



# Macintosh PowerBook G3 Series

The Apple Macintosh PowerBook G3 Series sets new standards for portable design and performance. At first glance, you'll be struck by the extreme elegance of these computers. On closer examination, you'll find their advanced features and outstanding flexibility even more striking. Most impressive of all, though, is their performance. These innovative notebook systems outperform comparable Pentium and Pentium II processor-based notebook and desktop systems.\*

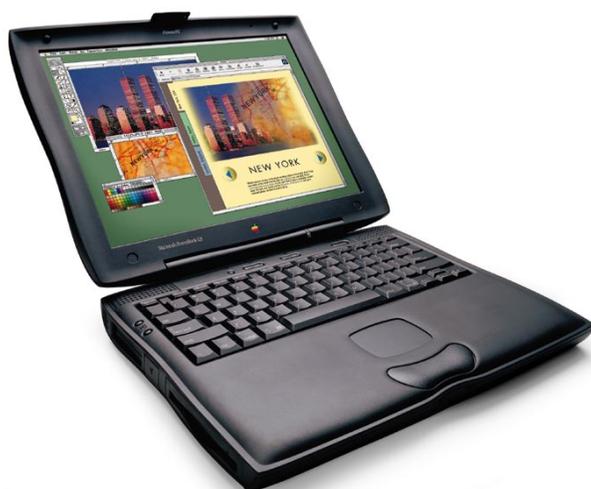
The Macintosh PowerBook G3 Series truly offers "something for everyone"—from creative professionals to educators and students to business professionals. Built around the high-performance PowerPC G3 processor—the same innovative chip that sparked the success of Apple's current line of desktop systems—these notebook systems provide the power to handle even the most demanding tasks.

To complement their power, the PowerBook G3 computers incorporate the impressive multimedia capabilities that are a must for today's educators and professionals. And since Apple understands that individual needs are just that—individual—these systems offer flexible configuration options. Each system includes a high-speed CD-ROM drive and supports the latest storage technology—DVD-ROM. They also include built-in video output, and several configurations include S-video output for connecting to a TV.

The innovative design of these computers is as functional as it is attractive, with features such as two hot-swappable expansion bays for multiple storage options and lithium-ion batteries, and a flip-up keyboard for fast, easy access to the RAM expansion slot and removable hard disk drive.

The PowerBook G3 computers' communications offerings include built-in Ethernet—a requirement in most educational environments as well as in business. An optional K56flex modem lets you tap into your organizational network or the Internet.\*\*

The Macintosh PowerBook G3 Series: Truly customizable portable systems that give you unmatched performance and capabilities to meet your needs at a price you can afford.



## Features

### Astounding performance at affordable prices

- Features the PowerPC G3 processor, for the fastest performance ever in a notebook computer
- Incorporates performance-boosting backside level 2 cache\*\*
- Uses SDRAM and SGRAM for the fastest memory architecture available
- Supports two lithium-ion batteries for up to 7 hours of normal use
- Offers flexible configuration options to meet your needs and your budget

### Advanced multimedia

- Features a high-quality display—12.1, 13.3, or 14.1 inches (diagonal)
- Includes up to 4MB of video memory, for displaying millions of colors on an external monitor
- Provides outstanding 2D/3D graphics acceleration through an integrated controller
- Includes a high-speed CD-ROM drive and supports the latest performance breakthrough in storage—DVD-ROM
- Allows you to connect an external monitor, video projector, or TV\*\*

### Striking style and stellar efficiency

- Combines aesthetics and ergonomics to create an elegantly efficient system
- Includes two expansion bays for a variety of storage and battery options
- Provides easy access to the memory expansion slot and removable hard disk drive through its flip-up keyboard
- Accommodates CardBus cards and PC Cards for additional networking, storage, and modem capabilities

### Integrated communications

- Includes built-in 10BASE-T Ethernet
- Accommodates K56flex technology for the ultimate in modem connectivity\*\*
- Comes with built-in 4-Mbps IrDA technology for easy, wireless LAN access and file sharing

### Macintosh PowerBook Performance Comparisons

Based on MacBench Processor Scores\*\*\*

|   |      |
|---|------|
| G3 Series at 292  | 1031 |
| G3 Series at 250  | 881  |
| G3 Series at 233  | 445  |
| G3 at 250<br>(12.1-inch TFT display and 512K level 2 cache) | 739  |
| 3400c/240   | 333  |
| 1400c/166   | 155  |

\*Based on BYTEmark integer index.

