



Power Mac G4



Features

Exceptional performance

- Fastest-ever PowerPC G4 with Velocity Engine, up to 867 MHz; or dual 800-MHz PowerPC G4 processors
- 128MB or 256MB of SDRAM, with support for up to 1.5GB¹
- NVIDIA GeForce2 MX graphics card with up to 64MB of SDRAM graphics memory
- Optional GeForce3 graphics card
- Built-in Gigabit Ethernet

Power to burn

- SuperDrive (DVD-R/CD-RW) with Apple's iDVD software for easy creation of high-quality DVDs (selected models)²
- Faster CD-RW drive for creating music CDs and archiving data files³
- Disc Burner software for creating data CDs
- Apple iTunes software for encoding and managing digital audio collections and creating music CDs⁴
- Optional Apple DVD Studio Pro software for professional DVD authoring

Expansive possibilities

- Four high-performance PCI slots with throughput up to 215 MBps
- Dual display support with the GeForce2 MX graphics card with TwinView⁵
- Two FireWire ports and two USB ports for connecting hundreds of devices
- Swing-open side door for easy access to expansion bays and slots

Mac OS X preinstalled

- UNIX-based core operating system that increases system stability, performance, and responsiveness
- Symmetric multiprocessing to take full advantage of dual processor systems
- Modern, standards-based networking for seamless network integration
- Cutting-edge technologies that deliver unequalled 2D, 3D, and multimedia graphics performance; extensive font support; and integrated PDF imaging
- Support for virtually all Mac OS 9 applications through the Classic environment

With dual 800-MHz PowerPC G4 processors, CD and DVD authoring, and Mac OS X, the new Power Mac G4 is a digital powerhouse that delivers unparalleled speed, versatility, and performance.

The Power Mac G4 offers the fastest PowerPC G4 processors ever created. Whether you choose a single processor system—running at up to 867 MHz—or the ultrafast 800-MHz dual processor model, you'll have the power you need to create the most complex graphics and video files, produce dynamic web content, or compute intensive scientific data in record time. The super-modern foundation of Mac OS X takes full advantage of these new processors, maximizing your productivity through advanced features such as preemptive multitasking and protected memory that boost system performance and reliability. Dual processor Power Mac systems benefit from the symmetric multiprocessing capability in Mac OS X, which automatically assigns tasks to both processors simultaneously, allowing the computer to do almost twice as much work in the same amount of time.

Loaded with features that give you the power to make Desktop Movies, create your own music CDs, and even author DVD titles, the Power Mac G4 is a creative dream machine. Now even more affordable, configurations with the SuperDrive and Apple's iDVD software let you quickly and easily assemble video, audio, and still images into ready-to-play DVDs for home or business.² All systems feature CD-RW capabilities, allowing you to burn CDs of your favorite music with iTunes software⁴ or to archive data files with drag-and-drop ease using Disc Burner software.³

Want dual display support? Choose the NVIDIA GeForce2 MX graphics card with TwinView and you can connect both an Apple display (using the Apple Display Connector) and a VGA display without requiring an additional graphics card. So you'll have all four high-performance PCI slots available for adding audio, video, and SCSI cards. FireWire and USB ports let you connect hard disk drives, DV cameras, and more.

Preinstalled on the Power Mac G4, Mac OS X combines the power and stability of UNIX with the simplicity and elegance of Macintosh. Graphics professionals will benefit from leading-edge technologies that deliver 2D, 3D, and video graphics capabilities beyond anything ever seen on a desktop computer. Powerful standards-based networking takes advantage of built-in Gigabit Ethernet for fast, seamless file sharing. And the intuitive Aqua user interface takes Macintosh ease of use to a whole new level, ensuring that your computer never comes between you and your work.

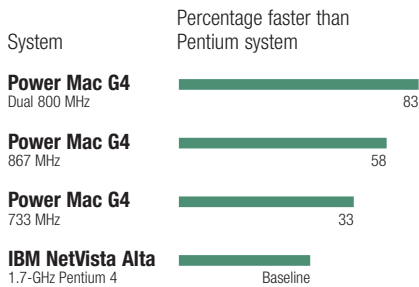
The Power Mac G4: A supercomputer with the power to burn, the power to expand, and the power to perform like never before.



Specification Sheet

Power Mac G4

Photoshop Performance



Longer bars indicate better performance.

The Power Mac G4 with dual 800-MHz processors is 83 percent faster than PCs with a 1.7-GHz Pentium 4 processor in Photoshop tests.

