



Tech Info Library

Macintosh Classic II: Specifications (Discontinued)

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Security: Everyone

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TOPIC -----

This article gives technical specifications for the Macintosh Classic II computer.

DISCUSSION -----

Microprocessor

- MC68030, 32-bit architecture, 16 MHz clock speed

Memory

- The Classic II 2/40 comes with 2MB of RAM on the logic board and two memory expansion slots for SIMMs (Single In-line Memory Modules).
- The Classic II 4/80 comes with 2MB of RAM on the logic board and two 1MB SIMMs in the expansion slots.
- Expandable to 10MB of RAM by installing SIMMs in the available slots (dealer installation required).
- 512K of ROM

Disk Drives

- Built-in Apple SuperDrive 1.4MB floppy disk drive
- 1/3 height internal 40MB or 80MB Apple SCSI hard disk drive

Video display

- Built-in 9-inch diagonal, high-resolution (512 by 342 pixels) bitmapped

monochrome display

Interfaces

- One Apple Desktop Bus (ADB) port, supporting a keyboard, mouse, and other devices daisy-chained through a low-speed synchronous serial bus
- Two serial (RS-232/RS-422) ports, 230 kilobits per second maximum (up to 0.920 megabits per second if clocked externally)
- SCSI interface, using a 50-pin internal connector and a DB-25 connector for the first external device; all subsequent SCSI-based peripherals use standard SCSI-to-SCSI interface cables.
- 3.5-inch external floppy disk drive (800K or 1.4MB) interface
- Sound port for external audio amplifier or headphones
- Sound-in port for monaural sound input
- Internal connector for optional math coprocessor or ROM expansion

Keyboard

- ADB keyboard with numeric keypad
- Two-level tilt adjustment

Mouse

- Apple Desktop Bus Mouse, mechanical tracking, optical shaft or contact encoding: 90 to 110 pulses per inch (3.51 to 4.29 pulses per mm) of travel

Microphone

- Electret, omnidirectional; output voltage is 4 millivolts, peak to peak, at normal volume.

Sound Generator

- Monophonic 8-bit digital-analog conversion using 11- or 22-kilohertz sample rate, capable of driving stereo headphones or other stereo equipment through the sound jack

Clock/Calendar

- Custom chip with long-life lithium battery

Fan

- 10 cu. ft./min. axial

- Positive pressure cooling

Disability Access

- CloseView, Easy Access, and visible beep included with system software. These features and third-party options provide alternative input and output tools for people with disabilities.

Electrical Requirements

- Line voltage: 120 volts AC, RMS (nominal)
- Frequency: 47 to 63 Hz, single phase
- Power: 100 watts maximum

ADB Power Requirements

- Maximum current draw for all ADB devices: 500 milliamps (a maximum of three devices is recommended)
- Mouse draws 80 milliamps.
- Keyboard draws 25 milliamps.

Size and Weight

- Main unit
 - Height 13.2 inches (33.6 cm)
 - Width 9.7 inches (24.6 cm)
 - Depth 11.2 inches (28.5 cm)
 - Weight 16 to 17.1 lb. (7.3 to 7.8 kg)*
- Mouse
 - Height 1.1 inches (2.8 cm)
 - Width 2.1 inches (5.3 cm)
 - Depth 3.8 inches (28.5 cm)
 - Weight 6 oz. (.17 kg)
- Keyboard
 - Height 1.3 inches (3.3 cm)
 - Width 16.0 inches (40.5 cm)
 - Depth 5.9 inches (15.1 cm)
 - Weight 1.96 lb. (.89 kg)

Operating Environment

- Operating temperature: 50 to 104 degrees F (10 to 40 degrees C)
- Storage temperature: -40 to 116.6 degrees F (-40 to 47 degrees C)
- Relative humidity: 5% to 95% noncondensing

- Maximum altitude: 15,000 ft. (4,722 m)

* Weight is greater with internal hard disk.

Noise Level

< 40db measured from the seated operator position.

Support Information Services

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