TOSHIBA

Toshiba P25-S509 User Manual

P25-s509 user's guide

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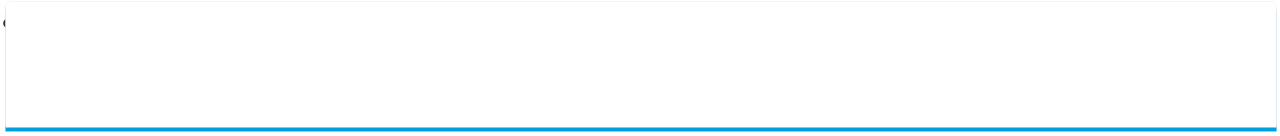

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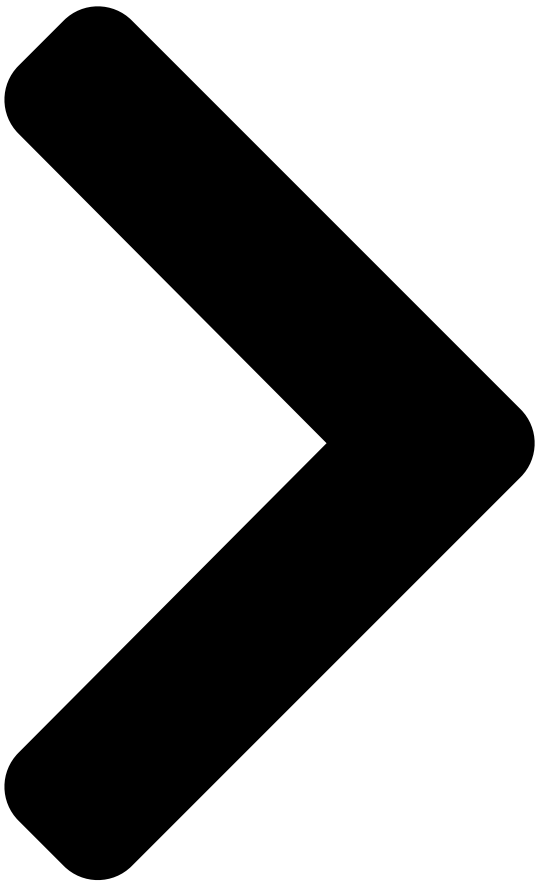

Satellite

User's Guide

If you need assistance:

- Toshiba Global Support Centre

Calling within the United States (800) 457-7777
Calling from outside the United States (949) 859-4273
For more information, see
page 168
Handling the cord on this product will expose you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm. Wash hands after handling.

TOSHIBA ®

P25 Series

in this guide.
"If Something Goes Wrong" on
C6657-0304M3
03/04

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Related Manuals for Toshiba P25-S509

Laptop Toshiba Satellite P25-S509 Specifications

Satellite p25 series (18 pages)

Laptop Toshiba P25-S607 User Manual

P25-s607 user's guide (282 pages)

Laptop Toshiba P25-S609 User Manual

P25-s609 user's guide (278 pages)

Laptop Toshiba P25-S670 User Manual

P25-s670 user's guide (277 pages)

Laptop Toshiba P25-S526 User Manual

P25-s526 user's guide (235 pages)

Laptop Toshiba P25-S477 User Manual

P25-s477 user's guide (232 pages)

Laptop Toshiba Satellite M20 Resource Manual

Toshiba modem resource guide (52 pages)

Laptop Toshiba Satellite P25 Series Resource Manual

(52 pages)

Laptop Toshiba Satellite 5205 Series Setup Manual

How to set up your computer to use the media center with a tv tuner (12 pages)

Laptop Toshiba Satellite P25-S5092 Specifications

Satellite p25 series (9 pages)

Laptop Toshiba Satellite P25-S5093 Specifications

Satellite p25 series (9 pages)

Laptop Toshiba Satellite P25-S520 Specifications

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Laptop Toshiba Satellite P25-S487 Specifications

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Laptop Toshiba P25 Series Specification Sheet

Satellite p25 series (9 pages)

Laptop Toshiba Satellite P25-S507 Specifications

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Laptop Toshiba Satellite P25-S609 Specifications

Satellite p25 series; (9 pages)

Summary of Contents for Toshiba P25-S509

Page 1 ® Satellite User’s Guide If you need assistance: ❖ Toshiba Global Support Centre Calling within the United States (800) 457-7777 Calling from outside the United States (949) 859-4273 For more information, see page 168 in this guide. Handling the cord on this product will expose you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm.

Page 2 If you fail to do so, this product may not function properly and you may lose data or suffer other damage. TOSHIBA AMERICA INFORMATION SYSTEMS (“TOSHIBA”), ITS AFFILIATES AND SUPPLIERS DO NOT WARRANT THAT OPERATION OF THE PRODUCT WILL BE UNINTERRUPTED OR ERROR FREE.

Page 3: Fcc Notice

Only Peripherals complying with the FCC Class B limits may be attached to this equipment. Operation with noncompliant peripherals or peripherals not recommended by Toshiba is likely to result in interference to radio and TV reception. Shielded cables must be used...

Page 4: Type Of Service

Industry Canada Requirement This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conformé à la norme NMB-003 du Canada. FCC Requirements The following information is pursuant to FCC CFR 47, Part 68 and refers to internal modems.

Page 5: Fax Branding

FCC. In the event repairs are ever needed on your modem, they should be performed by Toshiba Corporation, Toshiba America Information Systems, Inc. or an authorized representative of Toshiba.

Page 6: Wireless Interoperability

USOC RJ11C. Wireless Interoperability The TOSHIBA Wireless LAN Mini PCI Card products are designed to be interoperable with any wireless LAN product that is based on Direct Sequence Spread Spectrum (DSSS) radio technology, and is compliant to: ❖...

Page 7: Wireless Lan And Your Health

Regulatory Information The TOSHIBA Wireless LAN Mini PCI Card must be installed and used in strict accordance with the manufacturer’s instructions as described in the user documentation that comes with the product. This device complies with the following radio frequency and safety standards.

Page 8 co-located with any other transmitter that has not been tested with this device. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device. L ‘utilisation de ce dispositif est autorisée seulement aux conditions suivantes: (1) il ne doit pas produire de brouillage et (2) l’...

Page 9 Gebruik buiten gebouw alleen op kanalen 10 (2457 MHz) en 11 (2462 MHz). Voor privé-gebruik buiten gebouw over publieke groud over afstand kleiner dan 300m geen registratie bij BIPT/IBPT nodig; voor gebruik over afstand groter dan 300m is wel registratie bij BIPT/IBPT nodig.

Page 10 Caution: Exposure to Radio Frequency Radiation The Toshiba Wireless LAN Mini PCI Card will be installed with one of two types of antennas. The both of antenna types, when installed are located at the upper edge of the LCD screen.

Page 11 for frequency range 5.15 to 5.25 GHz to reduce the potential for harmful interference to co-channel Mobile Satellite systems. High power radars are allocated as primary users of the 5.25 to 5.35 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and/or damage this device.

Page 12 This equipment uses a frequency bandwidth from 2,400 MHz to 2,483.5 MHz. It is possible to avoid the band of mobile object identification systems. 3. TOSHIBA Direct PC Monday – Friday: 10:00 – 17:00 Toll Free Tel: 0120-13-1100 Direct Dial: 03-3457-5916...

Page 13: Device Authorization

❖ Consult the dealer or an experienced radio/TV technician for help. Toshiba is not responsible for any radio or television interference caused by unauthorized modification of the devices included with this Toshiba Wireless LAN Mini PCI Card, or the substitution or attachment of...

Page 14 The correction of interference caused by such unauthorized modification, substitution or attachment will be the responsibility of the user. The following information is dependent on what type of wireless device is in your computer. Approved Countries/Regions for use for the Atheros AR5001X Mini PCI Wireless network adapter This equipment is approved to the radio standard by the countries/regions in the following table.

