

# Aspire Z5600/Z5610

## User Guide

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Aspire  
User Guide

Visit <http://registration.acer.com> and discover the benefits of being an Acer customer.

# Information for your safety and comfort

## Safety instructions

Read these instructions carefully. Keep this document for future reference. Follow all warnings and instructions marked on the product.

### Turning the product off before cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

### CAUTION for plug as disconnecting device

Observe the following guidelines when connecting and disconnecting power to the power supply unit:

Install the power supply unit before connecting the power cord to the AC power outlet.

Unplug the power cord before removing the power supply unit from the computer.

If the system has multiple sources of power, disconnect power from the system by unplugging all power cords from the power supplies.

### CAUTION for accessibility

Be sure that the power outlet you plug the power cord into is easily accessible and located as close to the equipment operator as possible. When you need to disconnect power to the equipment, be sure to unplug the power cord from the electrical outlet.

### Warnings

- Do not use this product near water.
- Do not place this product on an unstable cart, stand or table. If the product falls, it could be seriously damaged.
- Slots and openings are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.
- Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind onto or into the product.
- To avoid damage of internal components and to prevent battery leakage,

do not place the product on a vibrating surface.

- Never use it under sporting, exercising, or any vibrating environment which will probably cause unexpected short current or damage rotor devices, HDD, Optical drive, and even exposure risk from lithium battery pack.

## Safe listening

Follow these instructions, suggested by hearing experts, to protect your hearing.

- Gradually increase the volume until you can hear it clearly and comfortably and without distortion.
- After setting the volume level, do not increase it after your ears adjust.
- Limit the amount of time listening to music 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.

## Using electrical power

- This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
- Do not allow anything to rest on the power cord. Do not locate this product where people will walk on the cord.
- If an extension cord is used with this product, make sure that the total ampere rating of the equipment plugged into the extension cord does not exceed the extension cord ampere rating. Also, make sure that the total rating of all products plugged into the wall outlet does not exceed the fuse rating.
- Do not overload a power outlet, strip or receptacle by plugging in too many devices. The overall system load must not exceed 80% of the branch circuit rating. If power strips are used, the load should not exceed 80% of the power strip's input rating.
- This product's power supply is equipped with a three-wire grounded plug. The plug only fits in a grounded power outlet. Make sure the power outlet is properly grounded before inserting the power supply plug. Do not insert the plug into a non-grounded power outlet. Contact your electrician for details.



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**Warning! The grounding pin is a safety feature. Using a power outlet that is not properly grounded may result in electric shock and/or injury.**



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**Note:** The grounding pin also provides good protection from unexpected noise produced by other nearby electrical devices that may interfere with the performance of this product.

- Use the product only with the supplied power supply cord set. If you need to replace the power cord set, make sure that the new power cord meets the following requirements: detachable type, UL listed/CSA certified, VDE approved or its equivalent, 4.6 meters (15 feet) maximum length.

## Product servicing

Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.

Unplug this product from the wall outlet and refer servicing to qualified service personnel when:

- the power cord or plug is damaged, cut or frayed
- liquid was spilled into the product
- the product was exposed to rain or water
- the product has been dropped or the case has been damaged
- the product exhibits a distinct change in performance, indicating a need for service
- the product does not operate normally after following the operating instructions



**Note:** Adjust only those controls that are covered by the operating instructions, since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.

**CAUTION:** Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

## Additional safety information

Your device and its enhancements may contain small parts. Keep them out of the reach of small children.

## Disposal instructions

Do not throw this electronic device into the trash when discarding. To minimize pollution and ensure utmost protection of the global environment, please recycle. For more information on the Waste from Electrical and

Electronics Equipment (WEEE) regulations, visit <http://www.acer-group.com/public/Sustainability/sustainability01.htm>.



## Mercury advisory

For projectors or electronic products containing an LCD/CRT monitor or display: Lamp(s) inside this product contain mercury and must be recycled or disposed of according to local, state or federal laws. For more information, contact the Electronic Industries Alliance at [www.eiae.org](http://www.eiae.org). For lamp-specific disposal information, check [www.lamprecycle.org](http://www.lamprecycle.org).



