



# Power Macintosh G3

Powerful multimedia and AV capabilities for education.

Swift. Smart. Extremely stylish. The new Power Macintosh G3 computer speeds through even the most demanding tasks at a lightning pace. And with its advanced multimedia features designed especially to meet the needs of education, it provides the power and versatility educators demand.





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## Features

### Incredible performance

- PowerPC G3 processor running at 300 MHz
- Support for up to 1GB of high-performance PC100 SDRAM
- Support for hard disk storage up to 100GB
- Built-in 10/100BASE-T Ethernet networking
- ATI Xclaim VR graphics card with 4MB of graphics memory (supports up to 8MB)

### Amazing capabilities

- Two high-speed FireWire ports for digital video and still cameras, printers, scanners, and other multimedia peripherals
- Two USB ports for keyboards, mice, printers, and much more
- Four PCI slots, including one dedicated slot with ATI Xclaim VR graphics card

### Stunning design

- Elegant translucent case that matches the Apple Studio Display
- Outstanding accessibility for installing cards, drives, and memory
- Attractive, convenient handles for easy carrying

### Crisp display

- 17-inch (16-inch viewable image size) Mitsubishi Diamondtron CRT
- Aperture grille technology for vivid colors and sharp text

### Avid Cinema software

- Powerful, easy-to-use video capture and editing software that lets you create professional-looking movies for use in a presentation or web page

Fast enough to handle the toughest video and publishing applications with ease. Smart enough to grow with your needs for years to come. Stylish enough to make your computer time more enjoyable than ever. With the new Power Macintosh G3 computer, all these incredible features are yours in one great system, at one remarkably low price.

Whether you want to design compelling multimedia curriculum projects or you need performance and flexibility in a system that provides a solid investment for the future, the new Power Macintosh G3 computer with Avid Cinema software is a superb choice.

At the foundation of this computer is its amazing responsiveness. With a processor speed of 300 megahertz, it can handle video and high-resolution graphics at lightning speed. Performance is further enhanced by a superfast system bus and a 512K backside cache. And you'll love the high-performance graphics and AV capabilities of the built-in ATI Xclaim VR graphics card.

In addition to its outstanding performance, the Power Macintosh G3 is one incredibly versatile computer. It has three available PCI slots and two Universal Serial Bus (USB) ports that support a wide variety of cards and peripherals. And it features a fast FireWire bus designed especially for connecting digital cameras and other high-speed devices.

Your new Power Macintosh G3 comes with a stunning new Apple Studio Display. The high quality of this display comes from a 17-inch (16-inch viewable image size) Mitsubishi Diamondtron CRT. This CRT features aperture grille technology for vivid colors and sharp text. And the vertically flat screen minimizes glare to make your viewing more comfortable.

Avid Cinema offers an easy, four-step process for making movies that allows teachers and students to become instant movie producers. And you can save your creation on videotape or as a QuickTime movie for use in classroom presentations or the school's web site.

The Power Macintosh G3: Performance, capabilities, and style that will dazzle you every day you use it.



## Specification Sheet

### Power Macintosh G3 for Education

## Technical Specifications

### Power Macintosh G3

#### Processor

- 300-MHz PowerPC G3 processor
- 512K backside level 2 cache on processor, running at 150 MHz
- 100-MHz system bus
- Integrated floating-point unit and 64K on-chip level 1 cache (32K for data and 32K for instruction)

#### Memory

- 64MB of PC100 SDRAM (3.3-volt, unbuffered, 64-bit-wide, 168-pin, running at 100 MHz)
- Four DIMM slots support up to 1GB of PC100 SDRAM using the following DIMMs:
  - 32MB, 64MB, or 128MB DIMMs (64-bit-wide, 64-Mbit technology)
  - 128MB or 256MB DIMMs (64-bit-wide, 128-Mbit technology)

#### Storage

- 6GB Ultra ATA hard disk
- 24x-speed (maximum) CD-ROM drive
- Two additional expansion bays for Ultra Wide SCSI and Ultra2 LVD SCSI drives