Page 15 Luxembourg Norway Switzerland Turbo Mode (5GHz) Canada Approved Countries/Regions for use for the Intel Wireless LAN 2100 3B Mini PCI Adapter This equipment is approved to the radio standard by the countries/regions in the following table. Do not use this equipment except in the countries/regions in the following table.

Page 16: Bluetooth Wireless Technology Interoperability

Always use Bluetooth™ cards from TOSHIBA in order to enable wireless networks over two or more (up to a total of seven) TOSHIBA portable computers using these cards. Please contact TOSHIBA PC product support on Web site http://www.toshiba-europe.com/computers/tnt/bluetooth.htm in...

Page 17: Bluetooth Wireless Technology And Your Health

LAN devices, Bluetooth transmissions might slow down or cause errors. If you detect certain interference while you use Bluetooth™ cards from TOSHIBA, always change the frequency, move your PC to the area outside of the interference range of 2.4 GHz Wireless LAN devices (40 meters/43.74 yards or more) or stop transmitting from your PC.

Page 18: Regulatory Statements

If you are uncertain of the policy that applies on the use of wireless devices in a specific organization or environment (e.g. airports), you are encouraged to ask for authorization to use the device with Bluetooth wireless technology prior to turningon the equipment. Regulatory statements This product complies with any mandatory product specification in any country/ region where the product is sold.

Page 19 The radiated output power of the Bluetooth™ Card from TOSHIBA is far below the FCC radio frequency exposure limits. Nevertheless, the Bluetooth™ Card from TOSHIBA shall be used in such a manner that the potential for human contact during normal operation is minimized.

Page 20 This equipment uses a frequency bandwidth from 2,400 MHz to 2,483.5 MHz. It is impossible to avoid the band of mobile object identification systems. 3. TOSHIBA Direct PC Monday – Friday: 10:00 – 17:00 Toll Free Tel: 0120-13-1100 Direct Dial: 03-3457-5916...

Page 21 Device Authorization This device obtains the Technical Regulation Conformity Certification, and it belongs to the device class of radio equipment of low-power data communication system radio station stipulated in the Radio Law of Japan. The Name of the radio equipment: EYXF2CS TELECOM ENGINEERING CENTER Approval Number : 01NYDA1305 The following restrictions apply:...

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Page 23 LapLink is a registered trademark of Traveling Software, Inc. WinDVD is a trademark of InterVideo, Inc. Dolby - Manufactured by Toshiba under license from Dolby Laboratories/ Dolby and the double-D symbol are trademarks of Dolby Laboratories. TouchPad is a trademark of Synaptics, Inc.

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Page 31: Introduction

Windows XP Pro operating system. Your operating system offers exciting features and easy Internet access. This guide contains information about your operating system and how it functions with your Toshiba computer. For specific information on the software, see the Microsoft booklet that shipped with your computer.

Page 32: Safety Icons

Introduction Safety icons familiarize yourself with the components of the computer and how to turn it on. After that, seek out whatever interests you most. Safety icons This manual contains safety instructions that must be observed in order to avoid potential hazards that could result in personal injuries, damage to your equipment, or loss of data.

Page 33: Other Icons Used

Guides for other programs that may come preinstalled on your computer or that are available for installation on your Recovery media. ❖ For accessory information, visit Toshiba's Web site at toshiba.com. ❖ The Microsoft documentation which explains the features of the operating system.

Page 34: Service Options

Introduction Service options Service options Toshiba offers a full line of service options built around its SelectServ the most recent software and hardware options for your computer, and for other product information, be sure to regularly check the Toshiba Web site at pcsupport.toshiba.com.

Page 35: Chapter 1: Finding Your Way Around

Chapter 1 Finding Your Way Around This chapter presents a "grand tour" of your notebook computer. It serves as a reference when you need to locate specific parts of the computer. Making sure you have everything Before doing anything else, consult the Quick Start card provided with your system to make sure you received everything.

Page 36: Front With The Display Closed

The front panel lights provide information about various system functions. For more information, see lights" on page Display latch CD/DVD control buttons *Functional only with optional Toshiba remote control "CD/DVD control buttons" on page Remote IR port* Front panel lights Primary modular bay...

Page 37: Back

Back Parallel port LAN port USB ports The DC IN port is where you plug in the AC adapter for either operating the computer on external power or charging the battery. The RGB (monitor) port lets you connect an external monitor.

Page 38: Right Side

Finding Your Way Around Right side Right side ® i.LINK The modem port lets you use a standard RJ-11 telephone cable to connect the modem directly to a standard telephone line. For more information, see phone line" on page The two stacked PC Card slots support up to two Type I or Type II PC Cards, or one Type III PC Card.

Page 39: Left Side

Finding Your Way Around Left side Left side Microphone jack Headphone jack Line In jack Volume control Wireless antenna on/off switch* Security lock slot * functional only on systems with a wireless module installed The 3.5 mm headphone jack lets you connect stereo headphones or other audio-output devices, such as external speakers.

Page 40: Front With The Display Open

The power button turns the computer on and off. Holding down the power button for four seconds resets the computer. The Internet button launches your default Internet browser. The TOSHIBA Console button allows quick access to various functions. The One Touch TV Out button activates an external display device, such as a TV, when connected to the S-video port.

Page 41: Front Panel Lights

Finding Your Way Around Front with the display open The function keys, when used with the key, activate several different system functions. For more information, see "Hot Keys" on page 198. The front panel lights and system indicator lights provide information about various system functions.

Page 42: Indicator Lights

Finding Your Way Around Front with the display open completely discharged. For more information on determining remaining battery power, see page 105. Indicator lights The hard disk drive light flashes while the hard disk drive is being accessed. The SD® card slot light goes on when the card slot is in use. On those systems with Wi-Fi indicator glows amber when the computer's wireless antenna is on.

Page 43: Underside

printed on the top of the key. For more information, see "Using the numeric keypad overlay" on page Never turn off the computer while any drive is in use. Doing so may damage the media and result in loss of data. Underside Secondary modular bay Secondary...

Page 44

Finding Your Way Around Underside The hard disk drive is the computer's permanent data storage device. To prevent possible CPU overheating, do not block the cooling vents when the computer is in use. The release and lock secure the modular bays to the computer.

Page 45: Chapter 2: Getting Started

Chapter 2 Getting Started This chapter provides tips for working comfortably, describes how to connect components, and explains what to do the first time you use your notebook computer. Selecting a place to work Your computer is portable and designed to be used in a variety of circumstances and locations.

Page 46: Keeping Yourself Comfortable

AC power source, and let it dry out completely before turning it on again. If the computer does not operate correctly after you turn it back on, contact a Toshiba Authorized Service Provider. Keeping yourself comfortable Strain and stress injuries are becoming more common as people spend more time using their computers.

Page 47

❖ If you are using an external monitor, the top of the display should be no higher than eye level. ❖ If you use a paper holder, set it at about the same height and distance as the screen. Seating and posture When using your computer, maintain good posture with your body

relaxed and your weight distributed evenly.

Page 48 Getting Started Selecting a place to work ❖ Adjust the back of your chair so that it supports the lower curve of your spine. If necessary, use a cushion to provide extra back support. Lower-back-support cushions are available at many office supply stores. ❖...

Page 49: Precautions

Work habits The key to avoiding discomfort or injury from strain is to vary your activities. If possible, schedule a variety of tasks into your working day. Finding ways to break up the routine can reduce stress and improve your efficiency. ❖...

Page 50 Getting Started Selecting a place to work ❖ Some PC Cards can become hot with prolonged use. If two cards are installed, both can become hot even if only one is being used. Overheating of a PC Card can result in errors or instability in its operation.

Page 51: Setting Up Your Computer

Setting up your computer TECHNICAL NOTE: You must complete all set up steps up to “Setting up your software” on page 51 or internal components to your computer. These components include, but are not limited to, a mouse, keyboard, printer, memory, and PC cards.

