

Size and weight

15-inch MacBook Pro

Height: 2.41 cm (0.95 inch)
 Width: 36.4 cm (14.35 inches)
 Depth: 24.9 cm (9.82 inches)
 Weight: 2.49 kg (5.5 pounds)¹



17-inch MacBook Pro

Height: 2.50 cm (0.98 inch)
 Width: 39.3 cm (15.47 inches)
 Depth: 26.7 cm (10.51 inches)
 Weight: 2.99 kg (6.6 pounds)¹



Connections and expansion

15-inch



17-inch



- MagSafe power port
- Gigabit Ethernet port
- One FireWire 800 port (up to 800 Mbps)
- **15-inch MacBook Pro:** Two USB 2.0 ports (up to 480 Mbps)
- **17-inch MacBook Pro:** Three USB 2.0 ports (up to 480 Mbps)
- Mini DisplayPort
- Audio line in
- Audio line out
- ExpressCard/34 slot
- Kensington lock slot

Communications

- Built-in AirPort Extreme Wi-Fi wireless networking² (based on IEEE 802.11n draft specification); IEEE 802.11a/b/g compatible



Display



15-inch MacBook Pro

- 15.4-inch (diagonal) LED-backlit glossy widescreen display with support for millions of colours
- **Supported resolutions:** 1440 by 900 (native), 1280 by 800, 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; 1024 by 768, 800 by 600, and 640 by 480 pixels at 4:3 aspect ratio stretched; 720 by 480 pixels at 3:2 aspect ratio; 720 by 480 pixels at 3:2 aspect ratio stretched



17-inch MacBook Pro

- 17-inch (diagonal) LED-backlit glossy widescreen display with support for millions of colours; optional antiglare display
- **Supported resolutions:** 1920 by 1200 (native), 1680 by 1050, 1280 by 800, 1152 by 720, 1024 by 640, and 800 by 500 pixels at 16:10 aspect ratio; 1280 by 1024 pixels at 5:4 aspect ratio; 1280 by 1024 pixels at 5:4 aspect ratio stretched; 1600 by 1200, 1024 by 768, 800 by 600, and 640 by 480 pixels at 4:3 aspect ratio; 1600 by 1200, 1024 by 768, 800 by 600, and 640 by 480 pixels at 4:3 aspect ratio stretched; 720 by 480 pixels at 3:2 aspect ratio; 720 by 480 pixels at 3:2 aspect ratio stretched

Graphics and video support

15-inch MacBook Pro

- NVIDIA GeForce 9600M GT graphics processor; 256MB of GDDR3 memory on 2.4GHz configuration; 512MB of GDDR3 memory on 2.53GHz and 2.8GHz configurations
- NVIDIA GeForce 9400M graphics processor with 256MB of DDR3 SDRAM shared with main memory³



Processor and memory

15-inch MacBook Pro

- 2.4GHz Intel Core 2 Duo processor with 3MB on-chip shared L2 cache running 1:1 with processor speed; or 2.53GHz or 2.8GHz Intel Core 2 Duo processor with 6MB shared L2 cache
- 1066MHz frontside bus
- 2GB (two 1GB SO-DIMMs) or 4GB (two 2GB SO-DIMMs) of 1066MHz DDR3 SDRAM; two SO-DIMM slots support up to 4GB



Standard Configurations	Optional
2.4GHz or 2.53GHz	2.8GHz

17-inch MacBook Pro

- 2.66GHz Intel Core 2 Duo processor with 6MB on-chip shared L2 cache running 1:1 with processor speed; or 2.93GHz Intel Core 2 Duo processor with 6MB shared L2 cache
- 1066MHz frontside bus
- 4GB (two 2GB SO-DIMMs) of 1066MHz DDR3 SDRAM; two SO-DIMM slots support up to 8GB

Standard Configuration	Optional
2.66GHz	2.93GHz

Storage

15-inch MacBook Pro

- 250GB or 320GB 5400-rpm Serial ATA hard drive⁴
- Optional 250GB or 320GB Serial ATA 7200-rpm hard drive⁴
- Optional 128GB solid-state drive⁴




17-inch MacBook Pro

- 320GB 5400-rpm Serial ATA hard drive⁴
- Optional 320GB 7200-rpm Serial ATA hard drive⁴
- Optional 128GB or 256GB solid-state drive⁴

Optical drive

- 8x slot-loading SuperDrive (DVD±R DL/DVD±RW/CD-RW)
- Maximum write: 8x DVD-R, DVD+R; 4x DVD-R DL (double layer), DVD±R DL

- Built-in Bluetooth 2.1 + EDR (Enhanced Data Rate) 
- Built-in 10/100/1000BASE-T Gigabit Ethernet (RJ-45 connector)