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

\*\*\*Based on Apple internal testing using MacBench 4.0 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.



# Macintosh PowerBook G3 Series

## Technical Specifications

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### Processor and memory

- 233-, 250-, or 292-MHz PowerPC G3 processor
- 1MB backside level 2 cache on the 250- and 292-MHz processor modules; 125- or 146-MHz dedicated 64-bit backside bus\*
- 66- or 83-MHz system bus
- Integrated floating-point unit and 64K on-chip level 1 cache (32K data and 32K instruction)
- 32MB or 64MB of RAM; two SO-DIMM slots support up to 192MB
- 4MB of ROM

### Storage

- Internal 2GB, 4GB, or 8GB IDE hard disk drive
- Two expansion bays for floppy disk drive, CD-ROM or DVD-ROM drive, and third-party storage solutions
- Removable 1.44MB floppy disk drive for use in expansion bay\*
- 20x-speed (maximum) CD-ROM drive for use in expansion bay

### Interfaces

- Connectivity
  - Apple Desktop Bus (ADB) port
  - SCSI port for connecting as many as seven external devices
  - Serial (RS-422) port
  - Power adapter port
- Communications
  - Built-in 10BASE-T Ethernet connector (10 Mbps)
  - RJ-11 modem port supports K56flex modem\*
  - Infrared technology port (4-Mbps IrDA)
- Expansion
  - PC Card slots for two Type II PC Cards or one Type III PC Card or CardBus cards
- Video
  - S-video output connector\*
  - 24-bit video output port (VGA-style connector)
- Sound
  - 16-bit CD-quality stereo input/output

### Media capabilities

- Video
  - 2MB or 4MB of SGRAM video memory supports millions of colors on up to 20-inch external displays
  - 2D/3D graphics through an integrated video controller
  - Support for Zoomed Video technology in the lower PC Card slot

- Display
  - 12.1-inch (diagonal) built-in SVGA STN passive-matrix display supports thousands of colors at 800- by 600-pixel resolution
  - 13.3-inch (diagonal) and 14.1-inch (diagonal) built-in TFT XGA active-matrix displays support millions of colors at 1,024- by 768-pixel resolution
- Sound
  - Two built-in stereo speakers

### Battery

- 49-watt-hour lithium ion
- Average life: up to 3.5 hours with one battery; up to 7 hours with two batteries, based on normal use

### Security

- Kensington cable lock slot

### Keyboard

- Built-in full-size keyboard with 76 (U.S.) or 77 (ISO) keys, including 12 function keys

### Apple trackpad

- Solid-state Apple trackpad provides precise cursor control; sensing of movement and acceleration is easily adjustable through a control panel; 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: 50° to 95° F (10° 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: 2.0 inches (5.1 cm; 5.3 cm for the 14.1-inch model)
- Weight (varies by configuration; examples listed below include modem, battery, and CD-ROM module)
  - 12.1-inch model: 7.2 lb. (3.3 kg)
  - 13.3-inch model: 7.6 lb. (3.4 kg)
  - 14.1-inch model: 7.8 lb. (3.5 kg)

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



# Macintosh PowerBook G3 Series

## Ordering Information

For detailed information about currently available configurations, see the chart below. All models also include a built-in keyboard and trackpad; all necessary cables, such as an Ethernet cable, modem cable, composite to S-video adapter and VGA-to-Macintosh connector cable; Mac OS 8.1 (which includes Internet access software); third-party software (FAXstf, Now Contact & Up•to•Date, and WebWhacker); complete setup, learning, and reference documentation; and limited warranty.

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

These systems can also be ordered through the online Apple Store, which allows you to custom-configure your computer in such areas as processor speed, display size, RAM, hard disk size, modem, and expansion bay modules such as a DVD-ROM drive and lithium-ion battery.

### For more information

For more information about these products, or to find out where to buy Apple products—through a reseller or from the Apple Store—visit [www.apple.com](http://www.apple.com) or call 1-800-538-9696.