Page 52 Toshiba and Microsoft. Click Yes to register, or No to exit the process. If you click No, you may register with Toshiba by clicking the Register with Toshiba icon on the desktop. If you selected Yes in step 5, enter your personal information in the registration window.

Page 53: Registering Your Computer With Toshiba

Toshiba warranty worldwide at no charge to you. You can register your computer with Toshiba during the start-up process or by clicking on the icon on the desktop at a later time.

Page 54: Connecting The Ac Adapter

Wash hands after handling. Use only the AC adapter supplied with your computer or an equivalent adapter that is compatible. Use of any incompatible adapter could damage your computer. Toshiba assumes no liability for any damage caused by use of an incompatible adapter.

Page 55 Hold the power cable by its plug when you connect/disconnect it. Do NOT pull the cable itself. Doing so may damage the power cable and result in a short circuit or electric shock. To connect AC power to the computer: Connect the power cable to the AC adapter.

Page 56: Charging The Main Battery

Getting Started Charging the main battery The AC power and battery lights glow. Damaged power cables can cause fire or electric shock. Never modify, forcibly bend, place heavy objects on top of, or apply heat to the power cable. If the power cable becomes damaged or the plug overheats, discontinue use.

Page 57: Using The Computer For The First Time

Using the computer for the first time Opening the display panel Slide the display latch to the right and lift the display panel Opening the display panel To avoid damaging the display panel, don’t force it beyond the point where it moves easily. Never lift or move the computer using the display panel.

Page 58: Turning On The Power

Getting Started Using the computer for the first time Turning on the power Check that any drives on the computer are empty. Turn on the computer by pressing and releasing the power button located on the top of the keyboard. For an illustration to help you locate this button, see the display open”...

Page 59: Using The Touchpad

Using the TouchPad The TouchPad, the small, smooth square cutout located in front of the keyboard, is sensitive to touch and enables you to move the cursor with the stroke of a finger. Simply move your finger on the TouchPad in the direction you’d like to move the cursor: ❖...

Page 60: Disabling Or Enabling The Touchpad

Getting Started Using the computer for the first time The function of the secondary (right-hand) button depends on the program you are using. It usually corresponds to the right mouse button. Check your program's documentation to find whether it uses the right mouse button. Disabling or enabling the TouchPad The TouchPad is enabled by default.

Page 61: Installing Additional Memory (Optional)

Toshiba Web site at pcsupport.toshiba.com). There are two memory slots. Your system may have both slots occupied.

Page 62 Getting Started Installing additional memory (optional) Turn off the computer via the Start menu. "Using Turn Off or Shut down" on page The operating system turns off the computer. Unplug and remove any cables connected to the computer. Close the display panel and turn the computer upside down to locate the expansion memory slot cover.

Page 63 Installing additional memory (optional) Put the screws and the cover in a safe place so that you can retrieve them later. Static electricity can damage the memory module. Before you handle the module, touch a grounded metal surface to discharge any static electricity you may have built up. To avoid damaging the memory module, be careful not to touch its gold connector bar (on the side you insert into the computer).

Page 64: Removing A Memory Module

Getting Started Installing additional memory (optional) Avoid touching the connectors on the memory module or on the computer. Grease or dust on the connectors may cause memory access problems. Replace the expansion memory slot cover. Replace the screws and tighten them. Turn the computer over and reconnect any cables you removed.

Page 65: Connecting A Mouse

Gently pull the memory module diagonally to pull it out of the slot. Complete the procedure by following steps 10 through 12 "Installing additional memory (optional)" on page Connecting a mouse You may want to use a mouse instead of the TouchPad, the computer's built-in pointing device.

Page 66 Getting Started Installing additional memory (optional) Never connect the printer cable while the computer's power is on. Doing so may damage the printer, the computer, or both. You can connect a USB-compatible printer to your computer through the USB ports. To determine if the printer is USB- compatible, check its documentation.

Page 67: Setting Up A Printer

Setting up a printer If you started your computer with a printer connected and turned on, it may have been detected automatically (Plug and Play). If this is not the case, then you must install the printer driver for the model of printer that is connected to your computer.

Page 68 Getting Started Setting up a printer Sample Add Printer Wizard Click Next. The Add Printer Wizard asks you to select your printer. TECHNICAL NOTE: If your printer is Plug and Play, the operating system recognizes it automatically. You can ignore the remainder of this section.

Page 69 From the list of manufacturers and printers, select your printer, then click Next. Select the port settings according to the instructions in your printer's documentation and the port to which your printer is connected, then click Next. The Add Printer Wizard prompts you to enter a printer name.

Page 70: Turning Off The Computer

Getting Started Turning off the computer Turning off the computer It is a good idea to turn off your computer when you are not using it for a while. If you are using the computer for the first time, leave the computer plugged into a power source (even though the computer is off) to fully charge the main battery.

Page 71: Caring For Your Computer

You can purchase a carrying case from your Toshiba dealer (To stay current on the most recent software and hardware options for your computer, and for other product information, be sure to

regularly check the Toshiba Web site at pcsupport.toshiba.com).

Page 72: Using A Computer Lock

Getting Started Caring for your computer Using a computer lock You may want to secure your computer to a heavy object such as your desk. The easiest way to do this is to purchase an optional PORT-Noteworthy PORT-Noteworthy To secure the computer: Loop the cable through or around some part of a heavy object.

Page 73: Chapter 3: Learning The Basics

Chapter 3 Learning the Basics This chapter lists some computing tips and provides important information about basic features. Computing tips ❖ Save your work frequently. Your work temporarily stays in the computer's memory until you save it to the disk. You will lose all unsaved work, if, for example, a system error occurs and you must restart your computer, or your battery runs out of charge while you are working.

Page 74: Using The Keyboard

Learning the Basics Using the keyboard If your hard disk suddenly fails, you may lose all the data on it unless you have a separate backup copy. ❖ Use Error-Checking and Disk Defragmenter regularly to conserve disk space and help your computer perform at its optimal level.

Page 75: Ctrl, Fn, And Alt Keys

❖ The lowercase l (el) and the number 1 are not interchangeable. ❖ The uppercase letter O and the number 0 are not interchangeable. ❖ Caps Lock case — the number and symbol keys are not affected. The caps lock light on the keyboard indicator panel illuminates when you press the Ctrl, Fn, and Alt keys Ctrl...

Page 76: Overlay Keys

Learning the Basics Using the keyboard The keyboard provides two keys that have special functions in the operating system: ❖ The Windows ❖ The Application key has the same function as the secondary TouchPad control button (or secondary mouse button). Overlay keys Keyboard overlay keys The keys with numbers and symbols on the front of them...

Page 77

You can still use the overlay keys to type alphabetic characters while the numeric overlay is on. To do so: ❖ For lowercase letters, hold down letters. ❖ For uppercase letters, hold down both you type the letters. To use the cursor control overlay when the numeric overlay is on, press and hold down keys.

Page 78: Starting A Program

Learning the Basics Starting a program Starting a program The easiest way to start a program is to double-click the name of the file that contains the information you want to work on. To find the file, use My Computer or Windows Explorer. If you prefer to open the program first, you have four options: ❖...

Page 79: Printing Your Work

HINT: To make another copy of the file you are currently working with, choose Save As from the File menu and give the new file a different name. For information on how to name a file, see file system" on page Printing your work Verify that the Windows your printer as described in...

Page 80: Using The Dvd-Rom Or Multifunction Drive

Learning the Basics Using the DVD-ROM or Multifunction drive Click Start, then click My Computer. Click the drive that contains the file you want to copy. Double-click the folder that contains the file, then click the file you want to copy. HINT: You can use the Ctrl or Shift keys to select more than one file.

