DISCONTINUED

Power and speed
- 120-MHz or 132-MHz PowerPC 604 microprocessor, including floating-point processor and 32K cache
- 512K Level 2 cache

Memory
- 16MB or 32MB of RAM, expandable to 768MB

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

Expansion
- Eight built-in ports to support a wide range of peripherals
- Support for three external and two internal expansion devices
- Six PCI slots for expansion cards
- On-board Ethernet (10BaseT and AAUI)
- Internal quadruple-speed CD-ROM drive and microphone included

Features Built Into Every Power Macintosh

Fast, easy setup
- Simple to set up and learn; your system is ready to go the first time you turn it on

System 7.5 software
- Makes working with applications consistent, so they're 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

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

Communications
- Two serial ports compatible with GeoPort and LocalTalk cables
- 16-bit stereo audio input and output ports
- Built-in Ethernet networking
- Background file sharing

The Apple Power Macintosh 9500 computers set new Macintosh speed, performance, and expandability standards, which is tremendous news for publishers, engineers, and multimedia professionals. Built with the ultra-high-speed, high-efficiency PowerPC 604 processor chips, which run at 120 or 132 megahertz, they'll be able to perform faster than ever.

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're the most customizable, expandable Macintosh computers in history. And PCI technology promises low-cost cards for such uses as video conferencing, video production, and high-speed networking.

The 9500 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 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 9500/132 requires a third-party graphics accelerator for display support.

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

Power Macintosh 9500 Series

Technical Specifications

Microprocessor
- PowerPC 604 RISC microprocessor running at 132 MHz (9500/132 only)
- PowerPC 604 RISC microprocessor running at 120 MHz (9500/120 only)
- Integrated floating-point unit and 32K cache
- 512K Level 2 cache

Memory
- Comes with 16MB or 32MB of RAM
- Can be expanded to up to 768MB of RAM
- Uses 112-pin, 64-bit DRAM DIMMs

Disk drives
- Includes one built-in Apple SuperDrive 1.4MB floppy disk drive that uses high-density floppy disks and reads, writes, and formats Macintosh, Windows, MS-DOS, OS/2, and ProDOS disks
- Includes one internal hard disk (1GB and 2GB options available)
- Includes one AppleCD 600i quadruple-speed CD-ROM drive
- Supports a 3.5-inch half-height removable media device and two 3.5-inch half-height hard disk drives

Optional display support using accelerated graphics card (9500/120 only)
- All Apple displays
- Third-party displays including VGA and SVGA monitors

Video support using accelerated graphics card (9500/120 only)
- 2MB of VRAM, expandable to 4MB

Interfaces
- Six high-performance PCI expansion slots compatible with all PCI 2.0 specification-compliant cards (Note: These slots are not NuBus-compatible)
- One Apple Desktop Bus (ADB) port for a keyboard, mouse, and other device
- 10BaseT and AAUI-15 Ethernet connectors
- Two DMA serial (RS-232/RS-422) ports compatible with LocalTalk and GeoPort cables
- Dual-channel asynchronous SCSI interface: external channel supports up to six SCSI devices (5MB/sec); internal channel supports a hard disk array (10MB/sec)
- 16-bit stereo sound input and output ports
- DB-15 video port for display on optional accelerated graphics card (9500/120 only)

Networking
- Built-in Ethernet (10BaseT or AAUI-15)
- Two serial ports for LocalTalk, external modem, or other devices

Keyboard and mouse
- Supports ADB keyboards with numeric keypads
- Includes ADB Mouse II

Clock/calendar
- Custom integrated circuit with long-life lithium battery

Electrical requirements and compliance
- Line voltage: 100 to 240 volts AC, RMS single phase, automatically configured
- Frequency: 50 to 60 Hz, single phase
- Power: 225 W maximum, not including display
- Energy Star compliant

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 model used)

Size and weight
- Height: 16.90 in. (430 mm)
- Width: 7.75 in. (196 mm)
- Depth: 15.75 in. (400 mm)
- Weight: 28 lb. (12.7 kg) (varies based on internal devices installed)

Operating environment
- 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)

Color depth support for the 9500/120

Display resolution	9500/120* with 2MB VRAM	9500/120** with 4MB VRAM
640 by 480	16.7 million colors	16.7 million colors
832 by 624	16.7 million colors	16.7 million colors
1,024 by 768	32,768 colors	16.7 million colors
1,152 by 870	32,768 colors	16.7 million colors
1,280 by 1,024	256 colors	32,768 colors

*With Apple Accelerated Graphics Card

**With 2MB VRAM upgrade card