Aspire 5910G Series

User's Guide

Aspire 5910G Series User's Guide
Original Issue: 05/2007

Changes may be made periodically to the information in this publication without obligation to notify any person of such revisions or changes. Such changes will be incorporated in new editions of this manual or supplementary documents and publications. This company makes no representations or warranties, either expressed or implied, with respect to the contents hereof and specifically disclaims the implied warranties of merchantability or fitness for a particular purpose.

Record the model number, serial number, purchase date and place of purchase information in the space provided below. The serial number and model number are recorded on the label affixed to your computer. All correspondence concerning your unit should include the serial number, model number and purchase information.

Aspire 5910G Series Notebook PC

Model number: _____

Serial number: _____

Date of purchase: _____

Place of purchase: _____

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.

CAUTION for Dummy Card of PCMCIA & Express Slot

Your computer shipped with plastic dummies installed in the PCMCIA & Express slot. Dummies protect unused slots from dust, metal object, or other particles. Save the dummy for use when no PCMCIA or Express Card is installed in the slot.

CAUTION for Listening

To protect your hearing, follow these instructions.

- Increase the volume gradually until you can hear clearly and comfortably.
- Do not increase the volume level after your ears have adjusted.
- Do not listen to music at high volumes for extended periods.
- Do not increase the volume to block out noisy surroundings.
- Decrease the volume if you can't hear people speaking near you.

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.

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 AC adapter 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 AC adapter plug. Do not insert the plug into a non-grounded power outlet. Contact your electrician for details.

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.

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, type SPT-2, rated 7 A 125 V minimum, 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.

Guidelines for safe battery usage

This notebook uses a Lithium-ion battery. Do not use it in a humid, wet or corrosive environment. Do not put, store or leave your product in or near a heat source, in a high temperature location, in strong direct sunlight, in a microwave oven or in a pressurized container, and do not expose it to temperatures over 60°C (140°F). Failure to follow these guidelines may cause the battery to leak acid, become hot, explode or ignite and cause injury and/or damage. Do not pierce, open or disassemble the battery. If the battery leaks and you come into contact with the leaked fluids, rinse thoroughly with water and seek medical attention immediately. For safety reasons, and to prolong the lifetime of the battery, charging will not occur at temperatures below 0°C (32°F) or above 40°C (104°F).

The full performance of a new battery is achieved only after two or three complete charge and discharge cycles. The battery can be charged and

discharged hundreds of times, but it will eventually wear out. When the operation time becomes noticeably shorter than normal, buy a new battery. Use only Acer approved batteries, and recharge your battery only with Acer approved chargers designated for this device.

Use the battery only for its intended purpose. Never use any charger or battery that is damaged. Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object such as a coin, clip or pen causes direct connection of the positive (+) and negative (-) terminals of the battery. (These look like metal strips on the battery.) This might happen, for example, when you carry a spare battery in your pocket or purse. Short-circuiting the terminals may damage the battery or the connecting object.

The capacity and lifetime of the battery will be reduced if the battery is left in hot or cold places, such as in a closed car in summer or winter. Always try to keep the battery between 15°C and 25°C (59°F and 77°F). A device with a hot or cold battery may not work temporarily, even when the battery is fully charged. Battery performance is especially limited in temperatures well below freezing.

Do not dispose of batteries in a fire as they may explode. Batteries may also explode if damaged. Dispose of batteries according to local regulations. Please recycle when possible. Do not dispose as household waste.

Wireless devices may be susceptible to interference from the battery, which could affect performance.

Potentially explosive environments

Switch off your device in any area with a potentially explosive atmosphere and obey all signs and instructions. Potentially explosive atmospheres include areas where you would normally be advised to turn off your vehicle engine. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the notebook near gas pumps at service stations. Observe restrictions on the use of radio equipment in fuel depots, storage and distribution areas; chemical plants; or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), and areas where the air contains chemicals or particles such as grain, dust or metal powders. Do not switch the notebook on when wireless phone use is prohibited or when it may cause interference or danger.

Replacing the battery pack

The notebook uses lithium batteries. Replace the battery with the same type as that which came bundled with your product. Use of another battery may present a risk of fire or explosion.

Warning! Batteries may explode if not handled properly. Do not disassemble or dispose of them in fire. Keep them away from children. Follow local regulations when disposing of used batteries.

Telephone line safety

- Disconnect all telephone lines from the equipment when not in use and/or before servicing.
- To avoid the remote risk of electric shock from lightning, do not connect the telephone line to this equipment during lightning or thunderstorms.

> **Warning! For safety reasons, do not use non-compliant parts when adding or changing components. Consult your reseller for purchase options.**

Additional safety information

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

Operating environment

> **Warning! For safety reasons, turn off all wireless or radio transmitting devices when using your laptop under the following conditions. These devices may include, but are not limited to: wireless lan (WLAN), Bluetooth and/or 3G.**

Remember to follow any special regulations in force in any area, and always switch off your device when its use is prohibited or when it may cause interference or danger. Use the device only in its normal operating positions. This device meets RF exposure guidelines when used normally, and it and its antenna are positioned at least 1.5 centimeters (5/8 inches) away from your body (refer to the figure below). It should not contain metal and you should position the device the above-stated distance from your body. To successfully transmit data files or messages, this device requires a good quality connection to the network. In some cases, transmission of data files or messages may be delayed until such a connection is available. Ensure that the above separation distance instructions are followed until the transmission is completed. Parts of the device are magnetic. Metallic materials may be attracted to the device, and persons with hearing aids should not hold the device to the ear with the hearing aid. Do not place credit cards or other magnetic storage media near the device, because information stored on them may be erased.

Medical devices

Operation of any radio transmitting equipment, including wireless phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy or if you have any questions. Switch off your device in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF transmissions..

Pacemakers. Pacemaker manufacturers recommend that a minimum separation of 15.3 centimeters (6 inches) be maintained between wireless devices and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers should do the following:

- Always keep the device more than 15.3 centimeters (6 inches) from the pacemaker

- Not carry the device near your pacemaker when the device is switched o. If you suspect interference, switch off your device, and move it.

Hearing aids. Some digital wireless devices may interfere with some hearing aids. If interference occurs, consult your service provider.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles such as electronic fuel injection systems, electronic antiskid (antilock) braking systems, electronic speed control systems, and air bag systems. For more information, check with the manufacturer, or its representative, of your vehicle or any equipment that has been added. Only qualified personnel should service the device, or install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty that may apply to the device. Check regularly that all wireless equipment in your vehicle is mounted and operating properly. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or enhancements. For vehicles equipped with an air bag, remember that air bags inflate with great force. Do not place objects, including installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed, and the air bag inflates, serious injury could result. Using your device while flying in aircraft is prohibited. Switch off your device before boarding an aircraft. The use of wireless teledevices in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network, and may be illegal.

Potentially explosive environments

Switch off your device when in any area with a potentially explosive atmosphere and obey all signs and instructions. Potentially explosive atmospheres include areas where you would normally be advised to turn off your vehicle engine. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the device at refueling points such as near gas pumps at service stations. Observe restrictions on the use of radio equipment in fuel depots, storage, and distribution areas; chemical plants; or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), and areas where the air contains chemicals or particles such as grain, dust or metal powders.

Emergency calls

Warning: You cannot make emergency calls through this device. To make an emergency call you shall dial out through your mobile phone or other telephone call system.

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://global.acer.com/about/sustainability.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. For lamp-specific disposal information, check www.lamprecycle.org.

ENERGY STAR is a government program (public/private partnership) that gives people the power to protect the environment in a cost effective way and without sacrificing quality or product features. Products that earn the ENERGY STAR prevent greenhouse gas emissions by meeting strict energy efficiency guidelines set by the US Environmental Protection Agency (EPA) and the US Department of Energy (DOE). In the average home, 75% of all electricity used to power home electronics is consumed while the products are turned off. ENERGY STAR qualified home electronic products in the off position use up to 50% less energy than conventional equipment. More information refers to http://www.energystar.gov and http://www.energystar.gov/powermangement.

As an ENERGY STAR partner, Acer Inc. has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

This product has been shipped enabled for power management:

- Activate display' Sleep mode within 15 minutes of user inactivity.
- Activate computer's Sleep mode within 30 minutes of user inactivity.
- Wake the computer from Sleep mode by pushing power button.
- More power management settings can be done through Acer ePower Management.

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.

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.

