



# Macintosh PowerBook G3 Series

Slim. Stunning. Superfast. With PowerPC G3 processors running at up to 400 megahertz, and an even thinner and lighter design, the new Macintosh PowerBook G3 Series gives you the ultimate combination of performance and mobility. And with dual-battery capabilities, you can use your PowerBook G3 for longer than ever—up to 10 hours at a time.





# Macintosh PowerBook G3 Series



## Features

### Outstanding performance

- PowerPC G3 processors for the fastest performance of any notebook computer\*
- Performance-boosting backside level 2 cache
- Support for up to 384MB of SDRAM
- Up to 10 hours of battery life through dual lithium-ion battery capability
- Latest I/O technology, including two USB ports for connecting a variety of peripherals

### Stunning style

- Thinner and lighter than ever—PowerBook G3 Series models start at just 5.9 pounds
- Hot-swappable expansion bay that accepts CD-ROM or DVD-ROM drives and third-party peripherals such as Zip, SuperDisk, and hard disk drives
- Handy weight-saving module that slips into the expansion bay in place of the CD-ROM or DVD-ROM drive or battery to reduce travel weight
- Easy access to memory expansion and the removable hard disk drive through the flip-up keyboard

### Advanced multimedia

- 14.1-inch (diagonal) active-matrix display for crisp text and brilliant color
- 8MB of video memory for displaying millions of colors on both the built-in screen and an external monitor
- Support for dual displays and video mirroring with the integrated ATI RAGE LT Pro video controller
- VGA and S-video output ports for easy connection to an external monitor, video projector, or TV

### Integrated communications

- Built-in 56K modem with V.90 support
- 10/100BASE-T Ethernet for easy access to high-speed networks
- 4-Mbps IrDA technology for quick wireless LAN access and file sharing

The Macintosh PowerBook G3 Series computers—the world's fastest notebook computers—are now almost 20 percent thinner and nearly 2 pounds lighter than their predecessors. With processor speeds up to 400 megahertz, they run up to twice as fast as comparable Pentium and Pentium II processor-based notebook and desktop systems.\* And with as much as 10 gigabytes of hard disk capacity, plus a CD-ROM or DVD-ROM drive, they'll meet all your storage needs.

With these powerful capabilities and a high-resolution 14.1-inch (diagonal) color display, the Macintosh PowerBook G3 makes a versatile desktop computer as well as the ideal mobile solution, whether you work in creative design, business, or education. And with the dual-battery capability, you can keep working for longer than ever—up to 5 hours at a time with one battery or up to 10 hours with two batteries (depending on configuration and usage).

The new PowerBook G3 supports the latest technologies for connecting high-speed peripherals. Two Universal Serial Bus (USB) ports are already built in, and you can add an optional third-party FireWire CardBus card for connecting to peripherals such as digital video cameras and hard disk drives.

Ethernet connectivity is vital in business and education environments, so PowerBook G3 systems support both 10BASE-T and the high-speed 100BASE-T Ethernet protocols. And you can stay in touch wherever you are with the internal 56K modem that lets you tap in to your organizational network or the Internet.\*\*

Built-in VGA and S-video output ports offer you flexible display options. Now, with built-in dual-display capability, you can add an external monitor and expand your on-screen workspace. For great presentations, simply connect a TV or projection device.

Want to enjoy movies while you're traveling? You can get your PowerBook G3 system with a built-in DVD-ROM drive that plays DVD movies and also lets you use your favorite CD-ROMs. Or choose the 24x-speed CD-ROM drive for fast, smooth playback of multimedia reference discs, educational titles, and games. The hot-swappable expansion bay also accepts third-party Zip, SuperDisk, and hard disk drives.

The Macintosh PowerBook G3 Series: desktop performance in a notebook computer.

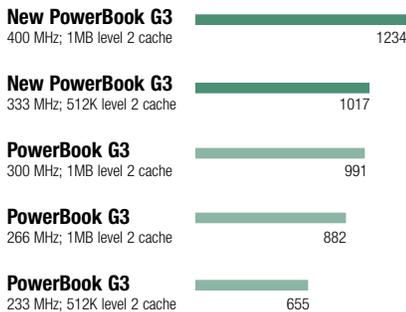
\*Based on BYTEmark integer index processor scores.

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



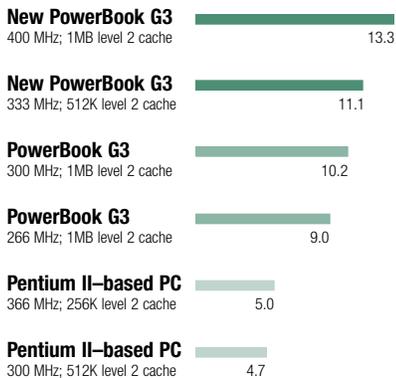
## Performance Comparisons

### MacBench 5.0 Comparison



Based on Apple internal testing using ZD's MacBench 5.0 processor performance scores. Actual performance on applications will vary. MacBench is a subsystem-level benchmark that measures the relative performance of Mac OS-based systems. Higher scores indicate better performance.

### BYTEmark Comparison



Based on BYTEmark integer index processor scores. © McGraw-Hill. Higher scores indicate better performance.

