



PowerBook G4

With its high-performance PowerPC G4 processor, DVD-burning SuperDrive, and 1-inch-thin, 5.4-pound titanium design, the new PowerBook G4 is the world's best full-featured portable computer.



Supercomputer performance.

The G4 processor with speeds up to 1GHz and L3 cache delivers performance that outpaces Pentium 4-based notebooks.

DVD creation. The built-in SuperDrive and iDVD¹ make the PowerBook G4 the lightest full-featured notebook that burns DVDs.

Phenomenal graphics. The ATI Mobility Radeon 9000 graphics processor with up to 64MB of DDR SDRAM delivers incredible 2D and 3D graphics.

Long-lasting battery. Up to 5 hours of battery life² means staying productive on long plane trips, around campus, or at a client site.

Mega-wide screen. The 15.2-inch (diagonal) screen with 1280-by-854-pixel resolution gives you the largest workspace, best color saturation, and widest viewing angle ever in a PowerBook.

Maximum connectivity. AirPort wireless networking,³ Gigabit Ethernet, and a 56K modem configure automatically, giving you the flexibility to work in any network environment. With an optional Bluetooth adapter, it's easy to connect to Bluetooth-enabled mobile phones, PDAs, and peripherals.

Video-out versatility. DVI,⁴ ADC,⁴ VGA, S-video, and composite video support let you connect to your choice of flat-panel displays, monitors, projectors, and TVs.

Technical Specifications

Processor and memory

- 867MHz or 1GHz PowerPC G4 processor with Velocity Engine
- 1MB DDR SRAM level 3 cache
- 133MHz system bus
- 256MB or 512MB of PC133 SDRAM; two SO-DIMM slots support up to 1GB

Storage

- 40GB or 60GB 4200-rpm Ultra ATA/66 hard drive⁵
- One of the following slot-loading optical drives:
 - Combo drive (DVD-ROM/CD-RW); reads DVDs at 8x speed, writes CD-R and CD-RW discs at 8x speed, reads CDs at 24x speed
 - SuperDrive (DVD-R/CD-RW); writes DVD-R discs at 1x speed, reads DVDs at 6x speed, writes CD-R discs at 8x speed, writes CD-RW discs at 4x speed, reads CDs at 24x speed

Communications

- Built-in 10/100/1000BASE-T Ethernet (RJ-45 connector)
- Built-in 56K V.92 modem (RJ-11 connector)⁶
- Built-in 11-Mbps AirPort Card (IEEE 802.11b compliant) in 1GHz model; 867MHz model is AirPort ready³

Expansion

- One 400-Mbps FireWire (IEEE 1394) port⁷
- Two 12-Mbps USB ports
- One PC Card/CardBus slot supporting one Type I or Type II card

Video and graphics support

- Built-in 2D/3D graphics acceleration through an integrated ATI Mobility Radeon 9000 graphics processor with AGP 4X support and 32MB or 64MB of DDR SDRAM video memory
 - Support for dual display and video mirroring: Millions of colors on the built-in display and on an external display at up to 2048 by 1536 pixels⁸
 - Support for a single external display: Millions of colors on an external display at up to 2048 by 1536 pixels⁸
- DVI output port
- VGA output with included DVI to VGA adapter
- S-video output port
- Composite video output with included S-video to composite adapter

Display

- 15.2-inch (diagonal) built-in TFT display
 - Support for millions of colors at 1280-by-854-pixel resolution
 - Support for resolutions of 1280 by 854, 1152 by 768, 896 by 600, 720 by 480, and 640 by 480 pixels at 3:2 aspect ratio
 - Support for resolutions of 1024 by 768, 800 by 600, and 640 by 480 pixels at 4:3 aspect ratio

Audio

- Audio line in (minijack)
- Headphone out (minijack)
- Two built-in stereo speakers
- Internal omnidirectional microphone

Battery and power

- 61-watt-hour lithium-ion battery (with integrated charge indicator LEDs) providing up to 5 hours of battery life²
- Power adapter with cable management system
- Power adapter port

Security

- Kensington cable lock slot
- Keyboard lock

Keyboard and trackpad

- Built-in full-size keyboard with 77 (U.S.) or 78 (ISO) keys, including 12 function keys, 4 arrow keys (inverted "T" arrangement), and embedded 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: -40° to 116° F (-40° to 47° 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: 1.0 inch (2.6 cm)
- Width: 13.4 inches (34.1 cm)
- Depth: 9.5 inches (24.1 cm)
- Weight: 5.4 pounds (2.4 kg) with battery and optical drive installed⁹