Audio

- Built-in stereo speakers
- Built-in omnidirectional microphone (located under left speaker grille)
- Combined optical digital input/analog line in (minijack)
- Combined optical digital output/analog line out (minijack)
- Supports Apple Stereo Headset with microphone

MacBook Pro is designed with the following features to reduce its environmental impact:

- Highly recyclable aluminium and glass enclosure
- Mercury-free LED-backlit display
- Arsenic-free glass
- BFR-free internal components
- PVC-free internal cables
- Meets ENERGY STAR requirements
- EPEAT Gold rating



17-inch MacBook Pro

- NVIDIA GeForce 9600M GT graphics processor; 512MB of GDDR3 memory
- NVIDIA GeForce 9400M graphics processor with 256MB of DDR3 SDRAM shared with main memory³

All Models

- Dual display and video mirroring: Simultaneously supports full native resolution on the built-in display and up to 2560 by 1600 pixels on an external display, both at millions of colours
- Mini DisplayPort
- Built-in iSight camera



Video output options

DVI output using Mini DisplayPort to DVI Adapter (optional)

VGA output using Mini DisplayPort to VGA Adapter (optional)

Dual-link DVI output using Mini DisplayPort to Dual-Link DVI Adapter (optional)

Input



- Built-in full-size backlit keyboard with 78 (U.S.) or 79 (ISO) keys, including 12 function keys and 4 arrow keys (inverted "T" arrangement)
- Multi-Touch trackpad for precise cursor control; supports two-finger scrolling, pinch, rotate, three-finger swipe, four-finger swipe, tap, double-tap, and drag capabilities

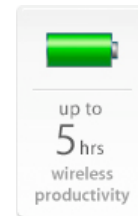
DVD-R DL (double layer), DVD+R DL (double layer), DVD-RW, DVD+RW; 24x CD-R; 10x CD-RW

- Maximum read: 8x DVD-R, DVD+R, DVD-ROM; 6x DVD-ROM (double layer DVD-9), DVD-R DL (double layer), DVD+R DL (double layer), DVD-RW, DVD+RW; 24x CD



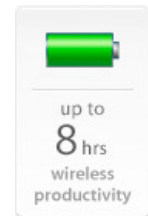
Battery and power⁵

15-inch MacBook Pro



Removable 50-watt-hour lithium-polymer battery

17-inch MacBook Pro



Built-in 95-watt-hour lithium-polymer battery

- 85W MagSafe Power Adapter with cable management system
- MagSafe power port

Electrical and operating requirements

- Line voltage: 100V to 240V AC
- Frequency: 50Hz to 60Hz
- Operating temperature: 10° to 35° C (50° to 95° F)
- Storage temperature: -24° to 45° C (-13° to 113° F)
- Relative humidity: 0% to 90% noncondensing
- Maximum operating altitude: 3,000 m (10,000 feet)
- Maximum storage altitude: 4,500 m (15,000 feet)
- Maximum shipping altitude: 10,668 m (35,000 feet)

What's in the box

- MacBook Pro
- Display cleaning cloth
- 85W MagSafe Power Adapter, AC wall plug, and power cord
- InstaX/restore DVDs
- Printed and electronic documentation



Installed software

- Mac OS X v10.5 Leopard (includes iTunes, Time Machine, Quick Look, Spaces, Spotlight, Dashboard, Mail, iChat, Safari, Address Book, QuickTime, iCal, DVD Player, Photo Booth, Front Row, Xcode Developer Tools)
- iLife (includes iPhoto, iMovie, iDVD, iWeb, GarageBand)