## Technical Specifications

### Processor and memory

- 333- or 400-MHz PowerPC G3 processor
- 512K or 1MB backside level 2 cache on processor module; 133- or 160-MHz dedicated 64-bit backside bus
- 66-MHz system bus
- Integrated floating-point unit and 64K on-chip level 1 cache (32K data and 32K instruction)
- 64MB of RAM (3.3-volt, unbuffered, low-power, 64-bit wide, 144-pin, running at 100 MHz, 10-nanosecond cycle time); two SO-DIMM slots support up to 384MB

### Storage

- Internal 4GB, 6GB, or 10GB IDE hard disk drive (10GB drive available in build-to-order computers)
- Hot-swappable expansion bay for CD-ROM or DVD-ROM drive, or third-party storage solutions such as Zip, SuperDisk, and hard disk drives
- 24x-speed (maximum) CD-ROM drive for use in expansion bay\*
- 2x-speed (maximum) DVD-ROM drive for use in expansion bay; supports CD-ROM discs at up to 20x speed\*

### Interfaces

- Connectivity
  - Two 12-Mbps Universal Serial Bus (USB) ports
  - SCSI port for connecting as many as seven external devices
  - Power adapter port
- Communications
  - Built-in 10/100BASE-T Ethernet connector (10/100 Mbps)
  - RJ-11 connector for built-in 56K V.90 modem
  - Infrared technology port (4-Mbps IrDA)
- PC Card and CardBus expansion
  - Support for one Type I or Type II card
  - Support for a Zoom Video PC Card
- Video
  - S-video output port
  - 24-bit video output port (VGA-style connector)
- Sound
  - 16-bit CD-quality stereo input/output

### Sound

- Two built-in stereo speakers
- Internal omnidirectional microphone

### Video and graphics support

- 8MB of SDRAM video memory supports millions of colors on external displays up to 21 inches
- Built-in 2D/3D graphics acceleration through an integrated ATI RAGE LT Pro video controller
- Supports DVD-Video playback with DVD-ROM drive\*

### Display

- 14.1-inch (diagonal) built-in TFT XGA active-matrix display; supports millions of colors at 1,024- by 768-pixel resolution; supports resolution scaling to 640- by 480-pixel or 800- by 600-pixel resolution

### Battery

- 50-watt-hour lithium-ion
- Provides up to 5 hours with one battery, and up to 10 hours with two batteries, depending on configuration and usage

### Security

- Kensington cable lock slot
- Keyboard lock

### Keyboard

- Built-in full-size keyboard with 76 (U.S.) or 77 (ISO) keys, including 12 function keys, 4 arrow keys (inverted "T" arrangement), and embedded keypad

### Apple trackpad

- Solid-state Apple trackpad provides precise cursor control; supports tap, double-tap, and drag capabilities

### Electrical requirements

- Line voltage: 100 to 240 volts AC
- Frequency: 50 to 60 Hz

### Environmental requirements

- Operating temperature: 32° to 95° F (0° to 35° C)
- Storage temperature: -13° to 140° F (-25° to 60° C)
- Relative humidity: 20% to 80% noncondensing
- Operating altitude: 0 to 10,000 feet (0 to 3,048 m)
- Maximum storage altitude: 15,000 feet (4,572 m)

### Size and weight

- Width: 10.4 inches (26.4 cm)
- Height: 12.7 inches (32.3 cm)
- Depth: 1.7 inches (4.3 cm)
- Weight: 5.9 pounds (2.68 kg) with CD-ROM drive and battery installed (varies by configuration)

\* Available in some configurations; see Available Configurations chart for product details.



## Specification Sheet

### Macintosh PowerBook G3 Series

### Available Configurations

#### Macintosh PowerBook G3



Order no.	M7304LL/A	M7308LL/A
Display	14.1-inch TFT	14.1-inch TFT
Processor speed	333 MHz	400 MHz
Backside level 2 cache	512K	1MB
Backside bus speed	133 MHz	160 MHz
Memory (SDRAM)	64MB	64MB
Video memory (SDRAM)	8MB	8MB
Video controller	ATI RAGE LT Pro	ATI RAGE LT Pro
Hard disk drive	4GB IDE drive	6GB IDE drive
CD-ROM drive	Yes	—
DVD-ROM drive with DVD-Video playback	—	Yes
Ethernet	Built-in 10/100BASE-T	Built-in 10/100BASE-T
56K modem (supports V.90)	Yes	Yes
S-video output	Yes	Yes

All models also include a built-in keyboard and trackpad; modem cable; power adapter; S-video to composite adapter; VGA-to-Macintosh adapter; Mac OS 8.6; Apple File Synchronization; Apple Location Manager; third-party software (Microsoft Internet Explorer, Microsoft Outlook Express, Netscape Communicator, and FAXstf); complete setup, learning, and reference documentation; and limited warranty.

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

In addition to choosing from Apple's prebuilt systems, you can order a custom-configured PowerBook computer from your local reseller or the online Apple Store. This allows you to select the processor speed, amount of RAM, hard disk capacity, and a CD-ROM or DVD-ROM drive. You can also order an additional lithium-ion battery and third-party peripherals such as Zip and SuperDisk drive expansion modules or a FireWire CardBus card. For up-to-date information about options and availability, visit [www.apple.com/store](http://www.apple.com/store).

### Related Products

Product	Order no.
PowerBook G3 Series Lithium-ion Rechargeable Battery	M7385G/A
PowerBook G3 Series Power Adapter	M6384LL/A
PowerBook G3 Series Power Adapter (for Europe and U.K.)	M6548G/A
Apple HDI-30 SCSI Disk Adapter for SCSI disk mode	M2539LL/A
Apple SCSI Peripheral Interface Cable for SCSI-to-SCSI connection	M0207
Apple HDI-30 SCSI System Cable for PowerBook-to-SCSI connection	M2538LL/A

### 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).

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