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

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TOPIC -----

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

DISCUSSION -----

Microprocessor

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

Memory

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- * 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

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- * 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

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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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- * 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

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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

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)

Configurations

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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.

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