Configurations

	15-inch, 2.4GHz MacBook Pro (MB470X/A)	15-inch, 2.53GHz MacBook Pro (MB471X/A)	17-inch, 2.66GHz MacBook Pro (MB604X/A)
Enclosure	Precision aluminium unibody		
Processor	2.4GHz Intel Core 2 Duo	2.53GHz Intel Core 2 Duo	2.66GHz Intel Core 2 Duo
L2 cache	3MB shared	6MB shared	
System bus	1066MHz		
Memory	2GB (two 1GB SO-DIMMs) of 1066MHz DDR3 SDRAM; supports up to 4GB	4GB (two 2GB SO-DIMMs) of 1066MHz DDR3 SDRAM; supports up to 4GB	4GB (two 2GB SO-DIMMs) of 1066MHz DDR3 SDRAM; supports up to 8GB
Hard drive⁴	250GB Serial ATA; 5400 rpm	320GB Serial ATA; 5400 rpm	
Slot-loading optical drive	8x SuperDrive (DVD±R DL/DVD±RW/CD-RW)		
Graphics	NVIDIA GeForce 9600M GT graphics processor; and NVIDIA GeForce 9400M graphics processor with 256MB of DDR3 SDRAM shared with main memory ³		
Graphics memory	256MB GDDR3	512MB GDDR3	
Video	Built-in iSight camera; Mini DisplayPort output port with support for DVI, VGA, and dual-link DVI (requires adapters, sold separately)		
Display	15.4-inch (diagonal) LED-backlit glossy widescreen display, 1440-by-900 resolution		17-inch (diagonal) high-resolution LED-backlit glossy widescreen display, 1920-by-1200 resolution
Expansion	Two USB 2.0 ports (up to 480 Mbps) One FireWire 800 port (up to 800 Mbps)		Three USB 2.0 ports (up to 480 Mbps) One FireWire 800 port (up to 800 Mbps)
Audio	Built-in stereo speakers, built-in omnidirectional microphone, combined optical digital input/analog line in, combined optical digital output/analog line out		
Networking	Built-in 10/100/1000BASE-T (Gigabit) Ethernet		
Wireless	Built-in AirPort Extreme Wi-Fi (based on IEEE 802.11n draft specification) ² ; built-in Bluetooth 2.1 + EDR (Enhanced Data Rate) module		
Hardware accessories	85W MagSafe Power Adapter, AC wall plug, power cord		
Limited warranty and service	Your MacBook Pro comes with 90 days of free telephone support and a one-year limited warranty. Purchase the AppleCare Protection Plan to extend your service and support to three years from your computer's purchase date. 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-authorized technicians using genuine Apple parts. For more information, visit Apple support.		
Apple and the global environment	Learn more about Apple's dedication to reducing the environmental impact of our products and processes. The Apple Product Environmental Specification details the environmental attributes of our products.		
Recycling	Apple takes a holistic view of materials management and waste minimisation. Learn more about how to recycle your Mac.		

Options



Time Capsule

Time Capsule is a full-featured AirPort Extreme base station with a built-in hard drive. Back up wirelessly and create a Wi-Fi network with one device.

- 500GB or 1TB server-grade hard drive
- Wi-Fi Certified for 802.11n draft 2.0
- USB port for connecting a USB printer or USB external hard drive

Configure to order

- 250GB (7200-rpm) hard drive (15-inch)
- 320GB (5400-rpm) hard drive (15-inch)
- 320GB (7200-rpm) hard drive (15-inch or 17-inch)
- 128GB solid-state drive (15-inch)
- 128GB or 256GB solid-state drive (17-inch)
- Up to 4GB of 1066MHz DDR3 SDRAM (15-inch)
- Up to 8GB of 1066MHz DDR3 SDRAM (17-inch)
- Antiglare display (17-inch)
- Apple Remote (MA128G/B)
- Apple USB Modem (MA034Z/A)
- Apple Mini DisplayPort to DVI Adapter (MB570)
- Apple Mini DisplayPort to Dual-Link DVI Adapter (MB571)
- Apple Mini DisplayPort to VGA Adapter (MB572)
- MagSafe Airline Adapter (MB441Z/A)

Accessories

- Apple LED Cinema Display (MB382X/A)
- AirPort Extreme Base Station (MB053X/A)
- AirPort Express Base Station (MB321X/A)
- Apple Wireless Keyboard (MB167X/A)
- Apple Wireless Mighty Mouse (MB111ZM/A)
- Apple Keyboard (MB110X/A)
- Apple Wired Mighty Mouse (MB112ZM/A)
- Rechargeable Battery for 15-inch MacBook Pro (MB772)

- AppleCare Protection Plan (MB588FE/A)
- Aperture 2 (MB673Z/A)
- Final Cut Express (MB278Z/A)
- Logic Express (MA806Z/A)
- iWork '09 (MB942Z/A)

1. Actual weight varies by configuration and manufacturing process.
2. Wireless Internet access requires a base station or other wireless access point and Internet access; fees may apply. Some ISPs are not currently compatible with AirPort.
3. Memory available to Mac OS X may vary depending on graphics needs. Minimum graphics memory usage is 256MB.
4. 1GB=1 billion bytes; actual formatted capacity less.
5. For the 15-inch MacBook Pro: Testing conducted by Apple in October 2008 using preproduction 2.4GHz Intel Core 2 Duo-based MacBook Pro units with a Better Battery Life setting. For the 17-inch MacBook Pro: Testing conducted by Apple in December 2008 using preproduction 2.66GHz Intel Core 2 Duo-based MacBook Pro units with a Better Battery Life setting. Battery life depends on configuration and use. See www.apple.com.au/batteries for more information. The wireless productivity test measures battery life by wirelessly browsing various websites and editing text in a word processing document with display brightness set to 50%.

Which MacBook are you?

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MacBook Pro

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