Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for ACER ASPIRE V7-582PG-54208G25TII. You'll find the answers to all your questions on the ACER ASPIRE V7-582PG-54208G25TII in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

> **User manual ACER ASPIRE V7-582PG-54208G25TII**
> **User guide ACER ASPIRE V7-582PG-54208G25TII**
> **Operating instructions ACER ASPIRE V7-582PG-54208G25TII**
> **Instructions for use ACER ASPIRE V7-582PG-54208G25TII**
> **Instruction manual ACER ASPIRE V7-582PG-54208G25TII**

Aspire V7-581P / V7-582P / V5-573P / V5-572P / V5-552P
User's Manual

Manual abstract:

@@@@For more information please visit the AcerCloud website: www.acer.com/acercloud Model number: Serial number: Date of purchase: Place of purchase:

4 - Table of contents S AFETY 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. WARNINGS Accessing the power cord 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.

Disconnecting the power source 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. 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. Safety and comfort - 5 - 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.

- The system can be powered using a wide range of voltages; 100 to 120 or 220 to 240 V AC. The power cord included with the system meets the requirements for use in the country/region where the system was purchased. Power cords for use in other countries/regions must meet the requirements for that country/region. For more information on power cord requirements, contact an authorized reseller or service provider. Protecting your hearing - Warning! Permanent hearing loss may occur if earphones or headphones are used at high volume for prolonged periods of time. 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. 6 - Safety and comfort - Do not increase the volume to block out noisy surroundings.

- Decrease the volume if you can't hear people speaking near you. Bundled dummy cards - Note: Information in this section may not apply to your computer. Your computer shipped with plastic dummies installed in the card slots. Dummies protect unused slots from dust, metal objects or other particles. Save the dummies for use when no cards are in the slots.

General - 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. - The bottom surface, areas around ventilation openings and AC adapter may get hot. To avoid injury, ensure they do not come in contact with your skin or body. - Your device and its enhancements may contain small parts. Keep them out of the reach of small children.

Safety and comfort - 7 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 computer uses a Lithium-ion or Lithium-polymer 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 mayker. 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 on. 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 provideduce cooling loads in warmer climates.

- automatically go into "display Sleep" and "computer Sleep" mode after 10 and 30 minutes of inactivity, respectively. - wake from "Sleep" mode if the keyboard is pressed or mouse is moved. - save more than 80% energy when in "Sleep" mode. ENERGY STAR and the ENERGY STAR mark are registered U.S. marks. 12 - Safety and comfort 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. Safety and comfort - 13 - 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 for extended periods of time. 14 - Safety and comfort Developing good work habits The following work habits make 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 102. Safety and comfort - 15 F IRST THINGS F I R S T 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 Setup Guide helps you get started with setting up your computer.

The Quick 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 User's Manual. This guide contains detailed information on such subjects as system utilities, data recovery, expansion options and troubleshooting. In addition it contains general regulations and safety notices for your notebook. It is available from Desktop; double-click the Help icon and click User's Manual in the menu that opens.

Basic care and tips for using your computer Turning your computer on and off To turn the power off, do any of the following: • Use the Windows shutdown command: Press the Windows key + <C>, click Settings > Power then click Shut Down. 16 - First things first If you need to power down the computer for a short while, but don't want to completely shut it down, you can put it into Hibernate by pressing 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 0º C (32º F) or above 50º C (122º 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. First things first - 17 • 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. Cleaning and servicing When cleaning the computer, follow these steps: 1. Turn off the computer. 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 89. 18 - First things first Y OU R A CER N OT E B O OK TOUR After setting up your computer as illustrated in the Setup Guide, let us show you around your new Acer computer. Aspire V7-581P / V7-582P / V5-573P / V5-572P / V5-552P Your Acer notebook tour - 19 Screen view 1 2 3 # 1 2 Icon Item Webcam Touchscreen Description Web camera for video communication. A light next to the webcam indicates that the webcam is active. Displays computer output, supports multi-touch input.

20 - Your Acer notebook tour # Icon Item 3 Microphones Description Internal stereo microphones for sound recording. Note: Only the V7-582P has dual microphones, other models have a single microphone beneath the touchpad. Your Acer notebook tour - 21 Keyboard view 1 2 3 # Icon Item Power indicator 1 Battery indicator Description Indicates the computer's power status. Indicates battery status. Charging: The light is amber when the battery is charging. Fully charged: The light is blue. 22 - Your Acer notebook tour # Icon Item 2 Keyboard 3 Touchpad Description For entering data into your computer. See "Using the keyboard" on page 29. Caution: Do not use a keyboard protector or similar cover as the keyboard includes ventilation intakes for cooling. Touch-sensitive pointing device. The touchpad and selection buttons form a single surface. Press down firmly on the touchpad surface to perform a left click. Press down firmly on the lower right corner to perform a right click. Left view 1 2 # 1 2 Icon Item USB port Power button Description Connects to USB devices. Turns the computer on and off.

