



Tech Info Library

Power Macintosh 4400: Technical Specifications (3/97)

Article Created: 23 September 1996

Article Reviewed/Updated: 4 March 1997

TOPIC -----

This article contains the description for the Power Macintosh 4400 series computers.

IMPORTANT: The Power Macintosh 4400 Series is currently only available in Europe.

DISCUSSION -----

Microprocessor

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- * 160-MHz PowerPC 603e microprocessor
- * Integrated floating-point unit and internal 32K cache
- * 40-MHz, 64-bit bus

Memory

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- * 16 MB of RAM, expandable to 96 MB via 3 DIMM sockets
- * Uses 168-pin, unbuffered 3.3 volts EDO, 60-nanosecond or faster DIMMs
- * 4 MB of ROM
- * Optional 256K Level 2 cache
- * 1 MB video EDO DRAM DIMM (VRAM expandable to 2 or 4 MB)
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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- * Internal 1.2 GB IDE 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 8X ATAPI CD-ROM drive

Interfaces

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- * Three PCI expansion slots (one slot supports a full-size 12.28-inch 15-watt PCI expansion card; all three internal expansion slots support 6.88-inch PCI expansion cards) compatible with PCI 2.0-compliant cards (45 Watt maximum combined power for all 3 slots)
- * Two high-speed DMA serial (RS-232/RS-422) ports compatible with LocalTalk and GeoPort cables
- * External SCSI bus
- * 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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- * 2D accelerated graphics
- * Support for display resolutions of up to 1,152 by 870 pixels
- * 16-bit resolution up to 800-by-600 and 8-bit up to 1152-by-870
- * Refresh rate of up to 75 Hz
- * 1 MB video EDO DRAM DIMM (VRAM expandable to 2 or 4 MB)
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 AppleDesign Keyboard and ADB Mouse II

Electrical requirements and compliance

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- * Line voltage: switchable 110/220 V AC, RMS single phase
- * Frequency: 47 to 63Hz, single phase
- * Power: 200W 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. (139mm)
- * Width: 15.12 in. (385mm)
- * Depth: 17.37 in. (442mm)
- * Weight: 24lb (9.5Kg)

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: 20% to 95% noncondensing
- * Maximum altitude: 10,000 ft. (3,048 m)

Article Change History:

- 04 Mar 1997 - Added info about VRAM.
- 21 Nov 1996 - Corrected information.
- 18 Nov 1996 - Added/corrected missing information.

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Keywords: kppc,specsht

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ArticleID: TECHINFO-0020463

19970305 09:45:40.00

Tech Info Library Article Number: 20463