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You can read the recommendations in the user guide, the technical guide or the installation guide for APPLE MACBOOK PRO 2012. You'll find the answers to all your questions on the APPLE MACBOOK PRO 2012 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual APPLE MACBOOK PRO 2012
User guide APPLE MACBOOK PRO 2012
Operating instructions APPLE MACBOOK PRO 2012
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Instruction manual APPLE MACBOOK PRO 2012



MacBook Pro

Important Product
Information Guide



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Manual abstract:

Built-in battery Do not remove the battery from your MacBook Pro. The battery should be replaced only by an Apple Authorized Service Provider. Discontinue use of your MacBook Pro if it's dropped or appears crushed, bent, deformed, or damaged. Do not expose your MacBook Pro to extreme heat sources, such as radiators or fireplaces, where temperatures might exceed 212°F (100°C). Proper handling The bottom of your MacBook Pro may become very warm during normal use. **Damage** Your MacBook Pro or power adapter has been dropped, the case has been damaged, or you suspect that service or repair is required. The MagSafe 2 power port (where you plug in the MagSafe 2 connector) contains a magnet that can erase data on a credit card, iPod, or other device. To preserve your data, do not place these or other magnetically sensitive material or devices within 1 inch (25 mm) of this port. If debris gets into the MagSafe 2 power port, remove it gently with a dry cotton swab. MagSafe 2 power specifications: Frequency: 50 to 60 Hz, single phase Line Voltage: 100 to 240 V Output Voltage: 20 V DC, 4.

25 A Do not push objects into the ventilation openings. If your MacBook Pro is on your lap and gets uncomfortably warm, remove it from your lap and place it on a stable work surface. Water and wet locations Keep your MacBook Pro away from sources of liquid, such as drinks, washbasins, bathtubs, shower stalls, and so on. Protect your MacBook Pro from dampness or wet weather, such as rain, snow, and fog. **85W MagSafe 2 Power Adapter** Use only the power adapter that came with your MacBook Pro, or an Apple-authorized power adapter that is compatible with this product.

Hearing damage Permanent hearing loss may occur if earbuds or headphones are used at high volume. You can adapt over time to a higher volume of sound that may sound normal but can be damaging to your hearing. If you experience ringing in your ears or muffled speech, stop listening and have your hearing checked. The louder the volume, the less time is required before your hearing could be affected. Hearing experts suggest that to protect your hearing: **Limit the amount of time you use earbuds or headphones at high volume.**

Avoid turning up the volume to block out noisy surroundings. Turn the volume down if you can't hear people speaking near you. High-risk activities This computer is not intended for use in the operation of nuclear facilities, aircraft navigation or communications systems, air traffic control systems, or for any other uses where a failure of the computer system could lead to death, personal injury, or severe environmental damage. Operating environment Operating your MacBook Pro outside these ranges may affect performance: Operating temperature: 50° to 95° F (10° to 35° C) Storage temperature: -4° to 113° F (-20° to 45° C) Relative humidity: 5% to 90% (noncondensing) Operating altitude: 0 to 10,000 feet (0 to 3048 meters) Carrying your MacBook Pro If you carry your MacBook Pro in a bag or briefcase, make sure that there are no loose items (such as paper clips or coins) that could accidentally get inside the computer through vent openings or get stuck inside a port. Also, keep magnetically sensitive items away from the MagSafe 2 power port. Using connectors and ports Never force a connector into a port. When connecting a device, make sure the port is free of debris, that the connector matches the port, and that you have positioned the connector correctly in relation to the port. Handling glass parts Your MacBook Pro contains glass components, including the display and trackpad. If they are damaged, don't use your MacBook Pro until it has been repaired by an Apple Authorized Service Provider. Storing your MacBook Pro If you are going to store your MacBook Pro for an extended period of time, keep it in a cool location (ideally, 71° F or 22° C) and discharge the battery to 50 percent.

When storing your computer for longer than five months, discharge the battery to approximately 50 percent. To maintain the capacity of the battery, recharge the battery to 50 percent every six months or so. **Cleaning your MacBook Pro** When cleaning the outside of your MacBook Pro and its components, first shut down your MacBook Pro, and then unplug the power adapter. Then dampen the included cleaning cloth to wipe the MacBook Pro exterior. Avoid getting moisture in any openings. Do not spray liquid directly on the computer. Do not use aerosol sprays, solvents, or abrasives that might damage the finish. **Cleaning the MacBook Pro screen** To clean your MacBook Pro screen, first shut down your MacBook Pro and unplug the power adapter. Then dampen the included cleaning cloth with just water and wipe the screen. Do not spray liquid directly on the screen.

