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Power Macintosh 5500/225: Technical Specifications (2/97)

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Revised:        2/13/97
Security:       Everyone


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

This article contains the technical specifications for the Power Macintosh
5500/225 computer.


DISCUSSION ------------------------------------------------------

Microprocessor
==============
* PowerPC 603ev processor running at 225 MHz
* Integrated floating-point unit
* 50-MHz, 64-bit bus
* 32K internal cache
* 256K level 2 cache


Memory
======
* Two DIMM expansion slots, no RAM on logic board
* Includes 32 MB of memory
* Can be expanded to 128 MB
* Uses 64-bit-wide, 168-pin, EDO DIMMs (1K or 2K refresh)


Disk drives
===========
* Internal 2.0 GB IDE 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 AppleCD 12x drive


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 degrees, swivels a full 360 degrees
* Meets SWEDAC MPR2 international guidelines for magnetic-field emissions

Graphics support
----
* 2 MB synchronous graphics RAM (SGRAM) frame buffer on the logic board.
* Video display modes supported on built-in monitor port: 640 by 480, 800 by
600, and 832 by 624 at 32 bits per pixel; 1024 by 768 and 1152 by 870 at 16 bits
per pixel; 1280 by 1024 at 8 bits per pixel
* Built-in 2D and 3D hardware graphics acceleration.

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
====================
* 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

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)

Configurations
==============
Power Macintosh 5500/225

Order No. M5761LL/A
Computer with 225-MHz PowerPC 603ev processor, 32 MB of RAM, 256K level 2 cache, built-in Ethernet, 2.0 GB hard disk drive, 12x-speed CD-ROM drive, 1.4 MB floppy disk drive, and Apple Video System.

Article Change History:
13 Feb 1996 - Changed distribution status.

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