Macintosh Quadra 630

Power and speed
- 66/33-MHz 68040 microprocessor with 32-bit data bus
- Integrated math coprocessor
- 4MB of RAM, expandable to 36MB

Display support
- 1MB of video memory supports Apple displays of up to 15 inches
- Works with a wide range of VGA and SVGA monitors

Expansion
- Can be upgraded to PowerPC
- Comes with built-in ports for hard drives, printers, scanners, and modems
- Supports most processor-direct cards compatible with Macintosh Quadra 605 and Macintosh LC series of computers via an internal expansion slot
- Includes a communications slot for an Ethernet connection or 14.4-baud fax/data modem
- Has video slot for NTSC, PAL, and SECAM video-input card
- Includes expansion bay for television tuner
- External drop box provides expansion for NTSC or PAL video output
- Includes bay for CD-ROM player

Convenience
- Offers power on and off controls from the keyboard
- Includes an energy-saving feature that reduces power consumption by 50 percent for EPA Energy Star compliance

Features Built Into Every Macintosh

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

System software
- System software version 7.1 with multitasking, file sharing, QuickTime, Balloon Help, TrueType fonts, and more

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

Compatibility
- Reads and writes Macintosh, MS-DOS, OS/2, and ProDOS disks

The Apple Macintosh Quadra 630 computer is the most advanced CD-ROM–capable Apple multimedia system. And it's upgradeable to take advantage of PowerPC technology, so it can bring you multimedia opportunities for years to come.

Its advanced multimedia expansion options offer new ways to interact with information. You can connect to an external video source such as a VCR or camcorder to cut and paste video images. You can also add an option to connect your computer to a large-screen TV for displaying presentations. And you can add an internal TV tuner to view television channels in a window on your display.

As your needs grow, you can expand the Macintosh Quadra 630 to up to 36 megabytes of RAM.

Multiple ports allow you to connect it to peripherals such as external disk drives or scanners. And a flexible communications slot makes it easy to add a modem or an Ethernet networking card.

Like all Macintosh computers, it's very easy to learn about and use, and it runs thousands of Macintosh programs, allowing you to work with leading business, multimedia, and education applications as well as interactive CD-ROM titles.

The affordable Macintosh Quadra 630 includes many standard features that are expensive add-ons for other computers. These include 16-bit CD stereo sound, support for Apple and third-party displays, and AppleTalk networking for access to printers, electronic mail, and file sharing.

The Macintosh Quadra 630, with its optional CD-ROM player, adds up to an expandable, advanced multimedia Macintosh system—while its price adds up to less than $1,700.

Macintosh Quadra 630

Microprocessor
- 66/33-MHz Motorola 68040 with 32-bit data bus (66-MHz processor/33-MHz data bus)
- Integrated math coprocessor, Page Memory Management Unit (PMMU), and 8K cache

Memory
- 4MB of RAM, expandable to 36MB using one 72-pin SIMM (dealer installation recommended)

Disk storage
- One built-in 1.4MB Apple SuperDrive floppy disk drive that uses high-density floppy disks and reads, writes, and formats Macintosh, MS-DOS, OS/2, and ProDOS disks
- One internal 250MB hard disk
- Internal bay for CD-ROM player

Displays
- Supports Apple displays of up to 15 inches
- Works with a wide range of third-party VGA and SVGA displays

Display support
- 1MB DRAM display support, independent from system DRAM

Color depth support
- Standard 16-bit color for display of up to 32,768 colors on monitors of up to 14 inches and on 15-inch monitors at 640- by 480-pixel resolution
- Standard 8-bit color for display of 256 colors on 15-inch monitors at 800- by 600-pixel resolution

Interfaces
- One Apple Desktop Bus (ADB) port supports a keyboard, mouse, and other devices
- Two (RS-232/RS-422) serial ports
- SCSI interface port for connecting up to six external peripheral devices (five in configurations with internal CD-ROM player)
- Internal expansion slot compatible with most Macintosh Quadra 605, Macintosh LC II, LC III, LC 475, LC 520, LC 575, and Macintosh Performa processor-direct cards
- Communications slot for either Ethernet card or 14.4-baud fax/modem card
- Video slot for NTSC, PAL, and SECAM video-input card
- Dedicated connector for internal TV tuner
- One standard monitor port also supports connection to external video-out (NTSC or PAL) drop box

Networking
- Serial port for AppleTalk

Sound
- Stereo 8-bit sound capable of driving stereo headphones or other stereo equipment through the sound jack
- Stereo 16-bit CD playback
- One sound-in port
- Front and rear headphone jacks

Keyboard and mouse
- Compatible with all Apple keyboards
- Apple Desktop Bus Mouse II

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

Disability access
- Close View, Easy Access, and the ability to substitute visual cue for beep included with system software. These built-in solutions and third-party options provide alternative input and output devices for people with disabilities.

Electrical requirements
- Line voltage: 100 to 240 volts AC, RMS, single phase, nominal
- Frequency: 50 to 60 Hz
- Power: 45 W maximum, not including monitor

ADB power requirements
- Maximum current draw for all ADB devices: 500 mA (a maximum of three ADB devices is recommended)
- Mouse draws 10 mA
- Keyboard draws 25 to 80 mA (varies with keyboard model used)

Size and weight
- Height: 4.3 in. (10.95 cm)
- Width: 12.6 in. (32 cm)
- Depth: 16.5 in. (41.95 cm)
- Weight: 19 lb. (8.6 kg) with CD-ROM player (varies based on internal devices installed)

Operating environment
- Operating temperature: 50° to 104° F (10° to 40° C)
- Storage temperature: –40° to 116.6° F (–40° to 47° C)
- Relative humidity: 5% to 95% noncondensing
- Maximum altitude: 10,000 ft. (3,048 m)

Macintosh Quadra 630 4/250
Order No. M3491LL/A
- Macintosh Quadra 630 personal computer with 4MB of RAM, 1MB of video memory, a built-in 1.4MB Apple SuperDrive, floopy disk drive, and an internal 250MB hard disk drive
- Mouse
- Complete setup, learning, and reference documentation
- System software version 7.1
- Limited warranty

Apple Video System
Order No. M2894LL/A

Apple Video/TV System
Order No.M2896LL/A

Apple Presentation System
Order No. M2895LL/A

Macintosh 10BaseT Ethernet Port Kit
Order No. M3065LL/A

Macintosh 10Base2 Ethernet Port Kit
Order No. M2708LL/A

Macintosh AAUI Ethernet Port Kit
Order No. M3066LL/A

Macintosh 14.4 Fax/Modem Kit
Order No. M2480LL/A

Product specifications are subject to change. Check with your authorized Apple reseller for the most current information about product specifications and configurations.

Apple Computer, Inc.
1 Infinite Loop
Cupertino, CA 95014
(408) 996-1010
TLX 171-576