Note: For more information, please refer to **"**Regulations and safety notices" on page 67 in the **AcerSystem User's Guide**.

First things first

We would like to thank you for making an Acer notebook your choice for meeting your mobile computing needs.

Your guides

To help you use your Acer notebook, we have designed a set of guides:

First off, the **Just for Starters...** poster helps you get started with setting up your computer.

The printed **User's Guide** introduces you to the basic features and functions of your new computer. For more on how your computer can help you to be more productive, please refer to the **AcerSystem User's Guide.** This guide contains detailed information on such subjects as system utilities, data recovery, expansion options and troubleshooting. In addition it contains warranty information and the general regulations and safety notices for your notebook. It is available in Portable Document Format (PDF) and comes preloaded on your notebook. Follow these steps to access it:

1 Click on **Start**, **All Programs**, **AcerSystem**.

2 Click on **AcerSystem User's Guide**.

Note: Viewing the file requires Adobe Reader. If Adobe Reader is not installed on your computer, clicking on **AcerSystem User's Guide** will run the Adobe Reader setup program first. Follow the instructions on the screen to complete the installation. For instructions on how to use Adobe Reader, access the **Help and Support** menu.

Basic care and tips for using your computer

Turning your computer on and off

To turn on the computer, simply press and release the power button below the LCD screen beside the easy-launch buttons. See for the location of the power button.

To turn the power off, do any of the following:

- Use the Windows shutdown command Click on **Start** ▶ then click on **Shut Down**.
- Use the power button

  You can also put the computer in sleep mode by pressing the sleep hotkey **<Fn> + <F4>**.

  •

  Note: If you cannot power off the computer normally, press and hold the power button for more than four seconds to shut down the computer. If you turn off the computer and want to turn it on again, wait at least two seconds before powering up.

Taking care of your computer

Your computer will serve you well if you take care of it.

- 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 water or any liquid on the computer.
- Do not subject the computer to heavy shock or vibration.
- Do not expose the computer to dust or dirt.
- Never place objects on top of the computer.
- Do not slam the computer display when you close it.
- Never place the computer on uneven surfaces.

Taking care of your AC adapter

Here are some ways to take care of your AC adapter:

- Do not connect the adapter to any other device.
- 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 foot traffic.
- When unplugging the power cord, do not pull on the cord itself but pull on the plug.
- The total ampere ratings 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.

Taking care of your battery pack

Here are some ways to take care of your battery pack:

- Use only batteries of the same kind as replacements. Turn the power off before removing or replacing batteries.

- Do not tamper with batteries. Keep them away from children.

- Dispose of used batteries according to local regulations. Recycle if possible.

Cleaning and servicing

When cleaning the computer, follow these steps:

1   Turn off the computer and remove the battery pack.

2   Disconnect the AC adapter.

3   Use a soft, moist cloth. Do not use liquid or aerosol cleaners.

If either of the following occurs:

- the computer has been dropped or the body has been damaged;

- the computer does not operate normally

please refer to **"Frequently asked questions" on page 40**.

Contents

Acer Empowering Technology

The Empowering Technology toolbar makes it easy for you to access frequently used functions and manage your new Acer system. Displayed by default in the upper half of your screen, it provides access to the following utilities:

> **Note:** All of the following content is for general reference only. Actual product specifications may vary.

- **Acer eNet Management** hooks up to location-based networks intelligently.
- **Acer ePower Management** optimizes battery usage via customizable power plans.
- **Acer eAudio Management** allows you to easily control the enhanced sound effects of Dolby® Home Theater™ on your system.
- **Acer ePresentation Management** connects to a projector and adjusts display settings.
- **Acer eDataSecurity Management** protects data with passwords and encryption.
- **Acer eLock Management** limits access to external storage media.
- **Acer eRecovery Management** backs up and recovers data flexibly, reliably and completely.
- **Acer eSettings Management** accesses system information and adjusts settings easily.

For more information, right click on the Empowering Technology toolbar, then select the **"Help"** or **"Tutorial"** function.

Empowering Technology password

Before using Acer eLock Management and Acer eRecovery Management, you must initialize the Empowering Technology password. Right-click on the Empowering Technology toolbar and select **"Password Setup"** to do so. If you have not initialized the Empowering Technology password and run Acer eLock Management or Acer eRecovery Management, you will be asked to create it.

> **Note:** If you lose the Empowering Technology password, there is no way to reset it except by reformatting your system. Make sure to remember or write down your password!

Acer eNet Management ⊕

Acer eNet Management helps you quickly connect to both wired and wireless networks in a variety of locations. To access this utility, select **"Acer eNet Management"** from the Empowering Technology toolbar or run the program from the Acer Empowering Technology program group in Start menu. You can also set Acer eNet Management to start automatically when you boot up your PC.

Acer eNet Management automatically detects the best settings for a new location, while offering you the option to manually adjust the settings to match your needs.
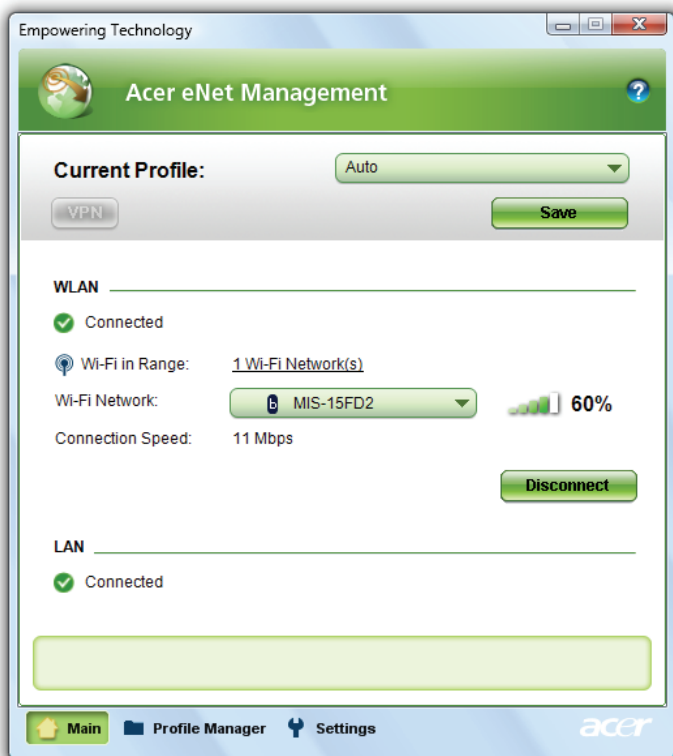
Acer eNet Management can save network settings for a location to a profile, and automatically switch to the appropriate profile when you move from one location to another. Settings stored include network connection settings (IP and DNS settings, wireless AP details, etc.), as well as default printer settings. Security and safety concerns mean that Acer eNet Management does not store username and password information.
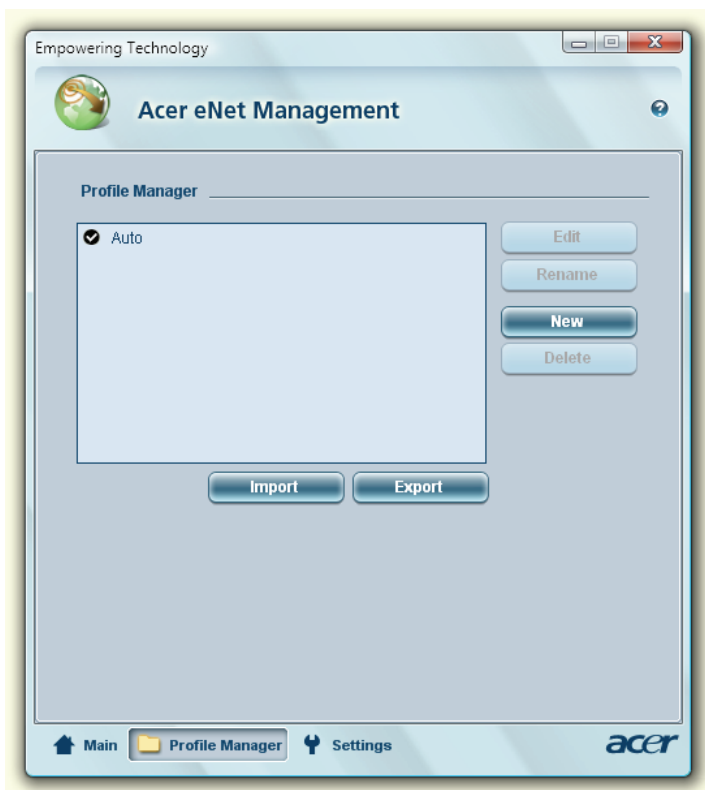
Acer ePower Management

Acer ePower Management features a straightforward user interface for configuring your power management options. To access this utility, select **"Acer ePower Management"** from the Empowering Technology toolbar, run the program from the Acer Empowering Technology program group in Start menu, or right-click the Windows power icon in the system tray and select **"Acer ePower Management"**.

