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

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