



Tech Info Library

Performa 200: Specifications

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Article Change History

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- 04/05/93 - CORRECTED
 - But 4MB configuration still includes just 2MB on the board.
 - 01/19/93 - CORRECTED
 - Now ships in 4MB configuration.
 - 11/02/92 - REVISED
 - To correct system software version number

TOPIC -----

This article provides technical specifications for the Macintosh Performa 200 computer.

DISCUSSION -----

Microprocessor

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

Memory

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- The Performa 200 comes with 2MB of RAM on the logic board and two memory expansion slots for SIMMs (Single In-line Memory Modules), which are initially filled with 2 1MB SIMMs for a total of 4MB.
 - Expandable to 10MB of RAM by installing SIMMs in the available slots (dealer installation required).
 - 512K of ROM
 - Virtual Memory capable

Disk Drives

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

- Optional external Apple SCSI hard disk drive(s)

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

Keyboard

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

Mouse

- Apple Desktop Bus (ADB) 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

System Software

At introduction, the Performa 200 ships with System Software version 7.0.1P. This version has all the functionality and power of System 7.0.1, with special enhancements for first-time users:

- Application Launcher. Provides easy location and launching of all applications while retaining full Finder access.
- Default Document Folder. Provides a default location for storing documents.
- Layer Hiding. Provides easier navigation by hiding non-active layers. Users can easily switch to the Finder or to another program from the application menu.
- At Ease. Lets adults share the Performa 200 with others, and makes it easy for children to launch applications -- while protecting the hard disk.
- Backup & Restore. An easy way to create a set of back-up disks, and to restore the contents of the hard disk if necessary.

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 17.1 lb. (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)

Noise Level

< 40db measured from the seated operator position.
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