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Power Macintosh 9600 Series: Technical Specifications (2/97)

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Revised:        2/28/97
Security:       Everyone


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TOPIC -----------------------------------------------------------


This article contains the technical specifications for the Power Macintosh 9600
series computers.


DISCUSSION ------------------------------------------------------


Processor
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* One 200-MHz PowerPC 604e microprocessor (Power Macintosh 9600/200)
* Two 200-MHz PowerPC 604e microprocessors (Power Macintosh 9600/200MP)
* One 233-MHz PowerPC 604e microprocessor (Power Macintosh 9600/233)
* Integrated floating-point unit and 64K cache
* 50-MHz high-speed system bus
* Processor is mounted on a removable card for easy upgrades


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


Disk drives
-----------
* Internal 4 GB 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 12x-speed CD-ROM drive
* Expansion bays for additional storage devices (3.5- or 5.25-inch)


Interfaces
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* 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
* DB-15 connector for monitor (on accelerated graphics card)

Graphics support (configured through accelerated graphics card)
----
* 4 MB of 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
----
* 28.8-Kbit/s modem support
* V.17 fax support
* GeoPort Fax and GeoPort Telephony software included
* Speakerphone and answering-machine capability

Note: Requires GeoPort Telecom Adapter

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

Keyboard and mouse
----
* Includes keyboard and ADB Mouse II

Electrical requirements and compliance
----
* Line voltage: 100 to 125/200 to 240 V AC, RMS single phase, automatically configured
* Frequency: 50 to 60 Hz, single phase
* Power: 390 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: 17.3 in. (44.0 cm)
* Width: 9.7 in. (24.6 cm)
* Depth: 17.3 in. (44.0 cm)
* Weight: 35.0 lb. (15.9 kg)

Environmental requirements
----
* Operating temperature: 50 to 104 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:
13 Feb 1997 - Changed distribution status.
28 Feb 1997 - Corrected power rating.

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