



# 12-inch PowerBook G4

It's gorgeous and compact. The eye-catching 12-inch PowerBook G4 is Apple's smallest notebook ever.

## Key Features

**4.6 pounds.** At just over an inch thick and a svelte 4.6 pounds,<sup>1</sup> the new anodized aluminum design is so easy to carry, it will be your constant companion.

**PowerPC G4 processor.** The most affordable PowerBook ever accelerates your favorite applications with the unmatched performance of the PowerPC G4 with Velocity Engine.

**NVIDIA graphics.** Now with the NVIDIA GeForce4 420 Go, the 12-inch PowerBook makes graphics-intensive applications, the hottest 3D games, and DVD special effects all sizzle.

**Advanced wireless.** With built-in antennas, the new PowerBook is ready for an AirPort Extreme Card for superfast wireless networking.<sup>2</sup> Integrated Bluetooth technology delivers cable-free connections to PDAs and mobile phones.

**5-hour battery life.** Up to 5 hours of battery life<sup>3</sup> means you can be continuously productive on long plane trips, around campus, or at a client site.

## Technical Specifications

### Processor and memory

- 867MHz PowerPC G4 processor with Velocity Engine
- 256K DDR SRAM level 2 cache
- 133MHz system bus
- 256MB of PC2100 (266MHz) DDR SDRAM (128MB built in and 128MB in SO-DIMM slot); supports up to 640MB

### Storage

- 40GB 4200-rpm Ultra ATA/100 hard drive<sup>4</sup>
- One of the following optical drives:
  - Slot-loading Combo drive (DVD-ROM/CD-RW): reads DVDs at 8x speed, writes CD-R discs at 24x speed, writes CD-RW discs at 10x speed, reads CDs at 24x speed
  - Optional slot-loading SuperDrive (DVD-R/CD-RW): writes DVD-R discs at 1x speed, reads DVDs at 8x speed, writes CD-R discs at 8x speed, writes CD-RW discs at 4x speed, reads CDs at 24x speed

### Communications

- Built-in antennas and expansion slot for optional 54-Mbps AirPort Extreme Card<sup>2</sup> (based on 802.11g draft specification; IEEE 802.11b Wi-Fi certified)
- Built-in Bluetooth 1.1
- Built-in 10/100BASE-T Ethernet (RJ-45 connector)
- Built-in 56K V.92 modem<sup>5</sup> (RJ-11 connector)

### Expansion

- One FireWire 400 port at up to 400 Mbps<sup>6</sup>
- Two 12-Mbps USB 1.1 ports

### Display

- 12.1-inch (diagonal) TFT XGA active-matrix display
  - Support for millions of colors at 1024-by-768-pixel resolution
  - Support for resolution scaling to 800-by-600-pixel and 640-by-480-pixel resolution with millions of colors

### Video and graphics support

- NVIDIA GeForce4 420 Go graphics processor with AGP 4X support and 32MB of DDR SDRAM video memory for 2D/3D graphics acceleration
- Dual display and video mirroring: Simultaneously supports up to 1024 by 768 pixels on the built-in display and up to 1600 by 1200 pixels on an external display, both at millions of colors

- VGA output using included Apple VGA Display Adapter
- S-video output using included Apple Video Adapter
- Composite video output using included Apple Video Adapter

### Audio

- Audio line in (minijack)
- Headphone out (minijack)
- Built-in stereo speakers with midrange-enhancing third speaker
- Internal omnidirectional microphone

### Battery and power

- 47-watt-hour lithium-ion battery (with integrated charge indicator LEDs) providing up to 5 hours of battery life<sup>3</sup>
- 45W power adapter with cable management system
- Power adapter port

### Security

- Kensington cable lock slot

### Keyboard and trackpad

- Built-in full-size keyboard with 78 (U.S.) or 79 (ISO) keys, including 12 function keys, 4 arrow keys (inverted "T" arrangement), and embedded numeric keypad
- Solid-state trackpad for precise cursor control; supports tap, double-tap, and drag capabilities