Using power plans

Acer ePower Management comes with three predefined power plans: Balanced, High performance and Power saver. You can also create customized power plans. You can create, switch between, edit, delete and restore power plans, as described below.

View and adjust settings for On Battery and Plugged In modes by clicking the appropriate tabs. You can open Windows power options by clicking **"More Power Options"**.

Note: You cannot delete the predefined power plans.

To create a new power plan:

Creating customized power plans allows you to save and quickly switch to a personalized set of power options.

1   Click the Create Power Plan icon.

2   Enter a name for your new power plan.

3   Choose a predefined power plan to base your customized plan on.

4   If necessary, change the display and sleep settings you want your computer to use.

5   Click **"OK"** to save your new power plan.

To switch between power plans:

1   Select the power plan you wish to switch to from the drop-down list.

2   Click **"Apply"**.

To edit a power plan:

Editing a power plan allows you to adjust system settings like LCD brightness and CPU speed. You can also turn on/off system components to extend battery life.

1   Switch to the power plan you wish to edit

2   Adjust settings as required.

3   Click **"Apply"** to save your new settings.

To delete a power plan:

You cannot delete the power plan you are currently using. If you want to delete the active power plan, switch to another one first.

1   Select the power plan you wish to delete from the drop-down list.
2   Click the Delete Power Plan icon.

Battery status

For real-time battery life estimates based on current usage, refer to the panel in the upper half of the window. Click the to view estimated battery life in sleep and hibernate modes.

Acer eAudio Management 🔊

Acer eAudio Management allows you to easily control the enhanced sound effects of Dolby® Home Theater™ on your system. Select "**Movie**" or "**Game**" mode to experience the awesome realism of 5.1-channel surround sound from just 2 speakers, via Dolby Virtual Speaker technology. "**Music**" mode lets you enjoy your favorite tunes, in vivid detail..

Acer ePresentation Management

Acer ePresentation Management lets you project your computer's display to an external display device or projector using the hotkey: **<Fn> + <F5>**. If auto-detection hardware is implemented in the system and the external display supports it, your system display will be automatically switched out when an external display is connected to the system. For projectors and external devices that are not auto-detected, launch Acer ePresentation Management to choose an appropriate display setting.

Empowering Technology

Acer ePresentation Management

Please select a mode

Notebook LCD only

Projection: XGA (1024 x 768 pixels)

Projection: Normal (800 x 600 pixels)

Main
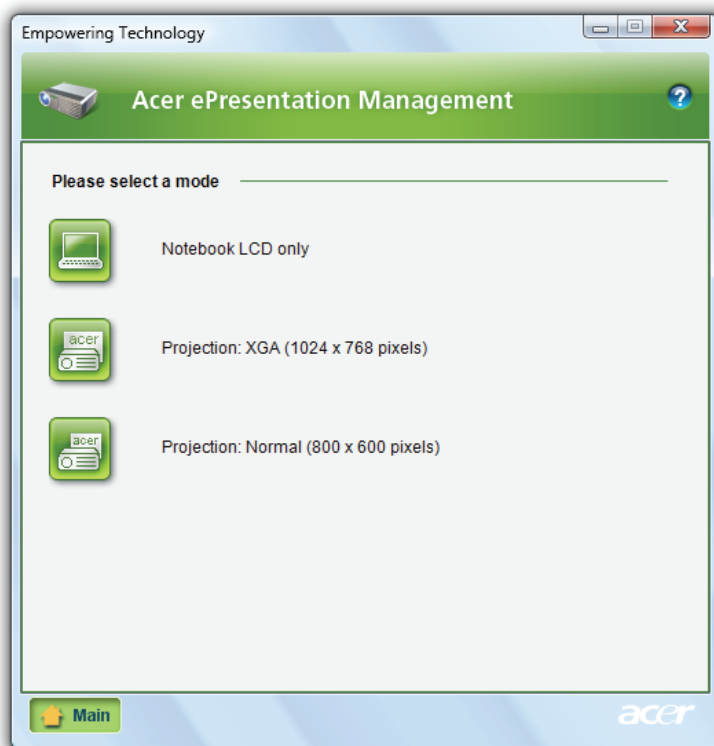
Note: If the restored resolution is not correct after disconnecting a projector, or you need to use an external resolution that is not supported by Acer ePresentation Management, adjust your display settings using Display Properties or the utility provided by the graphics vendor.

Acer eDataSecurity Management 🔳

Acer eDataSecurity Management is an encryption utility that protects your files from being accessed by unauthorized persons. It is conveniently integrated with Windows Explorer as a shell extension for quick data encryption/decryption and also supports on-the-fly file encryption for Lotus Notes and Microsoft Outlook.

The Acer eDataSecurity Management setup wizard will prompt you for a supervisor password and default encryption password. This password will be used to encrypt files by default, or you can choose to enter your own password when encrypting a file.

Note: The password used to encrypt a file is the unique key that the system needs to decrypt it. If you lose the password, the supervisor password is the only other key capable of decrypting the file. If you lose both passwords, there will be no way to decrypt your encrypted file! **Be sure to safeguard all related passwords!**
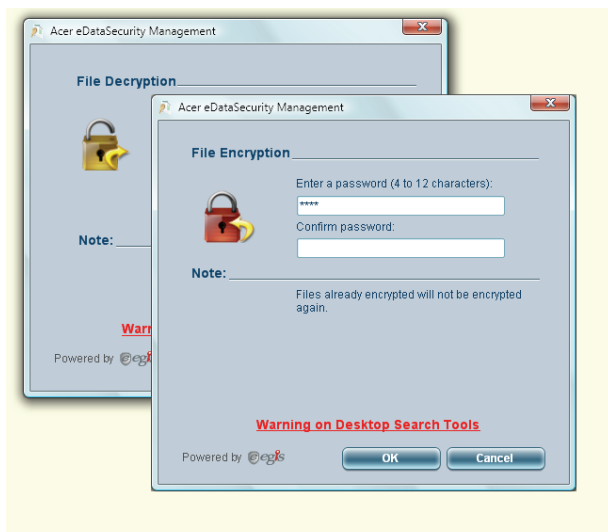
Acer eLock Management

Acer eLock Management is simple yet effective utility that allows you to lock removable storage, optical and floppy drive devices to ensure that data can't be stolen while your system is unattended.

- Removable Storage Devices — includes USB disk drives, USB pen drives, USB flash drives, USB MP3 drives, USB memory card readers, IEEE 1394 disk drives, and any other removable storage devices that can be mounted as a file system when plugged into the system.

- Optical Drive Devices — includes any kind of CD-ROM, DVD-ROM, HD-DVD or Blu-ray drive devices.

- Floppy Drive Devices — 3.5-inch floppy drives only.

To use Acer eLock Management, the Empowering Technology password must be set first. Once set, you can apply locks to any of the devices types. Lock(s) will immediately be set without any reboot necessary, and will remain after rebooting, until removed.

