



# Power Macintosh 9500/200 and 9500/180MP

DISCONTINUED

## Features

### High performance

- One 200-MHz PowerPC 604e processor or two 180-MHz PowerPC 604e processors
- Built-in floating-point processor and 64K cache
- 512K level 2 cache

### Communications and multimedia

- Two high-speed serial ports compatible with GeoPort and LocalTalk cables
- 8x-speed CD-ROM drive
- 16-bit stereo audio input and output
- Support for speech-recognition and text-to-speech capabilities

### Expandability

- Six industry-standard PCI expansion slots
- Dual-channel SCSI connector for hard disks, CD-ROM drives, and other SCSI devices
- One internal expansion bay for an additional hard disk drive

### 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 optional PC Compatibility Cards
- Comes with all of the software required for Internet access

### System 7.5 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

The Apple Power Macintosh 9500/180MP and 9500/200 computers are at the top of the line in speed, performance, and expandability, which is tremendous news for publishers, engineers, and multimedia professionals.

The Power Macintosh 9500/180MP computer represents a new arena for Apple; a multiprocessor system with two 180-megahertz PowerPC 604e chips, which provides simple, but powerful performance improvements for applications that take advantage of its multiprocessing capabilities. And the Power Macintosh 9500/200 is simply our fastest Apple Macintosh computer, featuring a 200-megahertz PowerPC 604e processor. With six expansion slots that support the industry-standard, high-performance Peripheral Component Interconnect (PCI) architecture, these two systems are also the most customizable Macintosh computers in history. PCI technology offers low-cost cards for such uses as videoconferencing, video production, and high-speed networking.

Power Macintosh 9500/180MP and 9500/200 systems feature an 8x-speed CD-ROM drive for easy, fast access to CD-ROM-based materials. They run all applications written for 680x0-based Macintosh computers, as well as applications for the Mac OS that have been accelerated to take advantage of PowerPC processor technology. In addition, a number of noted developers of graphics, video, and scientific/technical applications

for the Mac OS are revamping their products specifically to take advantage of the multiprocessing capabilities of the Power Macintosh 9500/180MP. These capabilities can provide significant performance improvements in processor-intensive applications such as video-editing and 3D modeling. And if you want to run MS-DOS and Windows applications, you can install a PC Compatibility Card from Apple in one of the system's many PCI slots—and switch instantly between the computing environments.

On the communications front, these computers support both 10BASE-T and AAUI Ethernet connection. And they include all of the software you need for easy Internet access.

So whether you're involved in publishing, engineering, or multimedia—or simply want the most powerful, customizable Macintosh computer ever—one of the Power Macintosh 9500 systems is sure to meet your needs.





# Power Macintosh 9500/200 and 9500/180MP

## Ordering Information

### Power Macintosh 9500/180MP

Order No. M5399LL/A

- Power Macintosh 9500/180MP computer with 32MB of RAM, a built-in 1.4MB Apple SuperDrive floppy disk drive, an internal 2GB hard disk drive, an internal 8x-speed CD-ROM drive, and a PlainTalk microphone. Includes mouse; system software version 7.5.3 or later; Internet access software; complete setup, learning, and reference documentation; and limited warranty.

### Power Macintosh 9500/200

Order No. M5397LL/A

- Power Macintosh 9500/200 computer with 32MB of RAM, a built-in 1.4MB Apple SuperDrive floppy disk drive, an internal 2GB hard disk drive, an internal 8x-speed CD-ROM drive, and a PlainTalk microphone. Includes mouse; system software version 7.5.3 or later; Internet access software; complete setup, learning, and reference documentation; and limited warranty.

### Power Macintosh 9500/200

Order No. M5389LL/A

- Power Macintosh 9500/200 computer same as above (order no. M5397LL/A) except with 16MB of RAM.

## PC Compatibility Card Solutions

### PC Compatibility Card with Pentium 100-MHz processor

Order No. M4092LL/A

### PC Compatibility Card with 586 100-MHz processor

Order No. M4091LL/A

### Apple QuickDraw 3D Accelerator Card

Order No. M4333LL/A

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

## Technical Specifications

### Microprocessor

- One 200-MHz PowerPC 604e processor or two 180-MHz PowerPC 604e processors
- Integrated floating-point unit and 64K cache
- High-speed system bus (up to 50 MHz)

### Memory

- 16MB or 32MB of RAM, expandable to 768MB via 12 DIMM sockets
- 4MB of ROM
- 512K level 2 cache

### Disk drives

- Internal 2GB Fast 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 8x-speed CD-ROM drive
- One expansion bay for an additional 3.5-inch hard disk

### Interfaces

- Six PCI expansion slots compatible with PCI 2.0-compliant cards
- Two high-speed DMA serial (RS-232/RS-422) ports compatible with LocalTalk and GeoPort cables
- 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
- 16-bit stereo sound input and output ports
- DB-15 connector for monitor (on accelerated graphics card)

### Graphics support

#### (configured through accelerated graphics card)

- 2MB of VRAM, expandable to 4MB
- 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\*

- 14.4-Kbit/s modem support
- V.17 fax support
- GeoPort Fax and GeoPort Telephony software included
- Speakerphone and answering-machine capability

### Clock/calendar

- Custom integrated circuit with long-life battery

### Keyboard and mouse

- Supports ADB keyboards with numeric keypads
- Comes with an ADB Mouse II

### Electrical requirements

- Line voltage: 100 to 125/200 to 240 V AC, RMS single phase, automatically configured
- Frequency: 50 to 60 Hz, single phase
- Power: 225 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: 16.9 in. (43.0 cm)
- Width: 7.7 in. (19.6 cm)
- Depth: 15.75 in. (40.0 cm)
- Weight: 28 lb. (12.7 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

## Apple Computer, Inc.

1 Infinite Loop  
Cupertino, CA 95014  
(408) 996-1010  
<http://www.apple.com/>

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