Technical Specifications

Processor

- 733- or 867-MHz PowerPC G4 processor; or dual 800-MHz PowerPC G4 processors
- Velocity Engine vector processing unit
- Full 128-bit internal memory data paths
- Powerful floating-point unit supporting single-cycle, double-precision calculations
- Data stream prefetching operations supporting four simultaneous 32-bit data streams
- 256K on-chip L2 cache running at processor speed
- 2MB backside L3 cache running at one-fourth the processor speed (867-MHz and dual 800-MHz systems)
- 133-MHz system bus supporting over 1-Gbps data throughput

Memory

- 128MB or 256MB of PC133 SDRAM
- Three DIMM slots supporting up to 1.5GB of PC133 SDRAM using the following:
 - 128MB or 256MB DIMMs (64-bit-wide, 128-Mbit technology)
 - 512MB DIMMs (64-bit-wide, 256-Mbit technology)

Storage

- One of the following hard disk drives⁶:
 - 40GB 5400-rpm Ultra ATA/66
 - 60GB 7200-rpm Ultra ATA/66
 - 80GB 7200-rpm Ultra ATA/66
- One of the following optical drives:
 - CD-RW drive (writes CD-R discs at 12x, writes CD-RW discs at 10x, reads CDs at 32x)
 - SuperDrive (combination DVD-R/CD-RW drive; writes DVD-R discs at 2x, reads DVDs at 4x, writes CD-R discs at 8x, writes CD-RW discs at 4x, reads CDs at 24x)
 - Combination DVD-ROM/CD-RW drive (build-to-order option; reads DVDs at 8x, writes CD-R discs at 8x, writes CD-RW discs at 8x, reads CDs at 32x)
- Three 3.5-inch hard drive expansion bays
 - One ATA drive preinstalled on standard configurations
 - Support for up to two internal ATA drives
 - Support for up to three internal SCSI drives
 - Support for a combination of internal SCSI and ATA drives (up to one ATA and two SCSI)

Graphics support

- One of the following graphics cards, installed in a dedicated AGP 4X graphics slot:
 - NVIDIA GeForce2 MX graphics card with 32MB of SDRAM
 - NVIDIA GeForce2 MX graphics card with TwinView and 64MB of SDRAM for dual display support⁵
 - NVIDIA GeForce3 graphics card with 64MB of Double Data Rate (DDR) RAM (build-to-order option)
- Support for up to 1920-by-1200-pixel resolution at 32 bits per pixel (millions of colors)
- Apple Display Connector (ADC)
- 15-pin VGA connector

Expansion

- Four full-length 64-bit, 33-MHz PCI slots
- One AGP 4X slot with graphics card installed
- Two 400-Mbps FireWire ports (15W total power)⁷
- Two USB ports (12 Mbps each; 24 Mbps total)

Communications

- 10/100/1000BASE-T Ethernet connector (RJ-45)
- Built-in 56K V.90 modem card⁸
- Optional 11-Mbps AirPort Card; IEEE 802.11 DSSS compliant⁹
- Optional AirPort Base Station containing 56K modem and 10BASE-T Ethernet port⁸

Audio

- Built-in speaker
- Apple speaker minijack (16 bit) for connection to Apple Pro Speakers
- Headphone jack (16 bit)
- Optional Apple Pro Speakers
- Support for external third-party USB digital audio peripherals such as microphones, speakers, and MIDI devices

Keyboard and mouse

- Apple Pro Keyboard
- Apple Pro Mouse

Electrical requirements and agency approvals

- Line voltage: 115V AC (90V to 132V AC) or 230V AC (180V to 264V AC)
- Frequency: 47 to 63 Hz, single phase
- Maximum continuous power: 360W
- Meets ENERGY STAR requirements

Environmental requirements

- Operating temperature: 50° to 95° F (10° to 35° C)
- Storage temperature: -40° to 116° F (-40° to 47° C)
- Relative humidity: 5% to 95% noncondensing
- Maximum altitude: 10,000 feet

Size and weight

- Height: 17.0 inches (43.2 cm)
- Width: 8.9 inches (22.6 cm)
- Depth: 18.4 inches (46.7 cm)
- Weight: 31 pounds (14.1 kg)¹⁰