Specification Sheet

PowerBook G4

Configurations

Order no.	M8858LL/A	M8859LL/A
Processor	867MHz PowerPC G4	1GHz PowerPC G4
Level 3 cache	1MB DDR SRAM	1MB DDR SRAM
Memory	256MB PC133 SDRAM	512MB PC133 SDRAM
Display	15.2-inch (diagonal) TFT	15.2-inch (diagonal) TFT
Graphics support	ATI Mobility Radeon 9000 with 32MB of DDR SDRAM	ATI Mobility Radeon 9000 with 64MB of DDR SDRAM
Hard drive ⁵	40GB Ultra ATA	60GB Ultra ATA
Optical drive	Slot-loading Combo (DVD-ROM/CD-RW)	Slot-loading SuperDrive (DVD-R/CD-RW)
Wireless networking ³	AirPort ready	Built-in AirPort Card
Ethernet	Built-in 10/100/1000BASE-T (Gigabit)	Built-in 10/100/1000BASE-T (Gigabit)
Modem ⁶	56K V.92	56K V.92
Software	Mac OS X, Mac OS 9, QuickTime, iCal, iChat, iMovie, iPhoto, iTunes, iDVD (requires SuperDrive), DVD Player, Mac OS X Mail, Microsoft Internet Explorer, EarthLink (includes 30 days of free service), Acrobat Reader, Art Directors Toolkit, FAXstf, Graphic Converter, OmniGraffle, OmniOutliner, PixelNance, Snapz Pro X, Developer Tools, Apple Hardware Test CD	
Service and support	90 days of free telephone support and one-year limited warranty	
Included	Modem cable, power adapter, AC wall plug, power cord, S-video to composite adapter, DVI to VGA adapter	

Internet access requires a compatible Internet service provider; fees may apply. Product contains electronic documentation. Backup copy of software is included.

Extended Service and Support

Purchase the AppleCare Protection Plan to extend your service and support to three full years. Only the AppleCare Protection Plan provides you with direct telephone support from Apple technical experts and the assurance that repairs will be handled by Apple-certified technicians using genuine Apple parts. For more information, visit 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 or 800-MY-APPLE), an Apple Store near you, or an authorized Apple reseller.

Visit the Macintosh Products Guide at www.apple.com/guide for the latest information on thousands of hardware and software products for your new computer.

Build-to-Order Options

In addition to choosing from Apple's preconfigured systems, you can order a custom-configured PowerBook G4 from the Apple Store or an authorized Apple reseller. Build-to-order options include processor speed, amount of RAM, hard drive capacity, optical drive, and AirPort Card. Also available are additional lithium-ion batteries and power adapters, Apple flat-panel displays, external keyboards and mice, and third-party peripherals such as USB Zip and FireWire hard drives.

Apple Displays

Product	Order no.
Apple Studio Display (17-inch flat panel)	M7649ZM/A
Apple Cinema Display (22-inch flat panel)	M8058ZM/A
Apple Cinema HD Display (23-inch flat panel)	M8537ZM/A

Other Products

Product	Order no.
Apple Portable Power Adapter	M8943LL/A
PowerBook G4 Rechargeable Battery	M8244G/B
AirPort Card	M7600LL/D
AirPort Base Station	M8209LL/A
D-Link DWB-120M USB Bluetooth Adapter	T4728G/A
Apple DVI to ADC Adapter	M8661LL/A
Apple DVI to VGA Adapter	M8754G/A
Apple Pro Keyboard (White)	M8691LL/A
Apple Pro Mouse (White)	M8690G/A
iPod (5GB)	M8513LL/A
iPod (10GB)	M8737LL/A
iPod (20GB)	M8738LL/A
.Mac	M8778LL/A
AppleCare Protection Plan	M8109LL/A

¹ Selected models. ² Battery life depends on configuration and use. 5 hours applies to standard 867MHz model. ³ Wireless Internet access requires AirPort Card, AirPort Base Station, and Internet access (fees may apply). Some ISPs are not currently compatible with AirPort. Range may vary with site conditions. ⁴ Connection to Apple flat-panel displays requires Apple DVI to ADC Adapter (sold separately). ⁵ 1GB = 1 billion bytes; actual formatted capacity less. ⁶ 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. ⁷ Actual rates will vary. ⁸ Some third-party DVI displays may not support all resolutions. ⁹ 867MHz model starts at 5.4 pounds with battery and optical drive installed. Actual weight varies by configuration and manufacturing process.