



Power Macintosh 8500 Series

Features

High performance

- 132- or 150-MHz PowerPC 604 processor, user-upgradable to a faster processor when available (up to 200 MHz)
- Built-in floating-point processor and 32K cache
- 256K level 2 cache
- Built-in graphics acceleration

Communications and multimedia

- 64-bit VRAM graphics subsystem
- Two high-speed serial ports compatible with GeoPort and LocalTalk cables
- Quadruple-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

Expandability

- Three industry-standard PCI expansion slots
- SCSI connector for hard disks, CD-ROM drives, and other SCSI devices
- Internal expansion bay for 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

If your profession demands a high-performance, expandable computer that can handle any media as easily as text, opt for a Power Macintosh 8500 series system. Depending on your current budget and need for power, you can choose the Power Macintosh 8500/132 or the 8500/150, which feature a 132- or a 150-megahertz PowerPC 604 RISC processor, respectively. Both high-performance systems make an ideal choice for in-house publishing, media authoring, and technical applications—and because they're processor upgradable, they protect your investment for the future.

Built-in near-broadcast-quality video-input/output capabilities, high-resolution graphics, and CD-quality stereo sound add vitality to professional projects and—with Apple's QuickTime software—make media authoring easy.

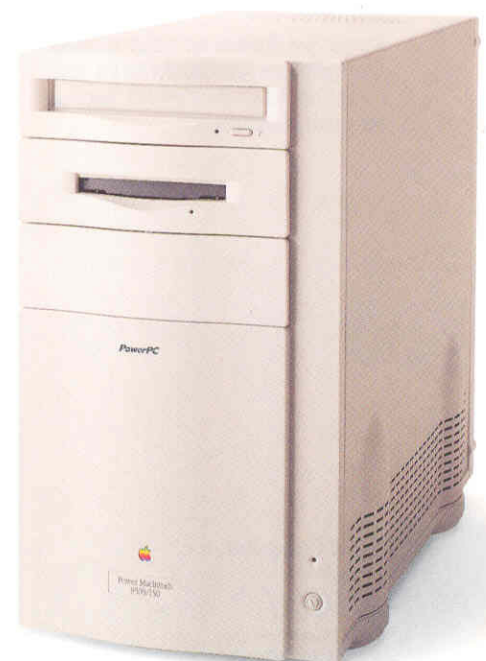
You can also customize these computers easily to more precisely meet your needs, through their three industry-standard Peripheral Component Interconnect (PCI) expansion slots. You can find many PCI cards for a variety of uses, including video compression, video production, and high-speed networking. And if you want to use your Power Macintosh 8500 series

computer to run MS-DOS and Windows applications as well as software written for the Macintosh, you can install an Apple PC Compatibility Card in one of the system's PCI slots—and switch instantly between the two computing environments.

Connecting your Power Macintosh 8500/132 or 8500/150 computer to an Ethernet network is easy, because it includes both AAUI and 10BASE-T connectors. With an optional PC Compatibility Card, you can connect both the card and Power Macintosh to a network simultaneously.

Today, more and more computer users are discovering the wealth of information, communications resources, and opportunities offered by the Internet. Power Macintosh 8500 systems make it easy to get involved in this rapidly expanding community, because they come with all of the software you need for easy Internet access.

The Power Macintosh 8500/132 and 8500/150: exceptional performance for handling any media as easily as text to enhance your creativity.





Power Macintosh 8500 Series

Ordering Information

Power Macintosh 8500/132

- Power Macintosh 8500/132 computer with 16MB of RAM, a built-in 1.4MB Apple SuperDrive floppy disk drive, an internal 1.2GB hard disk drive, an internal quadruple-speed CD-ROM drive, and a PlainTalk microphone

Power Macintosh 8500/150

- Power Macintosh 8500/150 computer with 16MB of RAM, a built-in 1.4MB Apple SuperDrive floppy disk drive, an internal 2GB hard disk drive, an internal quadruple-speed CD-ROM drive, and a PlainTalk microphone

All configurations include mouse; system software version 7.5.3 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 Pentium 100-MHz processor

Order No. M4091LL/A

- PC Compatibility Card with 586 100-MHz processor

Power Macintosh GeoPort Telecom Adapter

Order No. M3127LL/C

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

Upgradable microprocessor

- PowerPC 604 microprocessor running at 132 MHz or 150 MHz, upgradable to a higher-speed processor when available (up to 200 MHz)
- Integrated floating-point unit, 32K cache, and three integer units
- High-speed system bus (up to 50 MHz)

Memory

- 16MB of RAM, expandable to 512MB via 8 DIMM sockets
- 4MB of ROM
- 256K level 2 cache

Disk drives

- Internal 1.2GB or 2GB high-performance 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 AppleCD 600i quadruple-speed CD-ROM drive
- Expansion bay for additional 3.5-inch hard disk

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 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
- 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 input/output subsystem

- 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
- 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*

- 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 and compliance

- Line voltage: 100 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 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: 14 in. (35.6 cm)
- Width: 7.7 in. (19.6 cm)
- Depth: 15.75 in. (40.0 cm)
- Weight: 25 lb. (11.3 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

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