Understanding Ergonomics Here are some tips for setting up a healthy work environment. **Keyboard and Trackpad** When you use the keyboard and trackpad, your shoulders should be relaxed. Your upper arm and forearm should form an angle that is slightly greater than a right angle, with your wrist and hand in roughly a straight line. **Not this** Use a light touch when typing or using the trackpad and keep your hands and fingers relaxed. Avoid rolling your thumbs under your palms.

Not this Change hand positions often to avoid fatigue. Some computer users might develop discomfort in their hands, wrists, or arms after intensive work without breaks. If you begin to develop chronic pain or discomfort in your hands, wrists, or arms, consult a qualified health specialist. **External Mouse** If you use an external mouse, position the mouse at the same height as the keyboard and within a comfortable reach. **Chair** An adjustable chair that provides firm, comfortable support is best.

Adjust the height of the chair so your thighs are horizontal and your feet are flat on the floor. The back of the chair should support your lower back (lumbar region). Follow the manufacturer's instructions for adjusting the backrest to fit your body properly. You might have to raise your chair so that your forearms and hands are at the proper angle to the keyboard. If this makes it impossible to rest your feet flat on the floor, you can use a footrest with adjustable height and tilt to make up for any gap between the floor and your feet. Or you can lower the desktop to eliminate the need for a footrest. **Another option is to use a desk with a keyboard tray that's lower than the regular work surface.** **Apple Hardware Test** You can use the Apple Hardware Test (AHT) application to help determine if there's a problem with one of the computer's components, such as the memory or processor. To use Apple Hardware Test: Disconnect all external devices from your computer except the power adapter. Restart your computer and hold down the D key as it starts up.

When the AHT chooser screen appears, select the language for your location.



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Press the Return key or click the right arrow button. When the AHT main screen appears (after about 45 seconds), follow the onscreen instructions. If AHT detects a problem, it displays an error code. Make a note of the error code before pursuing support options. If AHT doesn't detect a hardware failure, the problem might be software related. Built-In Display Adjust the angle of the display to minimize glare and reflections from overhead lights and windows. Do not force the display if you meet resistance. The display is not designed to open past 135 degrees. You can adjust the brightness of the screen when you take the computer from one work location to another, or if the lighting in your work area changes.

More information about ergonomics is available on the web: www.apple.com/about/ergonomics AppleCare Service and Support Your MacBook Pro comes with 90 days of technical support and one year of hardware repair warranty coverage at an Apple Retail Store or an Apple-authorized repair center, such as an Apple Authorized Service Provider. You can extend your coverage by purchasing the AppleCare Protection Plan. For information, visit www.apple.com/support/products or visit the website address for your country listed later in this section. If you need assistance, AppleCare telephone support representatives can help you with installing and opening applications, and troubleshooting. Call the support center number nearest you (the first 90 days are complimentary). @@@@To open Systém conforme aux normes CNR exemptes de licence d'Industrie Canada. Le fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas provoquer d'interférences et (2) cet appareil doit accepter toute interférence, y compris celles susceptibles de provoquer un fonctionnement non souhaité de l'appareil. Bluetooth Industry Canada Statement This Class B device meets all requirements of the Canadian interference-causing equipment regulations. Cet appareil numérique de la Class B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada. Industry Canada Statement Complies with the Canadian ICES-003 Class B specifications. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada. This device complies with RSS 210 of Industry Canada. European Compliance Statement This product complies with the requirements of European Directives 2006/95/EC, 2004/108/EC, and 1999/5/EC. Magyar Alulírott, Apple Inc. nyilatkozik, hogy a MacBook Pro megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak. Malti Hawnhekk, Appleries according to your local environmental laws and guidelines.

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If Apple determines that your Apple Product is eligible for mail-in service, Apple will send you prepaid waybills and if applicable, packaging material, so that you may ship your Apple Product to an ARS or AASP location in accordance with Apple's instructions. Once service is complete, the ARS or AASP location will return the Apple Products to you. Apple will pay for shipping to and from your location if all instructions are followed. (iii) Do-it-yourself (DIY) parts service. DIY parts service allows you to service your own Apple Product.

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