



# Power Macintosh G3

Swift. Smart. Extremely stylish. The new Power Macintosh G3 computers speed through even the most demanding tasks at a lightning pace, thanks to a PowerPC G3 processor running at up to 400 megahertz. And with built-in FireWire and USB ports, they're ready to connect to today's hottest accessories.





# Power Macintosh G3



## Features

### Incredible performance

- PowerPC G3 processor running at 300, 350, or 400 MHz
- Support for up to 1GB of high-performance PC100 SDRAM
- Up to 1MB of performance-boosting backside cache running at up to 200 MHz
- Support for hard disk storage up to 100GB
- Built-in 10/100BASE-T Ethernet networking
- ATI RAGE 128 graphics card with 16MB of graphics memory

### 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 graphics PCI slot with ATI RAGE 128 graphics card

### Stunning design

- Elegant translucent case that matches Apple's latest displays
- Outstanding accessibility for installing cards, drives, and memory
- Attractive, convenient handles for easy carrying

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're a design professional who appreciates the marriage of beauty and power, an educator who needs performance and flexibility in a system that provides a solid investment for the future, or a home user whose family wants to run business applications, Internet programs, and games, the new Power Macintosh G3 computer is a superb choice.

At the foundation of these computers is their amazing responsiveness. With processor speeds of up to 400 megahertz, they can handle video and high-resolution graphics at lightning speed. Performance is further enhanced by a superfast system bus and a backside cache of up to 1 megabyte. And if you're a design professional or you just like games, you'll love the built-in high-performance ATI RAGE 128 graphics card.

The innovative design of the Power Macintosh G3 does much more than simply make it look great. Just flip the computer open for fast access to everything inside. The easy-open (but lockable) enclosure lets you easily add memory, storage, or PCI cards. Built-in handles simplify moving the computer from room to room.

Speaking of expansion, the Power Macintosh G3 is one incredibly versatile computer. It comes with three available PCI slots and two Universal Serial Bus (USB) ports that support a wide variety of cards and accessories. And it features a fast FireWire bus designed especially for connecting digital cameras and other high-speed devices.

Don't forget to complement your new Power Macintosh G3 computer with a matching monitor from the Apple Studio Display series. Like the computer, these displays give you both power and style at an excellent price.

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

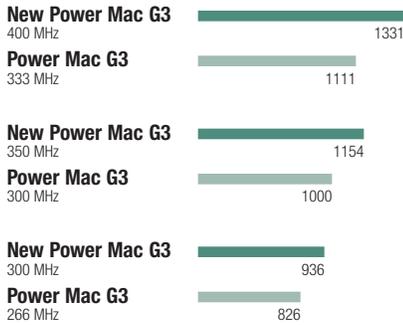


# Specification Sheet

## Power Macintosh G3

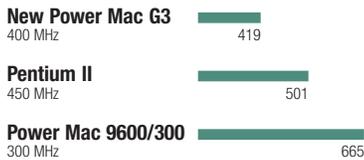
### Performance Comparisons

#### MacBench 5.0 Comparison\*



\*Based on ZD's MacBench 5.0 processor performance tests. Actual performance on applications will vary. MacBench is a subsystem-level benchmark that measures the relative performance of Mac OS-based systems. MacBench 5.0 uses a base score of 1000 for the previous 300-MHz Power Macintosh G3. (Longer bars are better.)

#### Adobe Photoshop Comparison\*



\*Total time in seconds to perform 16 commonly used operations in Adobe Photoshop 5.0. (Shorter bars are better.)

### Technical Specifications

#### Processor

- 300-, 350-, or 400-MHz PowerPC G3 processor
- 512K or 1MB backside level 2 cache on processor, running at 150, 175, or 200 MHz depending on processor speed
- 100-MHz system bus
- Integrated floating-point unit and 64K on-chip level 1 cache (32K for data and 32K for instruction)

#### Memory

- 64MB or 128MB 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\*

- One of the following:
  - 6GB Ultra ATA hard disk
  - 12GB Ultra ATA hard disk
  - 9GB Ultra2 LVD SCSI hard disk with Ultra2 LVD SCSI PCI card
- 24x-speed (maximum) CD-ROM drive; or 5x-speed (maximum) DVD-ROM drive with DVD-Video playback (reads CD-ROMs at up to 32x speed)
- Zip drive (some configurations)
- 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)
  - Optional internal 56K modem card (supports K56flex and V.90 standards)\*\*
- Expansion
  - Four PCI slots: three 64-bit, 33-MHz slots and one 32-bit, 66-MHz slot dedicated to the ATI RAGE 128 graphics card
- Video
  - 15-pin mini D-Sub VGA connector and Macintosh-to-VGA adapter
- Sound
  - Minijacks for 16-bit stereo audio input and output; 44.1-kHz sampling rate
  - Built-in speaker