Your Acer notebook tour - 23 Right view 1 # 1 Icon Item Headset/speaker jack 2 3 2 SD card reader Description Connects to audio devices (e.g., speakers, headphones) or a headset with microphone. Accepts one Secure Digital card (SD or SDHC). Note: To remove the card, simply pull it from the slot. Warning: The card sticks out from the side of the computer. Ensure you don't damage your card. Connects to USB devices. 3 USB port 24 - Your Acer notebook tour Rear view 1 2 34 5 # 1 Icon Item Ventilation and cooling fan Ethernet (RJ-45) port 6 7 Description Allows the computer to stay cool. Do not cover or obstruct the openings. Connects to an Ethernet 10/100/ 1000-based network. Note: Pull the lip down to open the port fully. 2 3 USB port with Connects to USB devices. power-off charging Your Acer notebook tour - 25 # Icon Item 4 Acer Converter Port 5 HDMI port Kensington lock slot 6 Description Connects to the Acer Converter cable, allowing for easy connection to a LAN, an external display or an additional USB device. Note: There are different cables available. Please check with your retailer to see which are compatible with your computer. Supports high-definition digital video connections. Connects to a Kensingtoncompatible computer 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.

Keyless models are also available. Connects to an AC adapter. 7 DC-in jack Information on USB 3.0 • USB 3.0 compatible ports are blue. • Compatible with USB 3.0 and earlier devices. 26 - Your Acer notebook tour • For optimal performance, use USB 3.0-certified devices. • Defined by the USB 3.

0 specification (SuperSpeed USB). Base view 1 2 3 # 1 Icon Item Ventilation and cooling fan Description Allows the computer to stay cool. Do not cover or obstruct the openings. Your Acer notebook tour - 27 # 2 3 Icon Item Battery reset pinhole Speakers Description Insert a paperclip into the hole and press for four seconds to reset the computer (simulates removing and reinstalling the battery). Deliver stereo audio output. 28 - Your Acer notebook tour U SING TH E KEYBOARD The keyboard has full-sized keys and a numeric keypad, separate cursor, lock, Windows, function and special keys.

Lock keys and embedded numeric keypad Note: Information in this section may not apply to your computer. The keyboard has three lock keys which you can toggle on and off. Description When Caps Lock is on, all alphabetic characters typed Caps Lock are in uppercase. When Num Lock is on, the keypad is in numeric mode.

*The keys function as a calculator (complete with the Num Lock arithmetic operators +, -, *, and /). Use this mode when you need to do a lot of numeric data entry. When Scroll Lock is on, the screen moves one line up or Scroll Lock down when you press the up or down arrow keys <Fn> + <F12> respectively. Scroll Lock does not work with some applications. Lock key Hotkeys The computer employs hotkeys or key combinations to access most of the computer's controls like screen brightness and volume output.*

Using the keyboard - 29 To activate hotkeys, press and hold the <Fn> key before pressing the other key in the hotkey combination. Hotkey <Fn> + <F3> Icon Function Description Turns on / off the computer's network devices. Airplane mode (Network devices vary by configuration.) Puts the computer in Sleep Sleep mode. Switches display output between the display screen, Display toggle external monitor (if connected) and both.

Turns the display screen Display off backlight off to save power. Press any key to return. Turns the built-in touchpad on Touchpad toggle and off. Speaker toggle Keyboard backlight Turns the speakers on and off. Turns the keyboard backlight on and off. Note: This feature is only available on certain models. <Fn> + <F4> <Fn> + <F5> <Fn> + <F6> <Fn> + <F7> <Fn> + <F8> <Fn> + <F9> 30 - Using the keyboard Hotkey <Fn> + < > <Fn> + < > <Fn> + < > <Fn> + < > <Fn> + <Home> <Fn> + <Pg Up> <Fn> + <Pg Dn> <Fn> + <End> Icon Description Increases the screen Brightness up brightness. Decreases the screen Brightness down brightness. Volume up Volume down Play/Pause Stop Previous Next Increases the sound volume. Decreases the sound volume.

Play or pause a selected media file. Stop playing the selected media file. Return to the previous media file. Jump to the next media file. Function Windows keys The keyboard has two keys that perform Windows-specific functions. Key Description Pressed alone it returns to the Start screen. Windows key It can also be used with other keys for special functions, please check Windows Help. Using the keyboard - 31 Key Application key Description This key has the same effect as clicking the right mouse button; it opens the application's context menu. 32 - Using the keyboard T OUCHPAD Touchpad basics The touchpad controls the arrow (or 'cursor') on the screen. As you slide your finger across the touchpad, the cursor will follow this movement.

