17-inch PowerBook G4

The 17-inch PowerBook G4 combines the largest display with the thinnest design of any notebook computer.

Key Features

17-inch widescreen display. The stunning panoramic display with 1440-by-900-pixel resolution offers as much viewing area as a 19-inch CRT monitor.

1 inch thin. The gorgeous, ultrathin aluminum design is unlike anything you've ever seen or held.

Performance architecture. The 1.33GHz PowerPC G4 processor, DDR SDRAM up to 2GB, and ATI Mobility Radeon 9600 graphics deliver unmatched performance.

Leading digital connections. USB 2.0, FireWire 800, DVI, and Gigabit Ethernet provide the fastest-possible connections to your peripherals and networks.

Advanced wireless. Built-in 54-Mbps AirPort Extreme provides superfast wireless networking,[1] and integrated Bluetooth technology offers the latest in connectivity to your mobile phone and other wireless peripherals.

SuperDrive. The slot-loading SuperDrive lets you burn custom CDs and professional DVDs using the included iDVD, iMovie, iPhoto, and iTunes applications.

Illuminated keyboard. A true ease-of-use breakthrough, the fiber-optic, backlit keyboard makes it possible to work in low-light environments.

Technical Specifications

Processor and memory
- 1.33GHz PowerPC G4 processor with Velocity Engine
- 512K SRAM on-chip L2 cache
- 167MHz system bus
- 512MB of PC2700 (333MHz) DDR SDRAM; two SO-DIMM slots support up to 2GB

Storage
- 80GB 4200-rpm Ultra ATA/100 hard drive[2]
- Slot-loading SuperDrive (DVD-R/CD-RW)
  - Writes DVD-R discs at up to 2x speed; reads DVDs at up to 8x speed
  - Writes CD-R discs at up to 16x speed; writes CD-RW discs at up to 4x speed
  - Reads CDs at up to 24x speed

Communications
- Built-in 54-Mbps AirPort Extreme wireless networking[1] (based on 802.11g standard; Wi-Fi Certified for 802.11g and 802.11b interoperability)
- Built-in Bluetooth
- Built-in 10/100/1000BASE-T Gigabit Ethernet (RJ-45 connector)
- Built-in 56K V.92 modem[3] (RJ-11 connector)

Expansion
- One FireWire 800 port at up to 800 Mbps; one FireWire 400 port at up to 400 Mbps[4]
- Two USB 2.0 ports at up to 480 Mbps
- PC Card/CardBus slot for Type I or Type II card

Display
- 17-inch (diagonal) TFT widescreen display
  - Support for millions of colors at 1440-by-900-pixel resolution
  - Supported resolutions: 1440 by 900 (native), 1152 by 720, 1024 by 640, and 800 by 500 pixels at 16:10 aspect ratio; 1024 by 768, 800 by 600, and 640 by 480 pixels at 4:3 aspect ratio

Video and graphics support
- ATI Mobility Radeon 9600 graphics processor with AGP 4X support and 64MB of DDR SDRAM for 2D/3D graphics acceleration
- Dual display and video mirroring: Simultaneously supports up to 1440 by 900 pixels on the built-in display and up to 2048 by 1536 pixels on an external display, both at millions of colors[5]
- DVI output port
- VGA output using included DVI to VGA adapter
- S-video output port
- Composite video output using included S-video to composite adapter

Audio
- Audio line in (minijack)
- Headphone out (minijack)
- Two built-in stereo speakers
- Internal omnidirectional microphone (located under left speaker grille)

Battery and power
- 58-watt-hour lithium-ion prismatic battery with integrated charge indicator LEDs
- Up to 4.5 hours of battery life[6]
- 65W 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
  - Illuminated fiber-optic, backlit keys
- Solid-state trackpad for precise cursor control; supports tap, double-tap, and drag capabilities

Ambient light sensor
- Measures ambient light and works with integrated software to adjust keyboard illumination and screen brightness based on user preferences

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: 15.4 inches (39.2 cm)
- Depth: 10.2 inches (25.9 cm)
- Weight: 6.9 pounds (3.1 kg) with battery and optical drive installed[7]

Configuration

Order number	M9110LL/A
Processor	1.33GHz PowerPC G4
Level 2 cache	512K
Memory	512MB of PC2700 (333MHz) DDR SDRAM
Hard drive	80GB Ultra ATA/100[2]
Optical drive	Slot-loading SuperDrive (DVD-R/CD-RW)
Display	17-inch (diagonal) TFT widescreen
Graphics support	ATI Mobility Radeon 9600 with 64MB of DDR SDRAM
Wireless support	Built-in 54-Mbps AirPort Extreme[1]; built-in Bluetooth
Ethernet	10/100/1000BASE-T (Gigabit)
Modem	56K V.92[3]
Keyboard	Full size; backlit with ambient light sensor
Software	Mac OS X, Mail, iChat, Safari, Sherlock, Address Book, QuickTime, iLife (includes iTunes, iPhoto, iMovie, and iDVD), iSync, iCal, DVD Player, Classic environment, Acrobat Reader, Art Directors Toolkit, EarthLink TotalAccess 2003 (includes 30 days of free service), FAXstf, FileMaker Pro 6 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
Also included	S-video to composite adapter, DVI to VGA 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 Apple Authorized Reseller. Options include additional RAM, hard drive, additional batteries and power adapters, Apple flat-panel displays, external keyboards and mice, and third-party peripherals.

Apple Displays

- Apple Studio Display (17-inch flat panel), M7649ZM/B (requires Apple DVI to ADC Adapter)
- Apple Cinema Display (20-inch flat panel), M8893ZM/A (requires Apple DVI to ADC Adapter)
- Apple Cinema HD Display (23-inch flat panel), M8537ZM/A (requires Apple DVI to ADC Adapter)
- Apple DVI to ADC Adapter, M8661

Other Products

- Apple Portable Power Adapter, M8943LL/A
- 17-inch PowerBook G4 Rechargeable Battery, M9326G/A
- AirPort Extreme Base Station, M8930LL/A and M8799LL/A
- .Mac, M9036Z/A
- AppleCare Protection Plan, 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. You can also enroll one Apple display for coverage, provided that the PowerBook G4 and display are purchased together. 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 Apple Authorized Reseller.

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