## ENERGY STAR

Acer's ENERGY STAR qualified products save your money by reducing energy cost and protecting the environment without sacrificing features or performance. Acer is proud to offer our customers products with the ENERGY STAR mark.

What is ENERGY STAR?

Products that are ENERGY STAR qualified use less energy and prevent greenhouse gas emissions by meeting strict energy efficiency guidelines set by the U.S. Environmental Protection Agency. Acer is committed to offer products and services worldwide that help customers save money, conserve energy and improve the quality of our environment. The more energy we can save through higher energy efficiency, the more we reduce greenhouse gases and the risks of climate change. More information refers to <http://www.energystar.gov> or <http://www.energystar.gov/powermanagement>.



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**Note:** The statement above is applicable only to Acer system with an ENERGY STAR sticker.

Acer ENERGY STAR qualified products:

- Produce less heat and reduce cooling loads, and warmer climates.
- Automatically go into "display sleep" and "computer sleep" mode after 10 and 30 minute of inactivity respectively.
- Wake the computer from sleep mode by pushing keyboard or moving mouse.
- Computers will save more than 80% energy at "sleep" mode.

ENERGY STAR and the ENERGY STAR mark are registered U.S. marks

## Tips and information for comfortable use

Computer users may complain of eyestrain and headaches after prolonged use. Users are also at risk of physical injury after long hours of working in front of a computer. Long work periods, bad posture, poor work habits, stress, inadequate working conditions, personal health and other factors greatly increase the risk of physical injury.

Incorrect computer usage may lead to carpal tunnel syndrome, tendonitis, tenosynovitis or other musculoskeletal disorders. The following symptoms may appear in the hands, wrists, arms, shoulders, neck or back:

- numbness, or a burning or tingling sensation
- aching, soreness or tenderness
- pain, swelling or throbbing
- stiffness or tightness
- coldness or weakness

If you have these symptoms, or any other recurring or persistent discomfort and/or pain related to computer use, consult a physician immediately and inform your company's health and safety department.

The following section provides tips for more comfortable computer use.

### Finding your comfort zone

Find your comfort zone by adjusting the viewing angle of the monitor, using a footrest, or raising your sitting height to achieve maximum comfort. Observe the following tips:

- refrain from staying too long in one fixed posture
- avoid slouching forward and/or leaning backward
- stand up and walk around regularly to remove the strain on your leg muscles
- take short rests to relax your neck and shoulders
- avoid tensing your muscles or shrugging your shoulders
- install the external display, keyboard and mouse properly and within comfortable reach
- if you view your monitor more than your documents, place the display at the center of your desk to minimize neck strain

## Taking care of your vision

Long viewing hours, wearing incorrect glasses or contact lenses, glare, excessive room lighting, poorly focused screens, very small typefaces and low-contrast displays could stress your eyes. The following sections provide suggestions on how to reduce eyestrain.

### Eyes

- Rest your eyes frequently.
- Give your eyes regular breaks by looking away from the monitor and focusing on a distant point.
- Blink frequently to keep your eyes from drying out.

### Display

- Keep your display clean.
- Keep your head at a higher level than the top edge of the display so your eyes point downward when looking at the middle of the display.
- Adjust the display brightness and/or contrast to a comfortable level for enhanced text readability and graphics clarity.
- Eliminate glare and reflections by:
  - placing your display in such a way that the side faces the window or any light source
  - minimizing room light by using drapes, shades or blinds
  - using a task light
  - changing the display's viewing angle
  - using a glare-reduction filter
  - using a display visor, such as a piece of cardboard extended from the display's top front edge
- Avoid adjusting your display to an awkward viewing angle.
- Avoid looking at bright light sources, such as open windows, for extended periods of time.

## Developing good work habits

Develop the following work habits to make your computer use more relaxing and productive:

- Take short breaks regularly and often.
- Perform some stretching exercises.
- Breathe fresh air as often as possible.
- Exercise regularly and maintain a healthy body.



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**Warning! We do not recommend using the computer on a couch or bed. If this is unavoidable, work for only short periods, take breaks regularly, and do some stretching exercises.**





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**Note:** For more information, please refer to "Regulations and safety notices" on page 9 in the **Aspire User Guide**.



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**Remark:** All images are for reference purposes only.  
Actual configuration may vary.

