



Macintosh Performa 6400/180

Features

High performance

- 180-MHz PowerPC 603e processor
- Internal fax modem supports speeds up to 28.8-Kbit/s data and 14.4-Kbit/s electronic fax send/receive as well as speakerphone and digital answering machine capabilities
- Built-in 8x-speed, tray-loading CD-ROM drive

Rich multimedia

- Support for up to 32,768 colors and monitors up to 17 inches (diagonal measurement)
- 16-bit CD-quality stereo sound with SRS surround sound and integrated subwoofer

Expandability and flexibility

- Two industry-standard PCI expansion slots for 6.88-inch cards
- Support for up to five external SCSI devices, such as hard disk drives and scanners
- SCSI expansion bay for additional internal storage device
- Optional Apple TV/FM Radio System, Avid Cinema, and PC Compatibility Card

Ease of use

- Macintosh System 7.5 software, including Apple Guide software for step-by-step help with basic system operation
- Apple Internet Connection Kit software for quick, easy access to global resources, including the World Wide Web
- Plug-and-play installation of expansion cards, storage devices, scanners, printers, digital cameras, and other accessories

Preinstalled software

Macintosh System 7.5, ClarisWorks, Apple Internet Connection Kit, America Online, Adobe Photo Deluxe, Web Workshop, At Ease, MacLinkPlus and Easy Open Translators, Quicken Special Edition, MegaPhone for Performa, NOW TouchBase and DateBook Pro, The American Heritage Dictionary, Click Art Performa Collection, MacGallery Clip Art Treasure Pak, SurfWatch, and DOGZ Adoption Kit

CD-ROM titles

Descent, The Grolier Multimedia Encyclopedia, Our Times, 3D Atlas, Mayo Clinic Family Health, Amazing Writing Machine, The American Heritage Children's Dictionary, Club KidSoft CD, Blockbuster Guide to Movies and Videos, and Thinkin' Things Collection 2

Software titles may vary and may be modified versions of commercially available products.

The Apple Macintosh Performa 6400/180 is one of the most powerful, expandable, and easy-to-use multimedia computers you can get for your home. Continuing Apple's multimedia leadership, its robust features and high-quality pre-installed software make it an ideal system on which your whole family can learn, create, and communicate.

A state-of-the-art RISC-based PowerPC 603e processor running at up to 180 megahertz delivers the performance you need to run an abundance of powerful multimedia applications.

The Performa 6400/180 computer also includes a host of features. A built-in 8x-speed CD-ROM drive delivers smooth video and audio. A 64-bit video architecture and 1 megabyte of video memory provide high-quality video and realistic graphics on monitors up to 17 inches (diagonal measurement) in size. The system also features 16-bit CD-quality stereo input and output, SRS surround sound, and a subwoofer speaker—a combination that will add a whole new audio dimension to your multimedia experience.

With 16 megabytes of RAM (expandable to 136 megabytes), the Macintosh Performa 6400/180 has the memory to run powerful multimedia applications. And its 1.6-gigabyte hard drive gives you all the storage you'll need for a long time to come.

For connecting to the Internet, the Performa 6400/180 offers easy access either through America Online (in the United States) or directly through the Apple Internet Connection Kit, which features Netscape Navigator software. And with the built-in 28.8-kilobit-per-second modem,* exchanging e-mail and browsing the World Wide Web can be fast.

If you need compatibility with MS-DOS or Windows software-based computers, a Performa 6400/180 system gives you several choices. You can share floppy disks and files by using Macintosh PC Exchange and Macintosh Easy Open software (both included). SoftWindows from Insignia Solutions (available separately) lets you run Windows applications right on your Performa system. For the ultimate in compatibility, Apple's optional PC Compatibility Card puts a 100-megahertz 586-class processor right in your computer.

The Macintosh Performa 6400/180 computer: High-performance multimedia for your home.

* Fax speeds up to 14.4 Kbit/s, data speeds up to 28.8 Kbit/s





Macintosh Performa 6400/180

Ordering Information

Macintosh Performa 6400/180

Order No. M5167LL/A
Computer with 180-MHz PowerPC 603e processor, 28.8-Kbit/s modem*, 1.6GB hard disk drive, 8x-speed CD-ROM drive, and 1.4MB floppy disk drive. Mouse, keyboard, and cables also included.

Optional Enhancements

High Performance Module (256K level 2 cache)

Order No. M4505LL/A
(Included with 200-MHz models of the Performa 6400 series)

Apple Video System

Order No. M2894LL/D

Apple TV/FM Radio System

Order No. M4586LL/A

Apple Presentation System

Order No. M2895LL/A

Apple External Video Connector

Order No. M4099LL/D

PC Compatibility Card (with 586-class processor)

Order No. M4091LL/A

Avid Cinema

Order No. M4561LL/A
(Requires the Apple Video System)

Product specifications are subject to change. Check with your Apple reseller for the most current information about product specifications and configurations.

* Fax speeds up to 14.4 Kbit/s, data speeds up to 28.8 Kbit/s

Technical Specifications

Microprocessor

- PowerPC 603e processor running at 180 MHz
- Integrated floating-point unit
- 40-MHz, 64-bit bus
- 32K internal cache

Memory

- Comes with 16MB of RAM (8MB on logic board and 8MB in one DIMM socket)
- Can be expanded to 136MB
- Uses 64-bit-wide, 168-pin, noncomposite, 70-nanosecond or faster DIMMs (1K or 2K refresh)

Disk drives

- Internal 1.6GB 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 8x drive

Modem

- 28.8-Kbit/s data/voice/fax modem*
- Built-in error correction and compression (MNP4, V.42, MNP5, V.42bis)

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 built-in modem*)
- Video input slot for optional Apple Video System (supports NTSC, PAL, and SECAM video formats)
- Expansion bay for optional Apple TV/FM Radio System
- Infrared receiver for remote control (provided with Apple TV/FM Radio System)

Display support

- 1MB of video RAM
- 16-bit color for display of up to 32,768 colors on monitors using 640- by 480-pixel or 800- by 600-pixel resolution
- 8-bit color for display of 256 colors on monitors using 832- by 624-pixel or 1,024- by 768-pixel resolution

Electrical requirements and compliance

- Line voltage: 100 to 125/200 to 240 V AC, RMS, single phase
- Frequency: 47 to 63 Hz
- Power: 220 W maximum (continuous)
- Includes low-power sleep mode
- U.S. EPA Energy Star compliant

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° F (10° to 35° C)
- Storage temperature: -40° to 116.6° F (-40° to 47° 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 alerts



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