Macintosh Performa 5400/180: Specifications (10/96)

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TOPIC ---

This article contains the technical specifications for the Macintosh Performa
5400/180 computer.

IMPORTANT: This computer is only available for sale outside of the United
States.

DISCUSSION --

Microprocessor
==============
* PowerPC 603e processor running at 180 MHz
* 32K internal cache
* Integrated floating-point unit
* 64-bit memory bus
* Optional High Performance Module (256K level 2 cache)

Memory
======
* Comes with 16MB of RAM (uses one DIMM socket)
* Can be expanded to 136MB using two 64MB DIMMs
* Uses 64-bit-wide, 168-pin, 70-nanosecond or faster, fast-paged-mode DIMMs (1K
and 2K refresh rate)

Disk drives
===========
* Internal 1.6GB hard disk drive
* Internal Apple SuperDrive floppy disk drive
  - Uses high-density, 1.4MB floppy disks
  - Reads, writes, and formats Macintosh, Windows, MS-DOS, OS/2, and ProDOS
disks
* Internal 8x-speed CD-ROM drive

Display
=======
Built-in display
----
* 15-in. RGB color display (12.8-in. diagonal viewable image size)
* 0.28-mm dot pitch

* Noninterlaced, flat, square cathode-ray tube (CRT)
* User-adjustable resolutions from 640 by 480 pixels to 1,024 by 768 pixels
* Resolution can be changed without restarting the computer
* Refresh rate up to 75 Hz
* Built-in base tilts from –5° to +15°, swivels a full 360°
* Meets SWEDAC MPR2 international guidelines for magnetic-field emissions

Display support
----
* 16-bit color for display of up to 32,768 colors at 640- by 480-pixel or 800-
by 600-pixel resolution
* 8-bit color for display of 256 colors at 832- by 624-pixel or 1,024- by
768-pixel resolution
* 1 MB video frame buffer (independent of system RAM)

Built-in modem
==============
* 28.8-Kbit/s, V.34, data/fax/voice modem
* Works with supplied software to provide answering machine capability
* Built-in error correction and compression (MNP4, V.42, MNP5, V.42bis)

Sound
=====
* Stereo 16-bit sound
* Built-in stereo speakers
* Built-in microphone
* Sound-output port
* Sound-input port
* Front headphone jack and volume control
* Apple sound enhancements, including SRS 3D surround sound

Expansion interfaces
====================
* PCI expansion slot for industry-standard 6.88-in., 15-watt expansion cards
* Apple Desktop Bus port for mouse, keyboard, and other devices (multiple
devices can be connected to each other from one port)
* RS-232/RS-422 serial port for an AppleTalk network connection, other
networking connections, communi-cations equipment (including GeoPort-compatible
devices), or a printer
* SCSI interface port for as many as six external SCSI devices, such as disk
drives and/or CD-ROM drives
* Optional video-out port for connection to an external monitor for video
mirroring (also supports connec-tion to an NTSC or PAL video-out interface box,
such as the Apple Presentation System)
* Communications slot (used by the built-in 28.8-Kbit/s data/fax/voice modem)
* Video slot (used by the Apple Video System to connect a VCR, video camera, or
other video equipment; supports both composite and S-video input)
* TV tuner slot (used by the Apple TV/FM Radio System)

Electrical requirements
=======================
* Line voltage: 110 to 240 V AC, RMS, single phase, nominal
* Frequency: 50 to 60 Hz

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* Power: 220 W maximum (continuous)
* Includes low-power sleep mode
* U.S. EPA Energy Star compliant


Size and weight
===============
* Height: 17.5 in. (44.5 cm)
* Width: 15.1 in. (38.3 cm)
* Depth: 16 in. (40.6 cm)
* Weight: 47 lb. (21 kg)


Operating environment
=====================
* Operating temperature: 50° to 104° F (10° to 40° C)
* Storage temperature: -40° to 116° F (-40° to 47° C)
* Relative humidity: 5% to 95%, noncondensing
* Maximum altitude: 10,000 ft. (3,048 m)


Disability access
=================
* CloseView software magnifies screen image up to 16 times
* Easy Access software permits combination keys to be pressed sequentially and
enables cursor control from the numeric keypad instead of the mouse
* "Visual beep" replaces audible system alerts



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