Page 81: Drive Components And Control Buttons

Using the DVD-ROM or Multifunction drive You use CD-ROMs to load and run software, and to access reference material such as catalogs, as well as listen to music. A special feature allows you to play audio CDs even when the computer is turned off.

Page 82: Cd/Dvd Control Buttons

Learning the Basics Using the DVD-ROM or Multifunction drive HINT: When the computer is off and the DVD-ROM drive is on, press the stop/eject control button on the top of the computer to eject a disc. CD/DVD control buttons The control buttons on the front edge of the computer let you to play audio CDs when the computer is off.

Page 83: Cd/Dvd Control And Digital Audio Modes

Using the DVD-ROM or Multifunction drive You can eject a disc by pressing the stop/eject button twice. Use this method to eject a disc when the computer is turned off and the sound subsystem is turned on. CD/DVD control and digital audio modes The following chart describes CD/DVD control and digital audio mode.

Page 84: Inserting A Disc

Learning the Basics Using the DVD-ROM or Multifunction drive Inserting a disc Before playing an audio CD, turn the volume down. Playing the compact disc at maximum volume could damage your ears. To turn the volume down, use the Volume Control switch or access the Volume Control program (click Start, All Programs, Accessories, Entertainment, Volume Control).

Page 85 Using the DVD-ROM or Multifunction drive Carefully place the disc in the empty tray with its label facing up. Inserting a disc Be careful not to touch the drive's lens (located underneath the drive's spindle) or the area around it. Doing so could cause the drive to malfunction.

Page 86: Playing An Audio Cd

Learning the Basics Using the DVD-ROM or Multifunction drive Make sure the disc is properly positioned on the spindle. If you position the disc incorrectly, it can jam the disc tray. Close the disc tray by pressing gently on the center of the tray until it clicks indicating that it is locked.

Page 87 Using the DVD-ROM or Multifunction drive Rewind Play Stop Previous track Next track Mute Sample Windows Media The Windows Media an ordinary compact disc player: ❖ To play the CD or to pause, click the Play/Pause button on the CD Player control panel. ❖...

Page 88: Viewing The Contents Of A Cd Or Dvd

Learning the Basics Using the DVD-ROM or Multifunction drive Viewing the contents of a CD or DVD CDs and DVDs contain files just like the hard disk. CDs are often used to install software or store files that require lots of space, such as photographs and large presentation files.

Page 89: Caring For Cds And Dvds

Never use a pencil to press the manual eject button. Pencil lead can break off inside the computer and damage it. Pull the tray fully open, remove the disc and place it in its protective cover. Close the disc tray by pressing gently on the center of the tray until it clicks indicating that it is locked.

Page 90: Connecting The Modem To A Phone Line

Microsoft To stay current on the most recent software and hardware options for your computer, and for other product information, be sure to regularly check the Toshiba Web site at pcsupport.toshiba.com. Connecting the modem to a phone line Your computer comes with a built-in modem. To use the modem, you must connect it to a standard voice-grade RJ-11 telephone line.

Page 91: Powering Down The Computer

Enter the phone number of your network connection and let the program dial the number. The computer connects with the network. Powering down the computer Pushing the power button before shutting down the Windows operating system could cause you to lose your work. Make sure the system indicator panel's disk light and the drive-in- use light are off.

Page 92: Using Turn Off Or Shut Down

Learning the Basics Using Turn Off or Shut down Using Turn Off or Shut down For the Windows steps to shut down the computer: Click Start, select Turn off computer. The Turn off computer dialog box appears. Sample Turn off computer dialog box Click Turn Off.

Page 93: Hibernation Command

Hibernation command The Hibernation command shuts the computer down completely, but it first saves the current state of the computer to the hard disk. Since Hibernation mode does not require power to maintain the saved information, the system settings are retained indefinitely. Restoring information from the hard disk takes longer than restoring it from memory.

Page 94: Stand By Command

To use either of these methods, you first need to turn on the feature in the Toshiba Power Management Utility. 98. For information about going into Stand by “Going into Stand by mode more...

Page 95: Starting Again After Turn Off

Click Start, Control Panel, then Performance and Maintenance. Double-click the Toshiba Power Management icon. The Power Options Properties dialog box appears. Click the Advanced tab, and select the options you want. ❖ When I close the lid of my portable computer Set this option to Power Off to have the computer shut down when you close the display panel.

Page 96: Using Hibernation

Click Start, Control Panel, then Performance and Maintenance. Double-click the Toshiba Power Management icon. Click the Advanced tab, and select the options you want. ❖ When I press the power button...

Page 97: Starting Again From Hibernation Mode

When I close the lid Set this option to Hibernation for the computer to go into Hibernation mode when you close the display panel. Sample Toshiba Power Management Advanced tab Click Apply. Click OK, then close the Control Panel. Starting again from Hibernation mode To start the computer from Hibernation mode, press and release the power button.

Page 98: Using Stand By

Learning the Basics Using Stand by Using Stand by Follow these steps to power down the computer using the Stand by: Click Start, select Turn off computer. The Turn off computer box appears. Click Stand By. Sample Turn off computer dialog box The computer saves the status of all open programs and files to memory, turns off the display, and goes into a low-power mode.

Page 99: Going Into Stand By Mode More Quickly

Toshiba’s Power Saver utility. Open the Start menu, then click Control Panel. Click the Performance and Maintenance icon, and then click the Toshiba Power Management icon. Click the Advanced tab. Select Stand By for the options you want. When I press the power button Set this option to Stand By to put the computer into Stand by mode when you press the power button.

Page 100: Toshiba's Online Resources

Learning the Basics Toshiba’s online resources Toshiba’s online resources Toshiba maintains a number of online sites to which you can connect. These sites provide information about Toshiba products, give help with technical questions, and keep you up to date with future upgrades. For more information, see “Contacting Toshiba”...

Page 101: Chapter 4: Mobile Computing

Many of these energy-saving features have been set by Toshiba. We recommend you leave these features active, allowing your computer to operate at its maximum energy efficiency, so that you can use it for longer periods while traveling.

Page 102

Toshiba Web site at pcsupport.toshiba.com. To ensure that the battery maintains its maximum capacity, operate the computer on battery power at least once a month until the battery is fully discharged.

Page 103: Power Management

Users who are not completely familiar with the power management component of the system should use the preset configuration. For assistance with setup changes, contact Toshiba’s Global Support Centre. Charging the battery Battery charge time may vary depending on the

applications, power management settings, and features used.

Page 104: Charging The Rtc Battery

Mobile Computing Charging the battery To ensure that the battery charges to its full capacity, wait until it reaches room temperature (50 to 80 degrees Fahrenheit, 10 to 26 degrees Celsius). ❖ The battery is almost completely discharged. Leave the power connected, and the battery should begin charging after a few minutes.

Page 105: Monitoring Battery Power

Click Start, Control Panel, then Performance and Maintenance. Double-click the Toshiba Power Management icon. The current power source and battery power remaining section displays the current charge state of the battery. The value displays as a percentage of remaining battery charge.

Page 106: Conserving Battery Power

Mobile Computing Monitoring battery power Click the Battery Power Meter tab. Sample Toshiba Power Management Battery Power Meter tab TECHNICAL NOTE: The computer drains the battery faster at low temperatures. Check your remaining charge frequently if you are working in temperatures below 50 degrees Fahrenheit.

Page 107: What To Do When The Battery Runs Low

Toshiba's power-saving options greatly increase the length of time you can use the computer before it becomes necessary to recharge the battery. Toshiba has combined these options into preset power usage modes. What to do when the battery runs low When the battery runs low you can ❖...

Page 108: Setting Battery Alarms

To set an alarm: Click Start, Control Panel, then Performance and Maintenance. Double-click the Toshiba Power Management icon. Click the Alarm tab and set the alarm, as desired. Sample Toshiba Power Management Alarm tab...

