



Macintosh Quadra 610 DOS Compatible

Features

High performance

- 25-MHz Motorola 68040 processor
- 25-MHz Intel486 sx processor
- 8MB of RAM, expandable to 100MB
- 512K of VRAM, expandable to 1MB (Macintosh environment)
- 512K of RAM for video (DOS environment)

Flexible display options

- Features built-in support for one or two displays
- Works with all Apple displays as well as third-party NTSC, PAL, VGA, and SuperVGA displays (Macintosh environment)
- Works with Apple 13-inch, 14-inch, and 16-inch displays as well as third-party VGA and SuperVGA displays (DOS environment)

Broad expansion capabilities

- Comes with eight built-in ports to support a wide range of peripherals
- Features an external PC game port
- Offers the option of an internal CD-ROM drive
- Includes on-board Ethernet (AAUI) (Macintosh environment)

Keep your options open with Apple's most compatible personal computer. Like all Macintosh Quadra computers, the Macintosh Quadra 610 DOS Compatible delivers the high performance you need to get the job done in a demanding environment. Because it's a Macintosh, you can run your favorite Macintosh software. And because it's DOS compatible, you now have an easy way to use DOS and Windows applications on a Macintosh. You can even instantly switch between the Macintosh and DOS environments to take advantage of the best of both worlds.

Offering a breakthrough in affordable power and compatibility, the Macintosh Quadra 610 DOS Compatible features dual microprocessors. Its fast Motorola 68040 processor provides high performance for Macintosh applications. And its Intel486 sx processor delivers strong performance for DOS and Windows applications. Because these microprocessors work independently, you can run Macintosh and DOS or Windows applications simultaneously and even cut and paste information between them. And the Macintosh Quadra 610 DOS Compatible comes with 8 megabytes of RAM, expandable to 100 megabytes for users who need additional power.

For convenience, the Macintosh Quadra 610 DOS Compatible supports up to two displays without requiring an additional video card. When configured with a single display, the computer allows you to switch instantly from the Macintosh environment to the DOS environment and vice versa. So you can use your favorite Macintosh application while running a DOS or Windows application in the background. And, if you prefer to keep an eye on both environments simultaneously, you can simply add a second display.

You'll also find the Macintosh Quadra 610 DOS Compatible easy to expand. It comes with eight built-in ports—and even an external PC game port—so you can set up a system that exactly meets your needs. Its high-speed SCSI interface lets you add high-volume storage devices, such as the AppleCD 300i internal CD-ROM drive, so you can run hundreds of exciting Macintosh, DOS, and Windows CD-ROM titles.

In short, the Macintosh Quadra 610 DOS Compatible can help you to get your work done easily and efficiently—no matter what environment you're working in.





Macintosh Quadra 610 DOS Compatible

Ordering Information

Macintosh Quadra 610 DOS Compatible

Order No. M2322LL/A

- Macintosh Quadra 610 computer with 8MB of RAM, 512K of VRAM, built-in 1.4MB Apple SuperDrive, internal 160MB hard disk drive, and on-board Ethernet
- DOS Compatibility Card for Macintosh
- System software version 7.1
- MS-DOS version 6.2
- Complete setup, learning, and reference documentation
- Limited warranty

DOS Compatibility Card for Macintosh

Order No. M2153LL/A

- For use with Macintosh Centris 610 or Macintosh Quadra 610

Technical Specifications

Microprocessors

- 25-MHz Motorola 68040; 32-bit data bus
- 25-MHz Intel486 sx; 32-bit data bus

Memory

- 8MB of RAM, expandable to 68MB using two 72-pin SIMM slots on Macintosh logic board (dealer installation required)
- Single Macintosh-compatible 72-pin SIMM slot for up to 32MB of local RAM on DOS Compatibility Card (dealer installation required)
- DOS environment can access either shared memory on the Macintosh logic board (up to 64MB) or local memory on the DOS Compatibility Card (up to 32MB)

Storage

- Built-in Apple SuperDrive 1.4MB floppy disk drive, which uses high-density floppy disks and reads, writes, and formats Macintosh, Windows, MS-DOS, OS/2, and ProDOS disks
- Internal hard disk
- Optional internal CD-ROM drive

Displays

- Features built-in support for one or two displays
- Works with all Apple displays as well as third-party NTSC, PAL, VGA, and SuperVGA displays (Macintosh environment)
- Works with Apple 13-inch, 14-inch, and 16-inch displays as well as third-party VGA and SuperVGA displays (DOS environment)

Video RAM (VRAM)

- 512K standard, expandable to 1MB (Macintosh environment)
- 512K RAM for video (DOS environment)

Interfaces

- Two Apple Desktop Bus (ADB) ports for a keyboard, a mouse, and other devices
- Two serial (RS-232/RS-422) ports for Macintosh-compatible devices
- SCSI interface for connecting as many as six external devices
- Video port for color and monochrome displays of various sizes and resolutions
- PC game port (DOS environment)
- AAUI-15 Ethernet connector

Networking

- Serial port for AppleTalk
- Built-in Ethernet

Sound generator

- Built-in speaker
- Stereo 8-bit sound capable of driving stereo headphones or other stereo equipment through the sound jack (Macintosh environment)

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
- Apple Desktop Bus Mouse II

Clock/calendar

- Custom integrated circuit with long-life lithium battery

Disability access

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

Electrical requirements

- Line voltage: 100 to 240 VAC, RMS single phase, automatically configured
- Frequency: 50 to 60 Hz, single phase
- Power: 210 W (maximum), not including monitor power

ADB power requirements

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

Environmental requirements

- Operating temperature: 50° to 104° F (10° to 40° C)
- Storage temperature: -40° to 117° F (-40° to 47° C)
- Relative humidity: 5% to 95% noncondensing
- Maximum altitude: 10,000 ft. (3,000 m)

Size and weight

- Height: 3.4 in. (8.6 cm)
- Width: 16.3 in. (41.4 cm)
- Depth: 15.6 in. (39.6 cm)
- Weight: 16.2 lb. (7.4 kg)*

**Weight will vary based on internal devices installed*

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