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Manual for macbook pro 17 inch

Macbook pro manual pdf.

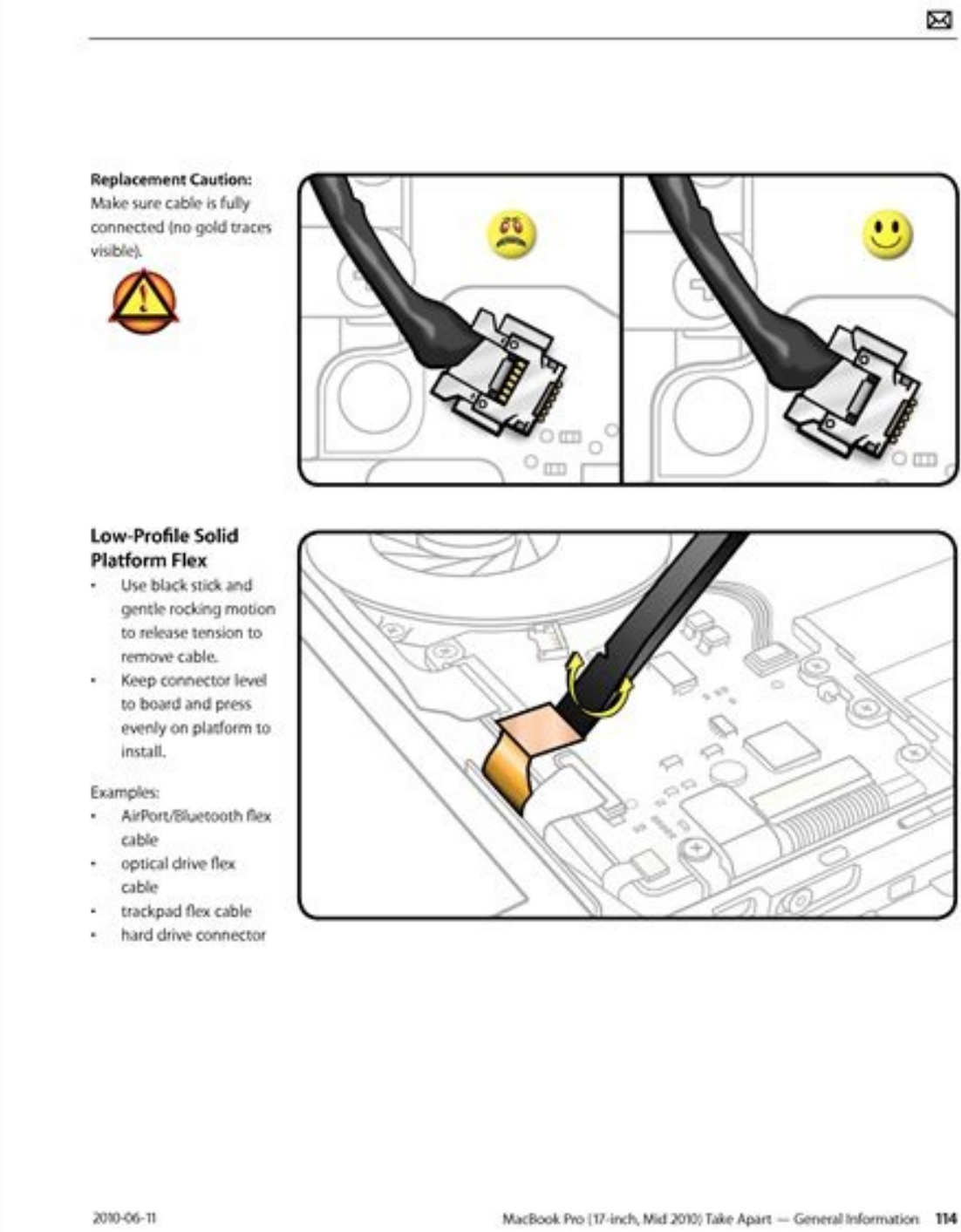
Languages DanskDeutschBritish EnglishEnglishEspañol (Chile)Español (Colombia)EspañolEspañol (América Latina)Español (América)SuomiFrançaisItaliano日本語NederlandsNorskPolskiPortuguês BrasileiroPortuguêsSvenska简体中文繁體中文 Size and weight Height: 0.98 inch (2.50 cm) Width: 15.47 inches (39.3 cm) Depth: 10.51 inches (26.7 cm) Weight: 6.6 pounds (2.99 kg)1 Connections and expansion MagSafe power port Gigabit Ethernet port FireWire 800 port (up to 800 Mbps) Three USB 2.0 ports (up to 480 Mbps) Thunderbolt port (up to 10 Gbps) Audio line in Audio line out ExpressCard/34 slot Kensington lock slot Communications Wi-Fi wireless networking2 (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 subwoofers Omnidirectional microphone (located under left speaker grille) Audio line in minijack (digital/analog) Audio line out/headphone minijack (digital/analog) Support for Apple iPhone headset with microphone Environmental Status Report MacBook Pro is designed with the following features to reduce its environmental impact: Highly recyclable aluminum and glass enclosure Mercury-free LED-backlit display Arsenic-free display glass BFR-free PVC-free3 Energy Efficient Ethernet Reduced packaging volume Meets ENERGY STAR Version 5.2 requirements Rated EPEAT Gold4 Display 17-inch (diagonal) high-resolution LED-backlit glossy or optional antiglare widescreen display with support for millions of colors 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 AMD Radeon HD 6770M graphics processor with 1GB of GDDR5 memory Intel HD Graphics 3000 with 384MB of DDR3 SDRAM shared with main memory5 Automatic graphics switching 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 colors 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) 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 Processor and memory 2.4GHz quad-core Intel Core i7 processor with 6MB shared L3 cache; or optional 2.5GHz quad-core Intel Core i7 processor with 8MB shared L3 cache 4GB (two 2GB SO-DIMMs) of 1333MHz DDR3 memory; two SO-DIMM slots support up to 8GB Storage 750GB 5400-rpm Serial ATA hard drive; optional 750GB 7200-rpm hard drive or 128GB, 256GB, or 512GB solid-state drive6 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 power7 up to 7 hrs wireless web 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: 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 Acoustic Performance DECLARED NOISE EMISSIONS in accordance with ISO 9296 Sound Power Level LwAd (B) 1 B = 10 dB Sound Pressure Level Operator Position LpAm (dB) Idle 2.8 15 Hard drive accessing 2.9 16 CD drive accessing 3.4 25 LwAd is the statistical upper-limit A-weighted sound power level (rounded to the nearest 0.1 B). LpAm is the mean A-weighted sound pressure level measured at the operator position (rounded to the nearest dB). 