Note: The touchpad is sensitive to finger movement; the lighter the touch, the better the response. Please keep the touchpad and your fingers dry and clean. The cursor is controlled by some basic gestures: • Single-finger slide: Slide a finger across the touchpad to move the cursor. • Single-finger press or tap: Press the touchpad down, or lightly tap the touchpad with your finger, to perform a 'click', which will select or start an item. Quickly repeat the tap to perform a double tap or 'double click'.

• Single-finger press in the bottom-right corner: Press the bottom right corner of the touchpad to perform a 'right click'. In the Start screen, this will toggle the app commands, in most apps this will open a context menu related to the selected item. Touchpad - 33 • Drag: Press and hold the bottom left corner of the touchpad, or tap twice anywhere on the touchtap, then slide a second finger across the touchpad to select all items in an area. Touchpad gestures Windows 8 and many applications support touchpad gestures that use one or more fingers. Note: Support for touchpad gestures depends on the active application. This allows you to control applications with a few simple gestures, such as: • Swipe in from edge: Access Windows tools by swiping into the center of the touchpad from the right, top or left. • Swipe in from right edge: Toggle the charms. • Swipe in from top edge: Toggle the app commands. • Swipe in from left edge: Switch to the previous app. • Two-finger slide: Swiftly scroll through web pages, documents and playlists by placing two fingers on the touchpad and moving both in any direction. • Two-finger pinch: Zoom in and out of photos, maps and documents with a simple finger-and-thumb gesture. 34 - Touchpad R ECOVERY If you are having trouble with your computer, and the frequently asked questions (see page 89) do not help, you can 'recover' your computer - i.e. return it to an earlier state. This section describes the recovery tools available on your computer.

Acer provides Acer Recovery Management, which allows you to create a recovery backup, a drivers and applications backup, and to start recovery options, either using Windows tools, or the recovery backup. Note: Acer Recovery Management is only available with a preinstalled Windows operating system. Important: We recommend that you create a Recovery Backup and Drivers and Applications Backup and as soon as possible. In certain situations a full recovery will require a USB recovery backup. Creating a recovery backup To reinstall from a USB storage drive, you must first create a recovery backup. The recovery backup includes the entire original contents of your computer's hard drive, including Windows and all factory-loaded software and drivers. Using this backup will restore your computer to the same state as when you purchased it, while giving you an option to retain all settings and personal data. Recovery - 35 Note: Since the recovery backup requires at least 16 GB of storage after formatting, it is recommended to use a USB drive with a capacity of 32 GB or larger. 1. From Start, type 'Recovery' and then click Acer Recovery Management in the list of apps.

2. Click Create Factory Default Backup. The Recovery Drive window 36 - Recovery opens. Make sure Copy contents from the recovery partition to the recovery drive is selected. This provides the most complete and safest recovery backup.

3. Plug in the USB drive then click Next. Recovery - 37 • Since the recovery backup requires at least 16 GB of storage after formatting, it is recommended to use a USB drive with a capacity of 32 GB or larger. 4. You will be shown the backup progress on the screen.

5. Follow the process until it completes. 6. After creating the recovery backup, you can choose to delete the recovery information on your computer. If you delete this information, you can only use the USB recovery backup to restore your computer, if you lose or erase the USB drive, you cannot restore your computer.

38 - Recovery 7. Unplug the USB drive and label it clearly. Important: Write a unique, descriptive label on the backup, such as 'Windows Recovery Backup'. Make sure you keep the backup in a safe place that you will remember. Creating a drivers and applications backup To create a Drivers and Applications Backup, that contains the factoryloaded software and drivers needed by your computer, you may use either Recovery - 39 a USB storage drive or, if your computer features a DVD recorder, one or more blank recordable DVDs.

1. From Start, type 'Recovery' Management in the list of apps. and then click Acer Recovery 2. Click Create Drivers and Applications Backup. Plug in the USB drive or insert a blank DVD into the optical drive, then click Next. 40 - Recovery • If you are using a USB drive, make sure your USB drive has enough capacity before continuing. • If using DVDs, it will also show the number of blank, recordable discs you will need to complete the recovery discs. Make sure that you have the required number of identical, blank discs. Recovery - 41 3. Click Start to copy files.

You will be shown the backup progress on the screen. 4. Follow the process until it completes: • If you are using optical discs, the drive ejects each disc as it completes burning it. Remove the disc from the drive and mark it with a permanent marker. If multiple discs are required, insert a new disc when prompted, then click OK.

Continue until the process is complete. • If you are using a USB drive, unplug the drive and label it clearly. Important: Write a unique, descriptive label on each backup, such as 'Drivers and Applications Backup'. Make sure you keep the backup in a safe place that you will remember. Recovering your system To recover your system: 1.

