



Tech Info Library

Power Macintosh 4400/200: Technical Specifications (4/97)

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Security: Everyone

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TOPIC -----

This article contains a description of the Power Macintosh 4400/200 series computer.

DISCUSSION -----

Microprocessor

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- * 200-MHz PowerPC 603e microprocessor
- * Integrated floating-point unit and 32K internal cache

Memory

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- * 16 or 24 MB of EDO DRAM (depending on configuration), expandable to 160 MB
- * 4 MB of ROM
- * 256K level 2 cache (included with some configurations)
- * 2 MB EDO DRAM DIMM (VRAM) (included with some configurations), expandable to 4 MB SGRAM

There is one VRAM slot. VRAM is supported in 1 MB, 2 MB or 4 MB configurations; using these types of VRAM DIMMs:

- +5 V Extended Data Output (EDO) DRAM, 1 MB or 2 MB.
- +3.3 V Synchronous Graphics Random Access Memory (SGRAM), 1 MB, 2 MB or 4 MB.

Disk drives

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- * 1.2 or 1.6 GB IDE hard disk (depending on configuration)
- * 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 8x- or 12x- speed (depending on configuration) ATAPI CD-ROM drive

Interfaces

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- * Two PCI expansion slots compatible with PCI 2.0-compliant cards (one 12-inch and one 7-inch)
- * One communication slot for internal modem or Ethernet card (Ethernet card installed in some configurations)
- * Two high-speed DMA serial (RS-232/RS-422) ports compatible with LocalTalk cables and GeoPort devices
- * Internal/external SCSI bus (up to 5 MB/s) for up to 7 external SCSI devices
- * Apple Desktop Bus (ADB) expansion port
- * Mini jacks for stereo audio input and output
 - 16-bit audio
 - Up to 44.1-kHz sampling rate
- * DB-15 connector for monitor

Graphics support

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- * 2-D accelerated graphics
 - * Support for 24-bit color at up to 800 by 600 pixels, 16-bit color to 1,152 by 870, and 8-bit color to 1,280 by 1,024 (with standard 2 MB of EDO VRAM)
 - * 2 MB EDO DRAM DIMM (VRAM) (included with some configurations), expandable to 4 MB SGRAM
- There is one VRAM slot. VRAM is supported in 1 MB, 2 MB or 4 MB configurations; using these types of VRAM DIMMs:
- +5 V Extended Data Output (EDO) DRAM, 1 MB or 2 MB.
 - +3.3 V Synchronous Graphics Random Access Memory (SGRAM), 1 MB, 2 MB or 4 MB.

GeoPort telephony (Requires GeoPort Telecom Adapter)

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- * 28.8-Kbit/s modem support
- * V.17 fax support
- * GeoPort Fax and GeoPort Telephony software included
- * 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 Apple Design Keyboard and ADB Mouse II

Electrical requirements and compliance

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- * Line voltage: 110/220 V AC, RMS single phase
- * Frequency: 47 to 63 Hz, single phase
- * Power: 150 W maximum, not including display
- * EPA Energy Star compliant

ADB power requirements

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- * Maximum current draw for all 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: 5.43 in. (13.9 cm)

* Width: 15.12 in. (38.4 cm)

* Depth: 17.37 in. (44.2 cm)

* Weight: 24 lb. (9.5 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 sC)

* Relative humidity: 20% to 95% noncondensing

* Maximum altitude: 10,000 ft. (3,048 m)

Configurations

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Power Macintosh 4400/200 (US)

Order No. M5767LL/A

* Power Macintosh 4400/200 computer with 256K level 2 cache, 16 MB of EDO DRAM, 2 MB video RAM, built-in Ethernet, a built-in 1.4 MB Apple SuperDrive floppy disk drive, an internal 1.2 GB hard disk drive, and an internal 8x-speed CD-ROM drive. Includes keyboard and mouse; system software version 7.5.3 or later; Internet access software; complete setup, learning, and reference documentation; and limited warranty.

Power Macintosh 4400/200 (Europe/Latin America)

Order No. M5766LL/A

* Power Macintosh 4400/200 computer with 16 MB of RAM, a built-in 1.4 MB Apple SuperDrive floppy disk drive, an internal 1.2 GB hard disk drive, and an internal 8x-speed CD-ROM drive. Includes keyboard and mouse; system software version 7.5.3 or later; Internet access software; complete setup, learning, and reference documentation; and limited warranty.

Power Macintosh 4400/200 (Europe)

Order No. M5842LL/A

* Power Macintosh 4400/200 computer with 256K level 2 cache, 24 MB of EDO DRAM, 2 MB video RAM, built-in Ethernet, a built-in 1.4 MB Apple SuperDrive floppy disk drive, an internal 1.6 GB hard disk drive, and an internal 8x-speed CD-ROM drive. Includes keyboard and mouse; system software version 7.5.3 or later; Internet access software; complete setup, learning, and reference documentation; and limited warranty.

Power Macintosh 4400/200 (Japan)

Order No. M5773LL/A

* Power Macintosh 4400/200 computer with 256K level 2 cache, 16 MB of EDO DRAM, 2 MB video RAM, built-in Ethernet, a built-in 1.4 MB Apple SuperDrive floppy disk drive, an internal 1.2 GB hard disk drive, and an internal 12x-speed CD-ROM drive. Includes keyboard and mouse; system software version 7.5.3 or later; Internet access software; complete setup, learning, and reference documentation; and limited warranty.

Power Macintosh 4400/200 (Asia)

Order No. M5839LL/A

* Power Macintosh 4400/200 computer with 16 MB of RAM, 2 MB video RAM, a built-in 1.4 MB Apple SuperDrive floppy disk drive, an internal 1.2 GB hard disk drive, and an internal 8x-speed CD-ROM drive. Includes keyboard and mouse; system software version 7.5.3 or later; Internet access software; complete setup, learning, and reference documentation; and limited warranty.

Article Change History:

30 Apr 1997 - Added ATAPI statement.
04 Mar 1997 - Added detailed info about VRAM.
13 Feb 1997 - Changed distribution status.

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