Page 109: Changing The Main Battery

Changing the main battery When your battery power is running low, you have two options—connect the computer to an AC power source or install a charged battery. When handling a battery, be careful not to drop it or short- circuit its terminals. Removing the battery from the computer Save your work.

Page 110: Taking Care Of Your Battery

Mobile Computing Taking care of your battery While still holding the release latch in the open position gently slide the battery pack out of the computer. Removing the battery If the battery is leaking or its case is cracked, put on protective gloves to handle it, and discard it immediately following the advice in Taking care of your battery...

Page 111: Maximizing Battery Life

Use protective gloves when handling a damaged battery. ❖ To replace the main battery, use an identical battery that you can purchase through pcsupport.toshiba.com. ❖ Reverse Polarity should be avoided with all batteries. The main battery is designed so that it cannot be installed in reverse polarity.

Page 112

Mobile Computing Taking care of your battery Operate the computer on battery power for five minutes. If the battery pack has at least five minutes of operating time, continue operating until the battery pack is fully discharged. If the battery light LED flashes or there is some other warning to indicate a low battery, go to step 4.

Page 113: Disposing Of Used Batteries Safely

Dispose of the battery as required by local ordinances or regulations. Use only batteries recommended by Toshiba. After repeated use, the batteries will finally lose their ability to hold a charge and you will need to replace them. Under federal, state and local laws, it may be illegal to dispose of old batteries by placing them in the trash.

Page 114: Traveling Tips

❖ Always travel with the computer in a carrying case. Toshiba offers a choice of carrying cases for the computer. They all provide plenty of extra space for manuals, power cables, and compact discs. Contact your authorized Toshiba representative for more information.

Page 115: Chapter 5: Getting To Know The Windows

Chapter 5 Getting to Know the Windows System This chapter introduces the Windows by guiding you through a few basic tasks. If you have used a Windows will find the Windows Whether you have used a Windows the skill and confidence you will gain from this chapter will more than offset the short amount of time spent going through these lessons.

Page 116: Lesson 1: Exploring The Desktop

Getting to Know the Windows ® XP Operating System Lesson 1: Exploring the desktop Lesson 1: Exploring the desktop The desktop is the launching pad for everything you can do in the Windows start programs, find documents, set up system components, and perform most other computing tasks.

Page 117 The icons initially displayed on your system desktop include: Toshiba Access—Opens a window with links to software updates, services and support, and other important benefits. Recycle Bin—Holds files you've deleted using the Windows Explorer.

Page 118: Windows ® Xp File System

Getting to Know the Windows ® XP Operating System Lesson 1: Exploring the desktop you open. You can use these buttons to quickly switch between the programs or windows. To make a program or window the active one, click the program's or window's button on the taskbar.

Page 119: Lesson 2: Using The Touchpad And Control Buttons Together

Getting to Know the Windows ® XP Operating System Lesson 2: Using the TouchPad and control buttons together For more information, read the Microsoft documentation that comes with your computer. Lesson 2: Using the TouchPad and control buttons together The "Getting Started" chapter introduced you to the TouchPad, which is your basic tool for moving around the screen.

Page 120 Getting to Know the Windows ® XP Operating System Lesson 2: Using the TouchPad and control buttons together Click an empty area to close the shortcut menu. Use the TouchPad to move the pointer to the Start button. Click Start, and select My Computer. The My Computer window appears.

Page 121: Lesson 3: Learning About The Internet

Getting to Know the Windows ® XP Operating System Sample desktop with the taskbar on the right HINT: You can move the taskbar to any of the desktop's four edges. Click the taskbar once again and drag it back to the bottom of the desktop.

Page 122: Lesson 4: Creating A New Document

Getting to Know the Windows ® XP Operating System Lesson 4: Creating a new document you can also type a Web address in the My Computer window. Click Start, then double-click My Computer. The My Computer window appears. On the View menu, point to Toolbars, then click Address Bar if it is not checked.

Page 123 Getting to Know the Windows ® XP Operating System Lesson 4: Creating a new document The operating system creates an icon on the desktop called New Text Document with the icon name highlighted. To give your document a meaningful name, type and press Doc.txt Double-click the My New Doc icon.

Page 124: Lesson 5: Creating A New Folder

Getting to Know the Windows ® XP Operating System Lesson 5: Creating a new folder Lesson 5: Creating a new folder DEFINITION: A folder is an area where you can store documents and other types of files. It is analogous to a file folder stored in a file cabinet.

Page 125: Lesson 6: Starting Programs

Getting to Know the Windows ® XP Operating System Close the window by clicking its Close button and continue with the next lesson to learn how to start programs. Lesson 6: Starting

programs Usually, you will know which program you want to use for a particular task.

Page 126 Getting to Know the Windows ® XP Operating System Lesson 6: Starting programs To open the second program, click Start, then click All Programs. Point to Accessories, then click Windows Explorer. The operating system opens Windows Explorer, which provides access to all your computer's resources. For example, it lets you see all the files in a particular folder on the computer's hard disk.

Page 127: Lesson 7: Resizing, Repositioning, And Hiding Windows

Getting to Know the Windows ® XP Operating System Lesson 7: Resizing, repositioning, and hiding windows Lesson 7: Resizing, repositioning, and hiding windows If you have followed the lessons in this chapter, you now have a screen with several program windows open. You can organize these windows by resizing and repositioning windows so that you can see more than one of them at a time.

Page 128: Resizing And Moving Windows

Getting to Know the Windows ® XP Operating System Lesson 7: Resizing, repositioning, and hiding windows Click the Minimize button at the top-right of the Explorer window to hide the window. Windows Explorer disappears from the desktop. However, it is still open, as you can see from the taskbar. HINT: Minimizing program windows is a good way to clean up the desktop without actually closing programs.

Page 129 Getting to Know the Windows ® XP Operating System Lesson 7: Resizing, repositioning, and hiding windows Click and drag the edge of the window until it takes up just less than half the width of the desktop. Click the title bar of the Paint window and drag it to the left side of the desktop.

Page 130: Lesson 8: Closing Programs

Getting to Know the Windows ® XP Operating System Lesson 8: Closing programs Lesson 8: Closing programs Once you are finished working with a document or program, it is a good idea to close it. While you can run several programs at the same time, having a large number of programs and documents open simultaneously can slow down your computer.

Page 131: Creating A Shortcut To The Character Map

Getting to Know the Windows ® XP Operating System Move the pointer to an empty area of the desktop, then click the secondary button. The operating system displays the desktop shortcut menu. Click New, then click Shortcut. The operating system displays the Create Shortcut dialog box.

Page 132 Getting to Know the Windows ® XP Operating System Lesson 9: Creating shortcuts Sample Search options on the Start menu Click All Files and Folders. The operating system displays the Search Results dialog box. Sample Search Results dialog box HINT: Search also allows you to perform searches on the Internet.

Page 133: Lesson 10: Changing The Screen Saver

Getting to Know the Windows ® XP Operating System Type char and then click Search. The operating system displays a list of all the files with "char" in their names. Click the Character Map file with the secondary button and drag it to the desktop. A shortcut menu appears.

Page 134 Getting to Know the Windows ® XP Operating System Lesson 10: Changing the screen saver This lesson introduces object properties by showing you how to change one of the properties of the desktop—the screen saver. This is a continuously changing pattern that appears on the screen during pauses in your work.

Page 135: Lesson 11: Setting The Date And Time

Getting to Know the Windows ® XP Operating System To apply a pattern to your desktop, click Apply. After you have chosen a screen saver pattern and applied it to your desktop, click OK. The operating system returns you to the desktop. You can view any object's properties by clicking the object with the secondary button, then choosing Properties from the shortcut menu that appears.

Page 136: Lesson 12: Removing Objects From The Desktop

Getting to Know the Windows ® XP Operating System Lesson 12: Removing objects from the desktop HINT: To open the Date and Time Properties dialog box more quickly, either click the time display on the taskbar with the secondary button, then click Adjust Date and Time, or double- click the time display.