#### Graphics support

ATI RAGE 128 graphics card with 16MB of SDRAM graphics memory, which provides the following capabilities:

- 2D performance
  - 128-bit internal engine
  - Hardware acceleration of graphics and video
  - Support for up to 1,920- by 1,080-pixel resolution at 32 bits per pixel (millions of colors) and up to 72-Hz refresh rate
- 3D performance
  - Advanced integrated triangle setup engine
  - Single-pass multitexturing design
  - Full 32-bit-per-pixel (bpp) Z buffer and 8-bpp stencil buffer
  - Robust support of QuickDraw 3D RAVE and OpenGL

#### 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 95° F (10° to 35° 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)\*\*\*

\*Storage devices and number of available expansion bays vary among configurations; see Available Configurations chart for details. Other configurations are available as build-to-order options from the Apple Store.

\*\*Data speeds up to 56 Kbps, fax speeds up to 14.4 Kbps. Actual download speeds vary with line conditions and your Internet service provider's modem capabilities. FCC regulations limit ISP transmission speeds to 53 Kbps in the U.S.

\*\*\*Varies depending on configuration. Example includes CD-ROM drive, Zip drive, and Ultra ATA hard disk.



## Specification Sheet

### Power Macintosh G3

### Available Configurations

#### Power Macintosh G3



Order no.	M6670LL/A	M6668LL/A
Processor speed	300 MHz	350 MHz
Memory (PC100 SDRAM)	64MB	64MB
Backside level 2 cache	512K at 150 MHz	1MB at 175 MHz
Hard disk drive	6GB Ultra ATA	6GB Ultra ATA
CD-ROM drive	24x speed (maximum)	—
DVD-ROM drive	—	Yes
Zip drive	—	—

Order no.	M6666LL/A	M6665LL/A
Processor speed	350 MHz	400 MHz
Memory (PC100 SDRAM)	128MB	128MB
Backside level 2 cache	1MB at 175 MHz	1MB at 200 MHz
Hard disk drive	12GB Ultra ATA	9GB Ultra2 LVD SCSI with PCI card
CD-ROM drive	24x speed (maximum)	24x speed (maximum)
DVD-ROM drive	—	—
Zip drive	Yes	—

### Related Products

- Apple displays
  - Apple Studio Display (15-inch); order no. M6356
  - Apple Studio Display (17-inch); order no. M6221
  - Apple Studio Display (21-inch); order no. M6204
- 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 [www.apple.com](http://www.apple.com) on the World Wide Web or call 1-800-538-9696. To purchase these products from the Apple Store, go to [www.apple.com/store](http://www.apple.com/store).

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).

#### All models also include:

- 10/100BASE-T Ethernet
- Four PCI slots, one containing ATI RAGE 128 card with 16MB of graphics memory
- Two FireWire ports
- Two USB ports
- Apple USB Keyboard and Mouse
- Macintosh-to-VGA monitor adapter
- Mac OS 8.5
- Microsoft Internet Explorer
- Netscape Navigator
- Complete setup, learning, and reference documentation
- Limited warranty

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

#### Build-to-order (BTO) options

In addition to choosing from among Apple's prebuilt systems, you can order a custom-configured computer

from your local reseller or the online Apple Store. This allows you to select from among the options listed below. For up-to-date information about options and availability, visit [www.apple.com/store](http://www.apple.com/store).

- Processor: PowerPC G3 running at 300, 350, or 400 MHz
- Memory: 64MB, 128MB, 256MB, 384MB, 512MB, 768MB, or 1GB
- Hard disk drive: 6GB or 12GB Ultra ATA; 9GB 7,200-rpm Ultra2 LVD SCSI with single- or dual-channel SCSI card; two 9GB 10,000-rpm Ultra2 LVD SCSI with single- or dual-channel SCSI card
- Zip drive
- CD-ROM drive, or DVD-ROM drive with DVD-Video playback
- SCSI card with cable that supports standard SCSI, Fast Wide SCSI, and Ultra Wide SCSI (25- or 50-pin devices)
- 56K modem



*Nothing works and looks better with a new Power Macintosh G3 computer than an Apple Studio Display (sold separately).*

### Apple Computer, Inc.

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