Perform minor fixes. If only one or two items of software or hardware have stopped working correctly, the problem may be solved by reinstalling the software or the device drivers. To reinstall software and drivers that were pre-installed at the factory, see "Reinstalling drivers and applications" on page 43. For instructions on reinstalling software and drivers that were not preinstalled, see that product's documentation or support Web site. 2. Revert to a previous system condition. If reinstalling software or drivers does not help, then the problem may be 42 - Recovery solved by returning your system to a previous state when everything was working correctly. For instructions, see "Returning to an earlier system snapshot" on page 46. 3. Reset your operating system.

If nothing else has solved the problem and you want to reset your system, but keep your user information, see "Returning your system to its factory condition" on page 47. 4. Reset your system to its factory condition. If nothing else has solved the problem and you want to reset your system to factory condition, see "Returning your system to its factory condition" on page 47. Reinstalling drivers and applications As a troubleshooting step, you may need to reinstall the applications and device drivers that came pre-installed on your computer from the factory. You can reinstall using either your hard drive or the backup you have created. • Other applications - If you need to reinstall software that did not come pre-installed on your computer, you need to follow that software's installation instructions. • New device drivers - If you need to reinstall device drivers that did not come pre-installed on your computer, follow the instructions provided with the device. Recovery - 43 If you are reinstalling using Windows and the recovery information stored on your computer: • From Start, type 'Recovery' and then click Acer Recovery Management in the list of apps. • Click Reinstall Drivers or Applications.

44 - Recovery • You should see the Contents section of the Acer Resource Center. • Click the install icon for the item you want to install, then follow the onscreen instructions to complete the installation. Repeat this step for each item you want to reinstall. If you are reinstalling from a Drivers and Applications Backup on a DVD or USB drive: 1. Insert the Drivers and Applications Backup into the disc drive or connect it to a free USB port.

• If you inserted a DVD wait for Acer Resource Center to start. • If Acer Resource Center does not start automatically, press the Windows key + <E>, then double-click on the optical drive icon. • If you are using a USB drive, press the Windows key + <E>, then double-click on the drive that contains the backup. Double-click on ResourceCenter. Recovery - 45 2.

You should see the Contents section of the Acer Resource Center. 3. Click the install icon for the item you want to install, then follow the onscreen prompts to complete the installation. Repeat this step for each item you want to reinstall. Returning to an earlier system snapshot Microsoft System Restore periodically takes a 'snapshot' of your system settings and saves them as restore points. In most cases of hard-toresolve software problems, you can return to one of these restore points to get your system running again. Windows automatically creates an additional restore point each day, and also each time you install software or device drivers. Note: For more information about using Microsoft System Restore, from Start, type 'Help' and then click Help and Support in the list of 46 - Recovery apps. Type 'Windows system restore' in the Search Help box, then press Enter. Returning to a restore point 1.

From Start, type 'Control Panel' and then click Control Panel in the list of apps. 2. Click System and Security > Action Center, then click Recovery at the bottom of the window. 3. Click Open System Restore, then Next. 4. Click the latest restore point (at a time when your system worked correctly), click Next, then Finish. 5. A confirmation window appears; click Yes. Your system is restored using the restore point you specified.

This process may take several minutes, and may restart your computer. Returning your system to its factory condition If your computer experiences problems that are not recoverable by other methods, you may need to reinstall everything to return your system to its factory condition. You can recover from either your hard drive or the recovery backup you have created. • If you can still run Windows and have not deleted the recovery partition, see "Recovering from Windows" on page 48. • If you cannot run Windows, your original hard drive has been completely re-formatted or you have installed a replacement hard drive, see "Recovering from a recovery backup" on page 52.

Recovery - 47 Recovering from Windows Start Acer Recovery Management: • From Start, type 'Recovery' Management in the list of apps. and then click Acer Recovery Two options are available, Restore Factory Settings (Reset my PC) or Customized Restore (Refresh my PC).

Restore Factory Settings deletes everything on your hard drive, then reinstalls Windows and all software and drivers that were pre-installed on your system. @@See "Restore Factory Settings with Acer Recovery Management" on page 49. Customized Restore will attempt to retain your files (user data) but will reinstall all software and drivers.

@@See "Customized Restore with Acer Recovery Management" on page 51. 48 - Recovery Restore Factory Settings with Acer Recovery Management 1. Click Restore Factory Settings. Caution: 'Restore Factory Settings' will erase all files on your hard drive. 2. The Reset your PC window opens. Images for reference only. 3. Click Next, then choose how to erase your files: Recovery - 49 a. @@b.

@@Cleaning the drive takes much longer, up to 5 hours, but is much more secure as old files are completely removed. 4. Click Reset. 5. @@6. @@Recovering from the hard drive during startup 1. Turn on your computer and press <Alt> + <F10> during startup. A screen appears asking you to choose the keyboard layout. 2. Several options are now presented.