# System tour




Important: Your computer's hardware options , port locations, and indicators may vary from this illustration.

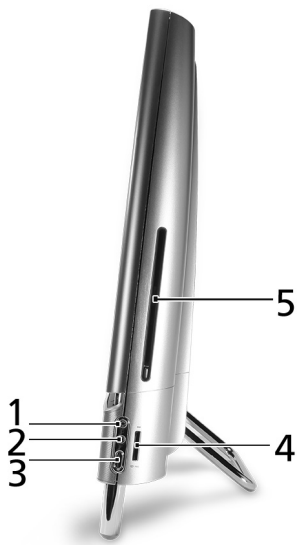
Your computer consists of the following:





## Front



#	Icon	Description
1		Microphone
2		HD webcam
3		Display screen
4		Acer TouchPortal
5		Power button


## Right



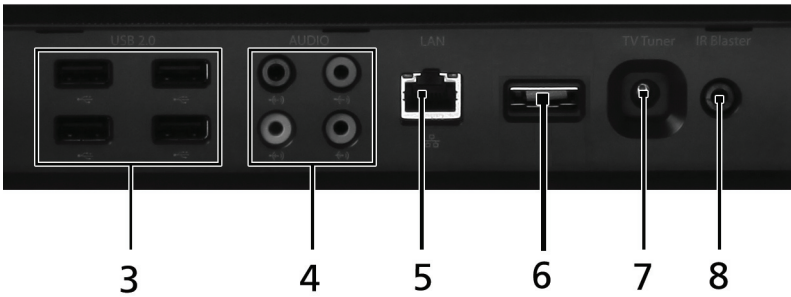
#	Icon	Description
1		Headphone jack
2		Microphone-in jack
3		Illumination toggle switch
4		Memory card reader
5		Optical disc drive



# Left





#	Icon	Description
1		BCAS reader (only for certain models)
2		USB ports

# Back



#	Icon	Description
1		Power connector
2		Kensington™ lock slot
3		USB ports



#	Icon	Description
5		RJ-45 Ethernet connector
4		Line-out / Speaker-out jack
6		eSATA port
7		TV Tuner
8		IR port



**Note:** The specifications listed above are for reference only. The exact configuration of your PC depends on the model purchased.

## Setting up your computer

The AcerSystem is a versatile and powerful system, supporting a mainstream performance CPU. The computer uses a state-of-the-art bus architecture, which improves system efficiency and helps the system support varied multimedia and software applications.

Your AcerSystem has standard I/O (input/output) interfaces such as a parallel port, keyboard and mouse ports, USB 2.0 ports, and stereo microphone, line-in and line-out jacks (configuration may vary by models). The system can accommodate extra peripheral equipment through these I/O ports.

Your system can also support an optional high-speed fax/data modem or an additional LAN (local area network) card.

Furthermore, the system is compatible with Microsoft® Windows® or Linux-based operating systems.

## Necessary to know before setup

### Selecting a location

Selecting the optimum location for your computer:

- Do not place the system too close to other electrical equipment.

- Do not place the system in high-traffic areas or where the power cord or other cords may be stepped on.
- Avoid placing the system in any location that is excessively dusty or damp.



CAUTION: Please use the foot stand when placing your PC in the upright position.

## Opening the package

Open the package carefully and keep all packing materials for later use.

Ensure that all items are present and in good condition. If any of the following items are missing or appear damaged, contact your dealer immediately:

- AcerSystem
- Mouse
- Keyboard
- Remote control for Microsoft® Windows® Media Center Edition



**Note:** Mouse, keyboard, wireless keyboard or remote control configuration may vary by selected models

- User's Guide and Starter poster

Other user documentation and third-party software.

## Connecting peripherals

After everything is connected, plug the power cord into the system and insert the other end into a power outlet.



**Note:** Don't connect the system power cord before connecting all peripherals to the system.

## Starting your computer

After connecting all the peripheral equipment, start your computer according to the steps below:

- 1 Turn on all peripheral equipment, such as the monitor, printer, fax, speakers, etc.
- 2 Turn on the system. Once the start up process is complete, you can begin to use your computer.

## Shutting down your computer

From the "Start" menu, select "Shut Down" and click OK.