## Configurations

Macintosh PowerBook G3 computers

### 12.1-Inch Display



| Order no.                       | M6359LL/A           | M6477LL/A           |
|---------------------------------|---------------------|---------------------|
| <b>Processor speed</b>          | 233 MHz             | 233 MHz             |
| <b>Memory (SDRAM)</b>           | 32MB                | 32MB                |
| <b>Video memory (SGRAM)</b>     | 2MB                 | 2MB                 |
| <b>Backside level 2 cache</b>   | —                   | —                   |
| <b>Backside bus speed</b>       | —                   | —                   |
| <b>System bus speed</b>         | 66 MHz              | 66 MHz              |
| <b>Hard disk drive</b>          | 2GB IDE drive       | 2GB IDE drive       |
| <b>CD-ROM drive module</b>      | 20x speed (maximum) | 20x speed (maximum) |
| <b>Floppy disk drive module</b> | —                   | Yes                 |
| <b>Ethernet</b>                 | Built-in 10BASE-T   | Built-in 10BASE-T   |
| <b>Modem</b>                    | —                   | K56flex             |
| <b>S-video output</b>           | —                   | —                   |

### 13.3-Inch Display



| Order no.                       | M6481LL/A           | M6357LL/A           |
|---------------------------------|---------------------|---------------------|
| <b>Processor speed</b>          | 233 MHz             | 250 MHz             |
| <b>Memory (SDRAM)</b>           | 32MB                | 32MB                |
| <b>Video memory (SGRAM)</b>     | 4MB                 | 4MB                 |
| <b>Backside level 2 cache</b>   | —                   | 1MB                 |
| <b>Backside bus speed</b>       | —                   | 125 MHz             |
| <b>System bus speed</b>         | 66 MHz              | 83 MHz              |
| <b>Hard disk drive</b>          | 2GB IDE drive       | 4GB IDE drive       |
| <b>CD-ROM drive module</b>      | 20x speed (maximum) | 20x speed (maximum) |
| <b>Floppy disk drive module</b> | Yes                 | Yes                 |
| <b>Ethernet</b>                 | Built-in 10BASE-T   | Built-in 10BASE-T   |
| <b>Modem</b>                    | —                   | K56flex             |
| <b>S-video output</b>           | Yes                 | Yes                 |

### 14.1-Inch Display



| Order no.                       | M6484LL/A           | M6541LL/A           |
|---------------------------------|---------------------|---------------------|
| <b>Processor speed</b>          | 233 MHz             | 292 MHz             |
| <b>Memory (SDRAM)</b>           | 32MB                | 64MB                |
| <b>Video memory (SGRAM)</b>     | 4MB                 | 4MB                 |
| <b>Backside level 2 cache</b>   | —                   | 1MB                 |
| <b>Backside bus speed</b>       | —                   | 146 MHz             |
| <b>System bus speed</b>         | 66 MHz              | 83 MHz              |
| <b>Hard disk drive</b>          | 2GB IDE drive       | 8GB IDE drive       |
| <b>CD-ROM drive module</b>      | 20x speed (maximum) | 20x speed (maximum) |
| <b>Floppy disk drive module</b> | Yes                 | Yes                 |
| <b>Ethernet</b>                 | Built-in 10BASE-T   | Built-in 10BASE-T   |
| <b>Modem</b>                    | —                   | K56flex             |
| <b>S-video output</b>           | Yes                 | Yes                 |

## Accessories

PowerBook G3 Series Power Adapter  
 PowerBook G3 Series Power Adapter (for Europe and U.K.)  
 PowerBook G3 Series Lithium-ion Rechargeable Battery  
 PowerBook G3 Series DVD-ROM Expansion Bay Module  
 PowerBook G3 Series Floppy Disk Drive Expansion Bay Module  
 Apple HDI-30 SCSI Disk Adapter for SCSI disk mode  
 Apple SCSI Peripheral Interface Cable for SCSI-to-SCSI connection  
 Apple HDI-30 SCSI System Cable for PowerBook-to-SCSI connection

### Order no.

M6384LL/A  
 M6548G/A  
 M6385G/A  
 M6387G/A  
 M6396G/A  
 M2539LL/A  
 M0207  
 M2538LL/A