



# Tech Info Library

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

Revised: 10/5/95  
Security: Everyone

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Article Created: 31 March 1995  
Article Reviewed/Updated: 5 October 1995

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

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- 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

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- 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

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### 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

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- 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

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

## Networking

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- 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

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- Supports all Apple Desktop Bus (ADB) keyboards

#### Mouse

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- Apple Desktop Mouse 11: mechanical tracking, optical shaft, or contact encoding

#### Clock/Calendar

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- CMOS customer chip and battery

#### Disability Access

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

#### Electrical Requirements

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

#### ADB Power Requirements

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

#### Size and Weight

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- 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

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- 10°C to 40° C (50°F to 104°F)

#### System Software Requirements

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

#### Article Change History:

05 Oct 1995 - Added video memory information.

11 Aug 1995 - Reformatted to make more readable on the World Wide Web.

19 Jul 1995 - Corrected memory speed requirements.

Support Information Services

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Tech Info Library Article Number:17486