



# Tech Info Library

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

Revised: 10/24/96  
Security: Everyone

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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

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- \* 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

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- \* 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

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- \* 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

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Built-in display

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- \* 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

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- \* 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

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- \* 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

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- \* 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

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- \* 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, communications 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 connection 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

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\* Line voltage: 110 to 240 V AC, RMS, single phase, nominal

\* Frequency: 50 to 60 Hz

\* Power: 220 W maximum (continuous)

\* Includes low-power sleep mode

\* U.S. EPA Energy Star compliant

#### Size and weight

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\* 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

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\* 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

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\* 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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