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Power Macintosh 9600/233: Specifications (2/97)

Article Created: 24 February 1997

TOPIC -----

This article contains the technical specifications for the Power Macintosh 9600/233 computer.

DISCUSSION -----

Processor

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- * 233-MHz PowerPC 604e microprocessors
- * Integrated floating-point unit and 64K cache
- * Processor is mounted on a removable card for easy upgrades

Memory

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

Disk drives

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- * Internal 4GB Fast SCSI hard disk
- * Internal Apple SuperDrive floppy disk drive
 - Accepts high-density 1.4MB 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—four 5.25-inch removable bays, three internal bays (open bays vary with configurations)

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)

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- * 4 MB of VRAM
- * Support for display resolutions of up to 1,600 by 1,200 pixels with Apple Multiple Scan 20 Display
- * 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 (Requires GeoPort Telecom Adapter Kit)

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- * 28.8-Kbit/s modem support
- * V.17 fax support
- * Speakerphone and answering-machine capability

Clock/calendar

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- * Custom integrated circuit with long-life battery

Keyboard and mouse

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- * Includes AppleDesign keyboard and ADB Mouse II

Electrical requirements and compliance

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- * 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

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- * 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

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- * 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

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- * 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)

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Keywords: specsht

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ArticleID: TECHINFO-0021008

19970225 08:35:45.00

Tech Info Library Article Number: 21008