Power Macintosh 6500/225 & 6500/250: Specifications (2/97)

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TOPIC ---

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

DISCUSSION --

Microprocessor
==============
* 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
======
* 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 (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
=====
* 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
==========
* 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
===============
* 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.

Electrical requirements and compliance
======================================
* 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
===============
* 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
=====================
* 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
=================
* 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
==============
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.

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