Click Troubleshoot. 3. Click either Refresh your PC or Reset your PC. Note: "Refresh your PC" enables you to restore your computer to the default factory condition with files intact. "Reset your PC" completely removes all your files and resets your computer to factory settings.

4. Click Next. The process will take several minutes. 50 - Recovery Customized Restore with Acer Recovery Management 1. Click Customized Restore (Retain User Data).

2. The Refresh your PC window opens. 3. Click Next, then Refresh. 4. @@This process takes about 30 minutes. Recovery - 51 Recovering from a recovery backup To recover from a recovery backup on a USB drive: 1. Find your recovery backup. 2. @@3.

Plug in the USB drive and turn on your computer. 4. If it is not already enabled, you must enable the F12 Boot Menu: a. Press <F2> when starting your computer. b. Use the left or right arrow keys to select the Main menu. c. @@d. Use the left or right arrow keys to select the Exit menu. e. @@Select OK or Yes to confirm. f. Your computer will restart. 5. During startup, press <F12> to open the boot menu. @@a. Use your arrow keys to select USB Device, then press Enter. b. @@6. Select your keyboard type.

52 - Recovery 7. Select Troubleshoot and then choose the type of recovery to use: a. @@@@b. @@@@See "Reset your PC from the recovery backup" on page 54. c. @@@@@@1. The Reset your PC window opens. Images for reference only. 2. Click Next.

3. @@4. Choose to keep any changes to the hard drive: a. @@b. To completely restore your computer to Factory Settings, select Yes. 5. Choose how to erase your files: a. @@b. @@@@6. Click Reset.

7. @@Refresh your PC from the recovery backup 1. The Refresh your PC window opens. 2. Click Next.

3. @@4. Click Refresh. 5. @@@@@@@@These checks will slowly drain your computer's battery.

@@@@1. Open the Desktop. 2. Click Power Options in the Notification area. 3. Select More Power Options. 4. Select Choose what the power buttons do. Power management - 57 5. @@Scroll down and disable Turn on fast startup.

7. @@@@@@@@@@@@@@Conditioning a new battery pack Before you use a battery pack for the first time, there is a conditioning process that you should follow: Battery pack - 59 1. Connect the AC adapter and fully charge the battery. 2. Disconnect the AC adapter. 3. Turn on the computer and operate using battery power. 4. Fully deplete the battery until the battery-low warning appears. 5.

Reconnect the AC adapter and fully charge the battery again. Follow these steps again until the battery has been charged and discharged three times. Use this conditioning process for all new batteries, or if a battery hasn't been used for a long time. Warning! Do not expose battery packs to temperatures below 0° C (32° F) or above 45° C (113° F). Extreme temperatures may adversely affect the battery pack.

By following the battery conditioning process you condition your battery to accept the maximum possible charge. Failure to follow this procedure will prevent you from obtaining the maximum battery charge, and will also shorten the effective lifespan of the battery. In addition, the useful lifespan of the battery is adversely affected by the following usage patterns: • Using the computer on constant AC power. • Not discharging and recharging the battery to its extremes, as described above. 60 - Battery pack • Frequent use; the more you use the battery, the faster it will reach the end of its effective life.

A standard computer battery has a life span of about 300 charges. Optimizing battery life Optimizing battery life helps you get the most out of battery operation, prolonging the charge/recharge cycle and improving recharging efficiency. You are advised to follow the suggestions set out below: • Use AC power whenever possible, reserving battery for mobile use. • Remove accessories that are not being used (e.g. a USB disk drive), as they can continue to draw power. • Store your PC in a cool, dry place. The recommended temperature is 10° C (50° F) to 30° C (86° F). Higher temperatures cause the battery to self-discharge faster. • Excessive recharging decreases the battery life.

• Look after your AC adapter and battery. Checking the battery level The power meter indicates the current battery level. Rest the cursor over the battery/power icon on the taskbar to see the battery's present charge level. Battery-low warning When using battery power pay attention to the power meter. Battery pack - 61 Warning! Connect the AC adapter as soon as possible after the battery-low warning appears. Data may be lost if the battery is allowed to become fully depleted and the computer shuts down. When the battery-low warning appears, the recommended course of action depends on your situation: Recommended Action 1. Plug the AC adapter into the computer, and then connect to the main power supply. The AC adapter 2. Save all necessary files. and a power outlet 3. Resume work. are available. Turn off the computer if you want to recharge the battery rapidly. The AC adapter or 1. Save all necessary files. a power outlet is 2. Close all applications. unavailable. 3.