Note: If you lose the Empowering Technology password, there is no method to reset it except by reformatting your system. Make sure to remember or write down your password.
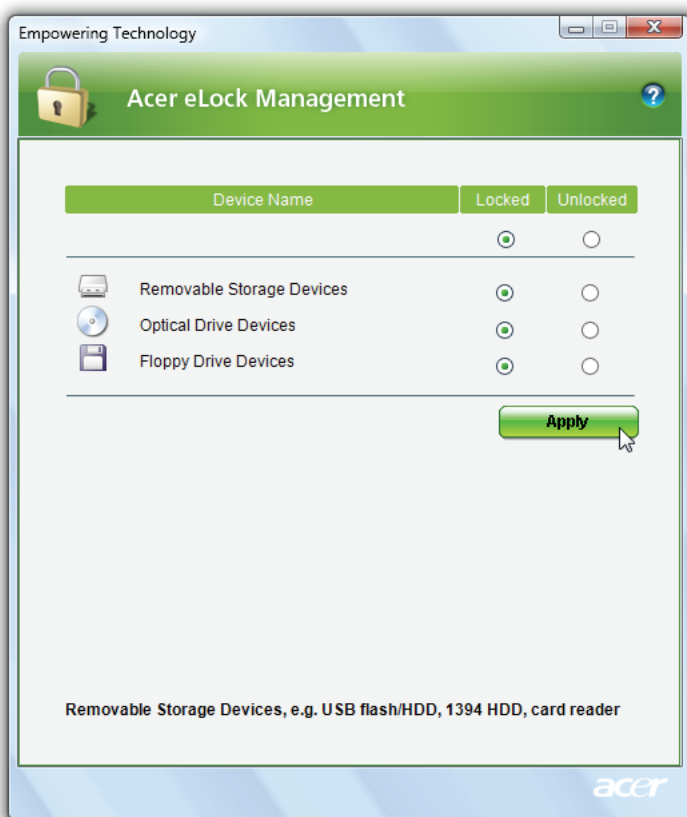
Acer eRecovery Management

Acer eRecovery Management is a versatile backup utility. It allows you to create full or incremental backups, burn the factory default image to optical disc, and restore from previously created backups or reinstall applications and drivers. By default, user-created backups are stored to the D:\ drive.

Acer eRecovery Management provides you with:

- Password protection (Empowering Technology password)

- Full and incremental backups to hard disk or optical disc

- Creation of backups:

    - Factory default image

    - User backup image

    - Current system configuration

    - Application backup

- Restore and recovery:

    - Factory default image

    - User backup image

    - From previously-created CD/DVD

    - Reinstall applications/drivers

For more information, please refer to **"Acer eRecovery Management" on page 75** in the **AcerSystem User's Guide**.

> **Note:** If your computer did not come with a Recovery CD or System CD, please use Acer eRecovery Management's "System backup to optical disc" feature to burn a backup image to CD or DVD. To ensure the best results when recovering your system using a CD or Acer eRecovery Management, detach all peripherals (except the external Acer ODD, if your computer has one), including your Acer ezDock.

Acer eSettings Management ⚙

Acer eSettings Management allows you to inspect hardware specifications, set BIOS passwords and modify boot options.

Acer eSettings Management also:

- Provides a simple graphical user interface for navigation.

- Prints and saves hardware specifications.

- Lets you set an asset tag for your system.

Windows Mobility Center
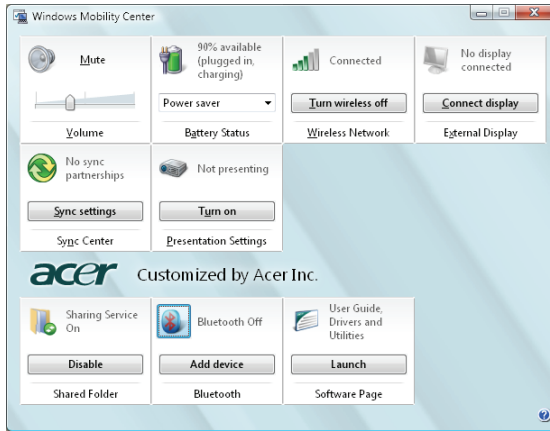
The Windows Mobility Center collects key mobile-related system settings in one easy-to-find place, so you can quickly configure your Acer system to fit the situation as you change locations, networks or activities. Settings include display brightness, power plan, volume, wireless networking on/off, external display settings, display orientation and synchronization status.

Windows Mobility Center also includes Acer-specific settings like Bluetooth Add Device (if applicable), sharing folders overview/sharing service on or off, and a shortcut to the Acer user guide, drivers and utilities.

To launch Windows Mobility Center:

- Use the shortcut key < ( ) > + <X>

- Start Windows Mobility Center from the Control panel

- Start Windows Mobility Center from the Accessories program group in the Start menu

Your Acer notebook tour

After setting up your computer as illustrated in the **Just for Starters...** poster, let us show you around your new Acer notebook.

Front view
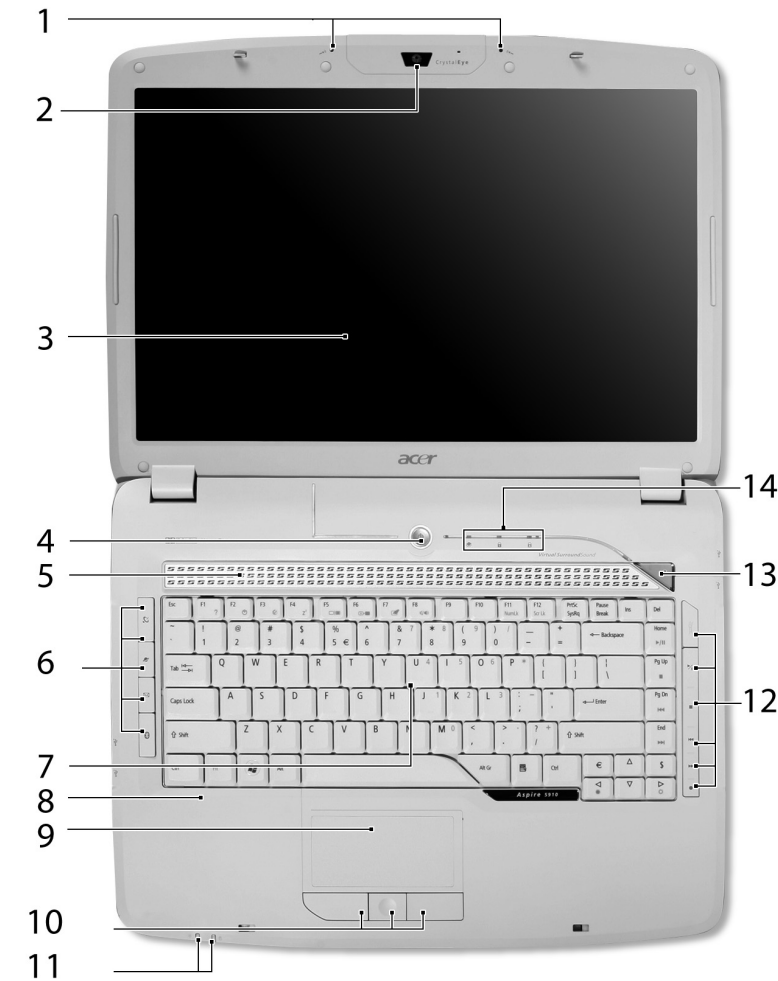
#	ICON	Item	Description
1		Acer PureZone	Internal microphones for sound recording.
2		Acer Crystal Eye	Web camera for video communication.

#	ICON	Item	Description
3		Display screen	Also called Liquid-Crystal Display (LCD), displays computer output.
4		Power button	Turns the computer on and off.
5		Speakers	Left and right speakers deliver stereo audio output.
6		Easy-launch buttons	Buttons for launching frequently used programs. See **"Easy-launch buttons" on page 26** for more details.
7		Keyboard	For entering data into your computer.
8		Palmrest	Comfortable support area for your hands when you use the computer.
9		Touchpad	Touch-sensitive pointing device which functions like a computer mouse.
10		Click buttons (left, center and right)	The left and right buttons function like the left and right mouse buttons; the center button serves as a 4-way scroll button.
11		Status indicators	Light-Emitting Diodes (LEDs) that light up to show the status of the computer's functions and components. See **"Indicators" on page 25** for more details.
12		Media buttons	For use with Acer Arcade and other media playing programs.
13	*e*	Empowering key	Lanuch Acer Empowering Technology
14		Status indicators	Light-Emitting Diodes (LEDs) that light up to show the status of the computer's functions and components. See **"Indicators" on page 25** for more details.

Closed front view
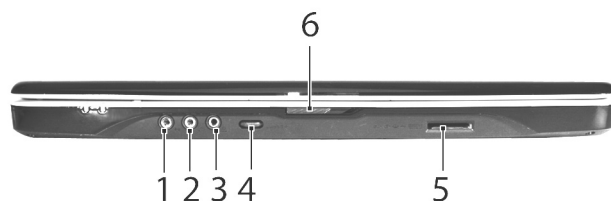
#	Icon	Item	Description
1		Line-in jack	Accepts audio line-in devices (e.g., audio CD player, stereo walkman).
2		Microphone-in jack	Accepts input from external microphones.
3		Headphones/speaker/ line-out jack with S/PDIF support	Connects to audio line-out devices (e.g., speakers, headphones).
4		Unlimited volume control wheel	Adjust the volume of the audio-out.
5		5-in-1 card reader	Accepts Secure Digital (SD), MultiMediaCard (MMC), Memory Stick (MS), Memory Stick PRO (MS PRO), xD-Picture Card (xD).
6		Latch	Locks and releases the lid.

