Macintosh Quadra 950

Maximum power . . . expansion . . . flexibility—the Apple Macintosh Quadra 950 personal computer delivers all three in the most powerful Macintosh ever.

With its 33-megahertz Motorola 68040 microprocessor, faster graphics architecture, and improved SCSI and NuBus capabilities, the Macintosh Quadra 950 runs applications 30 percent faster than the Macintosh Quadra 700. You will appreciate its speed every time you scroll, search, and sort—and even more when the computer redraws complex graphics, recalculates intricate spreadsheets, or reformats large documents.

Unlike other personal computers, the Macintosh Quadra 950 also comes with many built-in capabilities that give you fast, direct access to the resources you need. With built-in networking, for instance, you can plug your system directly to high-speed Ethernet or LocalTalk networks without having to buy additional cards. Built-in support for all Apple displays makes it easy to connect your display without adding video cards. And thanks to built-in support for 16 and 24 bits of color, QuickTime movies look great, and you can work with photographic-quality images. Ten built-in ports give you instant access to printers, scanners, high-capacity disk drives, and more.

In the Macintosh Quadra 950, you'll also find the ultimate in flexibility. The Quadra 950 supports up to 64 megabytes of RAM, so you can work with larger files and many open applications. Five expansion slots let you customize your system with specialized NuBus cards. And the Quadra 950 also supports up to four storage devices. There's another plus: The Quadra 950 provides an electronic key lock for added security.

Macintosh Quadra 950 Features

Power and speed
- 33 MHz 68040 microprocessor runs applications 30% faster than a Macintosh Quadra 700

Memory
- 8 megabytes of RAM, expandable to 64

Expansion
- Ten built-in ports for peripherals
- Up to four storage devices
- Five NuBus expansion slots

Display
- Built-in support for all Apple monitors
- Up to 32 bits per pixel for true color

Features Built Into Every Macintosh

Usability
- Runs thousands of Macintosh applications
- Easy to set up, learn, and use

System software
- System 7, with multitasking, file sharing, Balloon Help, and TrueType fonts

Networking
- Built-in LocalTalk
- File sharing without a dedicated server

Compatibility
- Macintosh, MS-DOS, OS/2, and ProDOS floppy disk formats

Macintosh Quadra 950

Technical Specifications

Microprocessor
- MC68040, 32-bit architecture, 33-megahertz clock speed
- Integral Paged Memory Management Unit (PMMU), Floating Point Unit (FPU), and 8-kilobyte cache architecture

Memory
- Comes with 8 megabytes of RAM standard and 8 memory expansion slots for SIMMs (Single In-line Memory Modules)
- Expands to up to 64 megabytes of RAM by installing 4-megabyte SIMMs in the empty slots and replacing existing 1-megabyte RAM SIMMS with 4-megabyte RAM chips

Disk drives
- Built-in Apple SuperDrive 1.4-megabyte floppy disk drive
- Support for up to three additional devices, such as a CD-ROM drive or Apple SCSI hard disk drive (several capacities available)

Video display
- Supports Apple monochrome and color monitors, including:
— Macintosh 12" RGB Display
— Macintosh 12" Monochrome Display
— AppleColor High-Resolution RGB Monitor
— Macintosh Portrait Display
— Macintosh 16" Color Display
— Macintosh Two-Page Monochrome Monitor
— Macintosh 21" Color Display
- Supports other non-Apple monitors, including some 19", VGA, SVGA, NTSC, and PAL

Video RAM
- 1 megabyte, upgradable to 2 megabytes for display of more colors or shades of gray on a monitor

Interfaces
- One Apple Desktop Bus (ADB) port, supporting a keyboard, mouse, and other devices daisy-chained through a synchronous serial bus
- Two serial (RS-232/RS-422) ports, 230.4 kilobits per second maximum (up to 0.920 megabits per second if clocked externally)
- SCSI bus interface
- Video port to support RGB and monochrome monitors of various sizes and resolutions
- Five internal NuBus expansion slots
- One processor-direct slot provides access to the CPU for highest-possible performance
- Stereo sound output port capable of delivering sound to both channels of a stereo device
- Sound input port for monaural sound input
- Dual mono line input ports
- AAUI-15 Ethernet connector

Keyboard
- Supports all Apple Desktop Bus keyboards

Mouse
- Apple Desktop Bus Mouse; mechanical tracking, optical shaft, or contact encoding

Sound generator
- Custom Sound Chip drives stereo miniature headphone jack

Clock/calendar
- Custom chip with long-life lithium battery

Microphone
- Electret, omnidirectional; output voltage is 4 millivolts, peak to peak, at normal volume

Disability access
- CloseView, Easy Access, and visible beep included with system software. These built-in features and third-party options provide alternative input and output tools for people with disabilities.

Electrical requirements
- Line voltage: 100 to 240 volts AC, RMS automatically configured
- Frequency: 50 to 60 hertz, single phase
- Power: 303 watts maximum, not including monitor power

ADB power requirements
- Maximum current draw for all ADB devices: 500 milliamps (a maximum of three ADB devices is recommended)
- Mouse draws 80 milliamps
- Keyboard draws 25 to 80 milliamps, depending on the keyboard model used

Operating environment
- Operating temperature: 50° F to 104° F (10° C to 40° C)
- Storage temperature: −40° F to 116.6° F (−40° C to 47° C)
- Relative humidity: 20% to 80% noncondensing
- Maximum altitude: 10,000 ft. (3,048 m)

Size and weight
Main unit:
- Height: 18.6 in. (47.3 cm)
- Width: 8.9 in. (22.4 cm)
- Depth: 20.6 in. (52.3 cm)
- Weight: 36 lb. 12 oz. (16.7 kg)*
Mouse:
- Height: 1.1 in. (2.8 cm)
- Width: 2.1 in. (5.3 cm)
- Depth: 3.8 in. (9.7 cm)
- Weight: 6 oz. (.17 kg)

*Weight will be greater with an internal hard disk.

Ordering Information

Macintosh Quadra 950 8/Apple SuperDrive
Order No. M6710LL/A
- Macintosh Quadra 950 personal computer with 8 megabytes of RAM and built-in 1.4-megabyte Apple SuperDrive
- Mouse
- Microphone
- System software
- Complete documentation
- Limited warranty statement

Macintosh Quadra 950 8/230
Order No. M6720LL/A
- Macintosh Quadra 950 personal computer with 8 megabytes of RAM and built-in 230-megabyte internal hard disk
- All other features included with the Macintosh Quadra 950 8/Apple SuperDrive

Macintosh Quadra 950 8/400
Order No. M6730LL/A
- Macintosh Quadra 950 personal computer with 8 megabytes of RAM and built-in 400-megabyte internal hard disk
- All other features included with the Macintosh Quadra 950 8/Apple SuperDrive