

# MacBook

## Technical Specifications

### Size and weight

- Height: 1.08 inches (2.74 cm)  
Width: 13.00 inches (33.03 cm)  
Depth: 9.12 inches (23.17 cm)  
Weight: 4.7 pounds (2.13 kg)<sup>1</sup>



### Processor and memory

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



Configure your MacBook now, only at the Apple Online Store.

### Communications

AirPort Extreme 802.11n Wi-Fi wireless networking;<sup>2</sup> IEEE 802.11a/b/g compatible



Bluetooth 2.1 + EDR (Enhanced Data Rate) wireless technology



10/100/1000BASE-T Gigabit Ethernet (RJ-45 connector)

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

- Recyclable polycarbonate enclosure
- Mercury-free LED-backlit display

### Display



13.3-inch (diagonal) LED-backlit glossy widescreen display with support for millions of colors

**Supported resolutions:** 1280 by 800 (native), 1152 by 720, 1024 by 768, 1024 by 640, 800 by 600, 800 by 500, 720 by 480, and 640 by 480 pixels at 16:10 aspect ratio; 1024 by 768, 800 by 600, and 640 by 480 pixels at 4:3 aspect ratio; 720 by 480 pixels at 3:2 aspect ratio

### Graphics and video support

NVIDIA GeForce 320M graphics processor with 256MB of DDR3 SDRAM shared with main memory<sup>3</sup>



Extended desktop 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 colors

iSight camera



Mini DisplayPort

### Video output options

**DVI output** using Mini DisplayPort to DVI Adapter

**VGA output** using Mini DisplayPort to VGA Adapter

**Dual-link DVI output** using Mini DisplayPort to Dual-Link DVI Adapter supports 30-inch Apple Cinema HD Display (optional)

**HDMI output** using a third-party Mini DisplayPort to HDMI adapter

### Input

### Connections and expansion



- MagSafe power port
- Gigabit Ethernet port
- Mini DisplayPort
- Two USB 2.0 ports (up to 480 Mbps)
- Audio in/out
- Kensington lock slot

### Storage

- 250GB 5400-rpm Serial ATA hard disk drive; optional 320GB or 500GB 5400-rpm drive<sup>4</sup>
- 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 (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, and DVD+RW; 24x CD



### Battery and power<sup>5</sup>



up to

wireless web

Built-in 63.5-watt-hour lithium-polymer battery

60W MagSafe Power Adapter with cable management system

MagSafe power port

### Electrical and operating requirements

- Line voltage: 100V to 240V AC

#### display

- Arsenic-free display glass
- BFR-free
- PVC-free<sup>6</sup>
- Reduced packaging volume
- Meets ENERGY STAR Version 5.0 requirements
- Rated EPEAT Gold<sup>7</sup>



- Full-size 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 inertial scrolling, pinch, rotate, swipe, three-finger swipe, four-finger swipe, tap, double-tap, and drag capabilities

#### Audio

- Stereo speakers
- Omnidirectional microphone
- Combined headphone/line in (supports digital output)
- Support for Apple iPhone headset with microphone

- Frequency: 50Hz to 60Hz
- Operating temperature: 50° to 95° F (10° to 35° C)
- Storage temperature: -13° to 113° F (-24° to 45° C)
- Relative humidity: 0% to 90% noncondensing
- Maximum operating altitude: 10,000 feet
- Maximum storage altitude: 15,000 feet
- Maximum shipping altitude: 35,000 feet

#### Installed software

- Mac OS X v10.6 Snow Leopard (includes 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, GarageBand, iWeb, iDVD)

#### What's in the box

- MacBook
- 60W MagSafe Power Adapter, AC wall plug, and power cord
- Software DVDs
- Printed and electronic documentation



#### 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.

- 1TB or 2TB Serial ATA server-grade hard disk drive
- 802.11n Wi-Fi
- USB port for connecting a printer or external hard drive

#### Configure to order

- 320GB (5400-rpm) hard drive
- 500GB (5400-rpm) hard drive
- Up to 4GB of 1066MHz DDR3 SDRAM
- Apple Mini DisplayPort to DVI Adapter
- Apple Mini DisplayPort to VGA Adapter
- Apple Mini DisplayPort to Dual-Link DVI Adapter
- MagSafe Airline Adapter
- AppleCare Protection Plan
- Aperture
- Final Cut Express
- Logic Express
- iWork

#### Accessories

- Apple LED Cinema Display
- AirPort Extreme Base Station
- AirPort Express Base Station
- Apple Wireless Keyboard
- Apple Magic Mouse
- AppleCare Protection Plan

