Tech Info Library

Macintosh LC II: Description (Discontinued)

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Security:       Everyone


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TOPIC -----------------------------------------------------------

This article describes the Macintosh LC II computer.


DISCUSSION ------------------------------------------------------

The Macintosh LC II has a 68030 processor running at 16MHz, providing up to
10% faster performance than the Macintosh LC.

The ROM (Read-Only Memory) contains operating system routines, Toolbox
routines, and system traps.  The memory mapping scheme allocates 2MB of
address space for ROM.  The Macintosh LC II configuration consists of four
128K x 8 ROMs using 512K of the allocated address space.  The Macintosh LC
II ROM is an LC ROM (based on IIci ROM) upgraded to take advantage of the
68030.


Features
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- Virtual Memory support
- 16-bit data path
- 32-bit clean ROM (512K)
- No Apple Floating Point Unit (FPU).  Third-party solutions available.
- One 1.4MB FDHD SuperDrive
- hard drive options: none, 40MB, or 80MB
- LC Processor Direct Slot (PDS).  Works with Apple IIe, LC Ethernet, and
  third-party LC cards.
- Built-in video RAM
  - 256K VRAM SIMM option
    - 16 grays on Macintosh 12-inch Monochrome or VGA
    - 256 colors on Macintosh 12-inch RGB Display
    - 16 colors on 13-inch AppleColor High-Resolution RGB Monitor or VGA
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        - 512K VRAM SIMM option
          - 256 grays on Macintosh 12-inch Monochrome or VGA
          - 32,000 colors on Macintosh 12-inch RGB Display
          - 256 colors on 13-inch AppleColor High-Resolution RGB Monitor or VGA
- 4MB RAM soldered on logic board
- 2 SIMM RAM expansion slots (expansion to 6, 8, or 10MB)
- Ports (ADB, Printer, Modem, Video, SCSI, Mono sound out, Sound In)
- Built-in sound
  - Monaural 8-bit A/D converter with 22 kHz sampling rates
  - Electret microphone
- Macintosh LC to Macintosh LC II Upgrade Kit

System Software

Macintosh LC II systems with no hard drive are shipped with System 6.0.8.

Macintosh LC II systems with hard drives ship with System 7.0.1 and the
System 7 Tune-Up extensions.

Worldwide Configurations

- USA
  - 4MB RAM, floppy drive only, 256K VRAM (M1720LL/A) - education only
  - 4MB RAM, 40MB hard drive, 256K VRAM (M1701LL/A)
  - 4MB RAM, 80MB hard drive, 512K VRAM (M1707LL/A)

- Europe and Pacific
  - 4MB RAM, 40MB hard drive, 512K VRAM, with or without keyboard
  - 4MB RAM, 80MB hard drive, 512K VRAM, with or without keyboard

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