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Macintosh LC 520: Support Issues (6/93)

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TOPIC -----

This article discusses technical support issues concerning the Macintosh LC 520.

DISCUSSION -----

Service Access

The logic board, AppleCD 300i, SuperDrive, and hard drive all use edge connectors so they can be removed easily.

- To access the logic board and the hard disk, release two tabs on the back bezel, and slide them out.
- To access the AppleCD 300i and SuperDrive, push down on the front bezel and remove it. Insert a screwdriver into the small opening under the front bezel to remove it more easily.

Main Logic Board

The main logic board on the Macintosh LC 520 is functionally equivalent to that in the Macintosh LC III. The differences are:

- Stereo sound provided through the DFAC II ASIC
- An expansion ROM SIMM socket
- No external video port
- The Cuda ASIC is used instead of the Egret ASIC (provides ADB, soft power, the real-time clock, and PRAM)
- A second sound output jack

Expansion Cards

Some expansion cards designed for the Macintosh LC may not fit inside the LC 520. Check with the card's manufacturer before buying.

PDS cards installed must not dissipate more than 5 watts total.

Video

When the Apple IIe Card is used, the video is converted to a 560 by 384 display.

System Clock

As with the Macintosh Classic, when the logic board is removed, it is disconnected from all power, resetting the system clock. The main system ASIC keeps track of whether the board has been disconnected -- and, when it's reconnected, system software reminds the user to reset the clock.
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