Turn off the computer. Situation 62 - Battery pack T RAVELING W I T H YOUR COMPUTER This section gives you tips and hints to consider when moving around or traveling with your computer. Disconnecting from the desktop Follow these steps to disconnect your computer from external accessories: 1. Save any open files. 2. Remove discs from optical drive(s). 3. Shut down the computer. 4. Close the display cover.

5. Disconnect the cord from the AC adapter. 6. Disconnect the keyboard, pointing device, printer, external monitor and other external devices. 7. Disconnect the Kensington lock if you are using one to secure the computer. Moving around When you are just moving within short distances, for example, from your office desk to a meeting room. Traveling with your computer - 63 Preparing the computer Before moving the computer, close and latch the display cover to place it in Sleep mode.

You can now safely take the computer anywhere you go within the building. To bring the computer out of Sleep mode, open the display; then press and release the power button.

@@Then close the display. @@@@@@@Failure to remove the media can damage the drive head. @@Caution: Avoid packing items next to the top cover of the computer. @@@@@•Changes in temperature and humidity can cause condensation. @@@@If possible, leave the computer for 30 minutes in an environment with a temperature between outside and room temperature.

Setting up a home office If you frequently work on your computer at home, you may want to purchase a second AC adapter for use at home. With a second AC adapter, you can avoid carrying the extra weight to and from home. If you use your computer at home for significant periods of time, you might also want to add an external keyboard, monitor or mouse. 66 - Traveling with your computer Traveling with the computer When you are moving within a larger distance, for instance, from your office building to a client's office building or traveling locally. Preparing the computer Prepare the computer as if you were taking it home.

Make sure that the battery in the computer is charged. Airport security may require you to turn on your computer when carrying it into the gate area. What to take with you Take the following items with you: •AC adapter •Additional printer driver files if you plan to use another printer Special considerations In addition to the guidelines for taking the computer home, follow these guidelines to protect your computer while traveling: •Always take the computer as carry-on luggage. •If possible, have the computer inspected by hand. Airport security X-ray machines are safe, but do not put the computer through a metal detector. Traveling internationally with the computer When you are moving from country to country. Traveling with your computer - 67 Preparing the computer Prepare the computer as you would normally prepare it for traveling. What to bring with you Bring the following items with you: •AC adapter. •Power cords that are appropriate for the country to which you are traveling. •Additional printer driver files if you plan to use another printer.

•Proof of purchase, in case you need to show it to customs officials. •International Travelers Warranty passport. Special considerations Follow the same special considerations as when traveling with the computer. In addition, these tips are useful when traveling internationally: •When traveling in another country, check that the local AC voltage and the AC adapter power cord specifications are compatible. If not, purchase a power cord that is compatible with the local AC voltage. Do not use converter kits sold for appliances to power the computer. •If you are using the modem, check if the modem and connector are compatible with the telecommunications system of the country you are traveling in. 68 - Traveling with your computer Traveling with your computer - 69 S ECURING Y O U R COMPUTER Your computer is a valuable investment that you need to take care of. Learn how to protect and take care of your computer. Security features include hardware and software locks — a security notch and passwords.

Using a computer security lock The computer comes with a Kensington-compatible security slot for a security lock. Wrap a 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. Using passwords Passwords protect your computer from unauthorized access.

Setting these passwords creates several different levels of protection for your computer and data: •Supervisor Password prevents unauthorized entry into the BIOS utility. Once set, you must enter this password to gain access to the BIOS utility. See "BIOS utility" on page 88. •User Password secures your computer against unauthorized use. Combine the use of this password with password checkpoints on bootup and resume from Hibernation (if available) for maximum security.

70 - Securing your computer •Password on Boot secures your computer against unauthorized use. Combine the use of this password with password checkpoints on bootup and resume from Hibernation (if available) for maximum security. Important: Do not forget your Supervisor Password! If you forget your password, please get in touch with your dealer or an authorized service center. Entering passwords When a password is set, a password prompt appears in the center of the display screen. •When the Supervisor Password is set, a prompt appears when you the BIOS utility. •Type the Supervisor Password and press <Enter> to access the BIOS utility. If you enter the password incorrectly, a warning message appears. Try again and press <Enter>. •When the User Password is set and the password on boot parameter is enabled, a prompt appears at boot-up. •Type the User Password and press <Enter> to use the computer.

If you enter the password incorrectly, a warning message appears. Try again and press <Enter>. Important: You have three chances to enter a password. If you fail to enter the password correctly after three tries, the system halts. Press and hold the power button for four seconds to shut down the computer. Then turn on the computer again, and try again. Securing your computer - 71 A CER T HEFT S H I E L D Note: This feature is only available on certain models. Acer Theft Shield is a tool for your computer that helps prevent theft by alerting you if your computer is moved out of range of your Android cellphone or the selected wireless network. To start Acer Theft Shield, double-click the Acer Theft Shield icon on Desktop, or from Start simply start typing 'Acer Theft Shield' to open Search and list the results. Note: Acer Theft Shield needs a Windows Log On password.

