216-264	50-60 Hz

3. Fuse Protection:

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

4. Video Input Connector: RCA-style phono jack

J. Environmental (Operating):

	Degrees Celsius	Degrees Fahrenheit
1. Temperature (ambient):	0-50	32-122
2. Humidity:	90% maximum	
3. Altitude:	10,000 feet maximum	

II. Part number: A2M6016

III. System Configuration

- Apple IIGS
- Apple IIc