Macintosh Quadra 800

With outstanding performance and expansion, the Apple Macintosh Quadra 800 delivers all the features you expect from the highest performance, most expandable Macintosh line. And the Macintosh Quadra 800 sets a new standard for value.

With its fast, 33-megahertz Motorola 68040 microprocessor, accelerated graphics architecture, and improved SCSI and NuBus capabilities, the Macintosh Quadra 800 runs applications 30 percent faster than the Quadra 700. You'll appreciate the speed of the Quadra 800 each time an application opens a file, draws graphics on the display, or tackles a complex calculation.

Like all Macintosh Quadra computers, the Macintosh Quadra 800 gives you unique, built-in capabilities for fast and direct access to the resources you need. For example, the internal display controller provides 256 colors on the Macintosh 16-inch display. For photographic quality images and

QuickTime movies with lifelike color, you can upgrade the Quadra 800 to display more than 32,000 colors on the same 16-inch display. If you need to share information in a high-speed network, the Quadra 800 comes with built-in Ethernet.

The Macintosh Quadra 800 comes with a high-capacity internal hard disk and provides room for three more internal storage devices. You can add CD-ROM drives, high-capacity SyQuest drives, or additional hard disk drives without losing desk space.

The Macintosh Quadra 800 expands to meet your future needs. To run larger applications or more applications at once, you can have up to 136 megabytes of random-access memory (RAM). To customize your system, you can install up to three NuBus expansion cards, and you can add printers, scanners, modems, and other peripheral devices by connecting to any of the eight built-in ports.

Macintosh Quadra 800 Features

Power and speed
> 33-MHz 68040 processor
> Integrated 33-MHz math coprocessor
> 8K integrated cache

Memory
> 8 MB of RAM, expandable to 136 MB

Display
> Works with all Apple displays
> 256 colors, expandable to 32,768

Expansion
> Room for three internal storage devices including the AppleCD 300i internal CD-ROM drive
> Three NuBus expansion slots
> One inline 68040 processor-direct slot

Features Built Into Every Macintosh

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

System software
> System 7 with multitasking, file sharing, QuickTime, Balloon Help, TrueType, and more

Networking
> Built-in AppleTalk networking
> File sharing without a dedicated server

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

Macintosh Quadra 800

Microprocessor
> MC68040, running at 33-MHz clock speed
> Integrated 33-MHz floating point unit (FPU)
> Integral Paged Memory Management Unit (PMMU), and 8K cache architecture

Memory
> Comes with 8 MB of RAM on the logic board
> Four industry-standard 72-pin Single Inline Memory Module (SIMM) sockets allow expansion to 136 MB
> Includes RAM disk software

Disk drives
> One built-in Apple SuperDrive 1.4-MB floppy disk drive
> Accommodates one full-height, 3.5-in. hard disk drive and one removable 3.5-in. device
> Accommodates one 5.25-in., half-height device, such as the AppleCD 300i internal CD-ROM drive

Video display
> Supports all Apple displays
> Works with a wide range of 3rd party displays, including some 19-in., VGA, SVGA, NTSC, and PAL monitors

Video RAM (VRAM)
> 512K standard supports:
-- 32,768 colors on the Macintosh 12-inch RGB Display
-- 256 colors on the AppleColor High-Resolution RGB Display (13"), Macintosh Color Display (14"), and Macintosh 16-inch Color Display
-- 256 shades of gray on the Macintosh 12-inch Monochrome Display
-- 16 shades of gray on the Macintosh Portrait Display (15")
-- 16 colors on the Macintosh 21-inch Color Display

> 1,024K option supports:
-- 32,768 colors on the Macintosh 12-inch RGB Display, AppleColor High-Resolution RGB Display (13"), Macintosh Color Display (14"), and Macintosh 16-inch Color Display
-- 256 shades of gray on the Macintosh 12-inch Monochrome Display and Macintosh Portrait Display (15")
-- 256 colors on the Macintosh 21-inch Color Display

Interfaces
> Three internal NuBus expansion slots
> One 68040 processor-direct slot
> SCSI interface for connecting up to six external devices
> AAUI-15 Ethernet connector
> Two serial (RS-232/RS-422) ports, 230.4 Kbit/sec maximum (up to 0.920 Mbit/sec if clocked externally)
> One video port for color and monochrome displays of various sizes and resolutions
> One sound-output port for stereo playback from CDs and stereo playback of Macintosh sound
> One monaural sound-input port
> Two Apple Desktop Bus (ADB) ports for a keyboard, mouse, and other devices

Sound generator
> Custom integrated circuit that drives a stereo miniature headphone jack (22 kHz sample rate)

Keyboard and mouse
> Works with several ADB keyboards
> Apple Desktop Bus Mouse II

Clock/calendar
> Custom integrated circuit with long-life lithium battery

Disability access
> CloseView, Easy Access, and visible-beep software are built in. These and third-party options provide alternative input and output devices.

Power requirements
> Line voltage: 100 to 240 V AC, RMS, automatically configured
> Frequency: 50 to 60 Hz, single phase
> Power: 200 W maximum, not including display power

ADB power requirements
> Maximum current draw for all ADB devices: 500 mA (three ADB devices maximum recommended)
> Mouse draws 10 mA
> Keyboard draws 25 to 80 mA, depending on the model used

Size and weight
Main unit:
> Height: 14.25 in. (30.6 cm)
> Width: 8.9 in. (19.6 cm)
> Depth: 16.0 in. (39.6 cm)
> Weight*: 25.3 lb. (11.5 kg)

Mouse:
> Height: 1.3 in. (3.3 cm)
> Width: 2.4 in. (6.2 cm)
> Depth: 4.2 in. (10.7 cm)
> Weight: 4.0 oz. (0.10 kg)

* Weight will vary based on internal devices installed

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: 5% to 95% noncondensing
> Maximum altitude: 10,000 ft. (3,048 m)

Macintosh Quadra 800 8D/0.5V/230
Order No. M1287LL/A
> Macintosh Quadra 800 computer with 8 MB of RAM, 512K of video RAM for 256-color capability, 230-MB internal hard disk drive, 1.4-MB internal Apple SuperDrive, and Ethernet
> Mouse
> System software with complete setup, learning, and reference documentation
> Limited warranty statement

Macintosh Quadra 800 8D/0.5V/500
Order No. M1288LL/A
> Macintosh Quadra 800 computer with 8 MB of RAM, 512K of video RAM for 256-color capability, 500-MB internal hard disk drive, 1.4-MB internal Apple SuperDrive, and Ethernet
> All software and accessories provided with the Macintosh Quadra 800 8D/0.5V/230

Macintosh Quadra 800 8D/1V/500/CD
Order No. M1329LL/A
> Macintosh Quadra computer with 8 MB of RAM, 1 MB of video RAM for 32,768-color capability, 500-MB internal hard disk drive, AppleCD 300i CD-ROM drive, 1.4-MB internal Apple SuperDrive, and Ethernet
> All software and accessories provided with the Macintosh Quadra 800 8D/0.5V/230