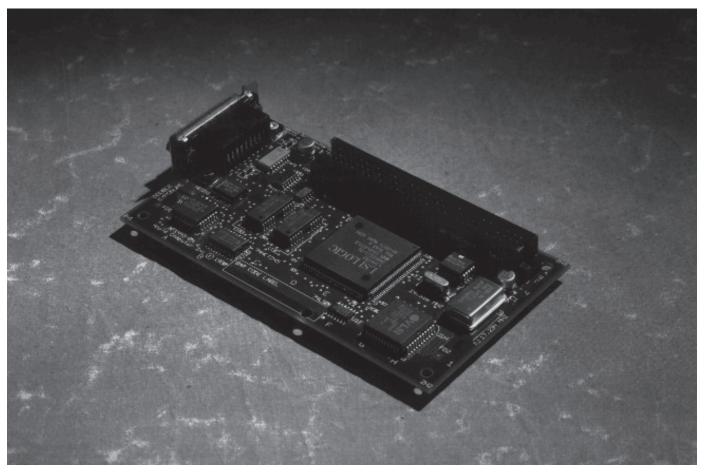# Apple IIe Card

Overview

The Apple® IIe Card lets users of Apple Macintosh® LC personal computers run the world's largest collection of personal computer software—more than 10,000 Apple IIe programs. It's an excellent solution if you have a Macintosh LC and Apple IIe software, or if you want access to this invaluable library of programs for education, home, and business applications.

To assure compatibility with virtually all Apple IIe applications, the Apple IIe Card contains the same 65C02 micro-processor that's built into the Apple IIe personal computer. In addition, the Apple IIe Card takes full advantage of components in your Macintosh LC, including its high-resolution monitor, keyboard, mouse, internal

Features

• 65C02 microprocessor

• 128K standard RAM with up to 1 megabyteexpanded RAM

• 5.25-inch disk drive connecter

• Joystick/hand-control connecter

• Compatibility with Apple IIe mouse-based software

• Integration with the Macintosh LC keyboard, mouse, speaker, disk drives, and serial ports

Benefits

• Lets you run virtually all Apple IIe applications—more than 10,000 programs for almost every subject imaginable.

• Supports powerful Apple IIe programs and large documents.

• Lets you connect an Apple 5.25 Drive.

• Lets you connect joysticks, hand controllers, and special-purpose input devices.

• Simplifies operation through use of the Macintosh mouse to control icons and pull-down menus.

• Minimizes costs by letting you run both Macintosh and Apple IIe software on the same computer.

Apple IIe Card

Product Details

RAM
The Apple IIe Card comes with 128K of RAM and can take advantage of up to 1 megabyte of Macintosh LC RAM.

Applications
Apple IIe–compatible applications can be stored on and launched directly from a 5.25-inch or 3.5-inch floppy disk.

Applications run at normal Apple IIe speeds or at speeds up to twice as fast as normal with an optional mode provided by the Apple IIe card.

Screen display
Because of the superior resolution offered by Macintosh monitors, text and graphics generated by Apple IIe applications appear crisp and clear in all Apple IIe video modes (low resolution, high resolution, or double high resolution).

System Requirements

To use the Apple IIe Card, you'll need a Macintosh LC personal computer.

Technical Specifications

Central Processing Unit (C PU)
- Microprocessor: 65C02
- Clock speed: 1.02 or 1.9 megahertz, selectable (up to 1 million operations per second)
- Address bus: 16 bits
- Address range: 65,536 bytes (64K)
- Data bus: 8 bits
- Registers: Accumulator, two index registers, stack pointer, processor status register, and program counter

Compatible disk drives
- Apple 5.25 Drive (Order No. A9M0107)
- UniDisk 3.5 Drive

(Order No. A2M2053)

Memory
- 256K of RAM (128K standard RAM); can also access up to 1 megabyte of the computer memory in the Macintosh LC
- Apple IIe read-only memory (ROM) simulator (in write-protected portions of the RAM) containing an Applesoft BASIC interpreter, system monitor, 80-column display firmware, and diagnostic routines

Text display modes
- 80 columns, 24 lines, 5- by 7-dot matrix
- 40 columns, 24 lines, 5- by 7-dot matrix
- All text can appear on the screen as normal, inverse, or MouseText characters.

Graphics display modes
- Low-resolution color: 16 colors, 40 horizontal by 48 vertical blocks
- High-resolution color: 6 colors, 280 horizontal by 192 vertical dots
- High-resolution monochrome: 280 horizontal by 192 vertical dots
- Double high-resolution color: 16 colors, 140 horizontal by 192 vertical dots
- Double high-resolution monochrome: 560 horizontal by 192 vertical dots

Compatible operating systems
- ProDOS,
- DOS 3.3
- Pascal

Ordering Information

Apple IIe Card*
Order No. M0444LL/A

*Dealer installation is required.

With your order, you'll receive:
- Apple IIe Card
- Floppy disk drive/joystick cable
- Apple IIe Card startup software
- Complete learning and reference documentation
- Limited warranty statement

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