



# Important Product Information

This *Important Product Information* guide contains safety, handling, disposal and recycling, regulatory, and software license information, as well as the limited warranty for your computer. Retain documentation for future reference.



**WARNING:** Failure to follow these safety instructions could result in fire, electric shock, or other injury or damage to your computer or other property. Read all safety information below before using your computer.

Review the *User Guide* before using your computer. Download the *User Guide* from [support.apple.com/manuals](http://support.apple.com/manuals) or from the iBooks Store (where available).

## Important safety and handling information

**Proper handling** Handle your computer with care. It is made of metal, glass, and plastic and has sensitive electronic components inside. Your computer can be damaged if dropped, burned, punctured, or crushed, or if it comes in contact with liquid. Discontinue use of your computer if it's dropped or appears crushed, bent, deformed, or damaged.

Set up your computer on a stable work surface that allows for adequate air circulation under and around the computer. Do not operate your computer on a pillow or other soft material, as the material can block the airflow vents. Never push objects into the ventilation openings.

**Water and wet locations** Keep your computer away from sources of liquid, such as drinks, washbasins, bathtubs, shower stalls, and so on. Protect your computer from dampness or wet weather, such as rain, snow, and fog.

**Avoid 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, you:

- 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.

Listening to sound at high volumes may damage your hearing. Background noise, as well as continued exposure to high-volume levels, can make sounds seem quieter than they actually are. Use only compatible earbuds, headphones, or earpieces with your computer. Turn on the audio and check the volume before inserting anything into your ear.

For more information about hearing loss, go to [www.apple.com/sound](http://www.apple.com/sound).

**WARNING:** To prevent possible hearing damage, do not listen at high-volume levels for long periods.

**Medical conditions** If you have a medical condition that you believe could be affected by using computer (for example, seizures, blackouts, eyestrain, or headaches), consult with your physician prior to using computer.

**High-consequence activities** This computer is not intended for use where the failure of the computer could lead to death, personal injury, or severe environmental damage.

**Turning on your computer** Never turn on your computer unless all of its internal and external parts are in place. Operating your computer when parts are missing may be dangerous and may damage your computer.

**Carrying your computer** Before you lift or reposition your computer shut it down and disconnect all cables and cords connected to it. If you carry your computer 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.

**Built-in battery** Don't attempt to replace or remove the battery yourself—you may damage the battery, which could cause overheating and injury. The battery should be replaced by Apple or an authorized service provider, and must be recycled or disposed of separately from household waste. Do not expose your computer or its battery to extreme heat sources, such as radiators or fireplaces, where temperatures might exceed 212°F (100°C).

See [www.apple.com/batteries](http://www.apple.com/batteries) for information about battery recycling and replacement.

**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.

**Storing your computer** If you are going to store your computer 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. Maintain the battery at approximately 50 percent while in storage.

**Cleaning your computer** When cleaning the outside of your computer and its components, first shut down your computer and unplug the power cord. Then use a damp, soft, lint-free cloth to clean the computer's 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.

## Do not make repairs yourself

Your computer doesn't have any user-serviceable parts. Do not attempt to replace or repair any components inside your computer. If your computer needs service, consult Apple or an authorized service provider.

**WARNING:** Making adjustments or performing procedures may result in hazardous radiation exposure.

If you attempt to install items, you risk damaging your equipment, and such damage isn't covered by the limited warranty on your computer.

**WARNING:** Never push objects of any kind into this product through the ventilation openings in the case. Doing so may be dangerous and damage your computer.

## Learning more, service, and support

Do not attempt to open your computer. If you need service, contact Apple or take your computer to an authorized service provider. You can find more information about your computer through Mac Help, System Report, Apple Hardware Test, and online resources.

### Mac Help

You can often find answers to your questions, as well as instructions and troubleshooting information, in Mac Help on your Mac. Click the Finder icon, click Help in the menu bar, and choose Mac Help.

### System Report

To get information about your computer use System Report. It shows you what hardware and software is installed, the serial number and operating system version, how much memory is installed, and more. To open System Report, choose Apple () > About This Mac from the menu bar and then click System Report.

### Apple Hardware Test

You can use Apple Hardware Test (AHT) 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. 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.

#### Online resources

For online service and support information, go to [www.apple.com/support](http://www.apple.com/support) and choose your country from the pop-up menu. You can search the AppleCare Knowledge Base, check for software updates, or get help from Apple's discussion forums.

#### Apple and the environment

At Apple, we recognize our responsibility to minimize the environmental impacts of our operations and products.

For more information, go to [www.apple.com/environment](http://www.apple.com/environment).

#### AppleCare service and support

Your computer 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](http://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). Have the purchase date and your computer serial number ready when you call.

Your 90 days of complimentary telephone support begins on the date of purchase.

United States: 1-800-275-2273

[www.apple.com/support](http://www.apple.com/support)

Australia: (61) 1-300-321-456

[www.apple.com/au/support](http://www.apple.com/au/support)

Canada: 1-800-263-3394

(English) [www.apple.com/ca/support](http://www.apple.com/ca/support)

(French) [www.apple.com/ca/fr/support](http://www.apple.com/ca/fr/support)

Ireland: 1-800-804-062

[www.apple.com/ie/support](http://www.apple.com/ie/support)

New Zealand: 00800-7666-7666

[www.apple.com/nz/support](http://www.apple.com/nz/support)

United Kingdom: (44) 0844 209 0611

[www.apple.com/uk/support](http://www.apple.com/uk/support)

Telephone numbers are subject to change, and local and national telephone rates may apply. A complete list is available on the web:

[www.apple.com/support/contact/phone\\_contacts.html](http://www.apple.com/support/contact/phone_contacts.html)

#### Regulatory compliance information

**FCC compliance statement** This computer complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. See instructions if interference to radio or television reception is suspected.

