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

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Revised:        11/15/96
Security:       Everyone


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TOPIC ----------------------------------------------------------


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


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
======
* 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
===========
* 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
----------------
* 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
---------------
* 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
=====
* 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
====================
* 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.
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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
======================================
* 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
===============
* 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 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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