Left view

#	Icon	Item	Description
1		Kensington lock slot	Connects to a Kensington-compatible computer security lock.
2		Ethernet (RJ-45) port	Connects to an Ethernet 10/100/1000-based network (for selected models).
3	DVI-D	DVI-D port	Connects to a display device with DVI-D input.
4		External display (VGA) port	Connects to a display device (e.g., external monitor, LCD projector).
5		S-video/TV-out (NTSC/PAL) port	Connects to a television or display device with S-video input.
6		2 USB 2.0 ports	Connect to USB 2.0 devices (e.g., USB mouse, USB camera).
7	1394	4-pin IEEE 1394 port	Connects to IEEE 1394 devices.
8	ExpressCard / 54	ExpressCard/54 slot	Accepts one ExpressCard/54 module.

Right view

#		Item	Description
1		Optical drive	Internal optical drive; accepts CDs or DVDs (slot-load or tray-load depending on model).
2		Optical disk access indicator	Lights up when the optical drive is active.
3		Optical drive eject button	Ejects the optical disk from the drive.
4		Emergency eject hole	Ejects the optical drive tray when the computer is turned off.
5		2 USB 2.0 ports	Connect to USB 2.0 devices (e.g., USB mouse, USB camera).
6		Modem (RJ-11) port	Connects to a phone line.

Rear view

#	Icon	Item	Description
1		DC-in jack	Connects to an AC adapter.
2		Ventilation slots	Enable the computer to stay cool, even after prolonged use.

Base view
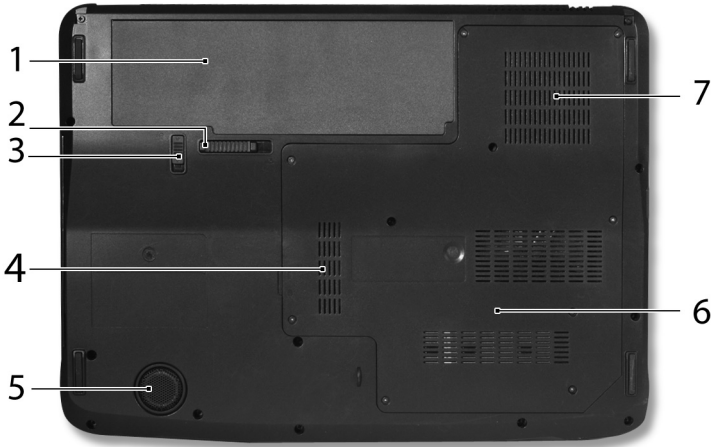
#	Icon	Item	Description
1		Battery bay	Houses the computer's battery pack.
2		Battery release latch	Releases the battery for removal.
3		Battery lock	Locks the battery in position.
4		Memory compartment	Houses the computer's main memory.
5		Sub woofer	Emits low frequency sound output.
6		Hard disk bay	Houses the computer's hard disk (secured with screws).
7		Ventilation slots and cooling fan	Enable the computer to stay cool, even after prolonged use. **Note**: Do not cover or obstruct the opening of the fan.

Specifications

Operating system	• Windows Vista™ Ultimate
	• Windows Vista™ Home Premium
	• Windows Vista™ Home Basic
Platform	• Intel® Centrino® Duo mobile processor technology, featuring:
	• Intel® Core™2 Duo Mobile Processor T7200/T7400/T7600 (4 MB L2 cache, 2/2.16/2.33 GHz, 667 MHz FSB), T5500/T5600 (2 MB L2 cache, 1.66/1.83 GHz, 667 MHz FSB), or higher, supporting Intel® 64 architecture
	• Mobile Intel® PM945 Express Chipset
	• Intel® PRO/Wireless 3945ABG (dual-band tri-mode 802.11a/b/g), or 3945BG (dual-mode 802.11b/g) Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ wireless technology
System memory	Up to 2 GB of DDR2 667 MHz memory, upgradeable to 4 GB using two soDIMM modules (dual-channel support)
Display	15.4" WXGA high-brightness (220-nits) Acer CrystalBrite™ TFT LCD, 1280 x 800 pixel resolution, supporting simultaneous multi-window viewing via Acer GridVista™ 8 ms response time
Graphics	• ATI Mobility™ Radeon® HD 2300 with up to 896/1023 MB of HyperMemory™ (128/256 MB of dedicated GDDR2 VRAM, up to 768 MB of shared system memory) supporting Microsoft® DirectX® 9 and PCI Express® (for selected models)
	• Dual independent display support
	• 16.7 million colors
	• MPEG-2/DVD hardware-assisted capability (full decode)
	• WMV9 (VC-1) and H.264 (AVC) support (full decode)
	• S-video/TV-out (NTSC/PAL) support
	• DVI-D (true digital video interface) with HDCP (High-bandwidth Digital Content Protection) support
	• Acer Arcade™ featuring Acer CinemaVision™ and Acer ClearVision™ technologies

Storage subsystem	•	80/120/160 GB (or larger) Serial ATA hard disk drives
	•	Optical drive options:
		• DVD-Super Multi double-layer drive
		• DVD/CD-RW combo drive
	•	5-in-1 card reader, supporting Secure Digital (SD), MultiMediaCard (MMC), Memory Stick® (MS), Memory Stick PRO™ (MS PRO), xD-Picture Card™ (xD)
Audio	•	Dolby®-certified surround sound system with two built-in stereo speakers and one subwoofer supporting low-frequency effects
	•	Dolby® Home Theater audio enhancement featuring Dolby® Digital, Dolby® Digital Live, Dolby® PRO LOGIC® II, Dolby® Digital Stereo Creator, Dolby® Headphone and Dolby® Virtual Speaker technologies
	•	Intel® High Definition Audio support
	•	S/PDIF (Sony/Philips Digital Interface) support for digital speakers
	•	MS-Sound compatible
	•	Acer PureZone technology with two built-in stereo microphones featuring beam forming, echo cancellation, and noise suppression technologies
Communication		Acer Video Conference, featuring:
		• Integrated Acer Crystal Eye webcam, supporting Acer PrimaLite™ technology
		• Acer PureZone technology
		• Optional Acer Xpress VoIP phone
	•	WLAN: Intel® PRO/Wireless 3945ABG (dual-band tri-mode 802.11a/b/g), or 3945BG (dual-mode 802.11b/g) Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ wireless technology
	•	WPAN: Bluetooth® 2.0+EDR (Enhanced Data Rate)
	•	LAN: Gigabit Ethernet; Wake-on-LAN ready
	•	Modem: 56K ITU V.92 with PTT approval; Wake-on-Ring ready
Dimensions and weight	•	366.3 (W) x 273.9 (D) x 30.03/45.35 (H) mm (14.4 x 10.7 x 1.2/1.7 inches)
	•	3.2 kg (7 lbs.) with 8-cell battery

Power subsystem	• ACPI 3.0 CPU power management standard: supports Standby and Hibernation power-saving modes
	• 71 W 4800 mAh Li-ion battery pack (8-cell)
	• 44 W 4000 mAh Li-ion battery pack (6-cell)
	• Acer QuicCharge™ technology:
	• 80% charge in 1 hour
	• 2-hour rapid charge system-off
	• 3-hour charge-in-use
	• 3-pin 90 W AC adapter
Special keys and controls	• 88-/89-/93-key keyboard, with inverted "T" cursor layout; 2.5 mm (minimum) key travel
	• Seamless touchpad pointing device with 4-way scroll button
	• 12 function keys, four cursor keys, two Windows® keys, hotkey controls, embedded numeric keypad, international language support, independent US and Euro dollar sign keys
	• Empowering Key
	• Easy-launch buttons: WLAN, Internet, email, Bluetooth, Acer Arcade™
	• Acer MediaTouch keys: play/pause, stop, previous, next and record keys
I/O interface	• ExpressCard™/54 slot
	• 5-in-1 card reader (SD/MMC/MS/MS PRO/xD)
	• Four USB 2.0 ports
	• DVI-D port with HDCP support
	• IEEE 1394 port
	• Consumer infrared (CIR) port
	• External display (VGA) port
	• S-video/TV-out (NTSC/PAL) port
	• Headphones/speaker/line-out port with S/PDIF support
	• Microphone-in jack
	• Line-in jack
	• Ethernet (RJ-45) port
	• Modem (RJ-11) port
	• DC-in jack for AC adapter