If you have not set a password, you will be reminded to set one. Once Acer Theft Shield is running, you will be asked to select the type of detection you wish to use. You may select: •Use an Android phone. 72 - Acer Theft Shield •Use a Wi-Fi network. If you select Use an Android phone, you will be shown a QR (Quick Reference) code that you can scan using your phone.

The QR contains a link that will allow you to download the Android app to your phone. Tip: If you do not select to use an Android phone at this stage, you can select to use an Android phone at any time from "Settings" on page 75. Acer Theft Shield - 73 Note: If your phone does not have a barcode reader installed, you will need to download one before you can scan the QR code. Once you have downloaded the Android app to your phone, click Next to start setting up Acer Theft Shield. Click Start to turn on your notebook's Wi-Fi hotspot feature, this will allow your phone to detect the notebook.

Using Acer Theft Shield General Once you have selected the method to use, you will be shown the General page which allows you to activate Acer Theft Shield and select a hotkey combination to activate Acer Theft Shield. You can press the hotkey combination to protect your computer at any time. 74 - Acer Theft Shield Settings The Settings page allows you to change alarm settings and also set up notifications on your Android phone. Tap Edit under Configure your notebook's Wi-Fi hotspot network to change the SSID that your notebook will broadcast while linking to your Android cellphone. You can also change the alarm notification duration from the drop-down menu under Alarm mode settings. Tip: To view the QR code to download the Android app again, click the icon. Acer Theft Shield - 75 W IRELESS N E TW ORK S Connecting to the Internet Your computer's wireless connection is turned on by default. Windows will detect and display a list of available networks during setup. Select your network and enter the password if required. Otherwise, open Internet Explorer and follow the instructions.

Please refer to your ISP or router documentation. Acer Instant Connect Instant Connect ensures a faster connection to any of the networks that your computer connects to most frequently. Wireless networks A wireless LAN or WLAN is a wireless local area network, which may link two or more computers without using wires. Setting up a wireless network is easy and allows you to share files, peripheral devices and an Internet connection. What are benefits of a wireless network? Mobility Wireless LAN systems allow you and other users of your home network to share access to files and devices connected to the network, for example a printer or scanner. 76 - Wireless networks Also you can share an internet connection with other computers in your home. Installation speed and simplicity Installing a wireless LAN system can be fast and easy and eliminates the need to pull cables through walls and ceilings. Components of a wireless LAN To set up your Wireless network at home you need to have the following: Access point (router) Access points (routers) are two-way transceivers that broadcast data into the surrounding environment. Access points act as a mediator between wired and wireless network. Most routers have a built-in DSL modem that will allow you access to a high speed DSL internet connection.

The ISP (Internet Service Provider) you have chosen normally supplies a modem/router with the subscription to their services. Read carefully the documentation supplied with your Access point/router for detailed setup instructions. Wireless networks - 77 U S I N G A B LUETOOTH C O N N E C T I O N Bluetooth is a technology enabling you to transfer data wirelessly over short distances between many different types of devices. Bluetoothenabled devices include computers, cell phones, tablets, wireless headsets, and keyboards. To use Bluetooth, you must ensure the following: 1.

Bluetooth is enabled on both devices. 2. Your devices are "paired" (or connected). Enabling and disabling Bluetooth The Bluetooth adapter must be enabled on both devices. For your computer, this may be an external switch, a software setting, or a separate Bluetooth dongle plugged into the computer's USB port (if no internal Bluetooth adapter is available).

Note: Please check your devices owner's manual to determine how to turn on its Bluetooth adapter. 78 - Using a Bluetooth connection Enabling Bluetooth from Windows 8 Bluetooth on your computer is disabled by default. To enable your computer's Bluetooth adapter, do the following: 1. Open the Charms and select Settings > Change PC Settings > Wireless, or press the Windows key + <W> and then type 'Wireless'; in the results, click on Wireless. 2. Click the toggle next to Bluetooth to enable/disable it. 3. Then, from the Desktop notification area, click the Bluetooth icon, and select Open Settings. Using a Bluetooth connection - 79 4. Select the Allow Bluetooth devices to find this computer check box, click Apply, and then click OK.

Adding a Bluetooth device Every new device must first be "paired" with your computer's Bluetooth adapter. This means it must first be authenticated for security purposes. You only need to pair once. After that, simply turning on the Bluetooth adapter of both devices will connect them. 80 - Using a Bluetooth connection From the notification area, click the Bluetooth icon, and select Add a Bluetooth Device. Click on the device you want to add. Using a Bluetooth connection - 81 A code displays on your computer, which should match the code displayed on your device. Select Yes. Then, accept the pairing from your device. Note: Some devices using older versions of the Bluetooth technology require both devices to enter a PIN.