Page 137 Getting to Know the Windows ® XP Operating System Lesson 12: Removing objects from the desktop Double-click the Recycle Bin icon. The operating system opens the Recycle Bin window. Notice that all the icons you dropped on the Recycle Bin are listed.

Page 138: Lesson 13: Using System Restore

Getting to Know the Windows ® XP Operating System Lesson 13: Using System Restore To delete everything from the Recycle Bin at once, choose Empty Recycle Bin from the File menu. Click Yes to confirm that you are sure. HINT: Empty the Recycle Bin periodically. Even though an item is moved to the Recycle Bin, it still uses valuable space on the hard disk drive until it is deleted from the Recycle Bin.

Page 139: Lesson 14: If I Am Lost, What Do I Do

Getting to Know the Windows ® XP Operating System The operating system guides you through the process of storing your system settings for future use. It also guides you through restoring your system to the selected date or time. Lesson 14: If I am lost, what do I do? This lesson teaches you how to use some of the Help and Support features in Windows ®...

Page 140 Getting to Know the Windows ® XP Operating System Lesson 14: If I am lost, what do I do? The left side of the screen contains the index. The text box above the index, where the cursor is flashing, lets you type in a topic you want to find in the index.

Page 141: Using The Online Tours And Tutorials

Getting to Know the Windows ® XP Operating System program to look at it while you read about the program in the Help topic. Using the online tours and tutorials Whether you are new to computers or you have some experience, the Windows is a good place to start.

Page 142: Lesson 15: Turning Off Your Computer

Getting to Know the Windows ® XP Operating System Lesson 15: Turning off your computer Lesson 15: Turning off your computer It is very important that you let the Windows system shut down your computer. As it shuts down, the operating system performs a number of tasks that ensure that everything is in place the next time you turn on the computer.

Page 143: Chapter 6: Exploring Your Options

Chapter 6 Exploring Your Options In this chapter, you will explore other features of your notebook computer. ® Windows XP special features The Windows features and enhancements, including: ❖ New system file protection ❖ A system restore function, allowing you to rollback the system to its previous mode ❖...

Page 144: Personalizing Your Desktop

Exploring Your Options Personalizing your desktop Personalizing your desktop Your desktop is your virtual workspace. This section explains how to customize its features for the way you like to work. You can customize the following aspects of the desktop: ❖ Taskbar—which resources to display for quick access ❖...

Page 145: Bringing The World To Your Desktop

Bringing the world to your desktop With the Windows your desktop with complete World Wide Web integration at a single click. Turning on the Web content interface The first step to bring active content to your desktop is to turn on the Web content interface: Point to an empty space on the desktop and click the secondary button.

Page 146: Changing Desktop And Browsing Style

Exploring Your Options Personalizing your desktop To browse the Gallery for more components to add, click Visit Gallery. In order to browse, an active Internet connection must be established. To select some other Web site, type the address of the Web site you want or click Browse to

locate it.

Page 147: Personalizing Individual Windows

The My Computer window appears. Select the Tools menu, then click Folder Options. The Folder Options dialog box appears. Sample Folder Options dialog box Click the preferred options. Click Apply, then OK. Personalizing individual windows Just as you can display a Web page on your desktop, you can also display a Web page in an individual window.

Page 148: Customizing Window Toolbars

Exploring Your Options Personalizing your desktop Customizing window toolbars You can display one or more customizable toolbars at the top of a window. As you browse, the operating system detects the kind of information presented in the window and automatically displays the appropriate toolbar buttons and menus.

Page 149: Displaying Information About Each Folder

The elements you can add to the top of the window are: Toolbar element Address Bar Standard buttons Displays buttons for commonly used Displaying a toolbar in a window Click Start, then click My Computer. The My Computer window appears. On the View menu, point to Toolbars, then click the name of the toolbar you want to display.

Page 150: Using Your Computer At The Office

Exploring Your Options Using your computer at the office Open the folder you want to view as a Web page. In the Tools menu, select Folder Options. In the Tasks section, click the button for Show common tasks in folders. Click Apply, then OK.

Page 151: Setting Up For Communications

Setting up for communications To connect to the Internet, use an online service, or communicate across the telephone lines with another computer, you need: ❖ A modem (one comes with your computer) ❖ A telephone line ❖ A browser or communications program ❖...

Page 152: Connecting The Modem To A Telephone Line

Exploring Your Options Using your computer at the office To verify that the modem is set up properly, double-click the COM port to which your modem is connected. The Modem AMR Properties box appears. In the device status area, the computer should indicate whether the modem is working properly.

Page 153: Exchanging Data With Another Computer

Exchanging data with another computer To transfer a large amount of information between computers, you need a physical connection and a synchronization program. You can use the Windows synchronization program that transfers data using a cable connected to the computers' parallel ports. Transferring files using a parallel port connection To transfer files using the computers'...

Page 154: Connecting To The Internet

Exploring Your Options Connecting to the Internet Connecting to the Internet To connect to the Internet you may need: ❖ A modem (one comes with your computer) ❖ A telephone line, DSL, a cable connection, or a satellite link ❖ A browser or communications program ❖...

Page 155: An Overview Of Using The Internet

An overview of using the Internet The following sections give a quick introduction to the Internet and some of its exciting features, under these headings: ❖ The Internet ❖ The World Wide Web ❖ Signing up with an Internet Service Provider ❖...

Page 156: Internet Service Providers

Exploring Your Options An overview of using the Internet Internet Service Providers To connect a computer directly to the Internet, many people and businesses use an Internet Service Provider (ISP). An ISP is a company that has the equipment and the telecommunication lines necessary to maintain an Internet connection.

Page 157: Internet Features

Internet features The Internet offers many types of communication tools to help you perform many tasks. ❖ Internet email To send and receive email of your own, you need a mailbox on the Web, or an email address. If you have an account with an ISP, you can probably set up an email address at the same time as you sign up for the service.

Page 158: Exploring Video Features

Exploring Your Options Exploring video features large amounts of data. You can also use the File Transfer Protocol (FTP) supported by a separate software program. Exploring video features Your computer's video features provide the viewing of presentations or DVD movies on the computer screen. TECHNICAL NOTE: Video CD playback capability is not enabled on all systems.

Page 159: Display Settings Hot Key

Click the Settings tab. Slide the Screen area slider bar toward Less until the setting reads 800 x 600, then click Apply. The screen blinks momentarily while the settings are adjusted. The Monitor Settings window appears and asks if you want to keep the settings.

Page 160: Using A Microphone

Exploring Your Options Exploring audio features TECHNICAL NOTE: If you record MP3 files, you will only be able to play them on a device capable of playing MP3 files. Using a microphone Connect an external microphone to the computer. Click Start, point to All Programs, Accessories, Entertainment, then click Sound Recorder.

Page 161: Adjusting Recording Settings

Adjusting recording settings The better the quality of the recording, the more disk space the sound file requires. Experiment to find a balance that fits your needs. Open Sound Recorder, if necessary (click Start, point to All Programs, Accessories, Entertainment, then click Sound Recorder).

Page 162: Connecting A Monitor, Keyboard And Mouse

Exploring Your Options Connecting a monitor, keyboard and mouse Connecting a monitor, keyboard and mouse By connecting an external monitor, external full-size keyboard and a mouse, you can work with your notebook as if it were a standard office desktop computer. You can connect an external monitor to the RGB (monitor) port.

Page 163

icon on the System tray. After the module is stopped, it is safe to remove. Slide the Modular Bay ejection bar towards the front of the computer. Never swap modules when the computer is in Hibernation or Standby mode. This is known as "warm swapping" and is not supported with this computer For more information on Hibernation and Standby modes, on page 93...