Specification Sheet

Power Mac G4

Configurations

Order no.	M8359LL/A	M8360LL/A	M8361LL/A
Processor	733-MHz PowerPC G4	867-MHz PowerPC G4	Dual 800-MHz PowerPC G4
On-chip cache	256K L2 at 733 MHz	256K L2 at 867 MHz	256K L2 at 800 MHz per processor
Backside cache	—	2MB L3 at 217 MHz	2MB L3 at 200 MHz per processor
Memory (PC133 SDRAM)	128MB	128MB	256MB
Hard disk drive ⁶	40GB (5400 rpm)	60GB (7200 rpm)	80GB (7200 rpm)
Graphics support	NVIDIA GeForce2 MX with 32MB of SDRAM	NVIDIA GeForce2 MX with 32MB of SDRAM	NVIDIA GeForce2 MX with TwinView and 64MB of SDRAM ⁵
Optical drive	CD-RW	SuperDrive (DVD-R/CD-RW)	SuperDrive (DVD-R/CD-RW)
FireWire	Two ports	Two ports	Two ports
USB	Two ports	Two ports	Two ports
PCI	Four slots	Four slots	Four slots
Ethernet	10/100/1000BASE-T	10/100/1000BASE-T	10/100/1000BASE-T
Wireless networking ⁹	AirPort ready	AirPort ready	AirPort ready
Modem ⁸	56K V.90	56K V.90	56K V.90

All models include Apple Pro Keyboard, Apple Pro Mouse, modem cable, and FireWire camcorder cable; Mac OS X and Mac OS 9; QuickTime, iMovie 2, iDVD (requires SuperDrive), iTunes, Microsoft Internet Explorer, Microsoft Outlook Express, Netscape Communicator, FAXstf, and Palm Desktop; Apple Hardware Test CD; complete setup, learning, and reference documentation; limited warranty; and 30 days of free Internet service through EarthLink.

Product contains electronic documentation. Backup copy of software is provided on CD-ROM.

For More Information

For more information about this product or to find out where to buy Apple products, visit www.apple.com/hardware or call 800-538-9696. You can purchase Apple products from your authorized Apple reseller, the online Apple Store (www.apple.com/store or 800-MY-APPLE), or Apple's retail stores.

Visit the Macintosh Products Guide at www.apple.com/guide for the latest information on more than 18,000 hardware and software products for your new computer.

Apple offers iTools, a free suite of Internet services, to help you get more out of using the web. Visit www.apple.com to sign up.

Your Power Mac G4 comes with 90 days of telephone support and a one-year limited warranty. 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.

Build-to-Order Options

Order a custom-configured computer from your authorized Apple reseller or the online Apple Store. Build-to-order options can include the following; however, availability can vary. For up-to-date information, visit www.apple.com/store or call 800-MY-APPLE.

- **Processor:** 733-MHz, 867-MHz, dual 800-MHz PowerPC G4
- **Memory:** 128MB, 256MB, 384MB, 512MB, 768MB, 1GB, 1.5GB¹
- **Hard disk drives:** 40GB Ultra ATA/66 (5400 rpm), 60GB Ultra ATA/66 (7200 rpm), 80GB Ultra ATA/66 (7200 rpm), 36GB Ultra160 SCSI (10,000 rpm), 72GB Ultra160 SCSI (10,000 rpm)⁶
- **Optical drives:** CD-RW, combination DVD-ROM/CD-RW, SuperDrive (DVD-R/CD-RW)
- **Graphics:** NVIDIA GeForce2 MX with 32MB of SDRAM, NVIDIA GeForce2 MX with TwinView and 64MB of SDRAM,⁵ NVIDIA GeForce3 with 64MB of DDR RAM
- **Audio:** Apple Pro Speakers, Harman Kardon iSub, Harman Kardon SoundSticks
- **Other:** Zip 250 drive, Ultra SCSI PCI card, Ultra160 SCSI PCI card, AirPort Card, AirPort Base Station

Apple Displays

- Apple Studio Display (15-inch flat panel); M7928ZM/A
- Apple Studio Display (17-inch flat panel); M7649ZM/A
- Apple Cinema Display (22-inch flat panel); M8058ZM/A

¹ 999MB maximum per application in Mac OS 9.

² DVD authoring in Mac OS X requires iDVD 2 and Mac OS X v10.1, available in late summer 2001; see www.apple.com/macosx for details.

³ Burning data CDs in Mac OS X requires Mac OS X v10.1, available in late summer 2001; see www.apple.com/macosx for details.

⁴ iTunes is licensed for reproduction of noncopyrighted materials or materials the user is legally permitted to reproduce.

⁵ Dual display option supports one VGA display and one ADC display simultaneously.

⁶ 1GB = 1 billion bytes; actual formatted capacity less.

⁷ Actual rates will vary.

⁸ Actual modem speeds lower; speed depends on connection rate and other factors.

⁹ Wireless Internet access requires AirPort Card, AirPort Base Station, and Internet access (fees may apply). Some ISPs are not currently compatible with AirPort, including America Online. Range may vary with site conditions.

¹⁰ Weight varies by configuration and manufacturing process.

Apple

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