**Radio and television interference** This computer generates, uses, and can radiate radio-frequency energy. If it is not installed and used properly—that is, in strict accordance with Apple's instructions—it may cause interference with radio and television reception.

This computer has been tested and found to comply with the limits for a Class B digital device in accordance with the specifications in Part 15 of FCC rules. These specifications are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation.

For more information about interference, go to [www.apple.com/legal/rfexposure](http://www.apple.com/legal/rfexposure).

**Wireless radio use** This computer is restricted to indoor use when operating in the 5.15 to 5.25 GHz frequency band.

Cet appareil doit être utilisé à l'intérieur.

**FCC Bluetooth® wireless compliance** The antenna used with this transmitter must not be colocated or operated in conjunction with any other antenna or transmitter subject to the conditions of the FCC Grant.

**Industry Canada statement** Complies with CAN ICES-3 (B)/NMB-3(B).

This computer complies with RSS 210 of Industry Canada.

**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.

**Canadian compliance statement** This computer complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est 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.

**EU compliance statement** Hereby, Apple Inc. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.



Apple's EU representative is Apple Distribution International, Hollyhill Industrial Estate, Cork, Ireland.

#### Disposal and recycling information

This product and/or battery should not be disposed of with household waste.

When you decide to dispose of this product and/or its battery, do so in accordance with local environmental laws and guidelines.

For information about Apple's recycling program, recycling collection points, restricted substances and other environmental initiatives, visit [www.apple.com/environment](http://www.apple.com/environment).

#### 台灣



廢電池請回收

#### Korea warning statements

##### 대한민국 규정 및 준수

미래창조과학부고시에 따른 고지사항  
해당 무선설비는 운용 중 전파혼신 가능성이 있으므로,  
인명안전과 관련된 서비스에 사용할 수 없습니다.

B급 기기(가정용 방송통신기자재)  
이 기기는 가정용(B급) 전자파적합기기로서 주로  
가정에서 사용하는 것을 목적으로 하며,  
모든 지역에서 사용할 수 있습니다.

#### Singapore wireless certification

Complies with  
IDA Standards  
DB00063

## Taiwan statements

### 無線設備の警告聲明

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

如有這 頻率:

於 5.25GHz 至 5.35GHz 區域內操作之  
無線設備的警告聲明  
工作頻率 5.250 ~ 5.350GHz 該頻段限於室內使用。

### 警告

本電池如果更換不正確會有爆炸的危險  
請依製造商說明書處理用過之電池

## Japan VCCI Class B statement

この装置は、クラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。取扱説明書に従って正しい取り扱いをして下さい。VCCI-B

本製品は、EMC準拠の周辺機器およびシステムコンポーネント間にシールドケーブル（イーサネットネットワークケーブルを含む）が使用されている状態で、EMC への準拠が実証されています。ラジオ、テレビ、およびその他の電子機器への干渉が発生する可能性を低減するため、EMC 準拠の周辺機器およびシステムコンポーネント間にシールドケーブルを使用することが重要です。

重要: Apple の許諾を得ることなく本製品に変更または改変を加えると、電磁両立性(EMC)および無線に準拠しなくなり、製品を操作するための許諾が取り消されるおそれがあります。

## Russia, Kazakhstan, Belarus



## External USB modem information

When connecting your computer to the phone line using an external USB modem, refer to the telecommunications agency information in the documentation that came with your modem.

## Battery disposal information

Dispose of batteries according to your local environmental laws and guidelines.

## China battery statement

警告： 不要刺破或焚烧。该电池不含水银。

## Taiwan battery statement

警告：請勿戳刺或焚燒。此電池不含汞。

## Software License Agreement

Use of this computer constitutes acceptance of the Apple and third-party software license terms found at: [www.apple.com/legal/sla](http://www.apple.com/legal/sla).

## Apple One-Year Limited Warranty Summary

Apple warrants the included hardware product and accessories against defects in materials and workmanship for one year from the date of original retail purchase. Apple does not warrant against normal wear and tear, nor damage caused by accident or abuse. To obtain service call Apple, visit an Apple owned retail store or an Apple authorized service provider—available service options dependent on country in which service is requested and may be restricted to original country of sale. Call charges and international shipping charges may apply depending on location. Subject to the full terms and detailed information on obtaining service available at [www.apple.com/legal/warranty](http://www.apple.com/legal/warranty) and [www.apple.com/support](http://www.apple.com/support), if you submit a valid claim under this warranty, Apple will either repair, replace, or refund your computer at its own discretion. Warranty benefits are in addition to rights provided under local consumer laws. You may be required to furnish proof of purchase details when making a claim under this warranty.

*For Australian Consumers:* Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. Apple Pty Ltd, PO Box A2629, Sydney South NSW 1235. Tel: 133-622.

*For Brazilian Consumers:* Warranty benefits are in addition to rights provided under local consumer laws, except for the 1-year warranty that already comprises the full term of legal warranty provided by the Brazilian consumer defense code/regulations.