



Macintosh Quadra 605

Features

Power and speed

- 25-MHz 680LC40 microprocessor

Memory

- 4MB of RAM on board, expandable to 36MB

Displays

- Works with all Apple and many third-party displays
- 256 colors, expandable to 32,768

Expansion

- Slot supports most Macintosh LC II, LC III, and LC 520 expansion cards
- Seven built-in ports for peripherals

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, 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

The Apple Macintosh Quadra 605 personal computer, Apple's most affordable high-performance desktop system, is an ideal multipurpose personal computer for business and professional users. Like all Macintosh Quadra computers, it puts the highest levels of Macintosh performance and flexibility at your fingertips. Yet the Macintosh Quadra 605 brings the cost of high performance down to almost any budget, and its new, slimline design saves desk space.

The Macintosh Quadra 605 uses the powerful 680LC40 processor, so you can scroll, search, and sort through your applications faster than ever before. You'll also appreciate the speed with which the Macintosh Quadra 605 redraws graphics, recalculates spreadsheets, and reformats large documents. It comes with 4 megabytes of RAM on board, expandable to 36, so you can work with multiple applications simultaneously.

Like other Macintosh Quadra computers, the Macintosh Quadra 605 includes many standard features that you pay extra for on other computers—for instance stereo sound and built-in support for all Apple displays (256 colors) and many third-party displays. With additional video RAM, it can display more than 32,000 colors on 14- and 16-inch displays.

The Macintosh Quadra 605 also has built-in networking capability, comes standard with an Apple SuperDrive, and accommodates an 80- or 160-megabyte internal hard disk. Multiple ports provide direct connection to peripherals such as high-capacity CD-ROM drives, scanners, and modems, so you can create the system that fits your needs. As an added advantage, the Macintosh Quadra 605 is one of the most energy-efficient systems Apple has ever built, and is fully compliant with the Energy Star program of the Environmental Protection Agency.





Macintosh Quadra 605

Ordering Information

Macintosh Quadra 605 4/80

Order No. M1821LL/A

- Macintosh Quadra 605 computer with 4MB of RAM, 512K of VRAM, built-in 1.4MB Apple SuperDrive, and internal 80MB hard disk drive
- Mouse
- Complete setup, learning, and reference documentation
- System software version 7.1
- Training tutorial
- Limited warranty

Optional Macintosh Quadra 605 configuration

Order No. M1822LL/A

- Macintosh Quadra 605 with 8MB of RAM, 512K of VRAM, built-in 1.4MB Apple SuperDrive, and internal 160MB hard disk drive

VRAM Expansion Kit

Order No. M0517LL/A

(Requires two kits for expansion to 1MB VRAM)

DRAM Expansion Kit

Order No. M1507LL/A (4MB)

Order No. M1508LL/A (8MB)

Technical Specifications

Microprocessor

- MC68LC040, running at 25-MHz clock speed

Memory

- Comes with 4MB of RAM on board
- Can be expanded to up to 36MB of RAM with a 72-pin SIMM (dealer installation required)

Disk drives

- One built-in Apple SuperDrive 1.4MB floppy disk drive
- One internal 80MB or 160MB hard disk

Displays

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

Video RAM (VRAM)

- 512K standard
- Expandable to 1MB

Color depth support

- Standard 8-bit color for display of 256 colors on monitors up to 16 in.
- 16-bit color with additional 512K of VRAM; permits display of thousands of colors on monitors up to 16 in.

Interfaces

- Apple Desktop Bus (ADB) port for a keyboard, mouse, and other devices
- SCSI interface for connecting up to six external peripheral devices
- Two serial (RS-232/RS-422) ports
- Video port for color and monochrome displays of various sizes and resolutions
- Sound-output port (stereo) for external amplifier or headphones
- Sound-input port for stereo sound input
- Slot for most expansion cards that are compatible with Macintosh LC II, LC III, and LC 520 Processor Direct Slots

Networking

- Serial port for AppleTalk

Sound generator

- Built-in speaker
- Stereo 8-bit sound that is capable of driving stereo headphones or other stereo equipment through the sound jack

Sound input

- 8-bit analog-to-digital monophonic recording
- Sample rates: 11 or 22 kHz

Keyboard and mouse

- Several ADB keyboards with numeric keypads available (sold separately)
- Apple Desktop Bus Mouse II

Clock/calendar

- Custom integrated circuit with long-life lithium battery

Disability access

- CloseView, Easy Access, and visible 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: 90 to 240 VAC, RMS single phase, automatically configured
- Frequency: 50 to 60 Hz
- Power: 30 W maximum, not including display power
- EPA Energy Star compliant

ADB power requirements

- Maximum current draw for all ADB devices: 200 mA (three ADB devices maximum recommended)
- Mouse draws 80 mA
- Keyboard draws 25 to 80 mA (depending on the model used)

Size and weight

- Height: 2.9 in. (7.4 cm)
- Width: 12.2 in. (31.0 cm)
- Depth: 15.3 in. (38.8 cm)
- Weight: 8.8 lbs (4.0 kg) (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: 20% to 80% noncondensing
- Maximum altitude: 10,000 ft. (3,048 m)

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