# Tech Info Library

## Quadra 610: Description (5/96) (Discontinued)

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Security:       Everyone


Quadra 610: Description (5/96) (Discontinued)


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TOPIC -------------------------------------------------------------


This article describes the Macintosh Quadra 610 computer.


DISCUSSION --------------------------------------------------------


Overview
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Based on the fast 25-mHz Motorola 68040 processor, the Macintosh Quadra 610
provides affordable high performance. It comes with 8MB of RAM and an integral
math coprocessor (no FPU in the USA's 8/160 configuration). You can expand
memory to up to 68MB for sophisticated graphics and multimedia applications as
well as mainstream business programs.


The Quadra 610 provides high-speed Ethernet support on-board.


For convenience, the Quadra 610 supports all Apple displays and almost any
commonly available third-party display, including monochrome or color, portrait
or landscape, RGB or VGA, and any screen size. You can display up to 256 colors
on all Apple color monitors and, with additional video RAM, more than 32,000
colors on most Apple monitors. Which means you get more colors than ever from
your display without having to purchase an additional video card.


The Quadra 610 is easy to expand. It comes with eight built-in ports and an
expansion slot, so you can set up a system that meets your exact needs, as well
as increase your computing power as your needs grow.


The Quadra 610 includes an internal hard drive. 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 CD-ROM titles.


Features
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- 25-MHz 68040 processor with integral math coprocessor
- 8MB of RAM, expandable to 68MB
- 512K of VRAM, expandable to 1MB
- Works with all Apple monitors as well as many third-party NTSC, PAL, VGA, and SuperVGA displays

Expansion
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- With 512K VRAM upgrade, supports 16-bit color, allowing for display of thousands of colors
- Eight built-in ports to support a wide range of peripherals
- Slot for processor-direct or NuBus expansion card (requires adapter)
- Optional internal CD-ROM drive
- On-board Ethernet (AAUI)

Compatibility & Networking
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- Runs thousands of Macintosh applications
- Reads Macintosh, Windows, MS-DOS, OS/2, and ProDOS floppy disk formats
- Built-in AppleTalk networking
- File sharing without a dedicated server
- On-board Ethernet (AAUI)

Ordering Information
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Order No. M2319LL/A
- Macintosh Quadra 610 computer with 8MB RAM, 512K of VRAM, built-in 1.4MB Apple SuperDrive, and internal 160MB hard disk drive
- Ethernet
- Mouse
- System software version 7.1
- Complete setup, learning, and reference documentation
- Limited warranty

Order No. M2099LL/A
- Macintosh Quadra 610 computer with 8MB RAM, 1MB of VRAM, FPU, built-in 1.4MB Apple SuperDrive, and internal 230MB hard disk drive
- Ethernet
- AppleCD 300i
- Mouse
- System software version 7.1
- Complete setup, learning, and reference documentation
- Limited warranty

Order No. M1402LL/A
- NuBus Adapter for Quadra 610 (same as Macintosh Centris 610 NuBus adapter)
- MC68040, 25-MHz clock speed, 32-bit data bus, integral floating point unit (FPU)


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