Power Macintosh 9500 Series

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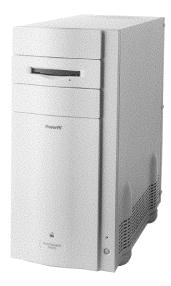
Built with the ultra-high-speed, high-efficiency PowerPC 604 processor chips, which run at 120 or 132 megahertz, they'll be able to perform faster than ever. That's because they're upgradable, so as faster processors become available, you'll have the opportunity to easily upgrade your computer.

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 expandability requirements of publishing, engineering, and multimedia customers.

Power Macintosh 9500 Series

Upgradable 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 of RAM
- Can be expanded to up to 768MB of RAM
- Uses 168-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
- 10Base-T 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 (10Base-T 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
- Line voltage: 100 to 240 VAC, 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 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* with 2MB VRAM
- 640 x 480
  - 16.7 million colors
- 832 x 624
  - 16.7 million colors
- 1,024 x 768
  - 32,768 colors
- 1,152 x 870
  - 32,768 colors
- 1,280 x 1,024
  - 256 colors

Color depth support for the 9500/120** with 4MB VRAM
- 640 x 480
  - 16.7 million colors
- 832 x 624
  - 16.7 million colors
- 1,024 x 768
  - 16.7 million colors
- 1,152 x 870
  - 16.7 million colors
- 1,280 x 1,024
  - 32,768 colors

* With Apple Accelerated Graphics Card
** With 2MB VRAM upgrade card

Power Macintosh 9500/132 configuration*
- Power Macintosh 9500/132 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

Power Macintosh 9500/120 configuration*
- Power Macintosh 9500/120 computer with 16MB of RAM, 2MB of VRAM on the Apple Accelerated Graphics Card, a built-in 1.4MB Apple SuperDrive floppy disk drive, an internal quadruple-speed CD-ROM drive, and an internal 1GB hard disk drive

Power Macintosh GeoPort Telecom Adapter
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

* All configurations include mouse; PlainTalk microphone; system software version 7.5.2; complete setup, learning, and reference documentation; as well as a limited warranty.

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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