Macintosh IIsi: Description (Discontinued)

Article Created: 8 May 1992

Article Change History

02/03/93 - REVIEWED
- For technical accuracy.

TOPIC ---

This article describes the Macintosh IIsi computer.

DISCUSSION --

The Macintosh IIsi is equipped with a 20-megahertz 68030 microprocessor
that runs Macintosh applications up to five times faster than the
Macintosh Classic. The Macintosh IIsi supports A/UX.

The Macintosh IIsi comes with built-in support for four Apple monitors as
well as third-party monitors. A video expansion card can be added if
you need to use any other Apple or third-party monitors.

An internal expansion slot for either a NuBus card or an 030 Direct Slot
card allows you to add one of the expansion cards that are available for
communications, video, or coprocessing. An optional floating-point math
coprocessor can be added to speed mathematical calculations. Eight
external ports allow you to connect peripheral equipment.

Sound input is available with the Macintosh IIsi. The unit comes with a
microphone and phono jack adapter, which let you input your voice into
documents, presentations, and even electronic mail messages.

The Macintosh IIsi will run applications supported by System software
version 7.0.

Features

- 68030 microprocessor, running at 20 megahertz; built-in Memory
  Management Unit (MMU)

- Optional 68882 floating-point math coprocessor, running at 20 megahertz

- Multiple monitor options including:
  - Built-in video support for four Apple monitors:
    - Macintosh 12-inch RGB Display
    - AppleColor High-Resolution RGB Monitor
    - Macintosh 12-inch Monochrome Display
    - Apple Macintosh Portrait Display

  - Support for other Apple or third-party monitors that require a video
    expansion card

- One internal expansion slot for either a NuBus card or an 030 Direct
  Slot card

- Sound input

- Apple SuperDrive (1.4MB floppy disk drive)

- 40- or 80MB internal hard disk drive

- Eight Built-in Ports
  one SCSI port, one Apple Desktop Bus (ADB) port, external disk drive
  port, two serial ports, one sound-in port, one sound-out port, one video
  port

- 1MB of on-board RAM, expandable to 17MB

- 512K of ROM, including support for: 32-bit addressing, Hierarchical
  File System, 32-Bit QuickDraw, sound input

- Choice of keyboards (sold separately): Apple Keyboard, Apple Extended
  Keyboard

- Macintosh user interface, including mouse, icons, windows, and pull-down
  menus

- Software compatibility

Benefits

- Runs applications up to five times faster than the Macintosh Classic.

- Supports A/UX, Apple's implementation of the AT&T operating system.

- Supports virtual memory.

- Provides fast processing of mathematical calculations.

- Eliminates the need for a separate video card or special driver
  software.

- Lets you work with up to 256 colors or shades of gray simultaneously on
  the Macintosh 12-inch RGB Display and the AppleColor High-Resolution RGB

Monitor, up to 256 shades of gray with the Macintosh 12-inch Monochrome
Display, and up to 16 shades of gray with the Apple Macintosh Portrait
Display.

- Lets you work with the monitor that best suits your needs -- including
  monitors that produce photographic-quality color.

- Lets you incorporate new capabilities or increase system performance by
  adding an expansion card for communications, graphics, emulation.

- Lets you add one of the NuBus cards that are available for all other
  Macintosh II systems.

- Lets you add one of the 030 Direct Slot cards that are available for the
  Macintosh SE/30 personal computer.

- Allows convenient transfer of data files between Macintosh, OS/2, MS-
  DOS, and Apple II systems.

- Provides almost twice the storage capacity of 800K disk drives.

- Provides ample storage capacity for files and applications.

- Supports up to seven peripherals such as CD-ROM drives, scanners, and
  printers.

- Supports either an external 800K or 1.4MB Apple SuperDrive floppy
  disk drive.

- Provides access to LocalTalk cable-based networks, which allow you to
  connect Macintosh IIsi systems to other computers and to LaserWriter
  printers through the AppleTalk network system.

- Supports sound input via microphone or phono jack adapter.

- Supplies four-voice digital sound output that is compatible with all
  applications that use Macintosh sound.

- Provides connection to all monitors supported by the Macintosh IIsi
  computer's built-in monitor support.

- Lets you work with large amounts of data, such as large spreadsheets,
  scanned images, and sound files.

- Enables future 32-bit versions of the Macintosh Operating System to
  address up to 4 gigabytes of memory.

- Enables color systems to display up to 16 million colors simultaneously.

- Apple Keyboard includes a numeric keypad and cursor keys.

- Apple Extended Keyboard also includes 15 function keys, letting you work
  effectively with alternate operating systems, terminal-emulation

programs, and other data communications applications.

- Makes most applications intuitive and easy to learn.

- Reduces training and support costs.

- Provides a consistent user interface across applications.

- Allows multiple applications to be opened concurrently.

- Lets you easily cut and paste parts of documents from one application to
  another.

- Allows background tasks to be run while you interact with applications
  in the foreground.

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Keywords: specsht

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19960215 11:05:19.00

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