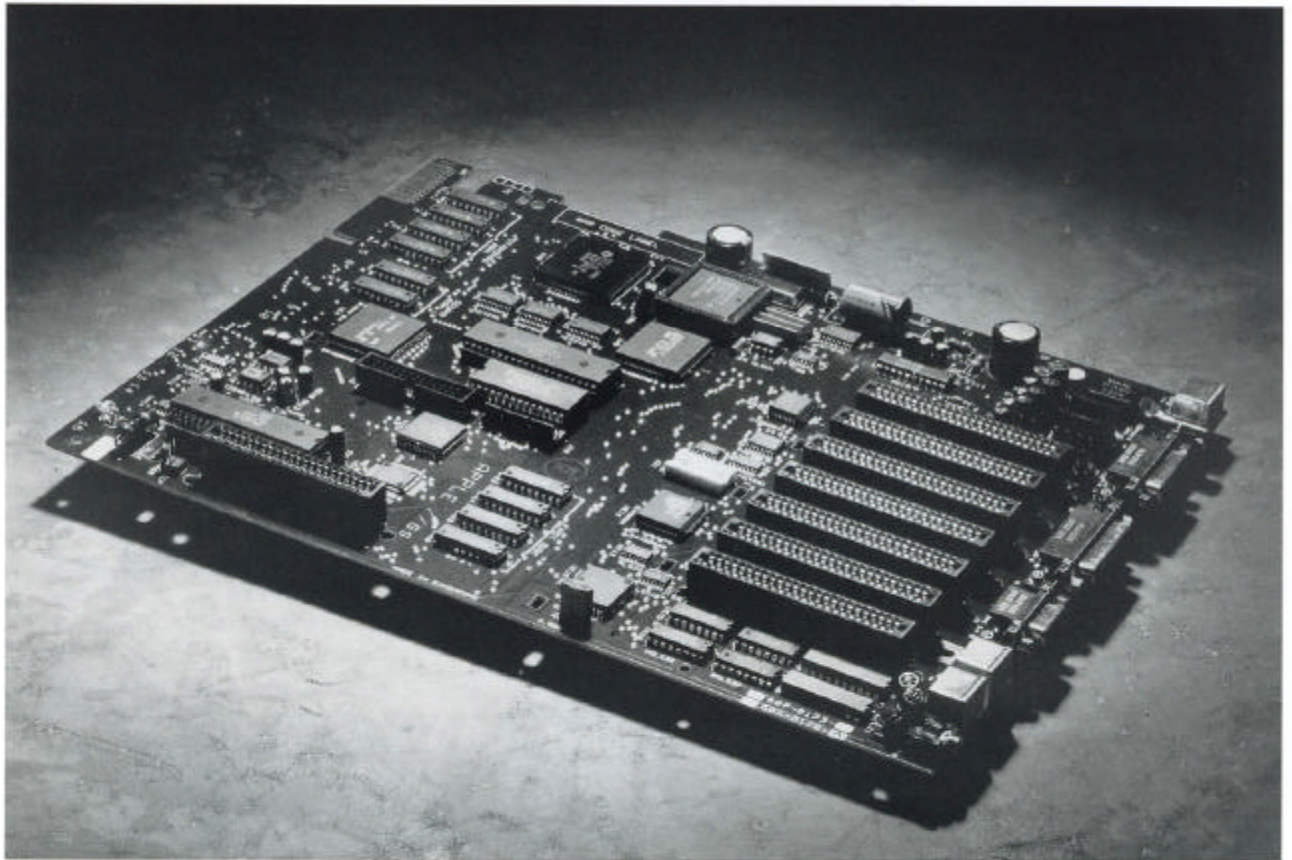


Apple IIgs Upgrade



Overview

The Apple IIgs™ Upgrade gives your Apple® IIe personal computer the advanced capabilities of the most powerful Apple II. This simple, dealer-installed option enables you to use new software that takes advantage of the incredible sound and color graphics capabilities of the Apple IIgs, and enjoy its built-in expandability—all without sacrificing your investment in your Apple IIe or your existing software.

Features

- ▶ Compatible with the 65C02 microprocessor used in the Apple IIc and Apple IIe
- ▶ Powerful 16-bit 65C816 processor
- ▶ 256 kilobytes of user memory (RAM), expandable to more than 1 megabyte
- ▶ Seven general-purpose expansion slots

Benefits

- ▶ Runs virtually all existing Apple II software.
- ▶ Provides access to over 10,000 programs, including the educational software used by many schools.
- ▶ Protects your investment by letting you upgrade or trade up without sacrificing software and hardware compatibility.
- ▶ Runs nearly all Apple II software up to 2.8 times faster than an Apple IIe or IIc.
- ▶ Runs software that takes advantage of the enhanced graphics and sound capabilities of the Apple IIgs.
- ▶ Allows you to work with large documents (spreadsheets, data bases, and so forth).
- ▶ Provides a virtually unlimited growth path.



Features

Benefits

- | | |
|---|---|
| ▶ Seven peripherals ports | ▶ Allows you to connect commonly used peripherals without special interface cards. |
| ▶ Dedicated memory expansion slot | ▶ Lets you easily expand the memory by as much as 1 megabyte using the Apple IIgs Memory Expansion Card.
▶ Permits expansion by up to 8 megabytes when higher-capacity chips become available. |
| ▶ Two new graphics modes (640 by 200 and 320 by 200 dots), offering a palette of 4,096 colors | ▶ Lets you create richly detailed graphics for home, school, or business applications.
▶ Enables the development of graphically enhanced educational and productivity applications. |
| ▶ Built-in speaker and standard output jack for external speakers or headphones | ▶ Permits the sounds of music, games, educational software, and even human voices to be presented realistically. |
| ▶ Advanced user interface, with mouse, icons, windows, and pull-down menus | ▶ Makes learning to use the computer almost intuitive.
▶ Facilitates learning new applications, because most Apple IIgs applications operate in much the same way. |

Product Details

Upgrade Components

The Apple IIgs Upgrade is a simple, dealer-installed option that involves replacing the logic board and metal base pan of your Apple IIe. The new logic board contains the

65C816 microprocessor, RAM, ROM, Ensoniq sound chip, expansion slots, and connectors; the base pan holds the logic board securely in place inside the Apple IIe case.

Please note that the Apple IIgs System Fan is not compatible with this upgrade.

To complete your upgrade, you may wish to purchase an Apple Desktop Bus™ Mouse.

System Requirements

To take advantage of the Apple IIgs upgrade, you'll need an Apple IIe personal computer.

Technical Specifications

Consult the Apple IIgs data sheet.

Ordering Information

Apple IIgs Upgrade

Order No. A2S6001

With your order, you'll receive the following:

- ▶ Apple IIgs logic board
- ▶ Apple IIgs/IIe base pan
- ▶ Apple IIgs identification plaque

- ▶ Apple IIgs System Disk
- ▶ *From Apple IIe to Apple IIgs: Performance Update*
- ▶ *Apple IIgs System Disk User's Guide*

The Apple IIgs Upgrade must be installed by an authorized Apple dealer.

You may also wish to purchase:

Apple Desktop Bus Mouse

Order No. A9M0331

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