1 B (bel) = 10 dB (decibel). What's in the box MacBook Pro Display cleaning cloth 85W 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) 17-inch Configuration Enclosure Precision aluminum unibody Processor 2.4GHz quad-core Intel Core i7 L3 cache 6MB shared Memory 4GB (two 2GB SO-DIMMs) of 1333MHz DDR3 SDRAM; supports up to 8GB Hard drive6 750GB Serial ATA; 5400 rpm Slot-loading optical drive 8x SuperDrive (DVD±R DL/DVD±RW/CD-RW) Graphics Intel HD Graphics 30005 and AMD Radeon HD 6770M with automatic graphics switching Graphics memory 1GB GDDR5 Video FaceTime HD camera; Thunderbolt port with support for DVI, VGA, dual-link DVI, and HDMI (requires adapters, sold separately) Display 17-inch (diagonal) high-resolution LED-backlit glossy or optional antiglare widescreen display, 1920-by-1200 resolution Expansion One Thunderbolt port (up to 10 Gbps), one FireWire 800 port (up to 800 Mbps), three USB 2.0 ports (up to 480 Mbps), ExpressCard/34 slot Audio Stereo speakers with subwoofers, omnidirectional microphone, audio line in minijack (digital/analog), audio line out/headphone minijack (digital/analog) Networking 10/100/1000BASE-T (Gigabit) Ethernet Wireless Wi-Fi (based on IEEE 802.11n specification)2; Bluetooth 2.1 + EDR (Enhanced Data Rate) wireless technology 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 or call 800-823-2775. Apple and the global environment Learn more about Apple's dedication to reducing the environmental impact of our products and processes. Apple Product Environmental Reports detail the environmental attributes of our products. Recycling Apple takes a holistic view of materials management and waste minimization. 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. 2TB or 3TB server-grade hard drive Wi-Fi Certified for 802.11n 2.0 USB port for connecting a USB printer or USB external hard drive Configure to order 2.5GHz quad-core Intel Core i7 processor 750GB (7200-rpm) hard drive 128GB, 256GB, or 512GB solid-state drive Up to 8GB of 1333MHz DDR3 SDRAM Antiglare display Apple Remote Apple Mini DisplayPort to DVI Adapter Apple Mini DisplayPort to Dual-Link DVI Adapter Apple Mini DisplayPort to VGA Adapter MagSafe Airline Adapter AppleCare Protection Plan Accessories Apple Thunderbolt Display AirPort Extreme Base Station AirPort Express Base Station Apple Wireless Keyboard Magic Mouse Apple Keyboard with Numeric Keypad Apple Mouse Actual weight varies by configuration and manufacturing process. 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. PVC-free AC power cord is available in the U.S., Canada, Mexico, Colombia, El Salvador, Guatemala, Panama, Peru, Puerto Rico, U.S. Virgin Islands, and Venezuela. MacBook Pro achieved a Gold rating from EPEAT in the U.S. and Canada. Memory available to OS X may vary depending on graphics needs. Minimum graphics memory usage is 384MB. 1GB=1 billion bytes; actual formatted capacity less.

Wireless web testing conducted by Apple in October 2011 using preproduction 2.4GHz quad-core Intel Core i7-based 17-inch MacBook Pro units.



The wireless web test measures battery life by wirelessly browsing 25 popular websites with display brightness set to 50%. Battery life varies by use and configuration. See www.apple.com/batteries for more information. Published Date: Jun 2, 2017 17-inch MacBook Pro User's Guide Includes setup, expansion, and troubleshooting information for your MacBook Pro computerPage 2 Every effort has been made to ensure that the information in this manual is accurate. Apple is not responsible for printing or clerical errors. Apple1 Infinite LoopCupertino, CA 95014-2084408-996-1010www.apple.com Apple, the Apple logo, AirPort, AppleTalk, Final Cut, FireWire, iCal, iDVD, iLife, iMac, iMovie, iPhoto, iPod, iTunes, Mac, Macintosh, Mac OS, and QuickTime are trademarks of Apple Computer, Inc., registered in the U.S. and other countries.



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