In the event of a system crash, press and hold the power button on the front of the system for four seconds. After the system has shut down, turn off all peripheral devices.

## Setting up new components

You can only use components compatible with AcerSystem computers. Before you choose new components, please ask your authorized Acer dealer whether the part will operate within your AcerSystem.

In order to ensure proper setup and installation, please refer to the instructions provided with your new components.



## Frequently asked questions

The following questions are possible situations that may arise during the use of your computer and each is followed by easy answers and solutions to the situation.

**Q:** I pressed the power switch but the system did not boot up.

**A:** Check the LED located above the power switch.

If the LED is not lit, no power is being applied to the system. Do any of the following:

- Check if the voltage selector switch located on the rear panel of the computer is set to the correct voltage.
- Check if you plugged the power cable properly into an electrical outlet.
- If you are using a power strip or AVR, make sure that it is plugged in and turned on.

If the LED is lit, check the following:

- Is a non-bootable (non-system) diskette in the floppy drive? If yes, remove or replace it with a system diskette and press **Ctrl + Alt + Del** to restart your computer.
- The operating system files may be damaged or missing. Insert the start-up disk you created during Windows setup into the floppy drive and press **Ctrl + Alt + Del** to restart your computer. This will automatically diagnose your system and make necessary fixes. However, if the diagnostic utility still reports a problem, then you may have to perform the recovery process to restore your system to its original default factory settings.



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**Note:** For more information about recovering your system, refers to the RCD instruction sheet.

**Q:** Nothing appears on the screen.

**A:** Your computer's power management function automatically blanks the screen to save power. Just press any key to turn the display back on.

If pressing a key does not work, you can restart your computer. If restarting your computer does not work, contact your dealer or the technical support center for assistance.

**Q:** The printer does not work.

**A:** Do the following:

- Make sure that the printer is connected to a power outlet and that it is turned on.
- Make sure that the printer cable is connected securely to the system's parallel port and the corresponding port on the printer.
- For additional information concerning the printer, refer to the printer's documentation.

**Q:** No sound comes out from the computer.

**A:** Check the following:

- The volume may be muted. Look for the Volume icon on the taskbar. If it is crossed-out, click on the icon and deselect the **Mute** option. You can also press the volume control/mute knob on your USB keyboard to toggle from mute to sound on.
- If headphones, earphones, or external speakers are connected to the line-out jack of your computer, the internal or built-in speakers are automatically turned off.

**Q:** System cannot read diskette, hard disk, CD or DVD information.

**A:** Check the following:

- Make sure that you are using the correct type of disk.
- Make sure the CD or DVD is inserted into the drive correctly.
- Check if the CD or DVD is clean and not scratched.
- Check your drive by using a good (i.e., undamaged) disk. If your drive cannot read the information on the good disc there may be a problem with the drive. Contact your dealer or technical support center for assistance.

**Q:** System cannot write data on the hard disk or writeable/re-writeable disk.

**A:** Check the following:

- Make sure the diskette or hard disk is not write-protected.
- Make sure that you are using the correct type of disk or diskette.

# Taking care of your computer

Please read the important instructions listed in this section. Following these instructions will help you maximize the durability of your computer.

## Important tips

- Do not expose the computer to direct sunlight. Do not place it near sources of heat, such as a radiator.
- Do not expose the computer to temperatures below 0°C (32°F), or above 50°C (122°F).
- Do not subject the computer to magnetic fields.
- Do not expose the computer to rain or moisture.
- Do not spill liquid on the computer.
- Do not subject the computer to heavy shock or vibration.
- Do not expose the computer to dust and dirt.
- Never place the system on uneven surfaces.
- Do not step on the power cord or place heavy objects on top of it. Carefully route the power cord and any cables away from personal traffic.
- When unplugging the power cord, do not pull on the cord itself but pull on the plug.
- The total ampere rating of the equipment plugged in should not exceed the ampere rating of the cord if you are using an extension cord. Also, the total current rating of all equipment plugged into a single wall outlet should not exceed the fuse rating.

## Cleaning and servicing

### To clean your computer and keyboard

- 1 Turn off the computer and unplug the power cord.
- 2 Use a soft cloth moistened with water and gently wipe the exterior of the computer and the keyboard. Do not use liquid or aerosol cleaners.

