Overview

The Macintosh II is the new high-performance, open architecture member of the Macintosh family. The Macintosh II is designed for advanced applications in business, desktop publishing, science and engineering. It comes standard with a full 32-bit 68020 microprocessor and a 68881 floating point coprocessor. For maximum flexibility, Macintosh II makes room for more memory—up to eight megabytes of RAM—and includes six build-in ports and six expansion slots that let you configure virtually any type of system you need. Using hardware and software options from Apple and third parties, Macintosh II can support other operating environments, including MS-DOS and AT&T UNIX™.

Macintosh II Personal Computer

Features

- Internal SCSI connector
- SCSI transfer rate up to 1 megabyte/second
- Two-standard configurations:
  - 800K built-in disk drive
  - 800K drive, plus internal 40-megabyte SCSI hard disk drive
- A second internal 800K drive can be added to both configurations
- Macintosh user interface: mouse, windows, and pull-down menus
- Macintosh software compatible
- Apple stereo sound chip
- Optional 68851 PMMU memory management upgrade
- Optional keyboards include:
  - Apple Keyboard
  - Apple Extended Keyboard
- Optional monitors include:
  - Apple High-Resolution Monochrome Monitor
  - AppleColor™ High-Resolution RGB Monitor
- Optional memory includes:
  - Memory up to eight megabytes of RAM

Benefits

- Permits connection of internal SCSI devices without compromising desk space.
- Gives you a choice of storage.
- Provides a consistent interface across applications.
- Lets you add storage capacity as your requirements expand.
- Makes applications easy to learn and intuitive.
- Provides high-quality digitized sound.
- Provides memory management necessary to run multitasking, multuser operating systems such as UNIX.
- Lets you choose the monitor that best fits your needs.
- Apple Color monitor offers compatibility with most applications that use Macintosh sound.
- Apple Extended Keyboard lets you work with alternate operating systems, terminal emulation programs, and other data communication applications.
- Apple Keyboard software compatible
- Apple stereo sound chip
- Optional 68851 PMMU memory management upgrade
- Optional keyboards include:
  - Apple Keyboard
  - Apple Extended Keyboard
- Optional monitors include:
  - Apple High-Resolution Monochrome Monitor
  - AppleColor™ High-Resolution RGB Monitor
- Optional memory includes:
  - Memory up to eight megabytes of RAM

Ordering Information

Macintosh II CPU

Order No. M5300
With your order, you'll receive:
- Macintosh II personal computer with a built-in 800-kilobyte disk drive
- Mouse
- Owner's guide
- System Tools disk and backup
- Training disk (2)
- Limited warranty statement
- Utilities disk and manual

Macintosh II Hard Disk 40 CPU

Order No. M5400
With your order, you'll receive:
- Macintosh II personal computer with a built-in 800-kilobyte disk drive and an internal 40-megabyte SCSI hard disk drive
- Mouse
- Owner's guide
- System Tools disk and backup
- Training disk (2)
- Limited warranty statement

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Macintosh II

Features

- Provides increased speed, power, and performance.
- Requires less memory than the previous Macintosh systems.
- The Macintosh II can run most Macintosh programs that require an internal floppy disk drive.

Benefits

- The Macintosh II is equipped with the 32-bit 68020 processor running at 15.7 megahertz. (Originally 21.1 megahertz throughout the Macintosh family.)
- NuBus is self-configuring. Cards can be plugged into any slot and the system will automatically identify and configure each card, without any switch settings, jumper wires, etc.
- The Hierarchical File System remains organized for documents and allows easy access to files.
- NuBus supports high-performance peripherals.
- Provides a consistent interface throughout the Macintosh family.
- Apple’s high-speed graphics chip.
- Apple’s high-speed graphics chip.

Product Details

System Configuration

- Two systems are available: Macintosh II CPU plus an internal 40-megabyte SCSI hard disk drive, and Macintosh IIEX CPU plus a 68881 Floating Point Math Coprocessor (Standard with every system).
- NuBus provides a full 32-bit single address bus and data bus on a 96-pin connector.
- A NuBus self-configuring feature allows easy installation.

Product Information

- Apple Keyboard: 81 keys, including numeric keypad and cursor keys.
- Apple Numeric Keypad: 105 keys, including numeric keypad and cursor keys.
- Apple Color High-Resolution Monitor: an analog monitor with a 13-inch diagonal screen, 640 by 480 pixels.
- Apple Color High-Resolution Monitor: an analog monitor with a 13-inch diagonal screen, 640 by 480 pixels.
- Apple Macintosh II System: version 4.1 or higher.
- Apple Macintosh II System: version 4.1 or higher.

Technical Specifications

- Apple Diamond digital sound chip (ADB), including four route- table-tables for stereo, stereo sampling generator. Capable of driving stereo headphones or stereo equipment.

Electrical requirements

- Lines: 90–140 volts, 170–270 volts, automatically switched.

Size and weight

- Main Unit: 5.51 in. (140 mm) Width; 10.84 in. (275 mm) Depth; 2.72 in. (69 mm) Height.
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Video card

- Apple Customer Service Buffer Chip.
- Apple Customer Service Buffer Chip.

Port Connectors

- SCSI interface; uses a 50-pin connector.
- 50-pin connector.

- Input/Output port (I/O) port
- Input/Output port (I/O) port

Interfaced

- Apple Color High-Resolution Monitor. An analog monitor with a 13-inch diagonal screen, 640 by 480 pixels.
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