Options and accessories	• Acer Xpress VoIP phone featuring Acer Video Conference Manager
	• 512 MB, 1 or 2GB DDR2 667 MHz soDIMM modules
	• 8-cell Li-ion battery pack
	• 3-pin 90 W AC adapter
	• External USB floppy disk drive
Software	• Acer Empowering Technology (Acer eNet, ePower, eAudio , ePresentation, eDataSecurity, eLock, eRecovery, eSettings Management)
	• Acer Arcade™
	• Acer Arcade Deluxe™ featuring DV Wizard, VideoMagician and DVDivine
	• Acer Crystal Eye
	• Acer GridVista™
	• Acer Launch Manager
	• Acer PureZone
	• Acer Video Conference Manager
	• Adobe® Reader®
	• CyberLink® PowerProducer®
	• Norton Internet Security™
	• NTI CD-Maker™
	• Microsoft Works 8.5 with Office Home and Student 2007 Trial
	Note: Software listed above is for reference only. The exact configuration of your PC depends on the model purchased.
Environment	• Temperature:
	• Operating: 5 °C to 35 °C
	• Non-operating: -20 °C to 65 °C
	• Humidity (non-condensing):
	• Operating: 20% to 80%
	• Non-operating: 20% to 80%
System compliance	• Wi-Fi®
	• ACPI
	• Mobile PC 2002
	• DMI 2.0
Warranty	One-year International Travelers Warranty (ITW)

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

Indicators

The computer has serveral easy-to-read status indicators.

The front panel indicators are visible even when the computer cover is closed up.

Icon	Function	Description
	Power	Indicates the computer's power status.
	Battery	Indicates the computer's batttery status.
	HDD	Indicates when the hard disk drive is active.
	Num Lock	Lights up when Num Lock is activated.
	Caps Lock	Lights up when Caps Lock is activated.

1. Charging: The light shows amber when the battery is charging.
2. Fully charged: The light shows green when in AC mode.

Easy-launch buttons

Located beside the keyboard are application buttons. These buttons are called easy-launch buttons. They are: Empowering Key, WLAN, Internet, email, Bluetooth, and Acer Arcade.

Press *e* to run the Acer Empowering Technology. Please see **"Acer Empowering Technology" on page 1**. The mail and Web browser buttons are pre-set to email and Internet programs, but can be reset by users. To set the Web browser, mail and programmable buttons, run the Acer Launch Manager. See **"Launch Manager" on page 38**.

| Icon	Function	Description
e	Empowering Technology	Launch Acer Empowering Technology. (user-programmable)
	Wireless communication button/indicator	Enables/disables the wireless function. Indicates the status of wireless LAN communication.
	Web browser	Internet browser (user-Programmable)
	Mail	Email application (user-Programmable)
	Bluetooth communication button/indicator	Enables/disables the Bluetooth function. Indicates the status of Bluetooth communication.
	Acer Arcade	Launch Acer Arcade utility

Touchpad

The built-in seamless touchpad is a pointing device that senses movement on its surface. This means the cursor responds as you move your finger across the surface of the touchpad. The central location on the palmrest provides optimum comfort and support.

Touchpad basics

The following items show you how to use the touchpad:

1   2   3   4
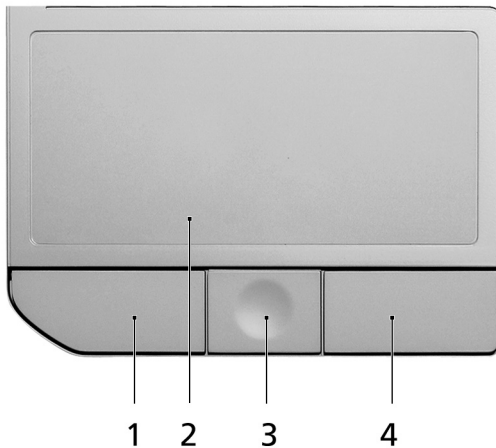
- Move your finger across the touchpad **(2)** to move the cursor.

- Press the left **(1)** and right **(4)** buttons located beneath the touchpad to perform selection and execution functions. These two buttons are similar to the left and right buttons on a mouse. Tapping on the touchpad is the same as clicking the left button.

- Use the 4-way scroll **(3)** button to scroll up or down and move left or right a page. This button mimics your cursor pressing on the right scroll bar of Windows applications.

Function	Left button (1)	Right button (4)	Main touchpad (2)	Center button (3)
Execute	Quickly click twice.		Tap twice (at the same speed as double-clicking a mouse button).	
Select	Click once.		Tap once.	
Drag	Click and hold, then use finger on the touchpad to drag the cursor.		Tap twice (at the same speed as double-clicking a mouse button); rest your finger on the touchpad on the second tap and drag the cursor.	
Access context menu		Click once.		
Scroll				Click and hold to move up/down/left/right.

Note: When using the touchpad, keep it — and your fingers — dry and clean. The touchpad is sensitive to finger movement; hence, the lighter the touch, the better the response. Tapping harder will not increase the touchpad's responsiveness.

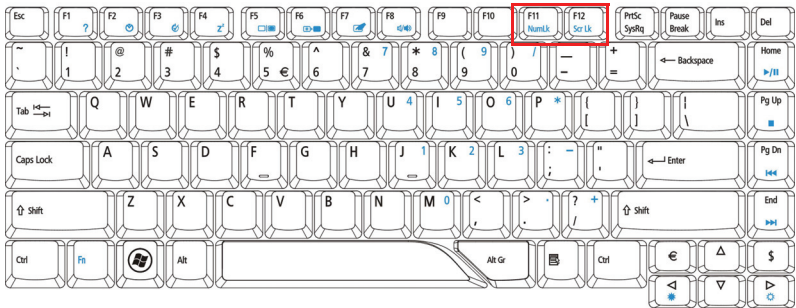**Note:** By default, vertical and horizontal scrolling is enabled on your touchpad. It can be disabled under Mouse settings in Windows Control Panel.

Using the keyboard

The keyboard has full-sized keys and an embedded numeric keypad, separate cursor, lock, Windows, function and special keys.

Lock keys and embedded numeric keypad

The keyboard has three lock keys which you can toggle on and off.

Lock key	Description
Caps Lock	When Caps Lock is on, all alphabetic characters typed are in uppercase.
Num Lock **<Fn> + <F11>**	When Num Lock is on, the embedded keypad is in numeric mode. The keys function as a calculator (complete with the arithmetic operators +, -, *, and /). Use this mode when you need to do a lot of numeric data entry. A better solution would be to connect an external keypad.
Scroll Lock **<Fn> + <F12>**	When Scroll Lock is on, the screen moves one line up or down when you press the up or down arrow keys respectively. Scroll Lock does not work with some applications.

The embedded numeric keypad functions like a desktop numeric keypad. It is indicated by small characters located on the upper right corner of the keycaps. To simplify the keyboard legend, cursor-control key symbols are not printed on the keys.

Desired access	Num Lock on	Num Lock off
Number keys on embedded keypad	Type numbers in a normal manner.	
Cursor-control keys on embedded keypad	Hold **<Shift>** while using cursor-control keys.	Hold **<Fn>** while using cursor-control keys.
Main keyboard keys	Hold **<Fn>** while typing letters on embedded keypad.	Type the letters in a normal manner.

Windows keys

The keyboard has two keys that perform Windows-specific functions.

