



# Tech Info Library

## Power Macintosh 9500 120 & 132: Description (4/97)

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TOPIC -----

This article contains a description of the Power Macintosh 9500 series of computers.

DISCUSSION -----

Overview  
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The Apple Power Macintosh 9500 computers set new Macintosh speed, performance, expandability, and upgradability standards, which is tremendous news for publishers, engineers, and multimedia professionals.

Choose from the Power Macintosh 9500/120 or the Power Macintosh 9500/132, the fastest Macintosh computer ever. With six slots each that support the industry-standard high-performance PCI architecture, they are the most customizable, expandable Macintosh computers in history. And PCI technology promises low-cost cards for such uses as videoconferencing, video production, and high-speed networking.

Built with the ultra-high-speed, high-efficiency PowerPC 604 processor chips, which run at 120 or 132 megahertz, they will be able to perform faster than ever. That is because they are upgradable, so as faster processors become available, you will have the opportunity to easily upgrade your computer.

The Power Macintosh 9500 series of computers run virtually all Macintosh applications, as well as applications accelerated for Power Macintosh computers. They can also run MS-DOS and Windows applications using SoftWindows software, available from Insignia Systems.

With its accelerated graphics card, the Power Macintosh 9500/120 computer supports all Apple and most third-party displays, including monochrome, color, VGA, and SVGA displays. It supports up to 16.7 million colors on Apple color

displays of up to 17 inches. With the addition of 2 megabytes of VRAM (for a total of 4 megabytes), the 9500/120 supports 16.7 million colors on displays of up to 21 inches.\*

The Power Macintosh 9500 computers are designed to meet the most demanding power, speed, and expandability requirements of publishing, engineering, and multimedia customers.

\*IMPORTANT NOTE: The Power Macintosh 9500/132 requires a third-party (non-Apple) graphics accelerator for display support.

#### Power and speed

- 120-MHz or 132-MHz PowerPC 604 microprocessor, including floating-point processor and 32K cache
- 512K Level 2 cache
- Processor upgradability to 250 MHz

#### Memory

- 16 MB of RAM, expandable to 768MB

#### Display support

- Graphics accelerator card includes 2MB of VRAM, expandable to 4MB (for the Power Macintosh 9500/120 only)
- Supports up to 1,280- by 1,024-pixel resolution

#### Expansion

- Six PCI slots for expansion cards
- Eight built-in ports to support a wide range of peripherals
- Dual-channel SCSI connector for hard disks, CD-ROM drives, and other SCSI devices
- Two open internal expansion bays for additional hard disk drives or other SCSI devices
- On-board Ethernet (10Base-T and AAUI)
- Internal quadruple-speed CD-ROM drive and microphone included

#### System Software 7.5

- Makes working with applications consistent, so they are easier to learn and use
- Allows easy customization of your Macintosh to fit the way you work
- Provides active assistance in learning new features with Apple Guide
- Lets you open and use MS-DOS and Windows documents

#### Communications/Networking

- Two serial ports compatible with GeoPort and LocalTalk cables
- 16-bit stereo audio input and output ports

- Built-in Ethernet networking
- Background file sharing

#### Compatibility

- Runs 68K Macintosh applications and applications accelerated for Power Macintosh computers
- Runs MS-DOS and Windows applications via SoftWindows
- Reads Macintosh, Windows, MS-DOS, OS/2, and ProDOS floppy disk formats

#### What Is In The Box:

Each Power Macintosh 9500 series unit includes a power cord, keyboard cable, Apple Desktop Bus Mouse II, PlainTalk microphone, and an Apple Macintosh CD.

The Apple Macintosh CD includes the following:

- Install System Software
  - System Software 7.5.2, including PowerTalk and QuickDraw GX
- Apple Extras
  - Universal Access: CloseView and Easy Access control panels
  - Expansion Card Info
  - AppleScript
  - HyperCard Player 2.2
  - QuickTime Extras
  - PowerTalk Extras
  - Text-to-Speech
  - QuickDraw GX Extras
  - Eric's Solitaire Sampler
  - Acrobat Reader 2.0.1
- Utilities:
  - Drive setup 1.0
  - Disk First Aid 7.2.1
  - Disk Copy 4.2
  - SimpleText 1.2
- Install Macintosh Tutorial
- Disk Images
  - Disk Copy 4.2
  - System Software
  - PowerTalk
  - QuickDraw GX

Documentation included with the Power Macintosh 9500 series of computers:

- Power Macintosh User's Guide manual
- Technical Information booklet
- Graphics Card Upgrade, PCI Products brochures
- Apple Resource Guide
- Product Registration Card
- Warranty Card

#### Configurations and Ordering Information

- Power Macintosh 9500/132\*

- 16MB of RAM
  - Built-in 1.4 MB Apple SuperDrive floppy disk drive
  - Internal 2GB hard disk drive
  - Internal quadruple-speed CD-ROM drive
  - Order No. M4423LL/A
- Power Macintosh 9500/120\*
    - 16MB of RAM
    - 2MB of VRAM on the Apple Accelerated Graphics Card
    - Built-in 1.4MB Apple SuperDrive floppy disk drive
    - Internal quadruple-speed CD-ROM drive
    - Internal 1GB hard disk drive
    - Order No. M3093LL/A
- Power Macintosh GeoPort
    - Order No. M3127LL/A
- Macintosh Memory Expansion Kits
    - (Must be installed by an authorized service provider.)
    - 8MB (1-8MB DRAM DIMM)  
Order No. M3788LL/A
    - 16MB (1-16MB DRAM DIMM)  
Order No. M3789LL/A

NOTE:

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

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