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Power Macintosh 9500/180MP and 9500/200: Specifications (9/96)

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Security:       Everyone
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TOPIC ---

This article contains the technical specifications for the Power Macintosh
9500/180MP and 9500/200.

DISCUSSION --

Upgradable 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)
* Upgradability (up to 250 MHz)

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

Disk drives
===========
* Internal 2GB Fast SCSI hard disk
* Internal Apple SuperDrive floppy disk drive
  - Accepts high-density 1.4 MB disks and 800K disks
  - Reads, writes, and formats Macintosh, Windows, MS-DOS, OS/2, and ProDOS
disks
* Internal 8x-speed CD-ROM drive
* Two expansion bays for additional 3.5-inch hard disks

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
* 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)
* 2 MB of VRAM, expandable to 4 MB
* 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 and 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 to104 degrees F (10 to 40 degrees C)
* Storage temperature: -40 to 116 degrees F (-40 to 47 degrees C)
* Relative humidity: 5% to 95% noncondensing
* Maximum altitude: 10,000 ft. (3,048 m)

Article Change History:
11 Sep 1996 - Updated information.
02 Aug 1996 - Changed distribution status.

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