Key	Description
Windows key	Pressed alone, this key has the same effect as clicking on the Windows Start button; it launches the Start menu. It can also be used with other keys to provide a variety of functions:
	< (⊞) > : Open or close the Start menu
	< (⊞) > + <D>: Display the desktop
	< (⊞) > + <E>: Open Windows Explore
	< (⊞) > + <F>: Search for a file or folder
	< (⊞) > + <G>: Cycle through Sidebar gadgets
	< (⊞) > + <L>: Lock your computer (if you are connected to a network domain), or switch users (if you're not connected to a network domain)
	< (⊞) > + <M>: Minimizes all windows
	< (⊞) > + <R>: Open the Run dialog box
	< (⊞) > + <T>: Cycle through programs on the taskbar
	< (⊞) > + <U>: Open Ease of Access Center
	< (⊞) > + <X>: Open Windows Mobility Center
	< (⊞) > + <BREAK>: Display the System Properties dialog box
	< (⊞) > + <SHIFT+M>: Restore minimized windows to the desktop
	< (⊞) > + <TAB>: Cycle through programs on the taskbar by using Windows Flip 3-D
	< (⊞) > + <SPACEBAR>: Bring all gadgets to the front and select Windows Sidebar
	<CTRL> + < (⊞) > + <F>: Search for computers (if you are on a network)
	<CTRL> + < (⊞) > + <TAB>: Use the arrow keys to cycle through programs on the taskbar by using Windows Flip 3-D
	Note: Depending on your edition of Windows Vista, some shortcuts may not function as described.
Application key	This key has the same effect as clicking the right mouse button; it opens the application's context menu.

English

Hotkeys

The computer employs hotkeys or key combinations to access most of the computer's controls like screen brightness, volume output and the BIOS utility.

To activate hotkeys, press and hold the **<Fn>** key before pressing the other key in the hotkey combination.
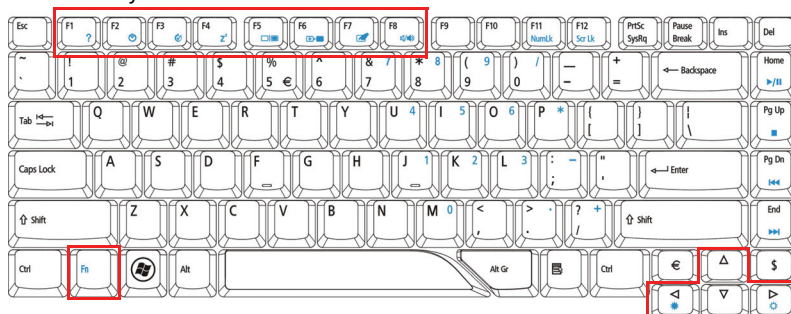
Hotkey	Icon	Function	Description
<Fn> + <F1>	?	Hotkey help	Displays help on hotkeys.
<Fn> + <F2>		Acer eSettings	Launches Acer eSettings in Acer Empowering Technology. See **"Acer Empowering Technology" on page 1**.
<Fn> + <F3>		Acer ePower Management	Launches Acer ePower Management in Acer Empowering Technology. See **"Acer Empowering Technology" on page 1**.
<Fn> + <F4>	z^z	Sleep	Puts the computer in Sleep mode.
<Fn> + <F5>	□|▣	Display toggle	Switches display output between the display screen, external monitor (if connected) and both.
<Fn> + <F6>		Screen blank	Turns the display screen backlight off to save power. Press any key to return.
<Fn> + <F7>		Touchpad toggle	Turns the internal touchpad on and off.
<Fn> + <F8>		Speaker toggle	Turns the speakers on and off.
<Fn> + <→>		Brightness up	Increases the screen brightness.
<Fn> + <←>		Brightness down	Decreases the screen brightness.

Special keys

You can locate the Euro symbol and the US dollar sign at the upper-center and/or bottom-right of your keyboard.
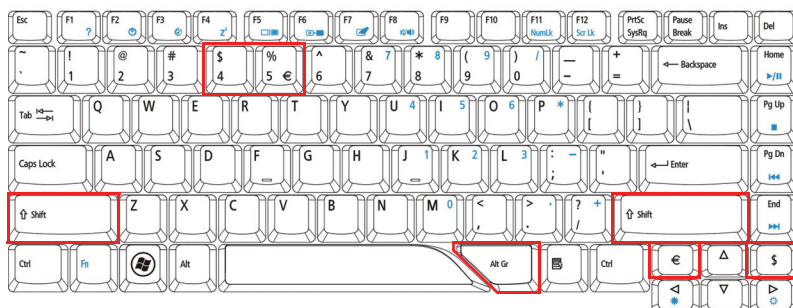
The Euro symbol

1   Open a text editor or word processor.

2   Either press < € > at the bottom-right of the keyboard, or hold **<Alt Gr>** and then press the **<5>** key at the upper-center of the keyboard.

> **Note**: Some fonts and software do not support the Euro symbol. Please refer to **www.microsoft.com/typography/faq/faq12.htm** for more information.

The US dollar sign

1   Open a text editor or word processor.

2   Either press < $ > at the bottom-right of the keyboard, or hold **<Shift>** and then press the **<4>** key at the upper-center of the keyboard.

> **Note:** This function varies according to the language settings.

Ejecting the optical (CD or DVD) drive tray

Press the drive eject button to eject the optical drive tray when the computer is on.

Insert a paper clip to the emergency eject hole to eject the optical drive tray when the computer is off.

Using a computer security lock

The notebook comes with a Kensington-compatible security slot for a security lock.

Wrap the computer security lock cable around an immovable object such as a table or handle of a locked drawer. Insert the lock into the notch and turn the key to secure the lock. Some keyless models are also available.

Audio

The computer comes with 32-bit Intel High-Definition audio, and Dolby®
certified surround sound system with two built-in stereo speakers and one
subwoofer supporting low-frequency effects enhancement.

Adjusting the volume

Adjusting the volume on the computer is as easy as scrolling unlimited volume
control wheel on the front panel.

Using Dolby Home Theater for surround/multi-channel sound

Your Acer notebook comes with the Dolby® Home Theater audio enhancement featuring Dolby® PRO LOGIC II, Dolby® Digital Live, Dolby® Headphone, Dolby® Virtual Speaker technologies to give you high-quality digital surround sound for enjoying movies, games and music in a realistic, multi-channel audio environment.

Dolby Pro Logic II

Dolby Pro Logic II transforms any stereo signal into five-channel, full-range surround sound.

Dolby Digital Live

Found in PC and console-based video game applications, Dolby Digital Live converts any stereo or multichannel audio signal to a Dolby Digital format for a dramatic, real-time audio experience and simple (one plug) connection to an A/V receiver for playback.

Dolby Headphone

Dolby Headphone offers realistic surround sound from any pair of headphones. It's perfect for late night listening.

Dolby Virtual Speaker

Surround yourself with sound, not speakers. Dolby Virtual Speaker delivers a 5.1-channel surround sound listening experience from just two speakers.

Set playback as digital output

To set up surround sound, select the **Playback Devices** by right-clicking the **Volume Mixer** icon in the sysetm tray of your Windows system.

The Playback Devices dialog box will pop up. There are three tabs: **Playback**, **Recording** and **Sounds**. Click the **Playback** tab, and then select **Realtek Digital Output** and click **Set Default** to set the digital output.
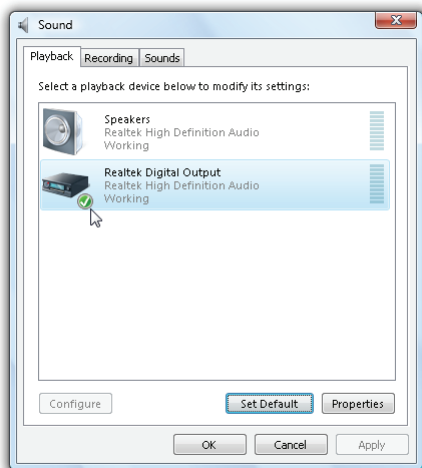
For enjoying movies, games and music in a realistic, multi-channel audio environment, please see **"Acer eAudio Management" on page 6**.

Using the system utilities

Acer GridVista (dual-display compatible)

Note: This feature is only available on certain models.