### To clean your pointing device

To clean a regular mouse (with rubber ball)

- 1 Open the circular cover at the base of the mouse.
- 2 Take out the rubber ball and wipe it with a soft, damp cloth.

- 3 Put the ball back and replace the cover.

## To clean an optical mouse

For users of an optical mouse, refer to the documentation that came with your mouse for maintenance instructions.

## To clean your monitor

Make sure that you keep your screen clean. For cleaning instructions, refer to the documentation that came with your monitor.

## When to contact a service technician

- If you dropped and damaged the computer
- If liquid has been spilled into the computer
- If the computer is not operating normally
- If a computer problem persists even after you have checked and applied the troubleshooting tips discussed in the "Frequently asked questions" section on page 9
- If your problem is not listed in the "Frequently asked questions" section on page 9
- If you want to replace or upgrade any of your computer's internal components

## Asking for technical assistance

For technical assistance, contact your local dealer or distributor. You may also access the Web site (<http://global.acer.com/support/index.htm>) for information on how and where to contact the service centers available in your area.



# Regulations and safety notices

## FCC notice

This device has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and receiver.
- Connect the device into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

## Notice: Shielded cables

All connections to other computing devices must be made using shielded cables to maintain compliance with FCC regulations. In compliance with FCC regulations, use shielded cables to connect to other computing devices. A dual-link cable is recommended for DVI output.

## Notice: Peripheral devices

Only peripherals (input/output devices, terminals, printers, etc.) certified to comply with the Class B limits may be attached to this equipment. Operation with non-certified peripherals is likely to result in interference to radio and TV reception.

## Caution

Changes or modifications not expressly approved by the manufacturer could void the user's authority, which is granted by the Federal Communications Commission, to operate this computer.

## Operation conditions

This device 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.

## Notice: Canadian users

This Class B digital apparatus complies with Canadian ICES-003.

## Remarque à l'intention des utilisateurs canadiens

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

## Declaration of Conformity for EU countries

Hereby, Acer, declares that this PC series is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Compliant with Russian regulatory certification



**ME61**

## Notice for Australia

For safety reasons, only connect headsets with a telecommunications compliance label. This includes customer equipment previously labelled permitted or certified.

## Notice for New Zealand

- 1 The grant of a Telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with minimum conditions for connection to its network. It indicates no endorsement of the product by Telecom, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Telecom's network services.
- 2 This equipment is not capable, under all operating conditions, of correct operation at the higher speeds for which it is designed. Telecom will accept no responsibility should difficulties arise in such circumstances.
- 3 Some parameters required for compliance with Telecom's Telepermit requirements are dependent on the equipment (PC) associated with this device. The associated equipment shall be set to operate within the following limits for compliance with Telecom's Specifications:
  - a There shall be no more than 10 call attempts to the same number within any 30 minute period for any single manual call initiation, and
  - b The equipment shall go on-hook for a period of not less than 30 seconds between the end of one attempt and the beginning of the next call attempt.
- 4 Some parameters required for compliance with Telecom's Telepermit requirements are dependent on the equipment (PC) associated with this device. In order to operate within the limits for compliance with Telecom's specifications, the associated equipment shall be set to ensure that automatic calls to different numbers are spaced such that there is not less than 5 seconds between the end of one call attempt and the beginning of another.
- 5 This equipment shall not be set up to make automatic calls to Telecom's 111 Emergency Service.
- 6 This device is equipped with pulse dialing while the Telecom standard is DTMF tone dialing. There is no guarantee that Telecom lines will always continue to support pulse dialing.
- 7 Use of pulse dialing, when this equipment is connected to the same line as other equipment, may give rise to bell tinkle or noise and may also cause a false answer condition. Should such problems occur, the user should NOT contact the telecom Fault Service.
- 8 This equipment may not provide for the effective hand-over of a call to another device connected to the same line.
- 9 Under power failure conditions this appliance may not operate. Please ensure that a separate telephone, not dependent on local power, is available for emergency use.

## Laser compliance statement

The CD or DVD drive used with this computer is a laser product.  
The CD or DVD drive's classification label (shown below) is located on the drive.

CLASS 1 LASER PRODUCT

CAUTION: INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO BEAM.

