



# Power Macintosh 8600/200

## Features

### High performance

- 200-MHz PowerPC 604e processor
- Built-in floating-point processor and 64K cache
- 256K level 2 cache on a DIMM
- Built-in graphics acceleration

### Communications and multimedia

- 64-bit VRAM graphics subsystem
- Two high-speed serial ports compatible with GeoPort devices and LocalTalk cables
- 12x-speed CD-ROM drive
- 16-bit stereo audio input and output
- 24-bit composite and S-video input and output
- Support for speech-recognition and text-to-speech capabilities
- Optimized for QuickTime Conferencing software

### Upgradability/Expandability

- Built-in Iomega Zip drive
- Removable processor card allows easy upgrades\*
- Three industry-standard PCI expansion slots
- SCSI connector for hard disks, CD-ROM drives, and other SCSI devices
- Internal expansion bays for additional storage devices (3.5-inch and 5.25-inch)

### Compatibility

- Includes 10BASE-T and AAUI Ethernet connectors
- Supports Open Transport networking software (TCP/IP and AppleTalk)
- Runs 680x0 Macintosh applications as well as applications accelerated for Power Macintosh computers
- Reads Mac OS, Windows, MS-DOS, OS/2, and ProDOS floppy disk formats
- Runs MS-DOS and Windows applications via either of two optional PC Compatibility Cards from Apple
- Comes with all of the software required for Internet access

### System 7.5.5 software

- Makes working with different applications consistent, so they're easier to learn and use
- Allows easy customization of your Macintosh to reflect the way you work
- Provides active assistance in learning new features with Apple Guide
- Includes MacLinkPlus file translation software from DataViz

If your profession demands a high-performance, expandable computer that's optimized to make complex work easy, choose the Power Macintosh 8600/200 system. This high-performance computer includes built-in video-in and video-out capabilities in an innovative new design. It includes features that make it an ideal choice for in-house publishing, media authoring, and technical applications. And because its processor is mounted on a removable card for easy and affordable upgrade to faster processor cards\* (as available), you can protect your investment for the future.

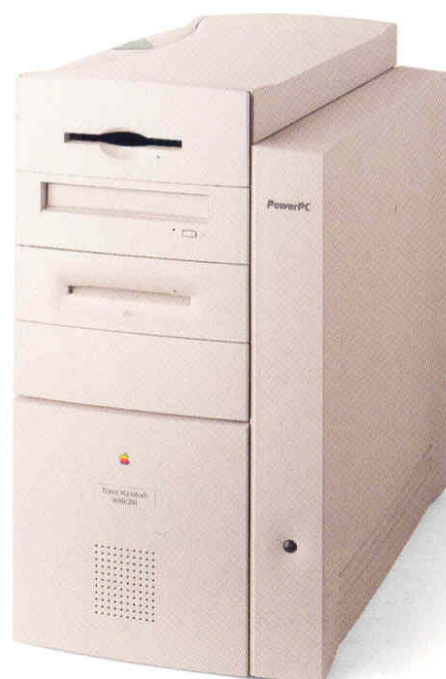
The new tower design of the Power Macintosh 8600/200 provides incredibly easy system access for upgrades, new security features, and a built-in Iomega Zip drive for fast, easy storage or backup. In addition, built-in near-broadcast-quality video-input/output capabilities, high-resolution graphics, an AV-capable hard disk drive, a 12x-speed CD-ROM drive, and CD-quality stereo sound add vitality to professional projects and—with Apple's QuickTime software—make media authoring easy.

The three industry-standard Peripheral Component Interconnect (PCI) high-performance expansion slots on this system let you customize it easily to meet your needs more precisely. You can find PCI cards for a variety of uses, including graphics, storage, and high-speed networking. And if you want to use

your Power Macintosh 8600/200 to run MS-DOS and Windows applications as well as software written for the Macintosh, you can install a PC Compatibility Card from Apple in one of the PCI slots—and switch instantly between computing environments. In addition, connecting your Power Macintosh 8600/200 computer to an Ethernet network is easy, because it includes both AAUI and 10BASE-T connectors.

Today, more and more computer users are discovering the wealth of information and communications resources and opportunities offered by the Internet. The Power Macintosh 8600/200 makes it easy to get involved in this rapidly expanding community, because it comes with all the software you need for easy Internet access.

The Power Macintosh 8600/200: Exceptional performance for media authoring or any work with video, audio, or graphics—to enhance your creativity.