To enable the dual display feature of your notebook, first ensure that a second display is connected, then, open the Display Settings properties box using the Control Panel or by right-clicking the Windows desktop and selecting **Personalize**. Select the secondary monitor **(2)** icon in the display box and then click the check box **Extend the desktop onto this monitor**. Finally, click **Apply** to confirm the new settings and click **OK** to complete the process.
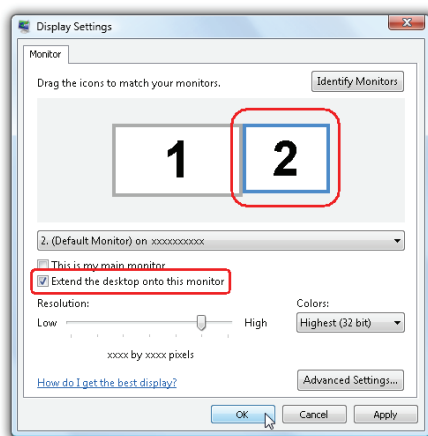
Acer GridVista is a handy utility that offers four pre-defined display settings so you can view multiple windows on the same screen. To access this function, please go to **Start**, **All Programs** and click on **Acer GridVista**. You may choose any one of the four display settings indicated below:
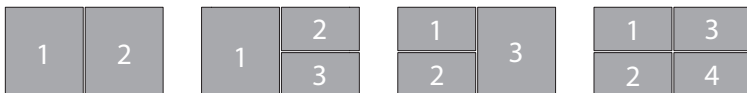
Double (vertical), Triple (primary at left), Triple (primary at right), or Quad

Acer Gridvista is dual-display compatible, allowing two displays to be partitioned independently.
Acer GridVista is simple to set up:

1   Run Acer GridVista and select your preferred screen configuration for each
     display from the taskbar.
2   Drag and drop each window into the appropriate grid.
3   Enjoy the convenience of a well-organized desktop.
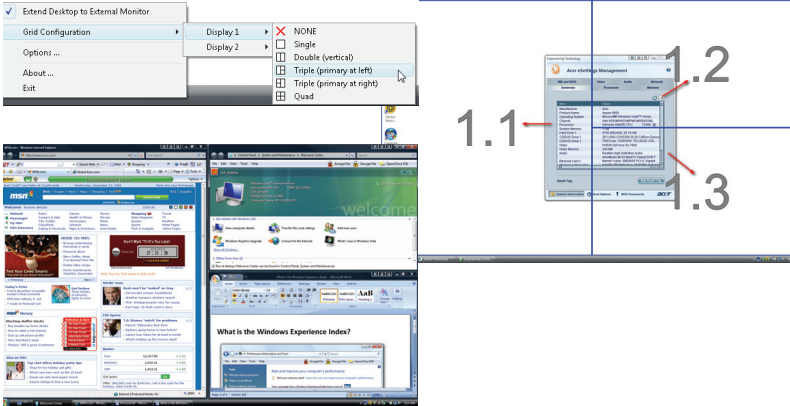
Note: Please ensure that the resolution setting of your second
monitor is set to the manufacturer's recommended value.

Launch Manager
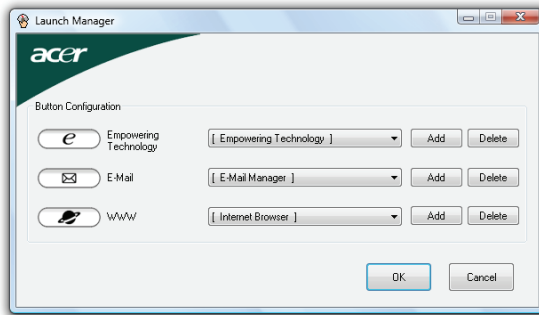
Launch Manager allows you to set the four easy-launch buttons located above
the keyboard. **"Easy-launch buttons" on page 26** for the location of the easy-
launch buttons.

You can access the Launch Manager by clicking on **Start**, **All Programs**, and then
Launch Manager to start the application.

Norton Internet Security

Norton Internet Security is an anti-virus utility that can protect against viruses, keeping your data safe and secure.

How do I check for viruses?

1   Double-click the **Norton Internet Security** icon on the Windows desktop.

2   Select **Tasks & Scans.**

3   Select **Run Scan** to scan your system.

4   When the scan is complete, review the results of the scan.

Note: For optimal security, run a Full System Scan when scanning your computer for the first time.

You can schedule customized virus scans that run unattended on specific dates and times or at periodic intervals. If you are using the computer when the scheduled scan begins, it runs in the background so that you do not have to stop working.

For more information refer to the Norton Internet Security help files.

Frequently asked questions

The following is a list of possible situations that may arise during the use of your computer. Easy solutions are provided for each one.

I turned on the power, but the computer does not start or boot up.

Look at the power indicator:

- If it is not lit, no power is being supplied to the computer. Check the following:

    - If you are using on the battery, it may be low and unable to power the computer. Connect the AC adapter to recharge the battery pack.

    - Make sure that the AC adapter is properly plugged into the computer and to the power outlet.

- If it is lit, check the following:

    - Is a non-bootable (non-system) disk in the external USB floppy drive? Remove or replace it with a system disk and press **<Ctrl> + <Alt> + <Del>** to restart the system.

Nothing appears on the screen.

The computer's power management system automatically blanks the screen to save power. Press any key to turn the display back on.

If pressing a key does not turn the display back on, three things might be the cause:

- The brightness level might be too low. Press **<Fn> + <→>** (increase) to adjust the brightness level.

- The display device might be set to an external monitor. Press the display toggle hotkey **<Fn> + <F5>** to toggle the display back to the computer.

- If the Sleep indicator is lit, the computer is in Sleep mode. Press and release the power button to resume.

No audio is heard from the computer.

Check the following:

- The volume may be muted. In Windows, look at the volume control (speaker) icon on the taskbar. If it is crossed-out, click on the icon and deselect the **Mute all** option.

- The volume level may be too low. In Windows, look at the volume control icon on the taskbar. You can also use the unlimited volume control wheel or volume control buttons to adjust the volume. See **"Closed front view"**

on page 17 or **"Hotkeys" on page 31** for more detail.

- If headphones, earphones or external speakers are connected to the line-out port on the computer, the internal speakers automatically turn off.

I want to eject the optical drive tray without turning on the power.

There is a mechanical eject hole on the optical drive. Simply insert the tip of a pen or paperclip into the hole and push to eject the tray. (If your computer's optical drive is a slot-load model, it will not have an eject hole.)

The keyboard does not respond.

Try attaching an external keyboard to a USB port on the computer. If it works, contact your dealer or an authorized service center as the internal keyboard cable may be loose.

The printer does not work.

Check 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 computer's parallel port or a USB port and the corresponding port on the printer.

I want to set up my location to use the internal modem.

To properly use your communication software, you need to set up your location:

1   Click on **Start**, **Control Panel**.

2   Double-click on **Phone and Modem Options**.

3   Begin setting up your location.

Refer to the Windows manual.

Note: Please note, on first booting your notebook, that you can skip the Internet Connection setup, as it is not necessary to complete the installation of your Operating System. After the Operating System is set up, you can proceed with the Internet Connection setup.

I want to restore my computer to its original settings without recovery CDs.

Note: If your system is the multilingual version, the operating system and language you choose when you first turn on the system will be the only option for future recovery operations.

This recovery process helps you restore the C: drive with the original software content that is installed when you purchase your notebook. Follow the steps below to rebuild your C: drive. (Your C: drive will be reformatted and all data will be erased.) It is important to back up all data files before using this option.

Before performing a restore operation, please check the BIOS settings.

1   Check to see if **Acer disk-to-disk recovery** is enabled or not.

2   Make sure the **D2D Recovery** setting in **Main** is **Enabled**.

3   Exit the BIOS utility and save changes. The system will reboot.

Note: To activate the BIOS utility, press **<F2>** during POST.

To start the recovery process:

1   Restart the system.

2   While the Acer logo is showing, press **<Alt> + <F10>** at the same time to enter the recovery process.

3   Refer to the onscreen instructions to perform system recovery.

Important! This feature occupies 10 GB in a hidden partition on your hard disk.

Requesting service

International Travelers Warranty (ITW)

Your computer is backed by an International Travelers Warranty (ITW) that gives you security and peace of mind when traveling. Our worldwide network of service centers are there to give you a helping hand.

An ITW passport comes with your computer. This passport contains all you need to know about the ITW program. A list of available, authorized service centers is in this handy booklet. Read this passport thoroughly.

Always have your ITW passport on hand, especially when you travel, to receive the benefits from our support centers. Place your proof-of-purchase in the flap located inside the front cover of the ITW passport.

If the country you are traveling in does not have an Acer-authorized ITW service site, you can still get in contact with our offices worldwide. Please consult **http://global.acer.com**.

Before you call

Please have the following information available when you call Acer for online service, and please be at your computer when you call. With your support, we can reduce the amount of time a call takes and help solve your problems efficiently. If there are error messages or beeps reported by your computer, write them down as they appear on the screen (or the number and sequence in the case of beeps).

You are required to provide the following information:
Name: _____
Address: _____
Telephone number: _____
Machine and model type: _____
Serial number: _____
Date of purchase: _____