



# Tech Info Library

## Power Macintosh 5400/180: Specifications (11/96)

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TOPIC -----

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

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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- \* Two DIMM expansion slots
- \* Comes with 16 MB of RAM (uses one DIMM socket)
- \* Can be expanded to 136 MB using two 64 MB DIMMs
- \* Uses 64-bit-wide, 168-pin, 70-nanosecond or faster, fast-paged-mode DIMMs (1K or 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

### 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 832 by 624 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 resolution
  - \* 1 MB video frame buffer (independent of system RAM)

#### Sound

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

#### Expansion interfaces

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- \* 10BASE-T Ethernet connector
  - \* 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
  - \* Communications slot (used by the built-in Ethernet connector)
  - \* TV/FM radio expansion bay
  - \* Video-output 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)
  - \* Video-input connector (Apple Video System) for receiving video input from a VCR, video camera, or other video equipment; supports both composite and S-video input

Note: The Apple Video System is only included with some configurations of the Power Macintosh 5400/180 computer.

#### 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

#### Electrical requirements and compliance

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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 degrees F (10 to 40 degrees C)
- \* Storage temperature: -40 to 116 degrees F (-40 to 47 degrees C)
- \* Relative humidity: 5% to 95%, noncondensing
- \* Maximum altitude: 10,000 ft. (3,048 m)

#### Article Change History:

- 11 Nov 1996 - Clarified DIMM expansion slots.
- 31 Oct 1996 - Changed distribution status.

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