#### Interfaces

- Connectivity
  - Two 400-Mbps FireWire ports
  - Two 12-Mbps Universal Serial Bus (USB) ports
  - Apple Desktop Bus (ADB) port (maximum current draw for all ADB devices is 500 mA)
- Communications
  - Built-in 10/100BASE-T Ethernet connector (RJ-45)
- Expansion
  - Four PCI slots: one 32-bit, 66-MHz slot and three 64-bit, 33-MHz slots, one dedicated to the ATI Xclaim VR graphics card
- Video
  - 15-pin mini D-Sub VGA connector and Macintosh-to-VGA adapter
  - Composite and S-video connectors for video input and output
- Sound
  - Minijacks for 16-bit stereo audio input and output; 44.1-kHz sampling rate
  - Built-in speaker

#### Graphics support

- ATI Xclaim VR graphics card with 4MB of SGRAM graphics memory (supports up to 8MB), which provides 64-bit 2D/3D graphics acceleration

#### Video capabilities

- 24-bit video input
  - Support for NTSC, PAL, and SECAM
  - Up to 320- by 240-pixel capture and up to 30 frames per second
  - Maximum capture size of 640 by 480 pixels
- 24-bit video output

#### Keyboard and mouse

- Apple USB Keyboard and Apple USB Mouse

#### Electrical requirements

- Line voltage: 115V AC (90V to 132V AC) or 230V AC (180V to 264V AC)
- Frequency: 47 to 63 Hz, single phase
- Maximum continuous power (not including display): 200W

#### Environmental requirements

- Operating temperature: 50° to 104° F (10° to 40° C)
- Storage temperature: -40° to 116° F (-40° to 47° C)
- Relative humidity: 10% to 90% noncondensing
- Maximum altitude: 10,000 feet (3,048 m)

#### Size and weight

- Height: 17.0 inches (43.2 cm)
- Width: 8.9 inches (22.6 cm)
- Depth: 18.4 inches (46.7 cm)
- Weight: 28.7 pounds (13.0 kg)

### Apple Studio Display

#### Picture tube

- 17-inch (diagonal) Diamondtron CRT
- 16-inch (diagonal) viewable image size
- Superfine 0.25-mm aperture grille pitch

#### Resolutions and refresh rates

- 640 by 480 pixels at up to 85 Hz
- 800 by 600 pixels at up to 85 Hz
- 832 by 624 pixels at up to 75 Hz
- 1,024 by 768 pixels at up to 85 Hz
- 1,152 by 870 pixels at up to 75 Hz
- 1,280 by 1,024 pixels at up to 75 Hz
- 1,600 by 1,200 pixels at up to 60 Hz

#### Screen treatment

- High-contrast, antireflective, antistatic coating

#### Connectors and cables

- 15-pin mini D-Sub VGA connector
- VGA-to-Macintosh adapter

#### Size and weight

- Height: 16.8 inches (42.7 cm)
- Width: 16.2 inches (41.1 cm)
- Depth: 17.6 inches (44.7 cm)
- Weight: 45.9 pounds (20.8 kg)



## Specification Sheet

### Power Macintosh G3 for Education



### Ordering Information

**Power Macintosh G3  
with Apple Studio Display**  
Order no. B3997LL/A

- Apple USB Keyboard and Mouse
- Macintosh-to-VGA monitor adapter
- Mac OS 8.5.1
- Microsoft Internet Explorer
- Netscape Navigator
- Avid Cinema video authoring and editing software
- Complete setup, learning, and reference documentation
- Limited warranty

Preinstalled software contains electronic documentation. Backup software provided on CD-ROM.

### Related Products

- Apple 56K V.90 Internal Modem, order no. M7405
- Third-party USB peripherals
  - Imation SuperDisk floppy disk drive
  - Farallon iPrint LT Adapter
  - Kodak DC220 and DC260 digital cameras

For a list of compatible third-party USB products, visit [www.apple.com/guide](http://www.apple.com/guide) and select USB Devices from the Hardware menu.

### For More Information

For more information about these products, or to find out where to buy Apple products, visit the Apple Store for Education at [www.apple.com/education/store](http://www.apple.com/education/store) or call 1-800-800-APPL.

Apple stands behind its products with world-class service and support. Offering quality parts, extended hardware service options, phone support, and support via the Internet, we provide you with support choices that meet your needs. For more information, visit [www.apple.com/support](http://www.apple.com/support).

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