In the case of one of the devices not having any inputs (as in a headset), the passcode is hardcoded into the device (usually "0000" or "1234"). Consult your device's user manual for more information. Your device will show up in the list of devices if it was successfully paired. Open the Control Panel and under Hardware and Sound click on View 82 - Using a Bluetooth connection devices and printers. Right click on your device and select Advanced Operations > Connect to operation window.

Using a Bluetooth connection - 83 The operation window enables you to play music and audio from your device through your computer, send files to your device and change Bluetooth settings. 84 - Using a Bluetooth connection A C E R C ONVERTER P OR T Note: There are different cables available. Please check with your retailer to see which are compatible with your computer. The Acer Converter Port is a proprietary port that allows you to extend the connectivity options of your computer using a single cable. The Acer Converter Port supports one or more of the following through a dedicated cable: A LAN connection, an external display (VGA) port and an additional USB port.

You may connect more than one peripheral to the Acer Converter cable that is compatible with your computer. Acer Converter Port - 85 HDMI HDMI (High-Definition Multimedia Interface) is an industry-supported, uncompressed, all-digital audio/video interface. HDMI provides an interface between any compatible digital audio/video source, such as a set-top box, DVD player, and A/V receiver and a compatible digital audio and/or video monitor, such as a digital television (DTV), over a single cable. Use the HDMI port on your computer to connect with high-end audio and video equipment. Single cable implementation allows tidy setup and fast connection. 86 - HDMI U N I V E R S A L S E R I A L B US (USB) The USB port is a high-speed serial bus which allows you to connect USB peripherals without taking up system resources. Universal Serial Bus (USB) - 87 BIOS UTILITY The BIOS utility is a hardware configuration program built into your computer's BIOS.

Your computer is already properly configured and optimized, and you do not need to run this utility. However, if you encounter configuration problems, you may need to run it. To activate the BIOS utility, press <F2> during the POST while the computer logo is being displayed.

Boot sequence To set the boot sequence in the BIOS utility, activate the BIOS utility, then select Boot from the categories listed at the top of the screen. Setting passwords To set a password on boot, activate the BIOS utility, then select Security from the categories listed at the top of the screen. Find Password on boot: and use the <F5> and <F6> keys to enable this feature. 88 - BIOS utility F REQUENTLY 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: • Do you have a USB storage device (USB disk or smartphone) plugged into your computer? Unplug it 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: Frequently asked questions - 89 • 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 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 volume control buttons to adjust the volume. • If headphones, earphones or external speakers are connected to the line-out port on the computer, the internal speakers automatically turn off. 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. 90 - Frequently asked questions 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 a USB port and the corresponding port on the printer. 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-ofpurchase 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 visit www.acer.

com. Frequently asked questions - 91 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: 92 - Frequently asked questions Tips and hints for using Windows 8 We know this is a new operating system that will take some getting used to, so we've created a few pointers to help you get started.

F Three concepts you might want to keep in mind 1. Start The Start button is no longer available; you can launch apps from the Start screen. 2. Tiles Live tiles are similar to thumbnails of the apps. 3.

Charms Charms allow you to perform useful functions, such as sharing content, turning off your PC or changing settings. How do I access the charms? Swipe the right-hand edge of the screen inwards. How do I get to Start? Press the Windows key; or swipe the right-hand edge of the screen inwards and tap the Start charm. Frequently asked questions - 93 How do I jump between apps? Swipe the left-hand edge of the screen inwards to cycle through apps that are currently running. How do I turn off my computer? Swipe the right-hand edge of the screen inwards, tap Settings > Power and select the action you'd like to take. Alternatively, from Desktop, tap Acer Power Button and select the action you'd like to take. Why is there a new interface? The new interface for Windows 8 is designed to work well with touch input. Windows Store apps will automatically use the whole screen and don't require closing in the traditional way. Windows Store apps will be displayed on Start using live-tiles. What are 'live tiles?' Live tiles are similar to thumbnails of the app that will be updated with new content whenever you're connected to the Internet.

So, for example, you can view weather or stock updates without needing to open the app. How do I unlock my computer? Swipe the lock screen upwards and tap a user account icon to unlock the computer. If your account has a password set, you will need to enter the password to continue. 94 - Frequently asked questions Tap and hold the preview icon to see the characters you've entered to ensure the password is correct. How do I personalize my computer? You can personalize Start with a different background image or by arranging the tiles to suit your personal needs. To change the background, swipe the right-hand edge of the screen inwards and tap Settings > Change PC settings > Personalize. Tap Start screen at the top of the page and select a color and image. How do I move tiles? Tap and hold a tile to select it, then drag it to the place on Start that you want it to appear.