

# Features

# Benefits

- Eight built-in ports:
  - One SCSI port
  - One Apple Desktop Bus<sup>s</sup> (ADB) port
  - External disk drive port
  - Two serial ports
  - One sound-in port
  - One sound-out port
  - One video port

- Provide support for up to seven popular peripherals such as CD-ROM drives, scanners, and printers.
- Permit communication with the keyboard, mouse, and other devices.
- Support either an external 800K or 1.4-megabyte Apple SuperDrive floppy disk drive.
- Provide access to LocalTalk<sup>®</sup> cable-based networks, which allow you to connect Macintosh IIsi systems to other computers and to LaserWriter<sup>®</sup> printers through the AppleTalk<sup>®</sup> network system.
- Support sound input via microphone or phono jack adapter.
- Supply high-quality, four-voice digital sound output that is compatible with all applications that use Macintosh sound.
- Provide connection to all monitors supported by the Macintosh IIsi computer's built-in monitor support.

- 1 megabyte of on-board RAM, expandable to 17 megabytes

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

- 512K of ROM, including support for:
  - 32-bit addressing
  - Hierarchical File System
  - 32-Bit QuickDraw<sup>s</sup>
  - Sound input

- Enables future 32-bit versions of the Macintosh Operating System to address up to 4 gigabytes of memory.
- Organizes document storage and allows easy access to files.
- Enables color systems to display up to 16 million colors simultaneously.

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

- 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.

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

- Makes most applications intuitive and easy to learn.
- Reduces training and support costs.
- Provides a consistent user interface across applications.

- MultiFinder<sup>®</sup> operating system

- 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.

- Software compatibility

- Lets you run virtually all Macintosh software.

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· 68030 microprocessor, running at 20 megahertz  
--Built-in Memory Management Unit (MMU)

· Delivers high-speed system performance and enables the Macintosh IIx to run applications up to five times faster than the Macintosh Classic.  
· Supports A/UX, Apple's implementation of the AT&T UNIX operating system.  
· Will support the virtual memory feature in future system software versions.

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

· Provides fast processing of mathematical calculations generated by applications such as CAD/CAM and sophisticated graphics packages.

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· Multiple monitor options including:  
--Built-in video support for four Apple monitors: Macintosh 12" RGB Display, AppleColor® High-Resolution RGB Monitor, Macintosh 12" Monochrome Display, and Apple Macintosh Portrait Display  
--Support for other Apple or third-party monitor that requires a video expansion card

· Lets you choose from the most popular Apple displays, both color and monochrome.  
· 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" RGB Display and the AppleColor High-Resolution RGB Monitor, up to 256 shades of gray with the Macintosh 12" 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.

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

· Lets you incorporate new capabilities or increase system performance by adding an expansion card for communications, graphics, emulation, and more.  
· Lets you add one of hundreds of NuBus cards that are already available for all other Macintosh II systems.  
· Lets you add one of the many 030 Direct Slot cards that are available for the Macintosh SE/30 personal computer.

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· Sound input

· Allows you to add voice comments to voice-capable word processing, spreadsheet, presentations, and other documents.

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· Apple SuperDrive<sup>®</sup> (1.4-megabyte floppy disk drive)

· 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.

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· 40- or 80-megabyte internal hard disk drive

· Provides ample storage capacity for files and applications.