Page 164: Inserting A Module Into The Modular Bay

Exploring Your Options Using PC Cards Inserting a module into the Modular Bay To install a module into the Modular Bay, simply slide the module all the way into the Modular Bay. Using PC Cards PC Cards expand your computer's capabilities and usefulness.

Page 165: Inserting Pc Cards

Inserting PC Cards Use caution when lifting or turning your computer. Failure to do so may result in damage to components, such as cables, attached to your computer, or to the computer itself. Before you insert a PC Card, refer to the documentation that comes with the card to see if you need to do anything before you insert it.

Page 166: Removing Pc Cards

Exploring Your Options Using PC Cards Inserting a PC Card If you have a Type III card, insert the connector into the lower slot. If you have a Type I or Type II card, you can insert it into either the upper or the lower slot. There are two eject buttons, one per slot.

Page 167: Hot Swapping

Removing a PC Card Hot swapping One of the great things about PC Cards is that you can replace one PC Card with another while the computer is on. This is called "hot swapping." Hot swapping precautions Although you can insert a PC Card at any time, to avoid data loss never

remove a card while it is in use.

Page 168: Chapter 7: If Something Goes Wrong

This chapter aims to help you solve many problems by yourself. It covers the problems you are most likely to encounter. If all else fails, contact Toshiba. You will find information on Toshiba's support services at the end of this chapter. Your program stops responding.

Page 169 Click the Applications tab. If a program has stopped responding, the words "not responding" appear beside its name in the list. Windows Task Manager Applications tab Select the program you want to close, then click End Task. Closing the failed program should allow you to continue working.

Page 170 If Something Goes Wrong Windows Task Manager Shutdown menu, Turn Off option The computer shuts down. Your program performs an illegal operation. If you receive the message, "Your program has performed an illegal operation," you should record the details of the message and consult the software manufacturer.

Page 171: Problems When You Turn On The Computer

Problems when you turn on the computer These problems may occur when you turn on the power. The computer will not start. Make sure you attached the AC adapter and power cable properly or installed a charged battery. Press and hold down the power button for a few seconds. If you are using the AC adapter, check that the wall outlet is working by plugging in another device, such as a lamp.

Page 172: The Windows Operating System Is Not Working

If Something Goes Wrong The Windows The Windows working Once you are familiar with the desktop and used to the way the operating system responds to your work routine, you can easily detect if the operating system is not working correctly. For example: ❖...

Page 173: Internet Problems

The Windows ❖ Safe Mode (with Command Prompt) ❖ Enable Boot Logging ❖ Enable VGA Mode ❖ Last known good configuration (your most recent settings that worked) ❖ Directory services restore mode (Windows controllers only) ❖ Debugging Mode ❖ Start Windows ❖...

Page 174: The Windows Xp Operating System Can Help You

If Something Goes Wrong Resolving a hardware conflict ® The Windows XP operating system can help you If the operating system has started properly, but you still have a problem using your computer, the online Help can assist you in troubleshooting the problem. To access Windows Click Start, then click Help and Support.

Page 175: A Plan Of Action

A plan of action The smooth operation of the system depends on the interaction of all devices, programs, and features. If the system or one of its attached devices isn't working, resolving the problem can be time-consuming and frustrating. The recommended procedure for getting multiple devices to work together is to add and set up one device at a time.

Page 176: Fixing A Problem With Device Manager

If Something Goes Wrong Resolving a hardware conflict theory, if every device connected to the computer is Plug and Play-compliant, no two devices will compete for the same system resources. Simply plug in the device and turn on your computer. The operating system automatically sets up your system to accommodate the new device.

Page 177 Disabling or enabling a device Click Start, click the My Computer icon with the secondary button, then click Properties. The System Properties dialog box appears. Click the Hardware tab. Click the Device Manager button. Select the specific device from the device category. To enable a device, look at the far right of the toolbar.

Page 178: Memory Card Problems

If Something Goes Wrong Resolving a hardware conflict Click the Device Manager button. To view the device(s) installed, double-click the device type. To view the properties, double-click the device. The operating system displays the Device Properties dialog box, which provides an

array of tabs. They include: ❖...

Page 179: Power And The Batteries

If the error recurs without the memory module installed, the error is not caused by the memory module. Toshiba recommends using only memory approved by Toshiba. Power and the batteries Your computer receives its power through the AC adapter and power cable or from the system batteries (main battery and optional secondary battery).

Page 180: Keyboard Problems

Let the battery discharge completely, then try charging it again. Check the power options using the Toshiba Power Management Utility. Have you added a device, such as a PC Card or memory module, that takes its power from the...

Page 181: Display Problems

If the problem occurs when both the keypad overlays are off, make sure the software you are using is not remapping the keyboard. Refer to the software's documentation and check that the program does not assign different meanings to any of the keys.

Page 182 If Something Goes Wrong Resolving a hardware conflict ❖ Try adjusting the contrast and brightness controls on the external monitor. ❖ Press Fn and F5 simultaneously to make sure the display priority is not set for the built-in screen. The screen does not look right. You can change the display settings by clicking a blank area of the desktop with the secondary control button, then clicking Properties.

Page 183: Disk Drive Problems

Click OK. The display mode is set to Simultaneous and the external display device does not work. Make sure the external monitor is capable of displaying at resolutions of 800 x 600 or higher. Devices that do not support this resolution will only work in Internal/External mode.

Page 184 If Something Goes Wrong Resolving a hardware conflict The drive's properties box appears. Click on Properties. Click the Tools tab. Click the Check now button. The Check Disk box appears (for example, Check Disk You can choose one or both options: ❖...

Page 185: Dvd-Rom Or Multifunction Drive Problems

DVD-ROM or multifunction drive problems You cannot access a disc in the drive. Make sure the drive tray has closed properly. Press gently until it clicks into place. Open the drive tray and remove the disc. Make sure the drive tray is clean.

Page 186: Sound System Problems

If Something Goes Wrong Resolving a hardware conflict The color of the materials used to make the disc can affect its reliability. Silver-colored CD-ROMs are the most reliable, followed by gold-colored CD-ROM. Green-colored CD- ROMs are the least reliable. Sound system problems You do not hear any sound from the computer.

Page 187 Card Information Structure When you insert a PC Card into a slot, the computer attempts to determine the type of card and the resources it requires by reading its Card Information Structure (CIS). Sometimes the CIS contains enough information for you to use the card immediately.

Page 188 If Something Goes Wrong Resolving a hardware conflict Resolving PC Card problems Here are some common problems and their solutions: The slots appear to be dead. PC Cards that used to work no longer work. Check the PC Card status: Click Start.

Page 189 The operating system displays a message that you may safely remove the card. Remove the card from the slot. Never swap modules when the computer is in Hibernation or Standby mode. This is known as "warm swapping" and is not supported with this computer For more information on Hibernation and Standby modes, on page 93...

Page 190: Printer Problems

If Something Goes Wrong Resolving a hardware conflict Printer problems This section lists some of the most common printer problems: The printer will not print. Check that the printer is

connected to a working power outlet, turned on and ready (on line). Check that the printer has plenty of paper.

Page 191: Modem Problems

Modem problems This section lists common modem problems: The modem will not receive or transmit properly. Make sure the cable from the modem to the telephone line is firmly connected to the computer's modem port and the telephone line jack. Check the port settings to make sure the hardware and software are referring to the same COM port.

Page 192: If You Need Further Assistance

If Something Goes Wrong If you need further assistance On a regular basis, back up the information stored on your hard disk. Here are some ways you can do this: ❖ Copy files to a CD or other media, following the steps in "Saving your work"...

Page 193: Before You Call

GO, and then clicking the Detailed Specs link from the menu on the left, or just refer to the computer documentation shipped with your product. For the number of a Toshiba dealer near you in the United States, call: (800) 457-7777. Contacting Toshiba...

