Power Macintosh 5200/75 LC: Technical Specifications (10/95)

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TOPIC ---

This article gives the technical specifications for the Power Macintosh 5200/75
LC computer.

DISCUSSION --

Microprocessor

• PowerPC 603 RISC microprocessor running at 75 MHz
• 256K Level 2 cache on 64-bit PPC bus
• Bus speed is 37.5 MHz. (processor speed/2)

Memory

• 8 MB RAM (one 8 MB SIMM installed)
- expandable up to 64 MB
- two 72-pin SIMM slots
- expandable one SIMM at a time (do not have to be similar density)
- 32-bit memory bus
- 80 ns or faster
• 1 MB DRAM frame buffer (separate from RAM) for video memory, not expandable
• 4 MB ROM on 64-bit PowerPC bus

Form Factor

• All in one enclosure
• Tilt from - 5° to +15°, Swivel 360°
• Front controls for volume and contrast
• Front headphone jack
• Infrared remote control
• Single power plug for system
• Power on/off from keyboard

Disk Drives

• 1.4 MB Apple SuperDrive disk drive - read and write MS-DOS disks
• 500 MB IDE hard drive, 1/3 height
• AppleCD 300i CD-ROM drive

Video Display

• 15" flat square shadow mask CRT
• .28 mm dot pitch
• User adjustable resolutions from 640x480 (63 DPI) to 832x624 (81 DPI) without restarting
• Refresh rate up to 75 Hz
• Low emissions (ELF, VLF)

Video Resolutions

Begin_Table

Resolution	Max. Bit Depth	Max. Number of Colors
640 x 480	16	32,768
800 x 600	8	256
832 x 624	8	256

End_Table

Interfaces

• LC processor direct slot
• Video-in slot for optional video capture card
• TV tuner slot
• Communications slot
• SCSI interface for connecting up to five external devices
• Two serial (RS-232/RS-422) ports
• ADB port
• Sound-in (requires PlainTalk microphone)
• Sound-out
• Apple External Video Connector (M4099LL/A)
. - Purchased separately, this internal cable allows you to connect a Macintosh compatible display externally for video mirroring functionality.

Audio System

• Integrated stereo speakers
• Built-in microphone
• 16-bit CD audio, 8-bit sound

Networking

• Macintosh LC-compatible Processor-Direct Slot (PDS)
• I/O Communications Slot for installation of EITHER a high-speed, 14.4 fax/modem OR a low-cost Ethernet networking card supporting the following
• Apple Ethernet cards:
- Apple Ethernet CS Twisted Pair Card
- Apple Ethernet CS Thin Coax Card
- Apple Ethernet CS AAUI Card

Keyboard

- Supports all Apple Desktop Bus (ADB) keyboards

Mouse

- Apple Desktop Mouse ll: mechanical tracking, optical shaft, or contact encoding

Clock/Calendar

- CMOS customer chip and battery

Disability Access

- CloseView, Easy Access, and visible-beep software are built in.
- Third-party options provide alternative input and output devices

Electrical Requirements

- 110 - 240v, 50 - 60 Hz
- Power consumption 125 watts
- EPA Energy Star compliant

ADB Power Requirements

- Maximum power draw for all ADB devices is 500mA
- Mouse draws 10mA
- Keyboard draws 10mA

Size and Weight

- Height: 17.5 in. (44.5 cm)
- Width: 15.1 in. (38.3 cm)
- Depth: 16.0 in. (40.6 cm)

- Weight: 47 lb. (21.15 kg)

Operating Environment

- 10°C to 40° C (50°F to 104°F)

System Software Requirements

- Mac OS System 7.5 with Apple Guide, AppleScript and PC Exchange included

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05 Oct 1995 - Added video memory information.
11 Aug 1995 - Reformatted to make more readible on the World Wide Web.
19 Jul 1995 - Corrected memory speed requirements.

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