### Electrical and environmental requirements

- Meets ENERGY STAR requirements
- Line voltage: 100V to 240V AC
- Frequency: 50Hz to 60Hz
- 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
- Maximum operating altitude: 10,000 feet
- Maximum storage altitude: 15,000 feet
- Maximum shipping altitude: 35,000 feet

### Size and weight

- Height: 1.18 inches (3.0 cm)
- Width: 10.9 inches (27.7 cm)
- Depth: 8.6 inches (21.9 cm)
- Weight: 4.6 pounds (2.1 kg) with battery and optical drive installed<sup>1</sup>

## Configuration

<b>Order number</b>	<b>M8760LL/A</b>
Processor	867MHz PowerPC G4
Level 2 cache	256K
Memory	256MB PC2100 (266MHz) DDR SDRAM
Hard drive	40GB Ultra ATA/100 <sup>4</sup>
Optical drive	Slot-loading Combo drive (DVD-ROM/CD-RW)
Display	12.1-inch (diagonal) TFT XGA
Graphics support	NVIDIA GeForce4 420 Go with 32MB of DDR SDRAM
Wireless support	Built-in Bluetooth 1.1; AirPort Extreme ready <sup>2</sup>
Ethernet	Built-in 10/100BASE-T
Modem	Built-in 56K V.92 <sup>5</sup>
Software	Mac OS X, QuickTime, iCal, iChat, iMovie, iPhoto, iTunes, DVD Player, Mac OS X Mail, Microsoft Internet Explorer, EarthLink (includes 30 days of free service), Acrobat Reader, Art Directors Toolkit, FAXstf, FileMaker Pro Trial, GraphicConverter, Microsoft Office v. X Test Drive, OmniGraffle, OmniOutliner, QuickBooks for Mac New User Edition, Developer Tools, Apple Hardware Test
Service and support	90 days of free telephone support and one-year limited warranty
Included	Apple Video Adapter, Apple VGA Display Adapter, modem cable, power adapter, AC wall plug, power cord

## Build-to-Order Options

You can order a custom-configured PowerBook G4 from the Apple Store or an authorized Apple reseller. Build-to-order options include amount of RAM, hard drive capacity, SuperDrive, and AirPort Extreme Card. Also available are additional lithium-ion batteries and power adapters, Apple iPod, external keyboards and mice, and third-party peripherals such as USB Zip and FireWire hard drives.

## Other Products

- Apple Portable Power Adapter, order number M8943LL/A
- 12-inch PowerBook G4 Rechargeable Battery, order number M8984G/A
- AirPort Extreme Card, order number M8881LL/A
- AirPort Extreme Base Station, order numbers M8930LL/A and M8799LL/A
- .Mac, order number M8778LL/A
- AppleCare Protection Plan, order number M8853LL/A

## Extended Service and Support

Purchase the AppleCare Protection Plan to extend your service and support to up to three full years. The plan provides support for your Mac, the Mac OS, and many Apple consumer applications, so just one phone call can help resolve most issues. For more information, visit [www.apple.com/support/products](http://www.apple.com/support/products) or call 800-823-2775.

## For More Information

For more information about this product or to purchase Apple products, visit the Apple Store online ([www.apple.com](http://www.apple.com) or 800-MY-APPLE), an Apple Store near you, or an authorized Apple reseller.

Visit the Macintosh Products Guide at [www.apple.com/guide](http://www.apple.com/guide) for the latest information on thousands of hardware and software products for your Mac.

Internet access requires a compatible Internet service provider; fees may apply. Product contains electronic documentation. Backup copy of software is included. <sup>1</sup>Actual weight varies by configuration and manufacturing process. <sup>2</sup>Wireless Internet access requires AirPort Extreme Card, AirPort Base Station or AirPort Extreme Base Station, and Internet access (fees may apply). Some ISPs are not currently compatible with AirPort and AirPort Extreme. Range may vary with site conditions. <sup>3</sup>Battery life depends on configuration and use. <sup>4</sup>1GB = 1 billion bytes; actual formatted capacity less. <sup>5</sup>Compatible ISP and telephone services required. Your ISP may not support all V.92 features. Modem will function according to V.90 standards if V.92 services are not available. Actual modem speeds lower; speed depends on connection rate and other factors. <sup>6</sup>Actual rates will vary.

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