## Digital audio output statement

The optical connector contains no laser or light emitting diode (LED) more than Class I.

## Radio device regulatory notice



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**Note:** Below regulatory information is for models with wireless LAN and/or Bluetooth only.

## General

This product complies with the radio frequency and safety standards of any country or region in which it has been approved for wireless use. Depending on configurations, this product may or may not contain wireless radio devices (such as wireless LAN and/or Bluetooth modules). Below information is for products with such devices.

## List of applicable countries

EU member states as of July 2009 are: Belgium, Denmark, Germany, Greece, Spain, France, Ireland, Italy, Luxembourg, the Netherlands, Austria, Portugal, Finland, Sweden, United Kingdom, Estonia, Latvia, Lithuania, Poland, Hungary, Czech Republic, Slovak Republic, Slovenia, Cyprus, Malta, Bulgaria and Romania. Usage allowed in the countries of the European Union, as well as Norway, Switzerland, Iceland and Liechtenstein. This device must be used in strict accordance with the regulations and constraints of the country of use. For further information, please contact the local office in the country of use.

## Federal Communications Commission

### Declaration of Conformity

This device 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.

The following local Manufacturer /Importer is responsible for this declaration:

Product: Personal Computer

Trade Name: Acer

Model Number: Aspire Z5600/Z5610,

SKU Number: Aspire Z5600/Z5610-xxx,

("x" = 0~9, a ~ z, A ~ Z or Blank)

Name of Responsible Party: Acer America Corporation

Address of Responsible Party: 333 West San Carlos St.

San Jose, CA 95110

U. S. A.

Contact Person: Acer Representative

Phone No.: 254-298-4000

Fax No.: 254-298-4147



## Declaration of Conformity

We,

Acer Incorporated

8F, 88, Sec. 1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan

Contact Person: Mr. Easy Lai, e-mail:easy\_lai@acer.com.tw

And,

Acer Europe SA

Via Cantonale, Centro Galleria 2 6928 Manno Switzerland

Hereby declare that:

Product: Personal Computer

Trade Name: Acer

Model Number: Aspire Z5600/Z5610

SKU Number: Aspire Z5600/Z5610-xxx("x" = 0~9, a ~ z, A ~ Z or Blank)

Is compliant with the essential requirements and other relevant provisions of the following EC directives, and that all the necessary steps have been taken and are in force to assure that production units of the same product will continue comply with the requirements.

EMC Directive 2004/108/EC as attested by conformity with the following harmonized standards:

- EN55022, AS/NZS CISPR22, Class B
- EN55024
- EN55013 (Applicable to product built with TV tuner module)
- EN55020 (Applicable to product built with TV tuner module)
- EN61000-3-2 Class D
- EN61000-3-3

Low Voltage Directive 2006/95/EC as attested by conformity with the following harmonized standard:

- EN60950-1
- EN60065 (Applicable to product built with TV tuner module)

Council Decision 98/482/EC (CTR21) for pan- European single terminal connection to the Public Switched Telephone Network (PSTN).

RoHS Directive 2002/95/EC on the Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment

- The maximum concentration values of the restricted substances by weight in homogenous material are:

Lead	0.1%	Polybrominated Biphenyls (PBB's)	0.1%
Mercury	0.1%	Polybrominated Diphenyl Ethers (PBDE's)	0.1%

Hexavalent Chromium	0.1%	Cadmium	0.01%
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The standards listed below are applied to the product if built with WLAN module or wireless keyboard and mouse.



R&TTE Directive 1999/5/EC as attested by conformity with the following harmonized standard:

Article 3.1(a) Health and Safety

- EN60950-1
- EN62311

Article 3.1(b) EMC

- EN301 489-1
- EN301 489-3 (Applicable to non-bluetooth wireless keyboard mouse set).
- EN301 489-17

Article 3.2 Spectrum Usages

- EN300 440-2 (Applicable to non-bluetooth wireless keyboard mouse set).
- EN300 328
- EN301 893 (Applicable to 5GHz high performance WLAN).

Year to begin affixing CE marking 2009.

*Easy Lai*

Easy Lai, Manager  
Regulation Center, Acer Inc.

Jul.9. 2009

Date

**Remark:** All images are for reference purposes only.  
Actual configuration may vary.

