

## Appendix A — Device Specifications and Software

### MacBook mobile computer

#### Dimensions

- Height: 1.08 inches (2.75 cm)
- Width: 12.78 inches (32.5 cm)
- Depth: 8.92 inches (22.7 cm)
- Weight: 5.0 pounds (2.27 kg)

#### Connections and expansion

- MagSafe power port
- Gigabit Ethernet port
- Mini-DVI port
- FireWire 400 port (up to 400 Mbps)
- Two USB 2.0 ports (up to 480 Mbps)
- Audio line in
- Audio line out
- Kensington lock slot

#### Communications

- Built-in AirPort Extreme Wi-Fi wireless networking
- IEEE 802.11a/b/g/n compatible (n - draft specification)
- Built-in Bluetooth 2.1 + EDR (Enhanced Data Rate)
- Built-in 10/100/1000BASE-T Gigabit Ethernet

#### Environmental Status Report

- MacBook is designed with the following features to reduce its environmental impact:
- Highly recyclable polycarbonate enclosure
- Majority of circuit board laminates are free of brominated flame retardants
- Majority of internal cables are PVC-free
- 43% smaller packaging
- Meets ENERGY STAR requirements
- EPEAT Silver rating

#### Display

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

#### Graphics and video support

- NVIDIA GeForce 9400M graphics processor with 256MB of DDR2 SDRAM shared with main memory
- Extended desktop and video mirroring: Simultaneously supports full native resolution on the built-in display and up to 1920 by 1200 pixels on an external display, both at millions of colors
- Built-in iSight camera
- Mini-DVI port

#### Video output options

- DVI output using Mini-DVI to DVI Adapter (not included)
- VGA output using Mini-DVI to VGA Adapter (included with Teacher devices)

#### Input

- Built-in full-size keyboard with 78 (U.S.) or 79 (ISO) keys, including 12 function keys and 4 arrow keys (inverted “T” arrangement)
- Solid-state scrolling trackpad for precise cursor control; supports two-finger scrolling, tap, double-tap, and drag capabilities

#### Audio

- Built-in stereo speakers
- Built-in omnidirectional microphone
- Combined optical digital input/analog line in (mini-jack)
- Combined optical digital output/analog line out (mini-jack)

#### Processor and memory

- 2.0 GHz Intel Core 2 Duo processor with 3MB on-chip shared L2 cache running 1:1 with processor speed
- 1066 MHz frontside bus
- 2GB (two 1GB SO-DIMMs) of 667MHz DDR2 SDRAM; two SO-DIMM slots support up to 4GB

#### Storage

- 120GB 5400-rpm Serial ATA hard disk 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, and DVD+RW; 24x CD

#### Battery and power

- 55-watt-hour lithium-polymer battery
- 60W MagSafe Power Adapter with cable management system
- MagSafe power port