*\*Capable of accepting processor upgrades at such time as upgrade products may become available from Apple Computer, Inc. or third-party manufacturers.*





# Power Macintosh 8600/200

## Ordering Information

### Power Macintosh 8600/200

Order No. M5453LL/A

- Power Macintosh 8600/200 computer with 32MB of RAM, a built-in 1.4MB Apple SuperDrive floppy disk drive, an internal 2GB high-performance hard disk drive, an internal 12x-speed CD-ROM drive, an internal Iomega Zip drive, and a PlainTalk microphone. Includes keyboard and mouse; system software version 7.5.5 or later; Internet access software; complete setup, learning, and reference documentation; and limited warranty.

### PC Compatibility Card Solutions

Order No. M4092LL/A

- PC Compatibility Card with 100-MHz Pentium processor

Order No. M4091LL/C

- PC Compatibility Card with 100-MHz 586 processor

### GeoPort Telecom Adapter Kit

Order No. M5438LL/A

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

## Technical Specifications

### Processor

- 200-MHz PowerPC 604e microprocessor
- Integrated floating-point unit, 64K cache, and three integer units
- Processor mounted on a removable card for easy upgrades

### Memory

- 32MB of RAM, expandable to 512MB via 8 DIMM sockets
- 4MB of ROM
- 256K level 2 cache on DIMM socket

### Disk drives

- Internal 2GB SCSI hard disk
- Internal Apple SuperDrive floppy disk drive
  - Accepts high-density 1.4MB disks and 800K disks
  - Reads, writes, and formats Macintosh, Windows, MS-DOS, OS/2, and ProDOS disks
- Internal 12x-speed CD-ROM drive
- Integrated Iomega Zip drive for fast, easy storage or backup
- Expansion bays for additional storage devices—four 5.25-inch removable bays, three internal bays (open bays vary with configurations)

### Interfaces

- Three PCI expansion slots compatible with PCI 2.0-compliant cards
- Two high-speed DMA serial (RS-232/RS-422) ports compatible with LocalTalk cables and GeoPort devices
- 10BASE-T and AAUI-15 Ethernet connectors; optional PC Compatibility Cards provide multinode support for simultaneous network connections
- Internal Fast SCSI bus (up to 10MB/s)
- External SCSI bus (up to 5MB/s)
- Apple Desktop Bus (ADB) expansion port
- RCA phono jacks for line-level stereo audio input and output
- Mini jacks for stereo audio input and output
- All sound ports support 16-bit audio and up to 44.1-kHz sampling rate
- DB-15 connector for monitor
- Composite connectors (RCA phono jacks) for composite video input and output
- S-video input and output connectors
- Internal digital audio/video (DAV) connector for video compression/decompression cards

### Video capabilities

- 24-bit video input
  - Real-time video playthrough of up to 640 by 480 pixels with NTSC; 768 by 576 pixels with PAL and SECAM
  - Up to 320- by 240-pixel capture up to 25 frames per second with NTSC (with 2GB drive)
  - Maximum capture size of 640 by 480 pixels with NTSC
- 24-bit video output
  - Support for NTSC and PAL
  - Convolution for flicker reduction at all bit depths

### Graphics support

- 2MB of VRAM, expandable to 4MB via four connectors
- Fast 64-bit data path to VRAM
- Support for display resolutions of up to 1,280 by 1,024 pixels
- 24-bit color up to 1,152- by 870-pixel resolution
- Refresh rate of up to 75 Hz

### GeoPort telephony support\*

- 28.8-Kbit/s modem support
- V.17 fax support
- Speakerphone and answering-machine capability

### Clock/calendar

- Custom integrated circuit with long-life battery

### Keyboard and mouse

- Includes Apple keyboard and ADB Mouse II

### Electrical requirements

- Line voltage: 100 to 240 V AC, RMS single phase, automatically configured
- Frequency: 50 to 60 Hz, single phase
- Power: 390 W maximum, not including display

### ADB power requirements

- Maximum current draw for all ADB devices: 500 mA (a maximum of three ADB devices is recommended)
- Mouse draws 10 mA
- Keyboard draws 25 to 80 mA (varies with keyboard used)

### Size and weight

- Height: 17.3 in. (44.0 cm)
- Width: 9.7 in. (24.6 cm)
- Depth: 17.3 in. (44.0 cm)
- Weight: 35.0 lb. (15.9 kg)

### Environmental requirements

- Operating temperature: 50° to 104° F (10° to 40° C)
- Storage temperature: -40° to 116° F (-40° to 47° C)
- Relative humidity: 5% to 95% noncondensing
- Maximum altitude: 10,000 ft. (3,048 m)

\*Requires GeoPort Telecom Adapter Kit

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