

13-inch Technical Specifications MacBook Pro

Size and weight

- Height: 2.41 cm (0.95 inch)
- Width: 32.5 cm (12.78 inch)
- Depth: 22.7 cm (8.94 inch)
- Weight: 2.04 kg (4.5 pounds)



Connections and expansion



- MagSafe power port
- Gigabit Ethernet port
- FireWire 800 port (up to 800 Mbps)
- Two USB 2.0 ports (up to 480 Mbps)
- Thunderbolt port (up to 10 Gbps)
- Audio in/out
- SDXC card slot
- Kensington lock slot



Communications

- Wi-Fi wireless networking (based on IEEE 802.11n specification); IEEE 802.11a/b/g compatible
- Bluetooth 2.1 + EDR (Enhanced Data Rate) wireless technology
- 10/100/1000BASE-T Gigabit Ethernet (RJ-45 connector)



Audio

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

Display



- 13.3-inch (diagonal) LED-backlit glossy widescreen display with support for millions of colours
- Supported resolutions:** 1280 by 800 (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; 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

Intel HD Graphics 3000 with 384MB of DDR3 SDRAM shared with main memory

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

FaceTime HD camera

Thunderbolt port



Thunderbolt digital video output

- Native Mini DisplayPort output
- 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 supports 30-inch Apple Cinema HD Display (optional)
- HDMI audio and video output using a third-party Mini DisplayPort to HDMI Adapter

Input



- Full-size backlit keyboard with 78 (U.S.) or 79 (ISO) keys, including 12 function keys and 4 arrow keys (inverted "T" arrangement)

Processor and memory

- 2.4GHz dual-core Intel Core i5 processor with 3MB shared L3 cache



- 4GB (two 2GB SO-DIMMs) of 1333MHz DDR3 memory; two SO-DIMM slots support up to 8GB

Standard Configurations

2.4 GHz

Storage

500GB 5400-rpm Serial ATA hard 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 (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 power



up to
7 hrs
wireless
web

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

60W MagSafe Power Adapter with cable management system

MagSafe power port

- 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

What's in the box

- MacBook Pro
- Display cleaning cloth
- 60W MagSafe Power Adapter, AC wall plug and power cord
- Printed and electronic documentation



Software

- OS X Lion (includes Mail, Address Book, iCal, the Mac App Store, iTunes, Safari, Time Machine, FaceTime, Photo Booth, Mission Control, Launchpad, AirDrop, Resume, Auto Save, Versions, Quick Look, Spotlight, QuickTime and more)
- iLife (includes iPhoto, iMovie and GarageBand)

13-inch Configuration

	2.4GHz MacBook Pro (MD313LL/A)
Enclosure	Precision aluminium unibody
Processor	2.4GHz dual-core Intel Core i5
L3 cache	3MB shared
Memory	4GB (two 2GB SO-DIMMs) of 1333MHz DDR3 SDRAM; supports up to 8GB
Hard drive⁶	500GB Serial ATA; 5400 rpm
Slot-loading optical drive	8x SuperDrive (DVD±R DL/DVD±RW/CD-RW)
Graphics	Intel HD Graphics 3000 processor with 384MB of DDR3 SDRAM shared with main memory
Video	FaceTime HD camera; Thunderbolt port with support for DVI, VGA, dual-link DVI and HDMI (requires adapters, sold separately)
Display	13.3-inch (diagonal) LED-backlit glossy widescreen display, 1280-by-800 resolution
Expansion	One Thunderbolt port (up to 10 Gbps), one FireWire 800 port (up to 800 Mbps), two USB 2.0 ports (up to 480 Mbps), SDXC card slot
Audio	Stereo speakers with subwoofer, omnidirectional microphone, combined headphone/line in (supports digital output)
Networking	10/100/1000BASE-T (Gigabit) Ethernet
Wireless	Wi-Fi (based on IEEE 802.11n specification) ; Bluetooth 2.1 + EDR (Enhanced Data Rate) wireless technology

Costs (inc GST) through the St Cuthbert's College Programme

MacBook Pro 13", with Apple Protection Plan	\$1,856.00
3 year theft and accidental damage insurance	\$517.50
Total	\$2,373.50