Page 194: Other Toshiba Internet Web Sites

Information about what you were doing when the problem occurred. ❖ Exact error messages and when they occurred. For technical support, call the Toshiba Global Support Centre: Within the United States at (800) 457-7777 Outside the United States at (949) 859-4273 Other Toshiba Internet Web sites toshiba.com...

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Belgium Toshiba Information Systems Benelux (Belgium) B.V. Excelsiorlaan 40 B-1930 Zaventem Belgium Czech Republic CHG Toshiba, s.r.o. Hnevkovskeho 65 61700 Brno Finland Scribona TPC OY Sinimäentie 14 P.O. Box 83 02630 ESPOO Finland Germany Toshiba Europe GmbH Leibnizstraße 2 D-93055 Regensburg...

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United States 800-457-7777 (within the US) 949-859-4276 (outside the US - this call may incur long distance charges) Mexico Toshiba de México S.A. de C.V. Sierra Candela No.111, 6to. Piso Col. Lomas de Chapultepec. CP 11000 Mexico, DF. Tel: 5249-6500...

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Slovakia HTC a.s. Dobrovicova 8 81109 Bratislava Slovakia Spain Toshiba Information Systems (España) S.A. Parque Empresarial San Fernando Edificio Europa, 1a Planta Escalera A 28831 (Madrid) San Fernando de Henares Spain Switzerland Ozalid AG Herostrasse 7 8048 Zürich Switzerland United States Toshiba America Information Systems, Inc.

Page 198: Appendix A: Hot Keys

Appendix A Hot Keys Hot keys are keys that, when pressed in combination with the key, turn system functions on and off. Hot keys have a legend on or above the key indicating the option or feature the key controls. Instant password security Without a password The Fn + F1 key combination turns off the display and...

Page 199: Maintaining Security When The Battery Is Not Fully Charged

the display's content reappear. The Windows system log-on screen will appear, prompting you for a password. After typing in the password for the current user, press Enter. To activate the password feature: Click Start, Control Panel. Click Appearances and Themes. Click one of the following: ❖...

Page 200: Sound

Sample power usage modes The power usage mode in the Windows under AC power is Full Power only. The properties of each mode are set in the Toshiba Power Management utility. This hot key cycles through the different alarm ®...

Page 201: Stand By Mode

Stand by mode This hot key puts the computer into Stand by mode. Sample Stand by confirmation box ❖ A message box is displayed by default to confirm that the computer is going into Stand by mode. This message box can be set so it doesn't display.

Page 202: Hibernation Mode

Hot Keys Hibernation mode Hibernation mode This hot key puts the computer into Hibernation mode. Sample Hibernation confirmation box ❖ If Hibernation mode is enabled (the default) a message box is displayed by default to confirm the computer is going into Hibernation mode. The message box can be set so it doesn’t display.

Page 203: Display Modes

Display modes This hot key cycles through the power-on display options. The display modes are: Sample display options window In o resolution of the internal display panel to match the resolution of the external display device. Display modes display mode options. The display mode options are: Built-in display panel only, Built-in display panel and external monitor simultaneously, External monitor only.

Page 204: Enabling A Wireless Device

Hot Keys Enabling a wireless device Enabling a wireless device This hot key enables/disables the optional wireless devices in your computer (for systems with Wi-Fi only). The wireless modes are: Bluetooth module Wi-Fi enabled—This enables only the Wi-Fi module. All devices enabled—This enables both the Bluetooth module and the Wi-Fi modules.

Page 205: Keyboard Hot Keys

Keyboard hot keys and off. off. off. For more information, see This hot key turns the cursor control overlay on This hot key turns the numeric overlay on and This hot key turns the scroll lock feature on and “Overlay keys” on page Hot Keys Keyboard hot keys...

Page 206: Appendix B: Power Cable Connectors

Appendix B Power Cable Connectors Your notebook computer features a universal power supply you can use worldwide. This appendix shows the shapes of the typical AC power cable connectors for various parts of the world. USA and Canada UL approved CSA approved Australia AS approved...

Page 207: Glossary

Glossary TECHNICAL NOTE: Some features defined in this glossary may not be available on your computer. Acronyms The following acronyms may appear in this user’s guide. BIOS CD-ROM CD-RW CMOS COM1 COM2 alternating current basic input/output system bits per second compact disc compact disc read-only memory compact disc rewrite memory...

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Glossary DIMM DSTN DVD-ROM digital versatile (or video) disc read-only memory EPROM HTML IEEE LPT1 MIDI NTFS direct memory access dual inline memory module disk operating system dots per inch dual supertwist nematic digital versatile (or video) disc enhanced capabilities port erasable programmable read-only memory file allocation table Federal Communications Commission...

Page 209

PCMCIA SCSI SDRAM SRAM SVGA Terms The following terms may appear in this user’s guide. active-matrix display — A liquid crystal display (LCD) made from an array of liquid crystal cells using active-matrix technology. Also known as a “TFT display,” in its simplest form there is one thin film transistor (TFT) for each cell.

Page 210

Glossary alternating current (AC) — The type of power usually supplied to residential and commercial wall outlets. AC reverses its direction at regular intervals. Compare direct current (DC). application — A computer program that you use to perform tasks of a specific type.

Page 211

bus — An electrical circuit that connects the central processing unit (CPU) with other parts of the computer, such as the video adapter, disk drives, and ports. It is the pathway through which data flows from one device to another. See also bus speed, frontside bus. bus speed —...

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Glossary compatibility — The extent to which computers, programs, or devices can work together harmoniously, using the same commands, formats, or language as another. configuration — (1) The collection of components that make up a single computer system. (2) How parts of the system are set up (that is, configured).

Page 213 disable — To turn a computer option off. See also enable. disc — A round, flat piece of metal, designed to be read from and written to by optical (laser) technology, and used in the production of optical discs, such as CDs and DVDs. Compare disk. disk —...

Page 214 Glossary DVD-ROM (digital versatile [or video] disc read-only memory) — A very high-capacity storage medium that uses laser optics for reading data. Each DVD-ROM can hold as much data as several CD-ROMs. Compare CD-ROM. emulation — A technique in which a device or program imitates another device or program.

Page 215 — The physical components of a computer system. Compare software. Hibernate — A feature of many Toshiba notebook computers that saves to the hard disk the current state of your work, including all open files and programs, when you turn the computer off. When you turn on the computer again, your work is returned to the same state it was when the computer was turned off.

Page 216 Glossary interlaced — A method of refreshing a computer screen, in which only every other line of pixels is refreshed. Interlaced monitors take two passes to create a complete screen image. Compare non-interlaced. internal device — See device. Internet — The decentralized, world-wide network of computers that provides electronic mail, the World Wide Web, and other services.

Page 217 megabyte (MB) — A unit of data equal to 1,048,576 bytes (1024 x 1024 bytes). See also bytes. memory — Typically refers to the computer's main memory, where programs are run and data is temporarily stored and processed. Memory can be volatile and hold data temporarily, such as RAM, or it can be nonvolatile and hold data permanently, such as ROM.

Page 218 Glossary NT file system (NTFS) — An advanced file system designed for use specifically with the Windows NT operating system. online — Available through the computer. Online may refer to information being read from your own computer's hard disk, such as online documentation or online help, or to information coming from another company on a company network or the Internet.

Page 219 processor — See central processing unit (CPU). program — A set of instructions that can be executed by a computer. The general classes of programs (also called software) are operating system, application, and utility. See also operating system, application, utility. properties —...

Page 220 Glossary ROM (read-only memory) — Non-volatile memory that can be read but not written to. By non-volatile, we mean that information in ROM remains whether or not the computer is receiving power. This type of memory is used to store your computer's BIOS, which is essential instructions the computer reads when you start it up.

Page 221 universal serial bus (USB) — A serial bus that supports a data transfer rate of up to 12 Mbps (12 million bits per second). USB can connect up to 127 peripheral devices through a single all-purpose USB port. USB allows hot swapping of peripherals. See also bus, hot swapping, serial.

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