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Power Macintosh 6500/225 & 6500/250: Specifications (4/97)

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Security: Everyone

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TOPIC -----

This article contains the technical specifications for Power Macintosh 6500/225 and 6500/250 series computers.

DISCUSSION -----

Microprocessor

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- * PowerPC 603ev processor running at 225 MHz (Power Macintosh 6500/225)
- * PowerPC 603ev processor running at 250 MHz (Power Macintosh 6500/250)
- * 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 (Power Macintosh 6500/225)
- * Internal 3.0 GB IDE hard disk drive (Power Macintosh 6500/250)
- * 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
- * Internal Iomega Zip Drive (each cartridge can hold 100 MB)

Sound

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- * Stereo 16-bit sound
- * SRS surround-sound enhancement
- * Subwoofer speaker
- * Sound-input port (for an Apple PlainTalk microphone, other microphone, or standard mini-plug audio cable)
- * Sound-output port
- * Front headphone jack and volume control

Interfaces

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- * SCSI interface port for connecting as many as five external SCSI devices, such as disk drives, CD-ROM drives, and scanners (multiple devices can be connected to each other from one port)
- * Pre-cabled SCSI expansion bay for additional 5.25-inch internal SCSI device
- * Apple Desktop Bus port for mouse, keyboard, and other devices (multiple devices can be connected to each other from one port)
- * Two serial ports (RS-232/RS-422) for an AppleTalk network connection, other network connections, communications equipment (including GeoPort compatible devices), or a printer
- * Video-output port
- * Two PCI expansion slots (require PCI cards that come with a Macintosh driver and are PCI 2.0-compliant; NuBus cards cannot be used in these slots)
- * Communications (Comm II) slot for a 28.8-Kbit/s modem (used by included Ethernet Card))
- * Video input slot for Apple Video System (supports NTSC, PAL, and SECAM video formats) (Apple Video System included with Power Macintosh 6500/250)
- * Expansion bay for optional Apple TV/FM Radio System
- * Infrared receiver for remote control (provided with Apple TV/FM Radio System)

Graphics support

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- * 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
- * Built-in 2D and 3D hardware graphics acceleration.

Electrical requirements and compliance

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- * Line voltage: 90-130 volts (V) or 180-264 V alternating current (AC), RMS single phase. The computer's voltage needs to be configured manually.
- * Frequency: 47 to 63 Hz
- * Power: 140 watts (W) maximum continuous input power

Size and weight

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- * Height: 16 in. (40.6 cm)
- * Width: 7.8 in. (19.8 cm)
- * Depth: 16.9 in. (42.8 cm)

* Weight: 44.5 lb. (20.18 kg)

Operating environment

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- * Operating temperature: 50 to 97 degrees F (10 to 35 degrees C)
- * Storage temperature: -40 to 116.6 degrees F (-40 to 47 degrees 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 alertss

Configurations

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Power Macintosh 6500/225

Order No. M5606LL/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, Zip drive, 12x-speed CD-ROM drive, and 1.4 MB floppy disk drive.

Power Macintosh 6500/250

Order No. M5607LL/A

Computer with 250-MHz PowerPC 603ev processor, 32 MB of RAM, 256K level 2 cache, built-in Ethernet, 3.0 GB hard disk drive, Zip drive, 12x-speed CD-ROM drive, 1.4 MB floppy disk drive, and Apple Video System.

Article Change History:

- 28 Apr 1997 - Updated graphic support info.
- 13 Feb 1997 - Changed distribution status.

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